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September 2008

## Lester Larsen: Progress of Tractor Test Work 1946 -1956

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## PROGRESS OF TRACTOR TEST WORK

L. F. Larsen

Began working in Tractor Testing laboratory May 1, 1946. This laboratory has been inactive since 1941 and much of equipment was out of order and in need of repair. Considerable time was spent getting ready for first test.

The following work was carried on before first post war tractor was tested:

1. Installing new synchronous motor on motor-generator set. This is used to excite dynamometer field. (5-1-46 to 6-19-46)
  - a. Required making new base.
  - b. Required making new drive coupling.
2. Had new hot water tank installed in washroom. (5-4-46)
3. Had planimeter repaired in physics lab. (5-1-46 to 5-15-46)
4. Installed telephone. (5-6-46)
5. Schon Electric repaired electric motor used on air compressor.
6. Built new stand and got new tank for air compressor. (5-10-46 to 5-24-46)
7. Revised Manure Loader Circular. (5-12-46 to 5-16-46)
8. Repaired magneto on large Cletrac. (5-15-46 to 5-23-46)
9. Repaired I-20 tractor so it could be used. (5-10-46 to 5-25-46)
10. Helped Pitts mount ammonium tank on tank for fertilizer work. (5-29-46 to 6-2-46)
11. Helped get material for Castor Bean Harvester. (6-1-46)
12. Met "Bob" Furst to discuss tractor testing. (6-12-46)
13. Repaired large sprinkler for test course. (6-13-46)
14. Changed oil in all electric motors in test lab. (6-17-46)
15. Installed office cooling system. (6-19-46)
16. Fixed 500 foot test course marker. (6-20-46)
17. Fixed hitch on roller for test course. (6-21-46)
18. Attended ASAE meeting. (6-22-46 to 6-28-46)
19. Worked on track and got it into condition. (7-1-46)
20. Put new rock in laboratory floor. (7-2-46 to 7-6-46)
21. Ran B. H. P. test on dynamometer. (7-8-46)
22. Calibrated springs for test car dynamometer. (7-11-46 to 7-17-46)



23. Visited Charles Adams at Charles City. 7-12-46 to 7-14-46)
24. Funeral at Plainview. (7-18-46 to 7-21-46)
25. Repaired doors and windows. (8-1-46 to 8-10-46)
26. Repaired roof. (8-3-46 to 8-6-46)

Began official test No. 379 on the "Bear Cat" 3000-1 manufactured by Ellinwood Industries. Test started July 22, 1946 and was ended August 10, 1946. Began calculating August 12, 1946 and completed all work on this test on Aug. 19, 1946.

On August 29th left for Purdue to attend Ag. Engineering seminar sponsored by the Ferguson Foundation. Returned September 5th.

Made preparation to help judge the Terracing contest at Malvern, Iowa. Worked on this from September 7 to September 11, 1946.

In-as-much as there were no more tractors to test made preparation to teach two classes in Farm Machinery and assist in an orientation class taught by Professor Smith.

During semester assisted Abou Sabe with the Construction of a new type of manure loader.

Semester ended January 22nd, 1947 and second semester began Febr. 3, 1947. John Schrunk is taking over the Farm Machinery Classes and I plan to work in Tractor Test lab from now on.

Febr. 3, 1947

Worked on manure loader all day with Abou Sabe.

Febr. 4, 1947

Worked on manure loader during morning. In afternoon spent some time with Mr. Olson of the Nixon Nitrate Co. of New Jersey. Mr. Olson was interested in learning all that he could regarding plastic siphon tubes as his Company is planning to produce tubes for irrigation. Worked balance of day on Manure Loader.

Febr. 5, 1947 (Wednesday)

Worked on Manure Loader some more. Moved John Deere tractor over to Agricultural Engineering building after taking Manure Loader off.

Answered letters in the afternoon.

Febr. 6, 1947 (Thursday)

Returned pictures, used for 4-H tractor club work, to Carl Deitemeyer of the Nebraska Farmer.

Worked on mail during the afternoon. Started to go through the files and clean out old material.

Febr. 7, 1947 (Friday)

Helped John Schrunk in preparing material for Machinery class-worked some more on files.

Febr. 8, 1947 (Saturday)

Helped Abou Sabe on manure loader. Helped Schrunk on class work. Answered a few letters. Had a tractor test board meeting.

Febr. 10, 1947 (Monday)

Answered letters. Helped get tractor ready to leave. Worked on files in Tractor Testing lab.

Febr. 11, 1947 (Tuesday)

Worked on files. Answered some more letters. Emmett Sallee called to-day in regard to having a test made on the Co-op tractor. Mr. Sallee represents C. C. A. as a fieldman. Gave him a set of application forms.

Febr. 12, 1947 (Wednesday)

Started to clean up in the office during forenoon. In PM helped Yung get furniture moved from West Stadium.

Febr. 13, 1947 (Thursday)

In forenoon helped Smith with hydroflator. Went to town during noon hour and hunted for missing part of hydroflator. Finally located a second handed piece.

Febr. 14, 1947 (Friday)

Painted floor and walls in half of the office. Moved more furniture from West Stadium. Had several visitors to see laboratory.

Febr. 15, 1947 (Saturday)

Did some more painting. Attended the safety demonstration on tractor control. Carl Deitemeyer came out to discuss an article on safety for Nebraska Farmer.

Febr. 16, 1947 (Sunday)

Went to Walthill with Eighuy to see a stacker-bucker built by Lowell Campbell.

Febr. 17, 1947 (Monday)

Moved furniture out of South office during forenoon and cleaned up. Spent most of afternoon in town getting parts for hydroflator and also getting more paint.

Febr. 18, 1947 (Tuesday)

Spent all forenoon working on hydroflator. In afternoon chipped out all holes in preparation for filling with concrete.

February 19, 1947 (Wednesday)

Put concrete in all holes in floor. Merlin Hansen of John Deere Tractor Company called by long distance today in regard to application forms. Painted walls in afternoon. Farmer called in regard to plans for making a buckrake.

Febr. 20, 1947 (Thursday)

Replaced concrete mortar in holes due to failure. Put lead in place of concrete. Painted the rest of the day.

Febr. 21, 1947 (Friday)

Painted floor in South room and the balance in main office.

Febr. 22, 1947 (Saturday)

Worked at home all forenoon and afternoon glueing loose joints in furniture.

Febr. 23, 1947 (Sunday)

Drove to Malvern, Iowa today to see Howard Palmer and Gordon Olson. Olson is working for the Palmer Terracing Company at Malvern. Approached Mr. Olson on prospect of working at Tractor Testing. If interested, suggested that he come to Lincoln to see Professor Brackett.

Febr. 24, 1947 (Monday)

P. H. Thomas, P. O. Box 82, Parramatta, New South Wales (NSW) Australia, of Howard Tractor Company, Sidney, Australia called today. Spent entire day with him. Received first tractor application today from John Deere.

Febr. 25, 1947 (Tuesday)

Spent most of day with Mr. Thomas. Visited Dean Green in forenoon. Gordon Olson came for an interview today. He spent all afternoon at the Department and decided that he would like to work here.

Febr. 26, 1947 (Wednesday)

Answered correspondence. Received second tractor application from John Deere Tractor Company. Went to town in afternoon to get a few needed parts.

Febr. 27, 1947 (Thursday)

Moved furniture back into office and cleaned place up in general. Charles Green called for a visit today.

Febr. 28, 1947 (Friday)

Worked on files until 10 AM. Went to Fremont to meet U. P. train. Returned at 3 PM. Made preparation for painting on Saturday.

March 1, 1947 (Saturday)

Painted hall and washroom in laboratory. John Schrunk helped 2 hrs. Had board meeting from 8-10 AM.

Board meeting was called to discuss application for temporary permit of John Deere "B". It was approved and signed.

March 3, 1947 (Monday)

Received application from Cockshutt Company today. Worked in office all day.

March 4, 1947 (Tuesday)

Checked all applications received from John Deere Company and acquainted Mr. Olson with general procedure of Tractor Testing.

March 5, 1947 (Wednesday)

Finished John Deere application and started looking over Cockshutt application. Mr. Beaty from Iowa Extension Service visited here for about two hours. We got the Noel Hanson tractor for practice test work.

March 6, 1947 (Thursday)

Attended meeting of Sugar Beet Committee this morning. Made trip to city and prepared to leave for Plainview Friday morning.

March 7, 1947 (Friday)

Left for Plainview to attend funeral of A. K. Frost at Plainview at 2:00 PM.

March 8, 1947 (Saturday)

Visited my two brothers and families. Left for Lincoln about 2 PM.

March 10, 1947 (Monday)

Preparing Noel Hanson tractor for testing. Obtained 4 file cases from West Stadium. Gave Penton one case. Board meeting about Cockshutt application.

March 11, 1947 (Tuesday)

Worked on test procedure and dynamometer all day. Called on Hugh Cargo regarding Cockshutt application. Met with Railway Commission. Commission was of the opinion that the Cockshutt Company should make the application and also furnish an affidavit that all models mentioned in application are one and the same tractor. Mr. Cargo agreed to do this and said that he would write Tractor Test Board.

March 12, 1947 (Wednesday)

Worked on test procedure and dynamometer all day.

March 13, 1947 (Thursday)

Ran tests all day.

March 14, 1947 (Friday)

Ran tests all forenoon. Had difficulty with dynamometer in afternoon. Mr. Yung helped us out considerably.

March 15, 1947 (Saturday)

Checked stop watches. Returning some for repair. Ordered new recorder. Attended ASAE meeting this evening. Mr. Worthington spoke to student group. Had fine attendance and very good program.

March 17, 1947 (Monday)

Two men from weights and measures department came out and checked both scales in fuel room and also the Dynamometer scale. We used dead weight tester the balance of the day checking the springs.

March 18, 1947 (Tuesday)

Checked spring calibrations all day with the dead weight tester.

March 19, 1947 (Wednesday)

Attended Tractor Test Board Meeting at 10:00 AM to discuss Cockshutt Temporary Permit.

Ran Brake Test all afternoon. Received application for the John Deere G and A tractors today.

March 20, 1947 (Thursday)

Ran rated load test and varying load test. Balanced dynamometer. Worked on office files all evening for 4 hours.

March 21, 1947 (Friday)

Ran more belt tests. Motor generator set used for field excitation cut out during test. Mr. Murray worked on speed indicator in dynamometer room.

March 22, 1947 (Saturday)

Mr. Schrunk, Arms, Olson, and myself left Lincoln at 5:00 AM this morning for Wayne, Nebr. to see the hay loader built by O. H. Morris. After seeing this and taking pictures we left for Grand Island to attend the Sugar Beet Caravan. We saw all the latest machines used for seeding, cultivating, blocking, thinning, harvesting sugar beets.



March 24, 1947 (Monday)

Standard Oil brought out 100 gallons of gasoline for Tractor Testing. "Kelly" Moore delivered some needed parts for tool room. Attended Tractor Board Meeting. Approved Application for temporary permits to John Deere to cover John Deere Model A and G also Cockshutt No. 30. Worked in office and shop the balance of the day.

March 25, 1947 (Tuesday)

Ran belt test on I. H. C. f/1 "H" all day.

March 26, 1947 (Wednesday)

Arranged to do some drawbar test work outside and made several runs. Had difficulty making loading unit take load.

March 27, 1947 (Thursday)

Continued running drawbar tests and more difficulty with loading unit. Would not load well and would not steer good.

March 28, 1947 (Friday)

Worked on loading unit and test car. Control piston was stuck. Ready to test more Saturday.

March 29, 1947 (Saturday)

Ran more tests on drawbar today. Mr. Murray repaired the two old servis recorders.

March 31, 1947 (Monday)

Took rear control cylinder off of loading unit to see what it was like. Everything seemed o.k. Filled up with oil.

April 1, 1947 (Tuesday)

Ran some representative tests that worked out fairly well.

April 2, 1947 (Wednesday)

Worked on track with test car and loading unit.

April 3, 1947 (Thursday)

Rained all day. Prepared to leave for Charles City in the morning.

April 4, 1947 (Friday)

Left for Charles City at 6 AM. Stopped at Des Moines and Ames enroute. Arrived at Charles City by 5:30 PM. Spent evening with Charlie discussing Tractor Testing.

April 5, 1947 (Saturday)

Spent all forenoon with Charles and visited Oliver Tractor works while in Charles City. Left shortly after lunch and arrived in Lincoln by 11 PM. Cost myself \$17.50 for gasoline, Hotel and meals. Drove Department car.

April 7, 1947 (Monday)

Installed Flourescent light replacing the one Extension used in workroom. Visited with two men from Venezuela.

April 8, 1947 (Tuesday)

Worked on installation of hydroflator. Cleaned out water line from hydrant to test course as suggested by Charles Adams.

April 9, 1947 (Wednesday)

Serviced large Cletrac to be used for moving logs on Agronomy farm. Ran series of belt tests for two visitors from Venezuela. In PM went to West Stadium to get a few tools.

April 10, 1947 (Thursday) until April 12, 1947 (Saturday)

Worked on inventory and lettering all tools and equipment at Tractor Testing.

April 11, 1947 (Monday)

Ran a number of spring calibrations. Took hydraulic cylinder apart and miked cylinder and piston. Also took a picture of exploded view of cylinder. Ran John Deere on limber up belt test.

April 15, 1947 (Tuesday)

Found piston diameter equalled 3.6000" Cylinder Diameter 3.6008"  
Checked these measurements with other micrometers.

April 16, 1947 (Wednesday)

Ran test for 225 class on John Deere B tractor.

April 17, 1947 (Thursday)

Assembled hydraulic cylinder on test car and started to calibrate springs.

April 18, 1947 (Friday)

Made calculations on springs all day today and all Saturday Forenoon 4-19-47

April 21, 1947 (Monday)

Worked on more spring calibrations. Attended Tractor Test Board Meeting. Went downtown to get an Ames Cylinder gauge and new hose connectors. Spent balance of day in office getting notes up-to-date.

April 22, 1947 (Tuesday)

Sent pictures to Jim Roe at SUCCESSFUL FARMING. Ran test on John Deere "B" for Professor Smith today.

Fixed leak in wash room. Added cross support to grease rack.

April 23, 1947 (Wednesday)

Went to town today to get several things done. Went to Sidles to see about paint spray repair. Went to Latsch Brothers to get calibration springs marked. Worked on calibration results of two more springs.

April 24, 1947 (Thursday)

Finished calculation on larger springs and completed work with dead weight tester. Moved test car out and started repairing grader and roller.

Entertained farm machinery class during afternoon.

April 25, 1947 (Friday)

Received call from Merlin Hansen that tractor was on its way over. Ordered 150 gallons gas and 150 gallons tractor fuel. Also 5 gal. oil for lubrication. Fixed disk roller and hitch for grader.

Planted sweet corn from 4 o'clock on.

April 26, 1947 (Saturday)

Finished hitch on grader and serviced machine for use.

Took off flat tire on 15 x 30 tractor and had inner tube repaired and replaced. Spent balance of PM cleaning up the place.

Mr. Candee and Mr. Lamert called today and were expecting tractor to be here. It was delayed.

April 28, 1947 (Monday)

Tractor arrived this AM. Got tractor ready for limber up test.

Ran until 12:30 Mid-night to finish limber up test.

April 29, 1947 (Tuesday)

Checked over tractor and weighed it. Found tractor 80 lb. over weight.

Completed calculations on travel at 500' runs. Closed shop early today.

April 30, 1947 (Wednesday)

Distillate burning tractor arrived this AM. Checked it over and found that it has been run without water in Omaha as transfer line changed trucks.

May 1, 1947 (Thursday)

Ran Brake tests on John Deere "B" from 5 AM until 6 PM. Ran tests N, B, C, D, & E.

May 2, 1947 (Friday)

Ran tests "F" in 4th gear. Also "G" in 4th, 5th, 6th, & 3rd.

Worked from 5 AM to 6 PM. Had board meeting to decide about weight to use per rear wheel.

May 3, 1947 (Saturday)

Ran test "H" on John Deere "B". Began at 5AM to get ready. Started 8 AM and ran until 6 PM.

May 4, 1947 ( Sunday)

Went to Omaha today to see Jamie in hospital.

May 5, 1947 (Monday)

Ran test G in 1st & 2nd gear also test "J". Began calculating in PM.

May 6, 1947 (Tuesday)

Worked on calculations all day.

May 7, 1947 (Wednesday)

Worked on calculations all day.

May 8, 1947 (Thursday)

Completed balance of calculations in forenoon. Stayed at home all afternoon. Worked in office three hours in evening.

May 9, 1947 (Friday)

Ordered new log sheets for belt test. John Deere distillate tractor came today. Started limber up test. Have completed all calculations on test 380. Waiting for test board meeting to discuss test results.

May 10, 1947 (Saturday)

Finished break-in on John Deere "B" distillate. Started belt test at 6 PM and continued until 2:30 AM. Sunday morning completed test B and C.

May 12, 1947 (Monday)

Barometer read low. Decided to postpone test until 3 AM Tuesday morning. Put on wheel weights and checked over tractor etc. until about 3 PM. Went home to bed. Had board meeting and discussed test.

May 13, 1947 (Tuesday)

Began belt run at 3 AM completed all belt tests by 10 AM. Started drawbar runs. Completed test F and G in all gears except 1 and 2. Finished test J.

May 14, 1947 (Wednesday)

Ran 10 hour test today. Completed test by 4 PM.

May 15, 1947 (Thursday)

Ran test G on 1st and 2nd gears. Finished test by 11 AM today. Worked on calculations all PM.

May 16, 1947 (Friday)

Worked on calculations all day today and completed all by evening.

May 17, 1947 (Saturday)

Inspected gasoline all fuel John Deere tractor today. We checked clear volume by filling combustion chamber with tractor fuel through spark plug hole.

May 19, 1947 (Monday)

Get log sheets after lunch today. Loaded tractors for shipment. Men from Cockshutt came today. Tractor was delayed in Chicago.

May 20, 1947 (Tuesday)

Spent day working in lab getting ready for new test.  
Shipped out the two John Deere tractors today.

May 21, 1947 (Wednesday)

Cockshutt tractor arrived today. Worked on large motor gen. Set and attempted to reverse field. Finally changed direction of motor travel which made everything o. k.

May 22, 1947 (Thursday)

Began limber up test last night and finished today.  
Filled up rear tires with liquid this morning. Began belt test this evening.

May 23, 1947 (Friday)

Started belt test and operated until 4:30 Saturday AM.

May 24, 1947 (Saturday)

In PM began drawbar tests on Operating Maximum in 2nd, 3rd, and 4th gears.

May 26, 1947 (Monday)

Spent Monday calculating results obtained Saturday. In PM we ran tests on 100% maximum in 2nd gear.

May 27, 1947 (Tuesday)

Planned to run 10 hour test today but rain interfered. Worked on calculations all day.

May 28, 1947 (Wednesday)

Worked on correspondence and calculations all day.

May 29, 1947 (Thursday)

Rained all day. Unable to do any testing.

May 30, 1947 (Friday)

No testing. Had holiday at home



May 31, 1947 (Saturday)

Ran 10 hour test alone. Began at 4 AM. Received application from Canton, Ohio today.

June 1, 1947 (Sunday)

Had solicitation at Church today.

June 2, 1947 (Monday)

Ran test "J" today. Too wet in morning but o. k. in PM. Carlton Zink called today.

June 3, 1947 (Tuesday)

Ran test "K" today. Had Board meeting today to decide on procedure for test K.

June 4, 1947 (Wednesday)

Checking tractor today. Merlin Hansen called today and John Deere G is on its way here.

June 5, 1947 (Thursday)

John Deere Tractor arrived at 11:00 PM last night. Unloaded this morning. Began to get tractor ready for limber up run. Started limber up run at 1:15 PM. Ran until 6:30.

George Downes of Standard Oil stopped today. We checked octane rating and found everything o. k.

June 6, 1947 (Friday)

Finished break in test on John Deere G. Cockshutt left today. Abou-Sabe had dinner for Department Staff at Student Union. John Deere "A" tractor came today.

June 7, 1947 (Saturday)

Started break in on John Deere A. Got John Deere G all ready to go on belt. Ran it during afternoon some.

June 9, 1947 (Monday)

Arranged to start test on John Deere G at 1:00 AM but Barometer pressure was extremely low. Called off test.

June 10, 1947 (Tuesday)

Started up model G about 7 PM last night and started taking data about midnight and finished belt test by 7 AM this morning. Ran all drawbar tests on test F and G this forenoon.

June 11, 1947 (Wednesday)

Tuesday night Gordon got the model A started about 7 PM and ran until midnight. We started taking data and finished about 7 AM this morning.

June 12, 1947 (Thursday)

Thursday rained all day. Unable to do any testing. Worked on calculation all day. Two men from Ethyl Corporation at Michigan called today to discuss Tractor Test with us.

June 13, 1947 (Friday)

Worked on calculations all day. Rained last night. Began drawbar tests on John Deere A about 3 PM. Began 10 hour test about 11 PM on John Deere G. Finished at 10 AM Saturday morning.

June 14, 1947 (Saturday)

Ran low gear tests on "G" and "A" tractors. At noon we started the 10 hour test on the A tractor. Finished at 11:30 PM Saturday night.

June 15, 1947 (Sunday)

John Deere men took us out to the Lone Oak for a dinner tonight.

June 16, 1947 (Monday)

Ran tests "J" on both the A and G John Deere tractors in forenoon. Worked on calculations during the afternoon.

June 17, 1947 (Tuesday)

Worked on calculations all day today.

June 18, 1947 (Wednesday)

Made final inspection of both the A and G tractors. Loaded G in box car.

June 19, 1947 (Thursday)

Loaded A tractor today. American Steel Tractor arrived this evening.

June 20, 1947 (Friday)

Prepared new tractor for test. Changed oil, weighed and filled out check sheet. Mounted counter brackets.

June 21, 1947 (Saturday)

Worked on fuel pump, cleaned up, changed belts.

June 22, 1947 (Sunday)

Stayed home all day.

June 23, 1947 (Monday)

Ran 12 hour limber up test on new tractor. Ernst Orthmann came today and spent almost all day in Lincoln.

June 24, 1947 (Tuesday)

Cancelled Complete 12 hour limber up test on new tractor and started belt run in evening. Engine overheated and test was called off.

June 25, 1947 (Wednesday)

Spent day wondering what would be best doing. Located some other oil and changed. Got track ready to start drawbar test tomorrow.

June 26, 1947 (Thursday)

Ran tests F and G in all gears but 1st. Couldn't develop over 22 HP. Without excessive boiling. Filled tractor tires with water to help prevent so much slippage.

June 27, 1947 (Friday)

Ran 10 hour test on the American Steel Tractor. Finished about 4 PM. Mfg. had decided to withdraw and loaded tractor and left town.

June 28, 1947 (Saturday)

Cleaned up the Tractor test building after tractor left.

June 29, 1947 (Sunday)

Spent day in Omaha.

June 30, 1947 (Monday)

Started to check over 15 x 30 tractor. Oil pressure seemed very low and bearings seemed noisy. Worked on correspondence and test reports.

July 1, 1947 (Tuesday)

Worked on tractors and test reports.

July 2, 1947 (Wednesday)

Worked on test reports and also on 15 x 30. Got Fordson tractor that was in basement.

July 3, 1947 (Thursday)

Took vacation all day. Olson and Liedtke worked on Fordson 10 x 20.

July 4, 1947 (Friday)

Holiday

July 5, 1947 (Saturday)

Holiday

July 6, 1947 (Sunday)

Holiday

July 7, 1947 (Monday)

Worked on 15 x 30, 10 x 20 all day.

July 8, 1947 (Tuesday)

Worked on Cockshutt report and checked all others.

July 9, 1947 (Wednesday)

Completed work on 10 x 20 tractor. New hitch, new seat, and rebuilt throttle control.

July 10, 1947 (Thursday)

Worked on correspondence; air compressor, calculating table and file cabinet for calculating room.

July 11, 1947 (Friday)

Met with a representative from Dearborn Motor Co. in regard to the Ford tractor. He was interested in the test procedure here and brought an application plus test fee.

July 12, 1947 (Saturday)

Spent day in Brookings South Dakota.

July 13, 1947 (Sunday)

Enroute home from South Dakota.

July 14, 1947 (Monday)

Left on a trip to Scottsbluff. Arne Loken went along. Stayed over night at Holdrege.

July 15, 1947 (Tuesday)

Drove to North Platte today and stayed over night. Visited several dehydration plants enroute and saw several new types of machines in use.

July 16, 1947 (Wednesday)

Enroute to Scottsbluff. Noticed several things of interest on the way. Stayed over night at Scottsbluff.

July 17, 1947 (Thursday)

John Schrunk accompanied us on a trip from Scottsbluff to Hay Springs, Chadron and return. We saw several people irrigating in Mirage Flats.- irrigation project.

July 18, 1947 (Friday)

Left Scottsbluff enroute home. Stopped at Hyannis and visited the Earl Monohan ranch and spent about three hours taking pictures, etc. Arrived in Lincoln 9:00 PM.

July 19, 1947 (Saturday)

Worked in office during forenoon. Serviced my car during PM.

July 20, 1947 (Sunday)

At home all day catching up on rest.

July 21, (Monday)

Worked on correspondence in office all day.

July 22, (Tuesday)

Lowell Renberger came last night and stayed over to-day. Stayed at home until 2 PM today and visited. Looked over a war surplus drill today that was at Rock Island freight dock. Saw another at Power plant that was much better. Should get it if possible.

July 23 (Wednesday)

Worked on correspondence and other desk work today. Worked on drill. Corrected Omission on test 382.

July 24 (Thursday)

Started taking 15 x 30 down and removing transmission and clutch.

July 25, 1947 (Friday)

Worked on 15 x 30 all day. Finished this after repairing transmission and adjusting bull gear drive.

Started to repair 10-20 hitch, which was bent by Forge shop workers.

July 26, 1947 (Saturday)

Worked on 10-20 Fordson mower. Used mower to mow weeds with.

July 28, 1947 (Monday)

Went to Columbus with E. A. Olson to see building damage caused by recent high winds.

July 29, (Tuesday)

Prepared for Terrace contest. Worked on files and correspondence. Attached automatic switch for air compressor. Mr. Grone from Sweden visited here today.

July 30, 1947 (Wednesday)

Attended State Terracing contest held on Charles Warner farm East of Havelock.

July 31, 1947 (Thursday)

Worked on mower and Fordson. Mr. Howard Lappe of Ethyl Corporation called today. George Downes of Standard Oil Company called to get exhaust gas analyzed.

August 1, 1947 (Friday)

Mr. Nordenson of John Deere called today and obtained a set of application blanks. Mr. Grone called this AM to discuss tractor tests.

August 2, 1947 (Saturday)

Moved Douglas over to Tractor Test

August 3, 1947 (Sunday)

Enroute to Quincy, Illinois. Left about 3 PM and arrived at Quincy about 10 PM.



August 4, 1947 (Monday)

Visited Mr. Voorhees at Electric Wheel Company in Quincy, Illinois. Started back to Lincoln in PM.

August 5, 1947 (Tuesday)

Mowed weeds and straightened up around track and building. We got our equipment ready for a test demonstration on test course.

August 6, 1947 (Wednesday)

Professor Luebs of Mechanical Engineering brought 15 students out for a visit at Tractor Test. We showed them all the draw-bar equipment and demonstrated for them. These men spent all forenoon here.

August 7, 1947 (Thursday)

Worked on correspondence. Installed air cleaner on Fordson tractor. Visited with Don Kuska of Aerco Co., L. A., Calif. Saw pictures of new tractors manufactured by this Company. Mr. Billings of Campus upkeep called in regard to planting more trees near Tractor Test.

August 8, 1947 (Friday)

Worked on rubber tire conversion for Fordson tractor. Mr. Carr of Omaha Branch called today for a visit to Tractor Test. He brought a Swedish man for a visit to the Laboratory.

August 9, 1947 (Saturday)

Celebrated my Mother's birthday this evening. She is now 85 years old. Completed installation of rubber tires on front wheels of Fordson tractor. In afternoon we put a new body on Gordon Olson's car.

August 10, 1947 (Sunday)

Ray Lien came from Wyoming for a visit.

August 11, 1947 (Monday)

Spent forenoon and part of afternoon visiting with Ray Lien. His brother is interested in starting school in Lincoln this Fall. Sent catalogs to him.

August 12, 1947 (Tuesday)

Mr. William Neale of California of the Progresso Panther called today in regard to Testing tractor. He stayed most all day. He arranged to take Liedtke along to Detroit for some test work. Called Carlton Zink today. So Neale could talk to him. Olson worked on storage lockers.

August 13, 1947 (Wednesday)

Ordered set of used tires from Sears Farm store and mounted them in afternoon. Fordson tractor is now completely rubberized. One visitor from California called today to visit tractor test.

August 14, 1947 (Thursday)

George Downes and Mr. Hector called today. Mr. Hector wanted to visit tractor test, Mr. Frisbie and E. A. Olson while in Lincoln.

Adolph Priess, 4102 Prescott called today to inquire about power of Ford V-8 engine. He is mounting one on a whirlwind terracer.

August 15, (Friday)

Went to town to get some parts that had been ordered. Worked on correspondence and other desk work before leaving. Left at 4:00 PM for farm near Plainview, Nebraska.

August 16, 1947 (Saturday)

Out of town. Spent day at Plainview, Nebraska.

August 17, 1947 (Sunday)

Enroute home from Plainview, Nebr.

August 18, 1947 (Monday)

Worked at desk this forenoon. - Getting forms ready for terracing contest at Cherokee, Iowa, August 22nd, 1947.

August 19, 1947 (Tuesday)

Worked on old Douglas truck to get it going. Worked on correspondence and other desk work.

August 20, 1947 (Wednesday)

Sold old Cletrac near serum plant for \$100 to Slater. Also sold \$41.40 worth of junk out of serum bldg.

August 21, 1947 (Thursday)

Getting ready to leave for Cherokee, Iowa. Received application of John Deere "H" today - No check.

August 22, 1947 (Friday)

At Cherokee, Iowa to judge the terracing contest there. Left Cherokee about 4 PM Friday and arrived in Lincoln by 11 PM.

August 23, 1947 (Saturday)

Spent two hours at lab today. Board prepared recommendations for John Deere "M" tractor. Mr. Brown of Railway Commission took temporary permit along for final approval.

August 24, 1947 (Sunday)

Stayed home all day. Had a nice rain this evening - 0.88 inch.

August 25, 1947 (Monday)

Moved small loading unit over from basement of Ag. Engineering. Had a call from Mr. Costello of Dearborn Motors Company at Detroit. Coming 9-8-47.

August 26, 1947 (Tuesday)

John and I attended meeting of judges at farm where National Terracing contest is to be held. Professor Smith was unable to attend.

August 27, 1947 (Wednesday)

Participated in National Terracing contest as judge in efficiency. Ray Heller, Mike Arms, George Petersen, Professor Smith, and Gordon Olson were also present. Mr. I. F. Reed called today to visit tractor testing.

August 28, 1947 (Thursday)

Mr. Ewing called today to visit tractor test. He is writing an article for a Winnipeg paper and took some pictures, etc. Received application from Oliver to cover the new "88" tractor.

August 29, 1947 (Friday)

Worked on track today.

August 30, 1947 (Saturday)

Worked on power mower all day.

August 31, 1947 (Sunday)

Spent day at home.

September 1, 1947 (Monday)

Labor day - worked at home all day.

September 2, 1947 (Tuesday)

Attended State Fair all day. Olson worked on track all day.

September 3, 1947 (Wednesday)

Spent forenoon on desk work. Did some work on track in afternoon.  
Put all applications in folder for official tests.

September 4, 1947 (Thursday)

Met with Tractor Test Board this morning to discuss whether the New Oliver 88 Standard should be tested or not.  
Sorted pictures and worked in office balance of the day.  
Arranged to have "Bob" Mitchell begin work tomorrow.

September 5, 1947 (Friday)

Graded track all day today. Moved machinery around.

September 6, 1947 (Saturday)

Cleaned up in general about tractor test building and track.

September 7, 1947 (Sunday)

Learned that Mrs. Brackett died Saturday AM. Attended Church Board meeting this evening.

September 8, 1947 (Monday)

Ford tractor arrived this AM. Started test "A" at 2 PM and Operated until 8:00 PM tonight. Carlton Zink came to be in on test.

September 9, 1947 (Tuesday)

Started belt test on Ford - 8N at 6 PM Finished break in test and got trac. ready for belt test.

September 10, 1947 (Wednesday)

Worked until 4 AM this morning. Unable to obtain Hp. We could get 18.5 and they expected 22.5. We checked Friction Hp and compression pressures, etc. Compression pressure was low.

Obtained stock model tractor from Rogers and put it on in afternoon and by 5PM we exceeded Hp of previous tractor by 0.5 Hp.

September 11, 1947 (Thursday)

Put Ford tractor on belt again and managed to get 20 HP  
Ran all day and until 1:30 in the morning but power kept decreasing the longer we ran. No results recorded.

September 12, 1947 (Friday)

Went to Sidles and obtained new tools.

Started running Ford tractor again and operated until 10:00 PM.  
Obtained fairly good results until late afternoon when power dropped off. A new fan was installed, thermostat and many things were tried.

September 13, 1947 (Saturday)

Began running tractor at 8:20. Started 100% at about 9:30.  
Decided to shut down at noon and not start until Monday AM.  
Took a much needed nap in PM. Worked at desk in Tractor Testing  
from 8:00 PM until midnight. Made calculations on previous runs.

September 14, 1947 (Sunday)

Slept all afternoon and visited Linscheid in evening. Showed color  
pictures.

September 15, 1947 (Monday)

Ran all belt tests on Ford tractor today.  
Einar Dahl called today and asked about test on Massey-Harris 44.

September 16, 1947 (Tuesday)

Einar Dahl wired today and stated he wanted test on Massey-Harris 44  
on November 1, 1947.  
Ran all tests on gears outside.  
Saw IHC exhibit on Warner farm.

September 17, 1947 (Wednesday)

Ran 10 hour test today.  
Ellinwood wired for another date to test.  
Went out to see I. H. C. demonstration at Charles Warner farm.  
Attended banquet given by I. H. C. at Cornhusker.

September 18, 1947 (Thursday)

Ran test "J" on Ford tractor today after changing tires, etc.,  
on the tractor.  
Went to the Lone Oak with the Ford men for a big juicy steak.

September 19, 1947 (Friday)

Worked on calculations and checked tractor specifications on  
tractor. Costello, Pickord and Ratke left for Detroit about 11:30 this  
morning.

Went out to see I. H. C. display today.

September 20, 1947 (Saturday)

Spent day cleaning up building and equipment

September 21, 1947 (Sunday)

Spent PM at Gordon Olson's place.  
Showed pictures to Buckinghams in evening.

September 22, 1947 (Monday)

Worked on calculations all day today.  
Went to Lincolneers Club this evening and visited the Cushman  
plant after the dinner.

September 23, 1947 (Tuesday)

Received telephone call from Mr. Stevenson of the Leader Tractor  
Company of Cleveland, Ohio, in regard to test.  
Wire from Overholt stating that he was having difficulty getting  
a 4" belt.  
Wire from Massey-Harris saying application was being sent.



September 24, 1947 (Wednesday)

Received application from Massey-Harris covering the Massey-Harris 44.  
Worked on calculations all day and completed all results.  
Mr. Hurlbut brought his class over for a visit.

September 25, 1947 (Thursday)

Went to town to order parts needed in laboratory.  
Mr. Peterson brought two classes over for a demonstration of a draw bar test.

September 26, 1947 (Friday)

Set drill press in place.  
Put wheels and weight on Ford tractor.  
Mr. Hurlbut's class ran complete drawbar test on Ford tractor in second gear.

September 27, 1947 (Saturday)

Calibrated #20, #50 and #80 springs for test car.  
Getting Ford tractor ready to be taken away.

September 28, 1947 (Sunday)

Spent afternoon at office and most of the evening.  
Filed pictures, got material ready for Monday's test.  
Worked on Ford reports, too.

September 29, 1947 (Monday)

Mc. Ong. Cub arrived this morning about 10:00 AM.  
Began limber up test about 1:00 PM. Ran until about 5:30.  
Nordenson called this morning about his next test.

September 30, 1947 (Tuesday)

Continued limber up test and finished by 4:00 PM.  
Went to town and made several errands.

October 1, 1947 (Wednesday)

Started 100% maximum today at 7 AM. Ran until 8 PM this evening and was unable to get power expected. Tried Phillips gasoling at 4:30 and gained over Standard.

October 2, 1947 (Thursday)

Started to run belt runs again. No better performance than yesterday.  
Company engineers ran equipment most of the time.  
Board meeting decided that we had better get to moving.

October 3, 1947 (Friday)

Waiting for call from management as to best policy. Still no information by noon. Decided to go ahead and remove head from engine. George Dounes called and spent about 3 hours. Found slight amount of lead salt formation, cleaned and replaced head. Started more belt tests and ran until midnight taking all readings.

October 4, 1947 (Saturday)

Spent morning getting tractor ready for drawbar testing.  
John Deete "M" came out this evening about 8:30 PM. Came over and helped unload from truck and put in building.

October 5, 1947 (Sunday)

Spent 4 hours today making calculations on I. H. Cub tractor reports. They are now ready for checking.

October 6, 1947 (Monday)

Ran some drawbar runs today and got almost as much as belt. Decided to check dynamometer. Found bearings bad. Repaired and reran all belt tests to night.

October 7, 1947 (Tuesday)

Ran maximum and operating maximum on all gears today.

October 8, 1947 (Wednesday)

Getting ready to run rated load today. Started to rain so had to stop for the day.

October 9, 1947 (Thursday)

Ran rated load on Cub today. Started test on John Deere "M" tonight. Unable to get power so shut down about midnight.

October 10, 1947 (Friday)

Spent entire day working on Cub report. John Deere men tried the "M" on drawbar and found themselves short about 1 horsepower. Shut down for the night.

October 11, 1947 (Saturday)

Decided to open up engine to see what was wrong.

Values needed slight touch up due to rain water that got in exhaust pipe enroute from Dubuque, Iowa, to Lincoln.

October 12, 1947 (Sunday)

Worked at office during the afternoon.

October 13, 1947 (Monday)

Decided to run belt test this morning. Began 2 AM. Could not get power. At 7AM we changed oil to lighter weight. About 10 AM power began to show up and at noon we started taking readings.

October 14, 1947 (Tuesday)

Began drawbar test today. Ran all gears today. Worked on calculations all evening and until 3 AM Wednesday morning when work was finished.

October 15, 1947 (Wednesday)

Began at 5AM by running the 10 hour test. Finished by 5 PM.

October 16, 1947 (Thursday)

Started to run test "J" and "K".

Changed drawbar height and completed the two tests. Seemed doubtful that this was the proper thing to do.

October 17, 1947 (Friday)

Decided to rerun test "J" and "K" without any added weight at all. Completed tests and checked tractor for clearance volume as well as other checks.

George Round and Robert White came over to see about broadcast.

October 18, 1947 (Saturday)

American Broadcasting Company made a broadcast from here today.  
Plowed garden during afternoon.  
Worked on correspondence until 11:30 this evening.

October 19, 1947 (Sunday)

Went to Plattsmouth to see Noble Kiser and family. Brought back 10 gallons of honey and 3 bushels of apples.

October 20, 1947 (Monday)

Called Dahl at Massey-Harris and arranged for him to come 1 week earlier. Pete Burns came this AM and we started to limber up on Oliver 88 HC.

October 21, 1947 (Tuesday)

Finished limbering up run on Oliver today.  
Ran a short time on belt to see if everything was ok. Showed good results.

October 22, 1947 (Wednesday)

Began belt run today. Completed belt test by 10:00 PM.

October 23, 1947 (Thursday)

Rained today so was unable to get any drawbar workdone. Inflated large tires with liquid.

October 24, 1947 (Friday)

Spent day working in office. Finished up the Ford report and got it off.  
Getting "Cub" report ready.

October 25, 1947 (Saturday)

Started running drawbar tests today. 100% seemed only slightly more than operating maximum.  
Worked on computations until 11 PM Saturday night.

October 26, 1947 (Sunday)

Stayed at home all day and rested.

October 27, 1947 (Monday)

Ran balance of "G" tests and 100% on Oliver today.  
Completed computations by 11 PM this evening.  
Massey-Harries tractor arrived this noon.

October 28, 1947 (Tuesday)

Began 10 hour test this morning on Oliver 88.  
About 25 editors of various magazines visited tractor testing laboratory this morning.

October 29, 1947 (Wednesday)

Ran test "J" and "K" on Oliver.  
Started limbering up run on Massey-Harris.  
Changed wheels and weight on Oliver in evening.

October 30, 1947 (Thursday)

Rained today and spent time going over test results and filling Massey-Harris with Calcium chloride.

Started to tear down Oliver for infal inspection.

October 31, 1947 (Friday)

Checked Oliver and finished report.

Completed limbering up on Massey-Harris today. Very muddy.

November 1, 1947 (Saturday)

Ran belt tests on Massey-Harris 1/4 today, completed tests by 1:00 AM Sunday morning.

November 2, 1947 (Sunday)

Spent most of the day in bed resting.

Went out to see Weese in evening.

November 3, 1947 (Monday)

Checked belt results from Saturday.

Spent afternoon down town getting parts.

November 4, 1947 (Tuesday)

Ran drawbar tests in all gears but fifth on Massey-Harris tractor.

Started computations this evening.

A Mr. Shlomi from Palestine visited here this afternoon.

November 5, 1947 (Wednesday)

Ran 5th gear today and rechecked 4th, 3rd and 2nd.

Checked almost the same but not quit as good as previous test.

November 6, 1947 (Thursday)

Rained and gave up any test work today.

November 7, 1947 (Friday)

Snowed last night and unable to do any drawbar work. Arrived at work by 5:00 AM but gave up any test work.

November 8, 1947 (Saturday)

Decided to do no test work today. Track is still too soft.

November 9, 1947 (Sunday)

Duane visited today at our house.

Lee Powell arrived today with the Tiger Cat.

November 10, 1947 (Monday)

Tiger Cat arrived today.

Ran 10 hour run today. Questioned our results.

November 11, 1947 (Tuesday)

Ran 10 hour test over again. Checked close to yesterday's test.

Limbering up the Cat.

November 12, 1947 (Wednesday)

Ran test "J" on Massey-Harris and checked the tractor over completely. Went to Lone Oak in evening.

November 13, 1947 (Thursday)

Began testing Tiger Cat this evening. Trouble developed and stopped at midnight.

November 14, 1947 (Friday)

Worked on tractor and started running in afternoon and completed all belt runs by 8:00 PM.

Oliver arrived this AM.

November 15, 1947 (Saturday)

Completed limbering up test on Oliver today.

Checking all data on Tiger Cat.

Checking other results, too.

November 16, 1947 (Sunday)

November 17, 1947 (Monday)

Started test on Oliver 88 . Finished at 6 AM on Tuesday morning.

November 18, 1947 (Tuesday)

Ran check on Tiger Cat today on big dynamometer, but no better results.

November 19, 1947 (Wednesday)

Tried drawbar test on Tiger Cat. but gave up because it was too wet.

November 20, 1947 (Thursday)

Began running some power curves on Ellinwood engine. Working on reports and mail.

November 21, 1947 (Friday)

Worked on more power curves for Ellinwood engine.

Roscoe Hill called to tell me that I was Treasurer for Gamma Sigma Delta.

George Dounes stopped for a brief visit today.

Massey-Harris traveler stopped for a brief visit.

Director Brokow called today to voice his protest in regard to one nomination.

November 22, 1947 (Saturday)

Took some pictures today.

Brought Tiger Cat tractor in from test shed.

November 23, 1947 (Sunday)

Helped Lee Powell get all his equipment together this AM so he could leave for Chicago.

November 24, 1947 (Monday)

Ran some more tests on Tiger Cat engine.

300 gallons gas delivered today.

Had call from Pete Burns today asking about conditions.

November 25, 1947 (Tuesday)

Cleaned up laboratory in general today. Checked calculations that were left to be done.

Worked on correspondence and other desk work.



November 26, 1947 (Wednesday)

Spent day in office and generally cleaned up and made arrangements for visit from Board of Regents Friday.

November 27, 1947 (Thursday)

Rode to Plainsview with Jno Schrunk today returning by 11:30 this evening.

November 28, 1947 (Friday)

Board of Regents visited Tractor Testing today and spent about 30 minutes here.

Started to clean up serum plant by hauling all junk out.

November 29, 1947 (Saturday)

Cleaned up serum plant completely.

In afternoon I put on storms at home.

November 30, 1947 (Sunday)

Went to Plattsmouth for honey and hat.

Called Lou Powell tonight.

December 1, 1947 (Monday)

Ran drawbar tests on Tiger Cat. Completed all except test "H" and "J".

December 2, 1947 (Tuesday)

Ran test "H" on Tiger Cat tractor.

December 3, 1947 (Wednesday)

Homer Dowel arrived this AM to start test on Oliver. Sleet prevented any test work today.

December 4, 1947 (Thursday)

Prepared Oliver Std. for winter storage. Sleet and rain fell all day.

December 5, 1947 (Friday)

Worked in office. Completed cleaning up serum plant. Worked in shop balance of day.

December 6, 1947 (Saturday)

Hauling rock out of basement. Getting mail ready to compile summary sheet.

December 7, 1947 (Sunday)

December 8, 1947 (Monday)

Lester leaves for Chicago.

Tomorrow--get things ready for leaving.

December 9, 1947 (Tuesday)

Moved tractors over to Ag. Eng. Bldg. basement all day.

LFL left for Chicago this afternoon.

December 10, 1947 (Wednesday)

General Electric Time Clock representative and Ford Tractor Service manager here all day.

LF arrived at Waterloo today and visited John Deere plant all

afternoon. Visited Wayne Jones at Waverly in evening.

December 11, 1947 (Thursday)

Complete moving to Ag. Eng. Bldg. of Tractors. Pull grader in for mounting rubber tire.

Lou Powell--Ellenwood stopped in about Tiger Cat.

LFL visited Oliver at Charles City during forenoon. They plan to give us a new 88 Standard. Enroute to Dubuque, Iowa

December 12, 1947 (Friday)

Work on Grader all day.

LFL visited John Deere at Dubuque all forenoon and then started for Racine, Wisconsin in PM.

December 13, 1947 (Saturday)

Worked on grader.

LFL visited Massey-Harris during forenoon and J. I. Case Company during afternoon. Saw many new ideas that could be used at Tractor Testing.

December 14, 1947 (Sunday)

LFL enroute from Racine to Chicago.

December 15, 1947 (Monday)

George Massey, Farm Implement News here all day. Human Interest story for magazine.

LFL spent all day at I.H.C. in Chicago. Visited their experimtn laboratories and their Hinsdale farm.

December 16, 1947 (Tuesday)

Finished grader. Tried grading track, but too muddy.

LFL attended ASAE meeting all day.

December 17, 1947 (Wednesday)

Repair paint gun. Help Mike on Castor Bean Machine after dinner.

LFL enroute home from Chicago.

December 18, 1947 (Thursday)

Paint grader work on Cletrac.

LFL sick all day. Stayed home in bed.

December 19, 1947 (Friday)

Worked on Cletrac all day. Worked in office, too.

December 20, 1947 (Saturday)

Continued work on Cletrac in forenoon.

Worked on correspondence, too.

Went to Omaha during afternoon to get some plywood.

December 21, 1947 (Sunday)

Helped move chairs from Warren community house over to Prof. Smith's house. Went to Department Xmas party at Smith's in evening.

December 22, 1947 (Monday)

Worked in office all day.

Had meeting in Tractor Testing with Smith and Hurlbut regarding building plans. Also decided any test work should be \$12.50 per hour of operation.

December 23, 1947 (Tuesday)

Worked in office all day.

December 24, 1947 (Wednesday)

Getting ready for Xmas. Gordon left for South Dakota this morning.

December 25, 1947 (Thursday)

Holiday

December 26, 1947 (Friday)

Holiday

December 27, 1947 (Saturday)

Worked on track during the forenoon.

December 28, 1947 (Sunday)

Amy got married today.

December 29, 1947 (Monday)

H. J. Rohde of Massey-Harris called today.

Helped Don Hayes fill 4 tractor tires with Calcium chloride.

December 30, 1947 (Tuesday)

Brought Louise home from hospital.

Went out to see Mike use Castor Bean Harvester.

George Dounes of Standard Oil called today.

December 31, 1947 (Wednesday)

Went to see dentist this morning. Ray Bowers of I.H.C. called for some information. Sent it off this afternoon.

January 1, 1948 (Thursday)

Worked in office all afternoon on correspondence.

January 2, 1948 (Friday)

Getting ready for visitors tomorrow, attended a staff conference this afternoon.

January 3, 1948 (Saturday)

Met with short course class this A. M.

Worked on design for drill table.

January 4, 1948 (Sunday)

Met with official Church Board.

January 5, 1948 (Monday)

Obtained license for car. Checked with photo laboratory regarding multilith work to be done. Paid Engineers Registration fee of \$3.00.

Worked on material for bulletin.



January 6, 1948 (Tuesday)

Norm Weyond of J. I. Case called today.

Mr. Cassidy of Standard Electric Time Company called and discussed tachometer equipment with us. Mr. Smith and Mr. Yung met with him. Today we worked on bulletin and data sheet.

January 7, 1948 (Wednesday)

Appointment with dentist today 1:00 P.M.

George Dounes called today in regard to fuel used at Tractor Testing.

Arranged for Lincoln Steel to make table for drill press.

January 8, 1948 (Thursday)

Worked on bulletin and summary sheet today. Have everything almost ready to go.

January 9, 1948 (Friday)

I went to Plattsmouth today to get cupboard. Arms went along.

Cleaned up about building in general.

January 10, 1948 (Saturday)

Boys from Student Union worked all day to flood space in test track. They used our tractor and grader.

Afternoon installed cupboards.

January 11, 1948 (Sunday)

January 12, 1948 (Monday)

Worked on correspondence. Gordon went down town this afternoon.

Attended basketball game this evening.

H. J. Rohde called today regarding M-H tractor.

January 13, 1948 (Tuesday)

Prepared information to send Clayton Dynamometer Company.

Started work on Oliver 88 tractor.

January 14, 1948 (Wednesday)

Dental appointment at 1:30.

Took test #389 down to Mr. Cargo today.

Took bulletin and summary sheet to Mr. Graham in Ag. Hall 301.

Met with Board to discuss pictures.

January 15, 1948 (Thursday)

George Dounes called today regarding 4-H tractor club.

Working on tool panel and tractor hitch.

Received wire from Harry Ferguson, Inc.

January 16, 1948 (Friday)

About 150 farmers visited tractor testing laboratory today. These farmers were from Clay County, Nebraska.

Sent wire to Ford, Caterpillar, I.H.C., about test bulletin.

January 17, 1948 (Saturday)

Received wire from Harry Ferguson, Inc., will arrive here Wednesday.

Worked on mounting of tools.

Mr. Sphan came out to take an order for some new tools.

January 18, 1948 (Sunday)

Worked in office tonight from 8:30 until 12:30.

January 19, 1948 (Monday)

Obtained drill press table from Lincoln Steel and took it to  
Res machine shop.

Sorted out all pictures at photo laboratory.

Received wire from Mr. Daires of Caterpillar.

January 20, 1948 (Tuesday)

Met with Tractor Test Board to discuss bulletin. Made final decision  
and took final copy over to Graham, Experiment Station Editor.

O. B. Law called today for a visit. Used to know Mr. Zink.

January 21, 1948 (Wednesday)

Harry Ferguson representative here today.

Mr. Daires will be here today.

Mr. Hantzenroeder called today and discussed new tractor to be tested.

Mr. Daires of Caterpillar gave all needed information regarding old  
tests.

January 22, 1948 (Thursday)

Worked on bulletin and met with Board today. Had picture of test  
Board taken in P. M. Took final copy of bulletin to Graham.

January 23, 1948 (Friday)

Worked in shop all day. Went to town and obtained receptacle for  
grinder. Purchased two new tires.

January 24, 1948 (Saturday)

Was sick all day and stayed home in bed.

January 25, 1948 (Sunday)

Stayed at home.

January 26, 1948 (Monday)

Dental appointment 9:00 A. M.

Getting ready for 4-H tractor club.

Called Clive at California today. Thinks they can deliver earlier.

January 27, 1948 (Tuesday)

Called Mr. Cline last night about Clayton Dynamometer at Alhambra,  
California. Making out order. Conferred with Smith today about dynamometer.

January 28, 1948 (Wednesday)

Installing panel board for tools today.

Worked on correspondence all forenoon.

Wired Clayton Dynamometer Company that order is on the way.

January 29, 1948 (Thursday)

Taking order through for Clayton Dynamometer.

Got grinder to working.

Expecting Laird from General Electric today to see us about Dyna-  
mometer. Laird quoted us prices on several dynamometers.

Seventeen 4-H tractor club leaders visited here today.

January 30, 1948 (Friday)

Worked on pictures for exhibit.  
Had call from Detroit in regard to Ferguson equipment.  
Attended dinner with 4-H club leaders today.

January 31, 1948 (Saturday)

Worked on panels for tools all day.  
Finished lettering all pictures making them ready to hang up again.

February 1, 1948, (Sunday)

Worked on Plymouth and Ford during P. M.

February 2, 1948 (Monday)

Mr. Rohde of Massey-Harris called today in regard to tractor.  
Called Mr. Cassidy in Kansas City about Counters. He is sending quotation immediately.

February 3, 1948 (Tuesday)

Brought new Oliver out today. Unloaded from flat car and towed by tractor to Tractor Testing. A group of farmers came in to visit Tractor Testing This afternoon.

February 4, 1948 (Wednesday)

Mr. Yordy called this A. M.  
Visited dentist this forenoon and attended Org. Agr. this afternoon.  
Ran new Oliver tractor on belt for limber up run.

February 5, 1948 (Thursday)

Worked on tool rack. Got two loads of cinders for driveway. Moved Cletrac to Ag. Eng. Building.

February 6, 1948 (Friday)

Cleaned up in general.  
Went to stadium and brought several items back.  
Continued working on tool panel.

February 7, 1948 (Saturday)

Worked in tool room all forenoon.

February 8, 1948 (Sunday)

Worked in office three hours Sunday afternoon.

February 9, 1948 (Monday)

Ran test on Oliver 88 on compression.  
Worked on tool room equipment.

February 10, 1948 (Tuesday)

Ran more tests on Oliver 88 using engine as an air compressor.  
Started to build stand for 5 H.P. dynamometer.

February 11, 1948 (Wednesday)

Ran some tests on the Oliver tractor to check it as an air compressor.

February 12, 1948 (Thursday)

Worked on Oliver tractor getting it finished up.

February 13, 1948 (Friday)

Attended faculty meeting in A. M. Purchased army surplus equipment from West Stadium.

February 14, 1948 (Saturday)

Ran test on electric motor which will be used for hydraulics laboratory. Moved propellor test stand from West Stadium.

February 15, 1948 (Sunday)

Worked in office four hours Sunday.

February 16, 1948 (Monday)

Worked on tractor hitch and Massey-Harris today.

February 17, 1948 (Tuesday)

Worked on tractor hitch and ran some tests on electric motor for John Schrunk.

February 18, 1948 (Wednesday)

Removed generator equipment from old Douglas truck. Getting it ready for a new bed.

Worked on hitch for the tractor.

February 19, 1948 (Thursday)

Worked on drill and also on hitch for tractor. Found that we could bend 1 inch strap four inches wide with press in forge shop.

February 20, 1948 (Friday)

Worked all day on hitch for tractor.

Massey-Harris dealer came to get 55 and 44 for display in Havelock.

February 21, 1948 (Saturday)

Worked all forenoon on hitch for tractor.

Helped insulate house belonging to Gordon Olson.

February 22, 1948 (Sunday)

Had Frank Ferguson, Sr. out for dinner today.

February 23, 1948 (Monday)

Worked in office and in shop all day. Went to Beatrice for meeting with Vocational Agricultural group there. Showed pictures on Tractor Testing. Returned to Lincoln about 12:30 P. M.

February 24, 1948 (Tuesday)

Went to dentist this morning at 10:30.

Worked in shop all afternoon on Oliver loading unit.

February 25, 1948 (Wednesday)

Worked on hitch for Oliver all day today.

Attended Board meeting this evening.

February 26, 1948 (Thursday)

Worked on hitch for Oliver all day.

February 27, 1948 (Friday)

Attended Tractor Test Board Meeting today. Assembled hitch on Oliver today.

February 28, 1948 (Saturday)

Spent Saturday forenoon down town. Made arrangements to get a flash gun for present camera.

February 29, 1948 (Sunday)

Worked in office four hours today.

March 1, 1948 (Monday)

Prepared for meeting with Chancellor Gustavson at 3:00 P. M.

March 2, 1948 (Tuesday)

Cassidy called here today in regard to tachometer.  
We worked on hitch for Massey-Harris.

March 3, 1948 (Wednesday)

Farmers from Nicholls County will visit Tractor Testing at 12:00 A. M.  
Did not appear because of bad roads.

Worked on hitch for Massey-Harris tractor.  
Prepared material for Warren M.E. church today.

March 4, 1948 (Thursday)

Had appointment with dentist this P. M.  
Worked on hitch for Massey-Harris tractor.  
Man from Clayton Dynamometer Company called today.

March 5, 1948 (Friday)

Obtained all data from name plates of dynamometer to see what M. G. set would be needed to excite field for small dynamometer.

March 6, 1948 (Saturday)

Worked on car all day today.

March 7, 1948 (Sunday)

Worked three hours at Test Laboratory.

March 8, 1948 (Monday)

Spent forenoon at city trying to locate gear box.  
Worked on hitch for Massey-Harris.

March 9, 1948 (Tuesday)

Made definite plans for mounting of Clayton Dynamometer on Oliver Tractor.

March 10, 1948 (Wednesday)

Attended Tractor Test Board Meeting this morning.  
Working on mounting for Clayton dynamometer.



March 11, 1948 (Thursday)

Group from Nucholls County cancelled their visit here today because of bad weather.

Mr. Gilling visited tractor testing today. Mr. Gilling is from London, England.

Worked on dynamometer for Oliver Tractor.

March 12, 1948 (Friday)

Went to dentist this morning and spent the afternoon with Mr. Thomas A. Gilling of London, England, who represents the "Weekly Farmer", a publication of London, England. Gave him several pictures.

March 13, 1948 (Saturday)

Worked on my car all day.

March 14, 1948 (Sunday)

Worked on car all day. Put rebuilt motor in chassis.

March 15, 1948 (Monday)

Worked some more on car. Continued work on connection for Clayton dynamometer.

March 16, 1948 (Tuesday)

Completed coupling for Clayton Dynamometer .

Started typing application forms.

March 17, 1948 (Wednesday)

Went to Omaha today to attend Massey-Harris meetings.

March 18, 1948 (Thursday)

March 19, 1948 (Friday)

About twenty F. F. A. boys from Virginia, Nebraska, visited Tractor Testing today.

March 20, 1948 (Saturday)

Worked on Clayton Dynamometer mounting all day.

March 21, 1948 (Sunday)

Worked in office all day.

March 22, 1948 (Monday)

Worked on dynamometer for tractor all day.

Norman Lien arrived this evening.

March 23, 1948 (Tuesday)

Was ill this morning and stayed home during forenoon.

Visited with Norman Lien all afternoon.

March 24, 1948 (Wednesday)

Worked on loading unit all day.

Mr. Teale of M-H, Omaha Branch, called today for a few minutes.

March 25, 1948 (Thursday)

Worked on hitch for Massey-Harris and Oliver.

Worked on track all afternoon.

Planted two hackberry trees near Tractor Test Building.

March 26, 1948 (Friday)

Attended Staff Meeting this morning.

Continued work on hitches for both tractors.

Getting splines cut for dynamometer drive.

Saturday, March 27, 1948

Checked proof on summary sheet all day. Boys worked on hitches for tractors. Yesterday we took coupling for Oliver out to have it spliced.

Sunday, March 28, 1948

Worked on pictures for farm magazines about 6 hours.

Monday, March 29, 1948

Had meeting with Leadley and Deitemeyer of Nebraska Farmer during luncheon hour.

Proof read summary sheet and bulletin allday.

Tuesday, March 30, 1948

Started reading proof over again on bulletin this morning.

George Downes called today and delivered a new farm storage tank and a new set of tires for me.

Wednesday, March 31, 1948

Finished reading proof on bulletin today. Finishing mounting of dynamometer on Oliver tractor.

Einar Dahl called about test. Wants to test May st.

Thursday, April 1, 1948

Worked on dynamometer all day. Had difficulty making the Clayton unit function correctly. Water would not circulate as it should.

Friday, April 2, 1948

Cleaned up in general and worked on track all afternoon. Installed culvert and dug out ditches. Made swinging hitch for Massey-Harris.

Sent wire to Ellinwood.

Saturday, April 3, 1948

Worked on track all forenoon. Worked in garden all afternoon.

Sunday, April 4, 1948

Monday, April 5, 1948

Lou Powell called and will be here next Monday.

Worked on test course all forenoon. Had lunch with State Railway Commission. Attended Tractor Test Board Meeting during afternoon. Planned a board meeting for next Friday at 11:30 a.m.

Tuesday, April 6, 1948

Oliver called today. Unable to come until the 19th.

Four young men from Purdue University called today and visited our test laboratory.

Mr. Hill of Montgomery Ward and Co. called today to see about having a test made on their J. F. Avery Tractors.

Had lunch with Mr. Hill and Mr. Downes.

Paul Venard, former student visited with family this evening.

Wednesday, April 7, 1948

Summary sheets came out last night.

Mr. Mattill of Research Council called today to obtain information regarding the contribution Tractor Testing has made towards research.

Mr. Reishus of IHC Branch brought out the application for the



Farmall C Tractor.

During the afternoon Mr. Chase came out to visit the department and discuss history of Tractor Testing with Mr. Hurlbut and Mr. Mattill.

Thursday, April 8, 1948

American Steel Tractor Company called today regarding the test on the model that was withdrawn. May have a new one later on.

Met with Dean to discuss way of sending summary sheets by frank.

Planted first garden this evening.

Friday, April 9, 1948

10:00 a.m. appointment with Dr. Edwards.

Meeting at 11:30 with Test Board.

Ran test "J" on Tiger Cat today and started to clean up for inspection by Mechanical Engineers.

Saturday, April 10, 1948

Cleaned up in general today in preparation for Mechanical Engineering inspection Monday afternoon.

Sunday, April 11, 1948

Worked on my car all afternoon.

Put on new set of tires and packed all wheel bearings.

Monday, April 12, 1948

Mechanical engineers - 86 - came out for visit as a part of their annual inspection trip.

Tuesday, April 13, 1948

Worked on dynamometers today. Inspector of scales checked all our scales today.

Worked most of the afternoon on track.

Wednesday, April 14, 1948

Spent day in country. Left Lincoln at 5:30 a.m. and returned 12:00 p.m. - midnight.

Had a call from Boston, Massachusetts regarding a test of a tractor.

Burns called to say he was coming Monday.

Thursday, April 15, 1948

Went to Mechanical Engineering to see a Mid-West dynamometer which was war surplus.

Professor Edison came out to see small dynamometer perform. It will now motor and operate small gas engine. Started pipe line for watering test course.

Friday, April 16, 1948

Dr. Edwards - 10:00 a.m.

Professor Smith and I went to Mechanical Engineering to see large dynamometer. Went to Tractor Test Board Meeting at noon.

Had many visitors here that attended Feeders' day.

Mr. Skromme called today in regard to test date. Mr. Frazier of American Steel called today of Canton, Ohio, regarding testing of his tractor.

Saturday, April 17, 1948

Worked on the installation of water supply to test track all day.

Sunday, April 18, 1948

Went to Fremont to get my mother from train.

Monday, April 19, 1948

Burns arrived today and started to get tractor ready.

Bulletin came back for recheck. In good form and few errors made.

Should be easy to reset making copies available soon.

Tractor Test Board Meeting at 11:30.

Tuesday, April 20, 1948

Ran belt tests on Oliver all day. Art Hall came this a.m. to help Pete get tractor ready. Unable to get former H.P., but by 7:00 p.m. finally reached fair performance.

Wednesday, April 21, 1948

Getting ready to run tests pm drawbar.

Board Meeting at 11:30

Ran all drawbar tests during afternoon.

Met with Mr. Stevenson this evening.

Thursday, April 22, 1948

Started to run 10 hour test but got rained out. Completed balance of computations.

Friday, April 23, 1948

Attended staff meeting at 10:30. Raining this a.m.

Tractor Test Board Meeting today. Pete Burns present.

Spent the balance of afternoon working on application forms.

Saturday, April 24, 1948

Meeting at 2:00 p.m.

Write Steve Pickard.

Gamma Sigma Delta Meeting at 9:00 a.m.

Began 10 hour test at 8:10 a.m. Rained out at 4:30 about.

Sunday, April 25, 1948

Monday, April 26, 1948

Ferguson Tractor arrived this a.m. Rained off and on all day. Pete ran some more tests on his tractor and is short some horsepower.

Hantzenroeder had lunch with Board.

Tuesday, April 27, 1948

Pete Burns decided to clear out deposition in 88 engine. This was done and power came right back to normal.

Ferguson tractor was operated about 3 hours on belt for check, considered ok.

Called Pickard today. He will be out next Tuesday.

Wednesday, April 28, 1948

Started to rerun the drawbar tests on the Oliver today.

Went to dentist this morning.

Einar Dahl called this a.m. regarding test.

Thursday, April 29, 1948

Ran the 10 hour test on the Oliver tractor today.

Completed the limber up run on the Ferguson. Charles Warner called today and we took some pictures.

Friday, April 30, 1948

Rained last night but we completed Test "J" and "K" on Oliver 88 Tractor.

Saturday, May 1, 1948

Started test on Ferguson this morning at 3:00 a.m. Unable to get power expected and stopped test at 10:00 a.m. Decided to wait until Monday.

Finished test on Pete Burns Oliver.

Sunday, May 2, 1948

Stayed at home and slept all afternoon.

Monday, May 3, 1948

Started belt test on Ferguson this a.m. at 7:00 and still unable to get power expected.

Met with Tractor Test Board regarding Ferguson's desire to withdraw.

Tuesday, May 4, 1948

Test Board met again and recommended that test continue.

Ran more tests - no better. Decided to open up engine. Found considerable deposit in engine. Cleaned up and assembled again.

Ford men showed up this p.m.

Wednesday, May 5, 1948

After cleaning up the engine power came back up to normal. Ran all the belt tests today finishing up by 12:00 p.m.

George Downes sent a sample of fuel for testing.

Thursday, May 6, 1948

Massey-Harris came this a.m.

Ford started their tractor on dynamometer this afternoon.

Howard Luppi sent a sample of fuel to Kansas City for testing.

Have Ferguson ready for testing.

Friday, May 7, 1948

Ran all gears on Ferguson today.

Ford started to run tests on belt at so much per hour.

Saturday, May 8, 1948

Closed down today.

Rain predicted for today. No testing.

Ford ran some belt tests.

Sunday, May 9, 1948

Stayed at home all day for Mother's day.

Monday, May 10, 1948

Ran 10 hour test on Ferguson Tractor.

Sold tickets at Gamma Sigma Delta banquet tonight.

Tuesday, May 11, 1948

Finished test on Ferguson Tractor today.  
Ran 1st gear and test "J" today.  
Running tests on Ford all day.

Wednesday, May 12, 1948

Checked over Ferguson Tractor today. Ran tests on Ford and found shortage of horsepower.

Thursday, May 13, 1948

Opened up the Ford Tractor and ground in the valves and cleaned combustion chamber. Ferguson Tractor was shipped out today.

Friday, May 14, 1948

Completed belt test on Ford Tractor. Got it ready for drawbar testing.

Saturday, May 15, 1948

Ran all gears today and also 10 hours test. Finished at 12:00 midnight. Began at 5:00 a.m.

Sunday, May 16, 1948

Rode to Holdrege with Steve Pickard and visited Ernst Orthman.

Monday, May 17, 1948

Reran test in 1st gear. Ran test "J" this afternoon. Einar Dahl came in this afternoon.

Tuesday, May 18, 1948

Watered track and ran test "J" over again. Massey-Harris started limber up test this morning. Skromme called in regard to test report on Ferguson.

Wednesday, May 19, 1948

Plan to check belt horsepower of Ford Tractor this morning. Obtained new belt for Massey-Harris Tractor.

Thursday, May 20, 1948

Began testing at 1:00 a.m. this morning. Completed all belt tests by noon today. Mr. Haller of Allis-Chalmers called today and expects to be here next Monday to discuss Tractor Testing application.

Friday, May 21, 1948

Putting liquid in Massey-Harris and getting it ready for drawbar tests Saturday morning.

Getting reports ready to go on Tiger Cat and also Oliver Tractor.

Saturday, May 22, 1948

Track was ruined. Decided to not do any testing.

Sunday, May 23, 1948

Had church dinner and pledge service this evening.

Monday, May 24, 1948

Ran drawbar tests on Massey-Harris Tractor.

Tuesday, May 25, 1948

Group of farmers visited Tractor Testing today. Ten hour run was made on Massey-Harris 55 today.

Wednesday, May 26, 1948

Taking fluid out of tires and getting ready for test "J". Getting test reports ready for publication.

Thursday, May 27, 1948

Meeting at Lincoln Hotel at 6:30 for Oliver Dealers Meeting to show pictures of Tractor Testing.

Finished up the test on Massey-Harris Tractor today.

Friday, May 28, 1948

Took Mr. Pfundstein out to airport.

Completed check on final reports of Tiger Cat and Oliver Tractors today.

Saturday, May 29, 1948

Took reports for Tiger Cat and Oliver to Railway Commission today.

Ray Heller called for a short visit today. Duane stopped enroute home today.

Sunday, May 30, 1948

Einar Dahl called today on his trip to Racine to obtain final report on Massey-Harris test.

Monday, May 31, 1948

Worked all day on reports in an effort to clean up all necessary work.

Tuesday, June 1, 1948

Had about 50 visitors from 4-H Club call at Tractor Testing.

Finished up the Ferguson report today.

Wednesday, June 2, 1948

Worked in office and cleaned up as much work as possible before leaving tomorrow am.

Thursday, June 3, 1948

Left at 6:30 this morning for Chicago and Detroit by plane. Arrived in Detroit by 2 p.m. Delivered test report to Hantzenroeder.

Friday, June 4, 1948

Spent day at Dearborn Motors with Mr. Bailey. He took us all over the city and showed us all the sites.

Saturday, June 5, 1948

Spent day with Mels Reynolds. Visited Mr. Skromme, Frevik, and others.

Visited the Ford Museum and Greenfield Village at Dearborn. Spent the evening at Ralph Frevik.

Sunday, June 6, 1948

Ralph Frevik took us to the airport this morning and we arrived in Lincoln at 5:10 this evening.

Monday, June 7, 1948

IHC "C" Tractor arrived today and started limber up test this a.m.



Tuesday, June 8, 1948

Completed limber up test this evening.

Wednesday, June 9, 1948

Getting tractor ready for belt test. Had meeting of Tractor Test Board today.

Thursday, June 10, 1948

Ran belt test on IHC "C" model Tractor today. Began at 2:00 a.m. in the morning and completed test by six 9'clock. Performance not goo. Want to check dynamometer, etc.

Friday, June 11, 1948

Checked dynamometer during forenoon and made some check runs during the afternoon.

Saturday, June 12, 1948

Opened up the engine and cleaned out the combustion chamber and re-assembled the engine. Decided to start operating again next Monday morning. Moved refrigerator from Ag. Engineering to Tractor Testing.

Sunday, June 13, 1948

Worked in office from 4 p.m. to 8 p.m.

Monday, June 14, 1948

Ran belt test on IHC Model "C" Tractor. Began at 2:00 a.m. Finished at noon. Got tractor ready for drawbar test.

Tuesday, June 15, 1948

Ran all drawbar tests today. Decided to rerun 100 per cent maximum over again tomorrow. Did not feel that we received quite enough power.

Wednesday, June 16, 1948

Reran test on 100 per cent maximum and was not able to do any better. Ran 10 hour test today finished at 10:00 p.m. this evening.

Thursday, June 17, 1948

Plan to recheck tractor on the belt today and check over tractor. Tractor was unable to develop within one horsepower on rated load. Had picnic at Pioneers Park tonight.

Friday, June 18, 1948

Opened up and checked Farmall "C" Tractor today. Got wire that Jamie's died this a.m. Plan to leave tomorrow a.m. for country.

Saturday, June 19, 1948

Enroute to Plainview because of Jamie's death.

Sunday, June 20, 1948

At Plainview.

Monday, June 21, 1948

Returned from Plainview, Nebraska today by way of Omaha. Attended Jamie's funeral this morning at 11:00 a.m.

Tuesday, June 22, 1948

Brock of Ford Motor co. called regarding test.

Worked in office all forenoon.

Went to town this afternoon and purchased some steel for building hitch for tractor.

Wednesday, June 23, 1948

Working in office all day. Gordon continued work on hitch for Massey-Harris. Planning dinner at F. D. Yung's tonight.

Thursday, June 24, 1948

Worked on tractors by getting them ready for diesel.

Friday, June 25, 1948

Calibrated 4 springs for test car and worked on computations.

Saturday, June 26, 1948

Working on computations and tractors. Cleaned out diesel fuel tank.

Sunday, June 27, 1948

Had meeting of finance committee for Warren Church.

Monday, June 28, 1948

Ran check test on Farmall "C" Tractor today. Fixed hitch for Oliver today.

Tuesday, June 29, 1948

Mr. Flamm arrived this a.m. awaiting the two new Allis-Chalmers Tractors.

Worked at office from 8 to midnight tonight.

Made trip to Mr. Cargo's office and delivered Ford and Massey-Harris report.

Wednesday, June 30, 1948

Recalibrated the 300 lb. spring this a.m. and getting all figures checked.

Took some pictures of IHC Farmall "C" Tractor and Kenneth Fang and his girl friend.

Thursday, July 1, 1948

Two new Allis-Chalmers tractors arrived to-day. We unloaded them and got them unloaded for operation. Drained oil and got everything in readiness for limber up run by 5 P.M. today.

Mr. Flowers of A.C. came to-day and applied for temporary permit for "G" tractor.

Friday July 2, 1948

Running H.D.19 and HD 5 for limber up test all day to-day.

Saturday July 3, 1948

Finished break in run on HD 5 and HD.19 Tractors.

Sunday July 4, 1948

Sunday July 4, and Monday July 5 were Holidays.

Tuesday July, 6, 1948

Started getting HD 5B ready for belt test. Worked all day and planned to start real early in the morning.  
Ted Holler arrived to-day to help test.

Wednesday July 7, 1948

Ran belt tests this A.M. and finished by 11 A.M. Laid off the rest of the afternoon.  
Mr. R.G. Grant of Melbourne, Australia came for visit to-day.

Thursday July 8, 1948

Went to work at 2.30 A.M. and ran 4 drawbar tests on HD5B to-day. Tried to run low gear but ground was too loose for any good readings. Planned to run 10 HR. run to-morrow.

Friday July 9, 1948

Had meeting of Tractor Test Board this A.M. and planned method of testing HD19. Rained last night so no tests were possible outside.  
Started testing HD19 On belt and started fire in roof. called Fire Dept. and extinguished flame.

Saturday July 10, 1948

Borgman, Sellock and Dean met at Tractor Test to-day to plan repair work.  
Ran test in 1st. gear on HD5B Tractor, then followed up by running 10 Hr. test on HD5B. Began at 4 A.M. and worked until 8.P.M.

Sunday July 11, 1948

Took Marie to Milford to the Kiwanis Camp.

Monday July 12, 1948

Worked on hitch all day for HD-19 test. Bought material from Lincoln Steel.  
Group of officials from Uni. called to plan installation for cooling grids.  
Visitor from Sweden and Cornell called to-day.

Tuesday July 13, 1948

Ran drawbar test on HD-19 after considerable work with hitch arrangement.

Wednesday July 14, 1948

Ran drawbar tests on HD-19 all day, after hitch had been rearranged.

Thursday July 15, 1948

Ran 10 Hr. test on HD-19 to-day.  
Allis-Chalmers W.D. Tractor came in to-day.

Friday July 16, 1948

Ran last test on HD-19. Started to tear tractor down for inspection.  
Craig Cannon and Crew arrived to-day and began limber up on "G" by getting tractor all ready to go.

Saturday July 17, 1948

Worked on two Allis-Chalmers Crawlers all day for final inspection. Kept two wheel tractors A.C. on limber up run all day.

Sunday July 18, 1948

Attended Sing Fest at Pine Wood Bowl to hear Dr. Kennedy for last time.

Monday July 19, 1948

Finished limber up run on Allis-Chalmers "G" and W.D. Got "G" all belted up.  
Loaded large HD-19 on flat car to-day.

Tuesday July 20, 1948

Ran belt test on Allis-Chalmers "G". Began at 1.00 A.M. and finished test at 10.00 A.M.  
Got W.D. ready for belt test.

Wednesday July 21, 1948

Got up at 1.00 A.M. to start belt test on W.D. Barometer was low and temperature high so called test off.

Thursday July 22, 1948

Ran test on W.D. Allis-Chalmers tractor this A.M. We began at 1.00 A.M.  
Ran some drawbar tests on "G" during afternoon.  
Pfundstein came this A.M. from Detroit.

Friday July 23, 1948

Ran all gears on "G" and started 10 hr. run in afternoon. Had difficulty and had to abandon test by 11.00 P.M. Blew out tire on loading unit.

Saturday July 24, 1948

Because we had been putting in such long hours we decided to do no test work on Saturday.  
Put on new tires to-day and moved Oliver inside.  
Smith, Cannon and Villmer came out for dinner.

Sunday July 25, 1948

Dale Weese and family came for Sunday dinner.  
Worked in Office from 7.30 until 11.00 P.M. to-night.

Monday July 26, 1948

Had track graded to-day with a road patrol.  
Began 10 hr. test at 12.27 to-day. Ended at 10.30 this evening.

Tuesday July 27, 1948

Started to run drawbar tests this morning at 5 A.M. Had some difficulty and had to rebuild front hitch. Did no more drawbar work to-day.  
Ran some tests on belts, using "G" tractor. Gained 0.3 H.P. by using a leather belt.

Wednesday July 28, 1948

Ran tests on all gears for 100% Max. and also Op. Max. between 4 A.M. and 7 A.M. Started 10 hour test by 8.40 P.M. and completed 10 hr. test by 6.40 P.M.

Thursday July 29, 1948

Rained last night. Track is soaked and unable to do any further testing to-day. Worked on computations all day.

Friday July 30, 1948

Attempted to run test "J" on W.D. but track went to pieces on us and test abandoned.  
Retested "G" to see if power would come back. Had lost considerable power.

Saturday July 31, 1948

Combustion Chamber was cleaned and when belted to dynamometer produced more power than official test; one horsepower more.

Sunday August 1, 1948

Went to Omaha to-day and brought Louise home.

Monday August 2, 1948

Opened Allis-Chalmers "G" for final inspection to-day. Took several pictures.

Tuesday August 3, 1948

Rained all day. Went down town.  
Called Tractor Co. in Texas. No definite date.

Wednesday August 4, 1948

Worked on track and ran test "J" during the afternoon.  
Intercontinental Tractor Co of Dallas Texas called to-day.  
Mr. Yonash said he could not come until August 23, 1948.

Thursday August 5, 1948

Danny's Birthday.  
Spent day finishing test inspection on Allis-Chalmers W.D. Finished computations on test "J" for tractor.

Friday August 6, 1948

Getting ready to leave for a trip to Colorado. Left town about 4 P.M.

Saturday August 7, 1948

Enroute from Holdrege to North Platte, Nebr.



Sunday August 8, 1948

Spent entire day at North Platte visiting Friends.

Monday August 9, 1948

Enroute from North Platte to Bridgeport, Scottsbluff and Cheyenne, Wyoming.

Tuesday August 10, 1948

Enroute from Cheyenne Wyo. to Fort Collins, Colo., Greeley, Longmont, Denver and Colo. Springs. We arrived at Colo. Springs by 8 P.M.

Wednesday August 11, 1948

At Colo. Springs all day. Visited the Zoo and attended a Rodeo in evening.

Thursday August 12, 1948

At Colo. Springs all day. Rode the cable car up the incline. Had picnic on mountain.

Friday August 13, 1948

Visited the Falls to-day and had picnic there. Drove over the Ramport Range Road. Heard little MarJoe in evening.

Saturday August 14, 1948

Stayed in Colo. Springs all day, getting ready for trip on Sunday.

Sunday August 15, 1948

Left Colo Springs at 6 A.M. for Clear Lake, 110 miles west of Colo. Springs for fishing trip. Crossed Continental Divide. Returned to Springs by 11.00 P.M.

Monday August 16, 1948

Left Colo. Springs by 9.15 A.M. enroute to Goodland, Kansas, St. Francis, and Atwood, Kansas. Stayed in Atwood to-night with Colemans. Roth.

Tuesday August 17, 1948

Visited Ratcliff, Mrs Luther, Clyde Jensen and others in Atwood before leaving for home. Left Atwood by 4 P.M. stopped at Trenton, McCook, and Holdrege. Arrived in Lincoln 12.30 A.M.

Wednesday August 18, 1948

In office all forenoon. Attended a meeting in afternoon with Mr. Hurlbut and Prof. Smith.

Thursday August 19, 1948

Worked in office all day.

Friday August 20, 1948

Spent all forenoon checking test report on "G" tractor. Delivered to Railway Commission in P.M. Made several other stops while downtown. Picked Wild Grapes! at the Weese Farm during evening.

Saturday August 21, 1948

Worked in office all forenoon. Intercontinental tractor arrived this evening.

Sunday August 22, 1948

Mr. Yonash arrived to-day and I brought him out to the Lab.

Monday August 23, 1948

Started working on the Intercontinental tractor this A.M.  
Left for Harlan, Iowa to attend Terracing contest.

Tuesday August 24, 1948

At Harlan, Iowa for National Terracing contest. Returned to Lincoln this evening.

Wednesday August 25, 1948

Had Tractor Test Board meeting to go over HD- 5B and HD-19 test reports.  
Ran checks on Intercontinental tractor to-day.

Thursday August 26, 1948

Ran more checks on Intercontinental tractor to-day.

Friday August 27, 1948

Tried a 4 bladed fan on Intercontinental fan to-day, no better results. Tried another carburetor, no better results.

Saturday August 28, 1948

Tried another head on Intercontinental.. Increased H.P. by about .3 H.P. Checked tractor on drawbar for Max. Load. Put 4 bladed fan on.

Sunday August 29, 1948

Attended model Aeroplane contest at Munny Field to-day.

Monday August 30, 1948

Began limber up test at 3 A.M. this morning. Completed this test to-day.

Tuesday August 31, 1948

Ran all belt tests from 2 A.M. until noon to-day. Spent P.M. at home resting. Prepared track during evening.

Wednesday September 1, 1948

Began at 4 A.M. and started to run all drawbar tests. Stopped running at 10 A.M.

Thursday September 2, 1948

Ran 10 hour test on Intercontinental to-day. Finished at 11.30P.M.

Friday September 3, 1948

Worked on calculations all day as well as office work.

Saturday September 4, 1948

Worked at home all day Saturday. Orthmann's arrived from Holdrege this P.M. Had picnic for Birthday Celebration.

Sunday September 5, 1948

Virgil Anderson and family came for Sunday dinner. Attended Board Meeting of Warren Church this evening.

Monday September 6, 1948

Worked at home this fore-noon. Attended Fair during afternoon. Orthmann's and Bergfeld's stayed at our house this evening. rain began.

Tuesday September 7, 1948

Rained all day. Entertained Orthmann's all forenoon and part of afternoon until they left at 3 P.M.

Wednesday September 8, 1948

Worked all day getting track ready for testing to-day.

Thursday September 9, 1948

Ran tests in 4th, 3rd, and 2nd gear to-day.

Friday September 10, 1948

Ran test "J" and "K" this morning. Spent afternoon at home celebrating 15 th Wedding Anniversary.

Saturday September 11, 1948

Dahl wired , tractor on way.  
Working on final checks on Intercontinental tractor. Tried it out on belt again. Working on final figures on report also.

Sunday September 12, 1948

Finished writing report on test no. 400 last evening by 11.00 P.M.  
Frank Sampson and family spent evening at our house.

Monday September 13, 1948

Pony arrived this morning. Completed the check on the Intercontinental tractor to-day.  
Einar Dahl arrived this evening from Racine.

Tuesday September 14, 1948

Began limber up test on Pony to-day. Einar Dahl, Harold Mizner and Mr. Valentine of Massey-Harris came to-day. Mr. Hitt and Herb Hartz also were present.

Wednesday September 15, 1948

Completed limber up test "A" to-day.

Thursday September 16, 1948

Ran belt test on Pony to-day. Began at 2 A.M. and ran until noon.

Friday September 17, 1948

Getting track ready for drawbar test work.

Saturday September 18, 1948

Ran test on all gears to-day on the Pony.

Sunday September 19, 1948

Attended Air Show at Air Base to-day.

Monday September 20, 1948

Started 10 hr. test to-day but got rained out. Also had trouble with load unit.

Tuesday September 21, 1948

Began 10 hr. run to-day. Began at 4 A.M. but unable to officially begin until 9.30 A.M., because of wet track. Finished at 8 P.M.

Wednesday September 22, 1948

Ran test "J" and rechecked tractor on belt. Started tractor inspection during P.M.

Thursday September 23, 1948

LeRoi tractor arrived this A.M. Mr. McPhail arrived this evening. Checked reports and completed test No. 401 to-day.

Friday September 24, 1948

Began checking Centaur tractor by operating on the belt for about 2 hrs. Checked gear ratios, Etc.

Saturday September 25, 1948

Continued getting Centaur ready for use by installing Tachometer drive.  
Iowa State and Nebr. played football to-day, 15 - 19 in favor of N.U.

Sunday September 26, 1948

Rested all day.

Monday September 27, 1948

Started Centaur out on limber up run. Took Mr. McPhail to Engineers Club Meeting to-nite.

Tuesday September 28, 1948

Completed limber up test on Centaur this morning. Getting ready for belt test to-morrow morning.

Wednesday September 29, 1948

Ran all belt tests on Centaur this morning, Finished by 3 P.M. Started to prepare track for drawbar tests this evening.

Thursday September 30, 1948

Ran all drawbar tests on Centaur in all gears.

Friday October 1, 1948

Ran tests on 10-24 tires.  
Bill Jim Dumlup for 12 hrs. Massey-Harris. 27 hrs. Cletrac.

Saturday October 2, 1948

Faculty and Student Reception to-night at 8 P.M.  
Ran 10 hr. test on Centaur to-day.

Sunday October 3, 1948

Rested at home all day . Attended Board Meeting to-nite.

Monday October 4, 1948

Ran test "J" on Centaur tractor to-day, after removing all liquid and wheel weight.

Tuesday October 5, 1948

Ran check on belt horse power this A.M.  
Went to Omaha this P.M. to see Erwin Equipment Co., Anderson Equipment Co. and also to see a Tractor.

Wednesday October 6, 1948

Ran some more tests on Centaur and drained out oil at end of Test.  
Took pictures of head and also took head down to Photo Lab. for pictures.

Thursday October 7, 1948

Opened Centaur for inspection to-day and checked it for performance.

Friday October 8, 1948

Checked all reports to date and prepared final copies.

Saturday October 9, 1948

Worked on wheels for Centaur to-day.

Sunday October 10, 1948

Went out to Gordon Olson's to take some pictures during the evening.

Monday October 11, 1948

Worked all day in the office. Gordon and boys worked on a hitch for Centaur tractor.

Tuesday October 12, 1948

Worked on hitch for Centaur all day.

Wednesday October 13, 1948

Massey-Harris men arrived this A.M. and were expecting tractor to be here.

Thursday October 14, 1948

Working on reports and general clean up.

Friday October 15, 1948

Massey-Harris 22 arrived this A.M. and limber up test started immediately.



Saturday October 16, 1948

Continue limber up test this morning. Started belt test at 2 P.M. and ran tractor until 12.30 A.M. Sunday.

Sunday October 17, 1948

Filled tires with solution during P.M. Also sprinkled track this evening.

Monday October 18, 1948

Ran all tests for "F" and "G" to-day. Had two visitors here from Denmark and one from Holland.

Tuesday October 19, 1948

Begin 10 hr. test to-day, which was completed by 4.30 P.M.

Wednesday October 20, 1948

Ran test "J" and "K" on Massey-Harris 22. We also rechecked 100% Max. and 1st. gear.

Thursday October 21, 1948

Started the Two Oliver 77 tractors out on limber up test. Opened Massey-Harris 22 RT. for inspection. Completed test report No. 403.

Friday October 22, 1948

Continued Oliver 77 on limber up test. Harold Mizner and Don Herzog left for Racine this noon.

Saturday October 23, 1948

Finished belt test about 10 A.M. this morning. Went home for rest after running test all night.

Sunday October 24, 1948

Rested all day to-day.

Monday October 25, 1948

Started at 6 A.M. this morning, to get ready for belt test. Finished at 7.30 P.M. Pete Burns and I attended Engineer's Banquet at Cotner Terrace.

Tuesday October 26, 1948

Started to recheck belt run on Oliver 77 Row Crop this morning. After lunch we started drawbar tests and completed test "F".

Wednesday October 27, 1948

Ran all drawbar gears to-day on Oliver 77.

Thursday October 28, 1948

Ran 10 hr. test to-day on Oliver 77.

Friday October 29, 1948

Rained this morning so was unable to do any test work. Spent day on calculations.

Saturday October 30, 1948

Homecoming . Worked in office all forenoon.

Sunday October 31, 1948

Called on new members for Warren Church.

Monday November 1, 1948

Ran a check run on the Oliver Row Crop 77 HC. to see about fuel consumption on drawbar. decided to re-run test.

Tuesday November 2, 1948

Ran test in all gears to-day and started 10 hr. test in the evening. Ran all night until 4.30 A.M. to complete 10 hr. run on Oliver Standard.

Wednesday November 3, 1948

Removed all added weight and ran test "J" and "K" to-day on the Oliver Standard 77 tractor.

Thursday November 4, 1948

Mr. Marsh and Mr. Ashfield, of David Brown Tractor Co. arrived to-day.

We worked on calculations all day to-day.

Friday November 5, 1948

Checked files to see no. of tractors that have been withdrawn since 1920. Found 24 tractors had been withdrawn since 1920.

Saturday November 6, 1948

Put Standard 88 on belt and checked tractor to see how much it could recover of original horsepower. Checked almost identical with original figures.

Sunday November 7, 1948

Stayed at home all day.

Monday November 8, 1948

Ran 10 hr. test on Oliver 77 Row Crop to-day. Also ran "J" and "K" on same tractor finishing 2A.M. Tuesday morning.

Tuesday November 9, 1948

Mr. Cross of Hercules Co. came to-day to help get tractors ready for test.

Putting Oliver Standard to-gether to-day and checking Row Crop on belt.

Wednesday November 10, 1948

Ran large Gibson tractor on belt. Engine boiled over, both wheel hubs broke during limber up test outside.

Went to Omaha in P.M. Ran large Gibson on belt during P.M. Checked small Gibson on drawbar.

Thursday November 11, 1948

Started Gibson "H" limber up run at 12.15P.M. to-day.  
Overhauled gear box on Gibson "I" to-day. Gear box seemed to offer considerable resistance.  
Fred Riddell arrived to-day and he found this carburetor was for a Distillate tractor.

Friday November 12, 1948

Credit Union Meeting at 4.P.M. Ran more checks on Gibson tractor to-day.

Saturday November 13, 1948

Working on Gibson tractors this A.M. Put on new hubs. Took radiator off.

Sunday November 14, 1948

Worked at office for several hours to-day.

Monday November 15, 1948

Put new heads on Gibson tractors and started to check results in evening. Ran until 12 P.M. midnight.

Tuesday November 17, 1948

Worked on "I" Model all day and ran a few tests. Ordered some parts for Tachometer drive.  
Mr. Parks and Mr. Cross arrived to-day.

Wednesday November 17, 1948

Checked Gibson "I" during afternoon and also Gibson "H". Mr. LaSalle of Hercules was here to-day. Company men decided to withdraw Model "I" to-day. Plan to test "H" however.

Thursday November 18, 1948

Had a group of visitors from Seward Veterans Training Class. Mr. Erwin of Erwin Equipment Co. of Omaha Nebr. and Mr. Price of Simpson Tractor Co. of California called to-day about test of Simpson tractor.  
George Downes called to-day about 4-H Club.

Friday November 19, 1948

Lt. O'Brien of Uni. Naval R.O.T.C. called at 1 P.M. to get information pertaining to Harry McDevitt regarding American Steel Tractor. O'Brien's Step Father is representing Harry McDevitt in a law suit in New York.  
Mr. Parks returned and signed a release for Model "I" Gibson tractor, also possible release for "H" if weather does not permit further testing.

Saturday November 20, 1948

Did no test work to-day at all. New parts did not arrive as expected. I worked at home all afternoon.

Sunday November 21, 1948

Stayed at home except for a few hours at Test Lab. during P.M.

Monday November 22, 1948

Began Carburetor calculations at 12.30 A.M. and ran all day.  
Checking Gibson "H". Attended Engineers Club Dinner at Y.W.C.A.  
and visited Naval R.O.T.C. Unit.

Tuesday November 23, 1948

Oliver called in regard to test. Continued running carburetor calibration on Gibson "H" all day. I Was Ill all day and stayed at home.  
Gibson decided to have both tractors returned.

Wednesday November 24, 1948

Arranged to ship both Gibson tractors by truck to Longmont, Colo.  
Leaving Lincoln by On-Time and transfer to McKie at Denver, then on to Gibson Co. at Longmont.

Thursday November 25, 1948

Thanksgiving Holiday. During P.M. machined bearing for a stud type generator.

Friday November 26, 1948

Spent forenoon at City. Pete Burns called this A.M. regarding test report. Ray Heller stopped by this P.M. for visit.  
Had conference with Prof. Smith this P.M.

Saturday November 27, 1948

Went out to see Army Surplus equipment at State Capital and at State Hospital.  
Worked in shop all afternoon for myself.

Sunday November 28, 1948

Worked in shop during afternoon and at office during evening.

Monday November 29, 1948

Worked on letters to send to all the tractor manufacturer's, regarding tests to be included in new summary sheet.

Tuesday November 30, 1948

Helped Prof. Smith all day in corn picking experiment.

Wednesday December 1, 1948

Went to the City this forenoon. Had staff meeting at 11.00A.M.  
Had meeting with Dean Lambert at 2 P.M. to discuss tractor testing.

Thursday December 2, 1948

Worked in office all day. Prepared statement of expenses for Gibson tractor. Also summary of work done on each tractor. Worked on saw all evening.

Friday December 3, 1948

Worked in office during forenoon. Worked in shop during afternoon. Worked on own saw all evening.

Saturday December 4, 1948

Worked in office all forenoon. Had meeting with E.A. Olson, regarding 4H Tractor Club. Mr. Weyand of J.I. Case called to see about 4H Tractor Club.

Sunday December 5, 1948

Monday December 6, 1948

Mr. McCoy, of Standard Oil called to-day. Worked in office all day except for conference with Smith, Hurlbut, etc.

Tuesday December 7, 1948

Meeting with Smith of 4H club office at 1 P.M. and discussed 4H tractor club meeting.

Wednesday December 8, 1948

Getting ready for oyster stew for A.S.A.E. boys to-night. Mr. Chase talked to group. 60 people were present.

Thursday December 9, 1948

Cleaned up following oyster stew last night. Started building grader for campus upkeep.

Friday December 10, 1948

Credit Union meeting at 4 P.M. 310 Teachers College. Mr. Miller of Heil Co. called for tractor information to-day. John Weisma was out to dinner to-night.

Saturday December 11, 1948

Attending basket ball game to-night. Leaving for Chicago at 11.43 P.M. Obtained new fuel pump for cletrac. Purchased new shop coats for Gordon and myself.

Sunday December 12, 1948

Supposed to arrive in Chicago early Sunday A.M.

Monday December 13, 1948

Attending A.S.A.E. meeting in Chicago, Stevens Hotel.

Tuesday December 14, 1948

Attending A.S.A.E. meeting in Chicago.



Wednesday December 15, 1948

Attending A.S.A.E. meeting in Chicago, Stevens Hotel.  
Leaving for Lincoln this evening.

Thursday December 16, 1948

Move tree for Virgil Anderson.  
Twenty farmers from Takama at Test Lab. all P.M.  
L.P. Surtzer here about conversions.

Friday December 17, 1948

Worked in office all day. Prepared letter for church  
to-day. Attended Xmas party at Warren church to-night.

Saturday December 18, 1948

Worked in office all day.

Sunday December 19, 1948

Xmas party held at Mr. Hurlbut's place in South Lincoln.  
Gordon left for So. Dakota to-day.

Monday December 20, 1948

Tractor Test Board meeting this A.M. Preparing for meet-  
ing with Chancellor.  
Worked on Cletrac dozer this P.M.

Tuesday December 21, 1948

Worked on Experiment Station project and in office all day.

Wednesday December 22, 1948

Had meeting with Chancellor and Dean Lambert to-day.  
Helped pick corn this A.M.

Thursday December 23, 1948

4 H Club meeting at 9 A.M. on Thurs. Worked in office all P.M.  
George Downes called for a short time to-day. Met Amy and Carl  
from Colo. Springs to-night.

Friday December 24, 1948

Worked on trailer all day.

Saturday December 25, 1948

Celebrated Xmas all day.

Sunday December 26, 1948

Worked on trailer all evening.

Monday December 27, 1948

Completed work on trailer during forenoon. Worked in office  
during P.M.

Tuesday December 28, 1948

Mr. Weyand called to discuss 4-H tractor club this morning.  
Mr. Baker of I.H.C. called this P.M. regarding 4-H tractor club  
this P.M.  
Worked in office during balance of day.

Wednesday December 29, 1948

Called at mechanical Eng. to see if some shop work could be done.  
No luck. Tried to get parts at Cushman but no luck.  
Took Danny to show in evening.

Thursday December 30, 1948

Cleaned up Lab. in general and worked in office all day.

Friday December 31, 1948

Spent entire day in Omaha. Contacted Standard Oil, John Deere,  
and Oliver while there.

Saturday January 1, 1949

H oliday. Worked on my trailer all day.

Sunday January 2, 1949

Spent day at home.

Monday January 3, 1949

Getting ready to revamp fuel room.

Tuesday January 4, 1949

Met with Test Board to discuss revision of test law. Mr Cargo came out for a meeting at 1 P.M.

Wednesday January 5, 1949

Spent day in office. Revised test law for consideration and wrote several letters.

Thursday January 6, 1949

Going to Sheldon, Iowa for meeting with veteran Trainees and Voc. Ag. classes.

Friday January 7, 1949

Visited Alvin Howe residence south of LeMars I<sup>U</sup>wa to see heat pump operate.

Saturday January 8, 1949

Worked in office all forenoon.

Had call from George Downes that he couldn't accompany me on trip west.

Sunday January 9, 1949

Leaving for Holdrege this afternoon, but decided to call trip off due to storm.

Monday January 10, 1949

Worked on panels all day and also worked in office.

Cancelled trip to western part of state.

Tuesday January 11, 1949

Started to paint Lab. after hanging panels.

Checked on 4-H Club material. Attended tractor board meeting this A.M.

Wednesday January 12, 1949

Worked in building all day. Painted walls all over.

Proof of summary sheet was brought out to-day.

Thursday January 13, 1949

Cleaned up in general to-day. Moved large Weight tester outside to-day.

Friday January 14, 1949

Did some more painting. Read proof on summary sheet all afternoon.

Met with auditing committee to-day.

Saturday January 15, 1949

Worked in office all forenoon.

Sunday January 16, 1949

Monday January 17, 1949

Enroute to Grand Island and Norfolk and return.

Tuesday January 18, 1949

Attempting to find funds for concrete work. Started requisition.

Wednesday January 19, 1949

Getting ready for meeting. Mr. Weyand and Mr. Downes were here to help all day

Thursday January 20, 1949

Obtained confirmation of order for concrete this A.M.  
Excavated all rocks in Test Lab. and poured  $8\frac{1}{2}$  yards concrete floor  
6" thick 1-  $4\frac{1}{2}$  mix.

Friday January 21, 1949

Hauled chairs and got ready for 4-H tractor Leaders meeting. Attended faculty meeting this A.M.

Saturday January 22, 1949

Cleaned up in general about building.

Sunday January 23, 1949

Worked on subj. matter plans for Tractor meeting from 3 P.M. until 10:30.

Monday January 24, 1949

Preparing for 4-H tractor club. Helped get Tractor Test Bulletin ready.

Tuesday January 25, 1949

Preparing for 4-H tractor club.

Wednesday January 26, 1949

Began 4-H Leaders Training Meeting to-day. Ten men reported.

Thursday January 27, 1949

4-H Tractor club meeting.

Friday January 28, 1949

Snowbound. However all of 4-H Leaders arrived. Attended Banquet in evening.

Saturday January 29, 1949

Cleaning up following 4-H Leaders Training Meeting.

Sunday January 30, 1949

Stayed home all day.

Monday January 31, 1949

Cleaning up Laboratory following 4-H Tractor Club Meeting.

Tuesday February 1, 1949

Answered letters all forenoon. Met with Executive group of Gamma Sigma Delta this noon.

Wednesday February 2, 1949

Thursday February, 3, 1949

Discussed Tractor Test with two classes to-day. Talbert and Baker moved Farmall M.D. out to-day.

Friday February 4, 1949

Met with Petersen's class this afternoon. Loading up truck to-day for trip to Norfolk Monday.

Saturday February 5, 1949

Loaded up truck for trip on Monday.

Sunday February 6, 1949

Monday February 7, 1949

Pay Hospital Insurance this week \$2.80 Per. Mon.  
Write Eddie Potter immediately when returning.

Tuesday February 8, 1949

Had meeting at Norfolk to-day for 4-H Tractor Club.

Wednesday February 9, 1949

Returned from Norfolk to-day. Stopped at Columbus and visited several manufacturing places. Arrived in Lincoln about 4.30 P.M.

Thursday February 10, 1949

Worked on correspondence all day.

Friday February 11, 1949

Helped clean up fuel room in general after unloading truck from trip to Norfolk.

Saturday February 12, 1949

Stayed at home all day. Went to see a show with family during evening.

Sunday February 13, 1949

Stayed at home all day after attending church in forenoon.



Monday February 14, 1949

Attended Extension conference in morning. Attended Tractor Test Board meeting at 9.30 until 11.00 A.M. Met with Railway Commission at 12.30 until 4.30 P.M.

Tuesday February 15, 1949

Worked in office all day.

Wednesday February 16, 1949

Attended Staff Meeting this A.M. Went to Milford this P.M. to see about getting a hydraulic cylinder built.

Thursday February 17, 1949

Cut an air cleaner in two this A.M. Had meeting of Gamma Sigma Delta this noon. Met Bill Smith about accounts. Went to print shop to see about new summary sheet.

Friday February 18, 1949

Went to Milford this P.M. to see about making hydraulic cylinder. Worked on Air cleaner cross section.

Saturday February 19, 1949

Worked on cross section of air cleaner.

Sunday February 20, 1949

Monday February 21, 1949

Went to Grand Island to-day in preparation for 4-H Tractor Club.

Tuesday February 22, 1949

Had 4-H Tractor Club Meeting at Grand Island to-day. 28 attended.

Wednesday February 23, 1949

Don Anderson of Dearborn Motoes called to-day about rental time for test.

Merlin Hansen called about John Deere "R" test.

Cleaned up in general following return to Lincoln. Unloaded truck and started to set up exhibit for Friday Meeting.

Thursday February 24, 1949

Getting ready for meeting to-morrow.

Friday February 25, 1949

Had 4-H Tractor Club Leaders Training Meeting here to-day. Five leaders came.

Saturday February 26, 1949

Cleaning up following meeting held yesterday.

Sunday February 27, 1949

Stayed at home all day. Cliff and Mammie arrived this evening.

Monday February 28, 1949

Went to Dentist in Morning and spent balance of day visiting with Cliff.

Tuesday March 1, 1949

Worked in office all day.

Wednesday March 2, 1949

Moved test car in building and started to prepare for testing.

Thursday March 3, 1949

Get amphenol connectors. order Ford parts. Worked in office all day.

Friday March 4, 1949

Worked in office all day. Took brakes to Messers to have them relined.

Saturday March 5, 1949

Took pictures for Manhattan talk.

Sunday March 6, 1949

Had board meeting to-night.

Monday March 7, 1949

Dentist at 9.00 A.M. Worked in office balance of the day.

Tuesday March 8, 1949

Got ready for Gamma Sigma Delta Dinner to-day. Worked on test car all P.M.

Wednesday March 9, 1949

Worked all day on brakes on test car.

Thursday March 10, 1949

Worked in office all forenoon. Went to town during P.M. to get pictures, bearing, etc.

Friday March 11, 1949

Worked on test car all forenoon. Attended hearing for Tractor Test Bill presented at State House.

Saturday March 12, 1949

Worked on curves all day.

Sunday March 13, 1949

Worked on data for Manhattan Meeting.

Monday March 14, 1949

Worked on test car all day to-day. Also getting slides ready for A.S.A.E. meeting.

Tuesday March 15, 1949

Punch PFundstein arrived to-day and spent forenoon with him.  
Getting slides ready for Kansas Meeting in afternoon.

Wednesday March 16, 1949

Went to Omaha to-day and visited M-H; Erwin Equipment Co.; Oliver; J.I. Case;  
A-C; John Deere; Caterpillar and Carl Anderson's. Drove my own car.  
Coleman Toth came for visit.

Thursday March 17, 1949

Worked in office all forenoon. Getting ready for trip to-morrow.  
Harvey arrived this afternoon for visit.

Friday March 18, 1949

Preparing to leave for Manhattan after lunch. Arrived in Manhattan by 7 P.M.

Saturday March 19, 1949

Attended A.S.A.E. meeting at Kansas State College during forenoon. Returned  
to Lincoln by 6 P.M.

Sunday March 20, 1949

Harvey and Clara left for home to-day. Carlton Zink called from Akron to-day.

Monday March 21, 1949

Spent forenoon working in Lab. Getting ready to leave Tuesday for meeting.  
Went to City in afternoon.

Tuesday March 22, 1949

Getting loaded and ready to leave at 2 P.M. to-day for Ord, Nebr.  
Arrived at 6 P.M. and stayed at Ord to-nite.

Wednesday March 23, 1949

Drove on to Burwell and conducted a Tractor Maintenance Meeting at High  
School. Stayed over-nite at Burwell.

Thursday March 24, 1949

Held meeting at Bartlett and had about 92 people present.

Friday March 25, 1949

Had Tractor Maintenance Meeting at Ord to-day. About 45 attended.

Saturday March 26, 1949

Returned to Lincoln to-day. Stopped at several Implement Dealers on way  
home.

Sunday March 27, 1949

Took pictures of Zink family celebrating 50th Anniversary. Took Carlton  
to train this evening.

Monday March 28, 1949

Went to dentist this forenoon. Had meeting of Tractor Test Board after  
lunch to-day.

Tuesday March 29, 1949

Had meeting of Gamma Sigma Delta officers this noon. Worked on mail in office.

Wednesday March 30, 1949

Worked in office all day.

Thursday March 31, 1949

Worked in office all forenoon. In Laboratory during afternoon.

Friday April 1, 1949

Worked in Laboratory all day.

Saturday April 2, 1949

Stayed at home to work in garden all day.

Sunday April 3, 1949

Had dinner at Gordon's to-day.

Monday April 4, 1949

Went to dentist during forenoon. Worked in Lab. during P.M.

Tuesday April 5, 1949

Worked in office all forenoon. Checked test car during afternoon.

Wednesday April 6, 1949

Getting ready to calibrate in forenoon. Calibrated springs during P.M.

Thursday April 7, 1949

Calibrated springs all day to-day.

Friday April 8, 1949

Calibrated springs all day.

Saturday April 9, 1949

Calibrated more springs to-day. Gamma Sigma Delta Meeting at 11.A.M.

Sunday April 10, 1949

Called on the Plums to-day.

Monday April 11, 1949

M.M. called to-day about change in test date.

Called M. Harris about change in test date. Worked at Photo Lab. Preparing slide.

Went to Tecumseh and met with Veterans (47) to-night. Returned by 2 A.M. Tues.

Tuesday April 12, 1949

Called Long Tractor Co. to-day about change in date. Worked in office all forenoon. Worked in Lab. all P.M.

Wednesday April 13, 1949

Worked in Laboratory all day to-day.

Thursday April 14, 1949

Called Carl Reller of M.M. and Changed test date. Wired Tire and Rim Association in regard to tires for John Deere "R".  
Mr. Maxwell of I.H.C. Called to-day about putting a TD-14 out here.

Friday April 15, 1949

Fired more Chart racks and cleaned up in general. Talked to Merlin Hansen last night. He will call early Sat. Morning.

Saturday April 16, 1949

Worked on Cletrac all day to-day.

Sunday April 17, 1949

Worked at office three hours to-day.

Monday April 18, 1949

Arrange Gamma Sigma Delta meeting to-morrow. Expect Mr. Rolf & Gortz to-day.  
John Deere called and are on their way. Mr. Parks called and wants to test.

Tuesday April 19, 1949

Begin Limber up test on John Deere.

Wednesday April 20, 1949

Finished limber up test on John Deere "R". Ran entire belt test to-nite.  
Finished at 11.30 P.M.

Thursday April 21, 1949

Started Drawbar tests this A.M. Rained before any tests were completed.

Friday April 22, 1949

Ran drawbar tests all day. - Short of power.- Decided track was not adequately prepared so started packing all night.

Saturday April 23, 1949

Packed track with sheep foot roller to-day. also in evening.

Sunday April 23, 1949

Sprinkled track during evening.

Monday April 25, 1949

Ran 10 hr. test to-day. Also all other gears in morning.

Tuesday April 26, 1949

Making test on "R" Diesel in 2nd gear. Also test "J".

Wednesday April 27, 1949

Test Two tractors for Gibson.  
Finishing test on John Deere "R" Diesel. Put Hydraulic pump and clutch for take-off and made a check run.



Thursday April 28, 1949

Inspected "R" Diesel to-day and put it to-gether again.

Friday April 29, 1949

Jno Deere men left for Waterloo to-day. They told us that we could keep "R" until October.

Gibson "H" arrived to-day. Einar called and we delayed his test until May 12, 1949. Hosford called in regard to temporary permit.

Saturday April 30, 1949

Made reservation at Cornhusker Hotel for rooms for Einar Dahl and Harold Mizner.

Sunday May 1, 1949

Worked in office all forenoon.

Monday May 2, 1949

Started limber up run on Gibson "H". Mr Hosford came from Omaha to-day to get permit for MT tractor.

Tuesday May 3, 1949

Ran belt test to-night. Finished limber up test to-day before belt test.

Wednesday May 4, 1949

Ran all drawbar tests to-day.

Thursday May 5, 1949

Pfundstein arrived to-day. Ran 10 hr. test on Gibson "H" tractor to-day. Started at 4 A.M. Ran 4th gear and test "J" before closing down.

Friday May 6, 1949

Checked model "I" to-day and worked on calculations all day. Two men from Germany arrived to-day.

Saturday May 7, 1949

Ran limber up test on Gibson "I" to-day.

Sunday May 8, 1949

Worked in office during evening.

Monday May 9, 1949

Ran belt test on Gibson model "I" to-day.

Tuesday May 10, 1949

Ran 10 hr. test on Gibson "I" tractor to-day.

Wednesday May 11, 1949

Finished up final tests on Gibson "I" tractor to-day.

Thursday May 12, 1949

Massey-Harris 30 arrived this morning. Started limber up test in P.M.

Friday May 13, 1949

Completed test on Massey-Harris 30 this evening. Completed inspection of Gibson "I" and "H" to-day.

Saturday May 14, 1949

Getting Massey-Harris ready for test to-day.

Sunday May 15, 1949

Monday May 16, 1949

Unable to run any belt test because of wet weather.

Tuesday May 17, 1949

Gamma Sigma Delta Banquet to-nite. No test run started.

Wednesday May 18, 1949

Long tractor arrived yesterday and we started limber up run this P.M.

Thursday May 19, 1949

Ran belt test on Massey-Harris 30 to-day. Completed this test. Started 4 A.M. and ran until 3 P.M.

Friday May 20, 1949

Unable to do any drawbar work as it is too wet. Started to open Massey-Harris 55 to put in new pistons and sleeves.  
Limber up Long tractor on road.

Saturday May 21, 1949

Worked on Massey-Harris 55 all day. Had it completely overhauled with new pistons and sleeves, new carburetor and distributor.

Sunday May 22, 1949

Pledge Sunday at Church to-day.

Monday May 23, 1949

Completed belt test on Long this Morning.

Tuesday May 24, 1949

Started drawbar tests on Massey-Harris 30 to-day. Started 10 hr. run at 7:30 P.M.

Wednesday May 25, 1949

Completed drawbar tests on Massey-Harris 30 tractor to-day. Ran all through the night.

Thursday May 26, 1949

Ran drawbar test on Long tractor. Started 10 hr. test at 11:40 A.M. and finished at 9:40 P.M.

Friday May 27, 1949

Dinner for Brackett May 27 in Y.W.C.A. 6:30 P.M. Ran "J & K" but data questionable.

Saturday May 28, 1949

Checked Calculations on Long test to-day. M.M. tractor arrived here at noon.

Sunday May 29, 1949

Installed new shock absorbers on car this P.M.

Monday May 30, 1949

Visited with two men from Mexico City, Mexico all forenoon. Spent part of afternoon at office and part working at home. Had picnic at home in evening. Mr. Holland helped water track.

Tuesday May 31, 1949

Started Work at 5 A.M. to-day. Ran test "J & K" this A.M. Started M.M. tractor on limber up test to-day.

Wednesday June 1, 1949

Worked on calculations for Long tractor and completed inspection of Same. Continued test on M.M. tractor to-day.

Thursday June 2, 1949

Exam. of W.A. McConnell's Thesis 204 Richards Lab. 2 P.M. to-day. Completed calculations on Long tractor. Getting ready to run belt test on M.M. to-day.

Friday June 3, 1949

Ran all drawbar tests on M.M. tractor this afternoon. Meeting with Railway Commission to-day.

Saturday June 4, 1949

Ran 10 hr. test to-day on M.M. tractor. Went to Sioux City for Duane's Wedding.

Sunday June 5, 1949

Spent day at home resting until Sampson's called in evening.

Monday June 6, 1949

Completed tests on M.M. tractor to-day. Oliver 66 tractors arrived this A.M.

Tuesday June 7, 1949

Rained all day. Worked on calculations all day.

Wednesday June 8, 1949

Finished calculations on M.M. UTS. Inspected M.M. tractor following test.

Thursday June 9, 1949

Changed tires on Oliver 66 Row Crop so that more weight could be added. Finished limber up test.

Friday June 10, 1949

Started making preliminary belt checks on Oliver 66 Row Crop to-day.

Saturday June 11, 1949

Decided not to make any tests to-day. Left for Plainview to-day.

Sunday June 12, 1949

Returned from Plainview to-day. Rain prevented any test work to-night.

Monday June 13, 1949

Installing new tires on STD. Oliver tractor. Started limbering with new tires.

Tuesday June 14, 1949

Getting ready to run belt test to-nite.

Wednesday June 15, 1949

30 to 40 visitors here Wed.

Ran all drawbar tests on Row Crop Oliver HC to-day. Ran belt test last night on 66 tractor.

Thursday June 16, 1949

Ran 10 hr. test on Oliver 66 HC Row Crop. Mr Wright of England visited Lab. to-day. Ran belt test on STD. last nite.

Friday June 17, 1949

Ran 100% Max. test and started 10 hr. rated load test on Standard Oliver 66 HC. Met with Voc. Ag. group to-day.

Saturday June 18, 1949

F.H.A. group coming to visit Tractor Test Lab. this A.M.

Rained last nite. No tests made at all. Finished calculations.

Sunday June 19, 1949

Worked in office from 5 A.M. to 10:30.

Monday June 20, 1949

Ran all drawbar tests on Oliver Std. 66 to-day. Worked on calculations in P.M. Received application for D-8 to-day.

Tuesday June 21, 1949

Rained last night so we were unable to do any drawbar testing this A.M.

Wednesday June 22, 1949

Mr. Jamieson and Mr. Monroe of Railway Commission (Inspector) called to-day. Started to limber up USTRAC which arrived to-day.

Thursday June 23, 1949

Started recheck on Oliver STD 66 to-day, but got rained out after running 2 hr. Limbering up USTRAC.

Friday June 24, 1949

Checked Oliver 66 Row Crop to-day. Put USTRAC on belt but did not run. Pete Burns went to Omaha to-day to get parts for clutch. Installed parts to-day, but didn't get all necessary parts.

Saturday June 25, 1949

Began running USTRAC at 4 A.M., but unable to get over 21.20 HP. Shut down about 5:30 P.M. Started 10 hr. test on Oliver STD. and finished by 10 P.M.

Sunday June 26, 1949

Had Picnic with Arms and Plums this evening. Getting ready to start belt test at 1 A.M. to-Nite.

Monday June 27, 1949

Ran belt test this A.M. and started drawbar test on USTRAC tractor.

Tuesday June 28, 1949

Ran 10 hr. test to-day.

Wednesday June 29, 1949

Ran more tests to-day with weights on.

Thursday June 30, 1949

Completed tests on USTRAC to-day.

Friday July 1, 1949

Started to calibrate springs to-day.

Saturday July 2, 1949

General housecleaning to-day. Worked on my car during P.M.

Sunday July 3, 1949

Rested all afternoon. Had picnic during evening.

Monday July 4, 1949

Worked at home in forenoon. Spent afternoon at office.

Tuesday July 5, 1949

Received test application from JNO. Deere to-day.

Wednesday July 6, 1949

Arranged to have equipment ready for picture taking this afternoon.  
John Mercer took movie shots during P.M.

Thursday July 7, 1949

Took pictures inside all forenoon of tractor testing. Worked on sprinkler to-day.

Friday July 8, 1949

Working in Lab, all day.

Saturday July 9, 1949

Made up Skid and general house-cleaning.

Sunday July 10, 1949

Rested all day.

Monday July 11, 1949

4 Caterpillars arrived to-day. Started limber up after servicing all 4 tractors.

Tuesday July 12, 1949

D-4 { 4 $\frac{1}{4}$  hrs. on stop watch  
2 hrs. by clock  
Limbered up all 4 large caterpillar tractors.



Wednesday July 13, 1949

Started drawbar tests on D-8, but was rained out during P.M.

Thursday July 14, 1949

No testing to-day due to rain. George Downes stopped to-day.

Friday July 15, 1949

Still too wet for drawbar test to-day.

Saturday July 16, 1949

No testing to-day as track was still too wet. Had picnic Sat. night.

Sunday July 17, 1949

Went to Plattsmouth this afternoon to see Kiser's. Noble was home from Texas.

Monday July 18, 1949

Started drawbar testing of D-8 to-day. Finished 10 hr. test at Midnight.

Tuesday July 19, 1949

Started drawbar tests on D-6. Completed all drawbar tests to-day. Had dinner with Caterpillar men to-night.

Wednesday July 20, 1949

Ran 10 hr. test on D-6 to-day. Had trouble with test car in A.M., delaying test about 3 hrs.

Thursday July 21, 1949

Rained last night. No drawbar testing to-day. Starting belt test on D-6 this A.M.

Friday July 22, 1949

Ran drawbar tests on D-4 to-day. Went to Milford to get Hydraulic Cylinder to-day.

Saturday July 23, 1949

Raining this A.M. Unable to run on track. Working on Calculations and putting pulley on D-4. Ran belt test, finishing about 6 P.M.

Sunday July 24, 1949

Worked at office about 3 hrs Sunday night.

Monday July 25, 1949

Ran all drawbar tests on D-2 in A.M. and started 10 hr. run on D-4 about 1.30. Finished about midnight.

Tuesday July 26, 1949

Started running D-2 on 10 hr. rated test about 1.25 A.M., finished by noon. Started belt test and finished in evening.

Wednesday July 27, 1949

Took pictures of D-8 and all tractors this A.M. Caterpillar men left this P.M. Graded track during afternoon.

Thursday July 28, 1949

Behlen Bros. Brought tractor here for testing new device for added power.

Friday July 29, 1949

Continued check on Ford tractor. Worked at shop and cleaned up in general. I worked at home all day. Had call from Farmaster and also Intercontinental.

Saturday July 30, 1949

Cleaning up around shop and getting ready for next week. Finished up the reports on the caterpillar tractors.

Sunday July 31, 1949

Had picnic in evening.

Monday August 1, 1949

Worked in office all day. Called Yonash and Oliver.

Tuesday August 2, 1949

Worked in office all day. Painting in back. Finished curves for slides. Sorted pictures.

Wednesday August 3, 1949

Yonash arrived to-day. Tractor came in evening. Stamler helped get Farmaster tractors ready for test to-day. Started limber up test.

Thursday August 4, 1949

Made arrangements to get float to work on track. Limbering up Farmaster tractor. Started limber up on Intercontinental. Shipped out Oliver tractors to-day.

Friday August 5, 1949

Limbering up gas job for Farmaster. Installing oil pump for Intercontinental. Columbus firm making mowers called to-day.

Saturday August 6, 1949

Sunday August 7, 1949

Spent all Sunday forenoon at office and shop installing injector pump on Intercontinental.

Monday August 8, 1949

Finished limber up test on Intercontinental and ran belt test on Farmaster. Mr. Hartzler arrived to-day. He was President of Farmaster Corporation.

Tuesday August 9, 1949

Ran belt test on Intercontinental.

Wednesday August 10, 1949

Rained last nite. No test to-day. Ran check on Farmaster Gas. Tractor to-day.

Thursday August 11, 1949

Started Drawbar test on Farmaster Diesel to-day. Ran all gears and also 10 hour test. Finished at midnight.

Friday August 12, 1949

Ran all drawbar tests on Intercontinental this A.M. and started 10 hr. test which was finished by 10 P.M.

Saturday August 13, 1949

Ran test "J" & "K" on Intercontinental this A.M. Worked on Calculations all P.M.

Sunday August 14, 1949

Rested all day.

Monday August 15, 1949

Ran all creeper gears on Farmaster Diesel to-day. Ran "J" & "K" also by evening. Quit at 6P.M.

Tuesday August 16, 1949

Ran belt test on Farmaster Gas. job this A.M. and Inspected Intercontinental.

Wednesday August 17, 1949

Started drawbar test on Farmaster Gas. job to-day at 5 A.M. Started 10 hr. test at 7.20 A.M.

Thursday August 18, 1949

Ran recheck on Farmaster Gas. tractor on belt to-day. Rained last night so we were unable to test outside. Rained again about 10.27.

Friday August 19, 1949

Went to Columbus. Called on Behler Bros. Soil mower, Kosch Mfg. Co., Joy Rider Seat Co.

Saturday August 20, 1949

Worked in office all forenoon and spent after noon at home.

Sunday August 21, 1949

Worked in office 3 hours Sun. P.M. Sent wire to Jno. Deere at Dubuque. Sent wire to Punch at Detroit.

Monday August 22, 1949

Ran drawbar tests on Farmaster Gas. to-day.

Tuesday August 23, 1949

Made final inspection on Farmaster Gas. to-day.

Wednesday August 24, 1949

Working in shop all day. Getting reports ready.

Thursday August 25, 1949

Mr. Hynes of LeRoi Engine Co. arrived to-day. Corbitt tractor came this evening, but will not deliver until morning. Worked on reports all day.

Friday August 26, 1949

Corbitt tractor arrived to-day and a Mr. Hynes from LeRoi Engine Co. arrived. Day was spent checking over tractor completely. Started limber up test in evening.

Saturday August 27, 1949

Unable to do any test work to-day due to rain. Attended Board Meeting for two hours.

Sunday August 28, 1949

Rested all day. Evening went to Pine Wood Bowl. Took Ferguson's along.

Monday August 29, 1949

Gene Whitson arrived to-day. Spent all day limbering up Corbitt tractor. Started 6 A.M. finished 6 P.M. Started belt test but shut down at 10 P.M. because of rain.

Tuesday August 30, 1949

Started belt run at 6 A.M. Rain made track just fine to-day.

Wednesday August 31 1949

Ran 10 hr test on Corbitt tractor to-day.

Thursday September 1, 1949

Ran test on used HCM during night. Working on calculations.  
Robert Beach began working here to-day. Ran test "J" & "K" on Corbitt.

Friday September 2, 1949

Started limber up run on John Deere MT. Worked on calculations all day.  
Started belt test on John Deere MT to-night at 10:30 P.M.

Saturday September 3, 1949

Ran belt tests all night (Midnite on ), but unable to get horsepower .  
Changed oil from SAE 30 to SAE 10 and horsepower increased. Decided to shut down for balance of week.

Sunday September 4, 1949

Rested at home all afternoon.

Monday September 5, 1949

Entertained 6 foreigners at Tractor Test all forenoon.

Tuesday September 6, 1949

Rained last night no testing to-day. Cleared and we started limber up test at 2 A.M. ran all night until 2 A.M. Wednesday.

Wednesday September 7, 1949

After completing limber up test , ran tractor on belt all day and night.

Thursday September 8, 1949

After completing one set of readings for belt test we decided to rerun all belt tests to-day. Finish about 10 P.M.

Friday September 9, 1949

Everybody going to the Fair.

Saturday September 10, 1949

Rained this A.M. Unable to do any test work at all. Took P.M. off.

Sunday September 11, 1949

Spent day at home resting. During evening we went to young married couples meeting at Sanders.

Monday September 12, 1949

Unable to do any testing due to wet weather. Worked in office all day.  
Getting Bulletin and Summary Sheet ready.

Tuesday September 13, 1949

Started rolling track this A.M. but still soft. Ran 100% in evening but decided to re-run to-morrow.

Wednesday September 14, 1949

Ran all drawbar tests on John Deere MT. tractor to-day.

Thursday September 15, 1949

Started 10 hour test on John Deere MT. to-day.

Friday September 16, 1949

Finished re-check of drawbar tests and started inspection of John Deere MT.

Saturday September 17, 1949

Worked in office all day while rest used this as a holiday.

Sunday September 18, 1949

Rested during P.M. to-day.

Monday September 19, 1949

Johnnanssen came to fix "R" to-day. Started limber up run on Silver King tractor to-day. Started belt run late to-nite.

Tuesday September 20, 1949

Finished belt run by 1 P.M. Started Drawbar test this A.M. Ran all gears. Mr. Gilbert and Mr. Root arrived to-day. Assembled "R" after replacing broken gear.

Wednesday September 21, 1949

Started 10hr. test this A.M. Finished by 4 P.M.

Thursday September 22, 1949

Ran test "J" on Silver King to-day and checked tractor and engine.

Friday September 23, 1949

Finished calculations and checked reports to-night.

Saturday September 24, 1949

Worked on calculations all forenoon.

Sunday September 25, 1949

Gathered corn on agronomy farm and visited Ferguson's to-day.

Monday September 26, 1949

Started belt run this A.M. at 2 O'clock. Completed 100% and stopped test for cooler weather. McSherry of Cletrac arrived this A.M.

Tuesday September 27, 1949

Finished belt test early this morning and started drawbar tests by 10 A.M. Ran all gears to-day.

Wednesday September 28, 1949

Started 10 hr. test this A.M. at 3 O'clock. After this ran "J&K". Three Massey-Harris tractors arrived early this morning. Started limber up on Diesel this P.M.



Thursday September 29, 1949

Completed limber up on Diesel and started belt run about 1 A.M. Friday.

Friday September 30, 1949

Ran all drawbar tests and also 10 hr. test this P.M. Finished belt run about 8 or 9 A.M.

Saturday October 1, 1949

Finished test on Diesel this A.M. Ran test "J" and Fifth gear.

Sunday October 2, 1949

Rested all day to-day except for 3 hours work this A.M. Reported for work about midnight.

Monday October 3, 1949

Ran test on 44 K to-day. Began at midnight and ran all day.

Tuesday October 4, 1949

Ran all maximum drawbar tests to-day in between rains.

Wednesday October 5, 1949

Started 10 hour test this A.M. at 6. Finished during afternoon and ran test "J" in evening.

Thursday October 6, 1949

do any

Rained last night so we were unable to ~~do any~~ test work to-day.

Friday October 7, 1949

Mr. Karl Madsen from Copenhagen visited here to-day. Weather conditions prevented any test work to-day.

Saturday October 8, 1949

Cleaned up in general. Worked on car during P.M. Checked reports this forenoon.

Sunday October 9, 1949

Went to Union for picnic to-day. Visited Kisers.

Monday October 10, 1949

Running belt test on Massey-Harris 55 this A.M. John Deere AR arrived this P.M.

Tuesday October 11, 1949

Limbered up John Deere AR to-day. Started 10 hr. test on Massey-Harris 55 to-day.

Wednesday October 12, 1949

Completed belt test this A.M. and started drawbar tests during evening. Finished tests on Massey-Harris 55 to-day.

Thursday October 13, 1949

Ran 10 hour test on John Deere AR to-day. Inspected 44K and 55K to-day.

Friday October 14, 1949

Finished up all drawbar tests on John Deere AR to-day. Completed Massey-Harris reports to-day.

Sunday October 30, 1949

Rested during P.M.

Monday October 31, 1949

Ran the rest of the drawbar tests to-day and checked belt horsepower again.

Tuesday November 1, 1949

Started limber up test on Huber tractor to-day. Started inspection of Jeep to-day.

Wednesday November 2, 1949

Completed inspection of Jeep to-day and finished limber up test on Huber. Got Huber ready for belt test this evening.

Thursday November 3, 1949

~~Ran test on all gears to-day on Huber tractor. Everett and Paul Durmas arrived this noon. Ran belt tests to-day on Huber.~~

Friday November 4, 1949

Ran test on all gears to-day on Huber tractor. Everett and Paul Durmas arrived this noon.

Saturday November 5, 1949

Visited with Mr. Durmas and Everett this A.M. worked at home all P.M.

Sunday November 6, 1949

Rested during P.M. Went out to Weese's for supper.

Monday November 7, 1949

Went out to dinner with Engstrom to-night.  
Ran balance of drawbar tests on Huber. Cletrac's arrived this P.M.

Tuesday November 8, 1949

Rechecked First and Second gear on Huber. Started Cletracs on limber up test.

Wednesday November 9, 1949

Ran Cletracs on limber up test to-day. Finished test report on Huber to-day.

Thursday November 10, 1949

Used Scarifier on track to-day. Continued limbering up the Cletracs to-day. Barometer low to-day.

Friday November 11, 1949

Faculty meeting to-day at 11 A.M. Low Barometer and no belt test to-day. Finished limber up test on last tractor. Getting track ready for testing in morning.

Saturday November 12, 1949

Ran belt test on HG finishing by 2A.M. Sunday. Ran drawbar tests in second and third gear on D.D. Had trouble getting a favorable track.

Sunday November 13, 1949

Saturday October 15, 1949

Started limber up test on Case K this A.M. Inspected and worked on reports for AR tests to-day. Repaired Mike's John Deere "B" in afternoon.

Sunday October 16, 1949

Rested all day.

Monday October 17, 1949

Completing limber up test on Case K to-day. Started belt run to-day.

Tuesday October 18, 1949

Finished belt run this A.M. on Case Dist. And started tractor on track this morning after a short rain.

Wednesday October 19, 1949

Went to see Dentist this A.M. Went to Physics Lab. and Photo Lab. to fix up pictures. Rained last night. No testing to-day.

Thursday October 20, 1949

Ran belt test on Case VAC. gas to-day.

Friday October 21, 1949

Credit Union 4 P.M.

Ran drawbar tests on Dist. Case VAC. Getting ready for 10 hour test tomorrow.

Saturday October 22, 1949

Ran 10 hour test on Case VAC Dist. also ran second and third gears in "F&G" on Case VAC gas.

Sunday October 23, 1949

Cliff and Amy met at home to-day. Had family reunion. "B"'s from Omaha came too.

Monday October 24, 1949

Jeep arrived this P.M. Ran 10 hour test on Case VAC Gas. to-day. Also ran test "J" on Case VAC Distillite.

Tuesday October 25, 1949

Started Jeep on test "H". Ran First gear and Fourth gear on Case VAC Gas.

Wednesday October 26, 1949

Completed inspection on Case tractors. Had Open House for all M.E. at Tractor Test Lab.

Thursday October 27, 1949

Started belt run on Jeep this A.M. Completed test by 8 P.M.

Friday October 28, 1949

Started drawbar tests to-day. Ran 100% and Second gear.

Saturday October 29, 1949

Ran 10 hour test on Jeep to-day. Finished by 2 P.M.

Monday November 14, 1949

Ran 10 hour test on D.D. tractor to-day.

Tuesday November 15, 1949

Finished up drawbar runs on D.D. and started on belt and ran belt test on DG to-night.

Wednesday November 16, 1949

Ran 10 hour test on HG to-day.

Thursday November 17, 1949

Ran drawbar tests on DG cletrac to-day. Started 10 hour test at 2 P.M. and finished about midnight.

Friday November 18, 1949

Rented a grader to prepare track for low gear tests. Harvey arrived to-day.

Saturday November 19, 1949

Shipped out the 3 Massey-Harris tractors to-day. No test work to-day.

Sunday November 20, 1949

Took Harvey along to church to-day. Went to Dean Greens this evening.

Monday November 21, 1949

Began running belt test at 4:30 A.M. Finished last belt run on year at 1:30 P.M. Checking all tractors for final inspection to-day.  
Harvey started home at 11.00 A.M.

Tuesday November 22, 1949

Tractor Test Board Meeting at 2.00 P.M. Credit Board Meeting at 4.00 P.M.  
Oliver Cletrac cleaned up all work due to final inspection and left about 2 P.M.  
Spent balance of day cleaning up Building.

Wednesday November 23, 1949

4-H club meeting at 1.30 P.M. McDonald Studios coming to take pictures at 10 P.M.  
Working on reports all day.

Thursday November 24, 1949

Going to Omaha for Thanksgiving to-day.

Friday November 25, 1949

Group from Geneva coming for a visit at 10 A.M.

Saturday November 26, 1949

Sunday November 27, 1949

Monday November 28, 1949

Graded the track this forenoon. Helped John make a terrace on farm during afternoon. In office work is going ahead on Summary Sheet.

Tuesday November 29, 1949

Returned grader to-day. Worked on Summary Sheet and Bulletin.

Wednesday November 30, 1949

Went to Oseola to-day to see Mr. Crozier. He has left for California.  
Worked on Summary Sheet in P.M. Took brakes off car to-day.

Thursday December 1, 1949

Worked on Correspondence. Shipped out Oliver tractor. Worked on Summary Sheet and Bulletin.

Friday December 2, 1949

Checked all accounts with tractor Co. Worked on Bulletin and Summary Sheet.  
Traded Tach (2) with Mr. Luebs at M.E.

Saturday December 3, 1949

Worked on car practically all day. During morning Bob checked copies of reports.

Sunday December 4, 1949

Stayed home all day except for church and evening worked at office for three hours.

Monday December 5, 1949

Check copy of bulletin. Call Chas. Warner. Make up Xmas card. Started proof reading of bulletin.

Tuesday December 6, 1949

Worked on reports and correspondence.

Wednesday December 7, 1949

Getting ready for oyster feed to-night. 55 people attended.  
John Deere "R" to Rodgers Farm Terracing. (412 HR Meter).

Thursday December 8, 1949

Re-read bulletin material and getting Summary Sheet ready for press.

Friday December 9, 1949

Group from Ravenna coming for a visit to-day. Worked on car balance of day.  
Got bulletin typed up for new edition. Checked summary sheet data.

Saturday December 10, 1949

Tractor Test Board meeting to-day at 8 A.M.

Sunday December 11, 1949

Monday December 12, 1949

Geo. Downs called to-day. Started to flood skating pond to-day.

Tuesday December 13, 1949

Stayed home to-day with the mumps. Did not return until 12 - 26 - 49.

Wednesday December 14, 1949

Take platforms Etc. off Oliver 88 for exchange.

Thursday December 15, 1949

Get place cleaned up for Visitors.

Friday December 16, 1949



Friday December 16, 1949

Visitors from Oregon to-day. Did not come .

Saturday December 17, 1949

Got small Cletrac ready for paint and repair.

Sunday December 18, 1949

Monday December 19, 1949

A.S.A.E. meeting 19 - 21 - Stevens Hotel.  
Brought Cletrac DD in from field in P.M.

Tuesday December 20, 1949

Started on Small Cletrac.

Wednesday December 21, 1949

Painted Cletrac.

Thursday December 22, 1949

Mrs. Yordy began her vacation to-day. *for 10 day vacation*

Friday December 23, 1949

Gordon left for his vacation to-day.

Saturday December 24, 1949

Sunday December 25, 1949

*Visited office for first time since mumps,*

Monday December 26, 1949

Worked on Leonora's car to-day a short while.

Tuesday December 27, 1949

Returned to office to-day to take care of mail. Norman Weyand called to-day to see about 4-H tractor club.

Wednesday December 28, 1949

Cleaning up mail ETC. before leaving. Got car ready during P.M.

Thursday December 29, 1949

Left Lincoln about noon and drove to Wichita Kansas. Stayed over in Wichita.  
Saw Harold Frost that nite.

Friday December 30, 1949

Drove from Wichita to Ft. Worth. Arrived at Ft. Worth about 8 P.M.

Saturday December 31, 1949

Stayed at Ft. Worth all day with N.A. Kiser.

Sunday January 1, 1950

Spent all day Sunday With Kiser's. Went to Dallas in P.M. to see Cotton Bowl. Visited Television Studio in evening.

Monday January 2, 1950

Visited Kiser's and watched Cotton Bowl game on Television set.

Tuesday January 3, 1950

Drove to Dallas and visited Yonash at Garland. Drove to College Station for visit with Jones, Fang and Conard. Then drove to Refugio for night.

Wednesday January 4, 1950

Drove 40 miles from Refugio on to Corpus Christi. Stopped at Corpus for four or five hours and then drove on to Brownsville, Texas and saw Citrus fruit, orchards and Palms.

Thursday January 5, 1950

In morning visited Mexican town across Rio Grande from Brownsville, then started for Laredo. After finding a place to stay in Laredo, We visited Nuevo Laredo, across Rio Grande. Mrs. Yordy returned to work to-day.

Friday January 6, 1950

Left Laredo early and drove to San Angelo (375 miles), and visited with Kenneth Frost. Stayed over night here.

Saturday January 7, 1950

Started for home to-day and drove 600 miles to Kinsley Kansas where We stopped over.

Sunday January 8, 1950

Drove to LaCrosse Kansas and stopped to see Renbergers a few minutes, then drove on to Holdrege Nebr. where We visited Orthmann's until 7 P.M. Then We drove to Lincoln.

Monday January 9, 1950

Worked in office all day. Henry is fixing rack for drill bits.

Tuesday January 10, 1950

Discussed 4-H tractor club with Dan Kitchen this P.M. Still fixing drill rack for bits. arranged to get truck to take tractor to Omaha.

Wednesday January 11, 1950

Went out to farm to get truck. Working on case for drill bits. Working in office all day.

Thursday January 12, 1950

Started work on Massey-Harris repair to-day. Went to Omaha and exchanged Oliver tractor for a new model. Mrs. Yordy got sick this P.M.

Friday January 13, 1950

Worked on Massey-Harris all day. Worked on mail and started several requisitions. Mrs. Yordy went to hospital to-day.

Saturday January 14, 1950

Got new license plates for my car. Ran number of errands downtown.  
Mounted hitch on new Oliver tractor.

Sunday January 15, 1950

Stayed at home all day.

Monday January 16, 1950

Worked in office all forenoon except for staff meeting at Ag. Eng.  
at 11:00 A.M.  
Fixing Oliver up for load unit. Took Marie to Dr.- Penicillin.  
Met with credit union.

Tuesday January 17, 1950

Called on all Hotel Managers this A.M. with Mr. Yung regarding re-  
servations for A.S.A.E. meeting in April.  
Working on Oliver getting it ready for spring.  
Mrs. Yordy was operated on for a tumor to-day.

Wednesday January 18, 1950

Gordon and I gave blood at Lincoln General hospital this A.M.  
Met with Dan Kitchen and N. Weyand during afternoon.  
Henry helped Murray in P.M.

Thursday January 19, 1950

Loading 3 Oliver Crawler tractors this morning. Ready for shipment by  
P.M.  
Henry helped Murray in Ag. Eng. during P.M.

Friday January 20, 1950

Henry going down to give transfusion this A.M.  
Meeting with C.W. Smith this A.M. Went down town to-day to take care  
of several items.

Saturday January 21, 1950

Spent forenoon at office. Worked on Leonora's car all afternoon.

Sunday January 22, 1950

Stayed home all day.

Monday January 23, 1950

Worked in office on mail. Cleaning up tractors.

Tuesday January 24, 1950

Worked on Massey-Harris and International tractor.

Wednesday January 25, 1950

Spent all day getting ready for 4-H tractor club.

Thursday January 26, 1950

4-H tractor club all P.M. Busy all forenoon getting ready.

Friday January 27, 1950

4-H tractor Club during afternoon.

Saturday January 28, 1950

4-H Tractor Club met all day. Clifford and family arrived this eve.

Sunday January 29, 1950

Visited with Cliff all day.

Monday January 30, 1950

Had meeting with Chas. Fowler of Bldg. and Grounds. Outlined plans for remodeling building.

Met with Mr. Laird of General Electric regarding Dynamometer to-day.

Cleaned up remnants of 4-H meeting.

Tuesday January 31, 1950

Worked on checking Summary Sheet to-day. Painted International Harvester tractor to-day.

Wednesday February 1, 1950

Arranged space for CCA meeting here for 1 P.M. to-day. About 50 people attended meeting. Seemed to be quite a success.

Thursday February 2, 1950

Worked on Summary Sheet all forenoon. Prof. Smith and I visited Co. shops and looked at motor grader. Met credit union this P.M.

Friday February 3, 1950

Worked on Summary Sheet all day. Finished painting IHC tractor to-day.

Saturday February 4, 1950

Attending short Course in Omaha to-day. Finished checking Summary Sheet to-day.

Sunday February 5, 1950

Spent all day at home.

Monday February 6, 1950

Worked on Test reports to-day. Gordon went to Omaha to get parts for Massey-Harris 55 to-day. Met with Staff to-day.

Tuesday February 7, 1950

Met with Laird of General Electric to-day. Made arrangements for trip to Detroit to-day. Checked Summary Sheet again.

Wednesday February 8, 1950

Lewiston to-night at 8 P.M. Don Meaders, Voc. Ag. Instructor.

Checked test reports all morning. Left for Lewiston about 4 P.M.

45 - 50 farmers and Voc. Ag. men attended meeting.

Thursday February 9, 1950

Worked on IHC Farmall M that was brought in. Got ready to run test on Magneto and Distributor to-morrow.

Friday February 10, 1950

Ran test on Magneto and Distributor during day. Found no appreciable difference in two ignition systems, except at low speeds.

Saturday February 11, 1950

Worked on test reports. Also on Massey-Harris.

Sunday February 12, 1950

Stayed home all day.

Monday February 13, 1950

Tecumseh at 7 P.M. to-nite. Ed. Hahn cancelled this meeting to-night because of heavy snow. Worked on test reports all day.

Tuesday February 14, 1950

Worked on test repotys all day. Also worked on Massey-Harris tractor.

Wednesday February 15, 1950

Worked on test reports. Jim Dunlap called and showed us available storage space. Three men from Witte Engine Co. called to-day.

Thursday February 16, 1950

Completed check on test report for editor. Spent P.M. at town getting ready for trip Saturday night.

Friday February 17, 1950

Took test reports over to Graham this A.M. Working on correspondence. Mrs. Yordy returned to-day for work.

Saturday February 18, 1950

Had tractor test board meeting this A.M. regarding supplementary tests. Brought motor grader out from county Hi-Way Dept. Getting ready to leave for Detroit to-night.

Sunday February 19, 1950

Board meeting for Saturday. Discussed merits of making new application for each supplementary test based on basic test.

Monday February 20, 1950

Check Oliver Crawler applications.  
Received applications for Tests of AC-Model B and Cockshutt "40" to-day. L.F. arrived in Detroit this A.M. Visited Ethyl Corp. all day. Spent evening with Frevik.

Tuesday February 21, 1950

Spent forenoon at Ferguson plant and afternoon at Ford proving ground at Dearborn. Spent evening at Hautzenroeder's place. Two big crawlers frozen to ground unable to move.

Wednesday February 22, 1950

Tried to move big crawlers again but failed. Tuning up No. 11 Grader. Confer Graham about pictures for Bulletin. Spent forenoon at G.M. proving ground. P.M. at Dearborn Motors, Evening with Hautzenroeder.



Thursday February 23, 1950

Spent all day with IHC Tractor Co., all forenoon with Overholt and P.M. with Ray Bowers and also evening.  
Clean No. 11 Grader. Take application survey of Oliver Tractors to Professor Smith. Locate pictures for Bulletin.

Friday February 24, 1950

Visited Massey-Harris and J.I. Case to-day.  
Received check IHC for Testing of Crawlers. Steam Clean 10-20.

Saturday February 25, 1950

Attended Auto Show held at stock yards to-day.

Sunday February 26, 1950

Returned this A.M. from trip.

Monday February 27, 1950

Staff Meeting this A.M. Painted 10-20 this forenoon. Getting parts for motor grader.

Tuesday February 28, 1950

Worked in office all day. Smith came out to see about lights to-day.  
Painted Caterpillar motor grader to-day.

Wednesday March 1, 1950

Worked in office all day on correspondence and test details.  
Received parts for Massey-Harris and assembled trans. during P.M.

Thursday March 2, 1950

Put Massey-Harris to-gether again(mostly). Went over bulletin with Graham this A.M. Worked on correspondence.  
N.B. Weyand called to-day.

Friday March 3, 1950

Installed new picture frame in hall. Removed Mast from tractor test building to-day. Worked on office all day on correspondence Etc.

Saturday March 4, 1950

Met with Mr. Murray regarding hydraulic cylinder. Answered several letters this A.M. Went out to Caterpillar to pick up some repairs.  
Found lumber and ripped some pieces for out sides.

Sunday March 5, 1950

Spent day in bed because of bad cold.

Monday March 6, 1950

Had Staff Meeting this A.M. Went to Dentist at noon.  
Rev. Anderson called this afternoon. Worked on forms and pictures.

Tuesday March 7, 1950

Mr. Laird came out to-day to get order on new Dynamometer.  
Mr. Cassidy called to-day to see about Tachometer Equipment.

Wednesday March 8, 1950

Went down to see Mr. Cargo at Railway Commission about Co-op. application.  
Called at Messer's for bearing. Called on Mr. Schafer regarding Cub Scout committee work.

Thursday March 9, 1950

Went out into country with George Downes on complaint about oil pressure.  
Had group of visitors here from Saunders County to-day.  
Helped poultry Dept. move some houses to-day. Sold old junk 15 x 30 to-day.

Friday March 10, 1950

Called Foxwell this A.M. about designing hydraulic cylinder. Made date to meet him next Monday A.M. Worked in office all day on office files and mail.

Saturday March 11, 1950

Nelson- Veterans to visit here at 11 A.M.  
Helped poultry Dept. move poultry houses for 3 1/2 hours.  
Working on hydraulic cylinder to-day.

Sunday March 12, 1950

I spent entire day at home.

Monday March 13, 1950

Worked on hydraulic cylinder. Started to clear out old file cabinets in office. Fixing pictures and working on tractor.

Tuesday March 14, 1950

Met with Mr. Foxwell to discuss design of hydraulic cylinder. Rec'd check for trip to-day. Received new standards to use for planimeter.  
Henry helping Murray to-day. Worked on files all day to-day.

Wednesday March 15, 1950

Mullen called to-day about alcohol blends for motor fuel.  
Camp, from Farm Bureau called about alcohol blended fuel.  
Started work on ceiling in computation room to-day.  
Henry and I bought two sets of uniforms for Tractor Test to-day.  
Open house for Freshmen at Ag. Eng. and Tractor Test.

Thursday March 16, 1950

Henry helping Murray to-day. Putting ceiling in calculating room to-day.  
Checked with Murray about hydraulic cylinder. arranged to order some parts.

Friday March 17, 1950

Met with Mr. Talbert of IHC. about test for Model Super "A".  
Ordered some bronze stock for Murray to make budhings for hydraulic cylinders. Exchanged a broken crescent wrench for a new one.

Saturday March 18, 1950

N.B. Weyand of Case Called today. Helped Dan Kitchen get his car started to-day. Worked at house all during afternoon and evening.

Sunday March 19, 1950

Spent Sun. at home with family.

Monday March 20, 1950

Henry helped Murray all day.

Worked in office and got ready for trip to Tecumseh. Attended meeting of Veterans class at Tecumseh this evening with 47 present.

Tuesday March 21, 1950

Gordon returned to-day. Installed new light fixture in calculating room. Worked on hydraulic cylinder. Painted Massey-Harris 55 this P.M.

Wednesday March 22, 1950

Mr. Page called to-day to see about permit to sell Gamble tractors in Nebr. Checked with Mr. Cargo and it is all OK. George Downes called to-day to get information regarding propane. Working on Massey-Harris in shop.

Thursday March 23, 1950

Smith came out to see how light installation looked in calculating room. Hinkle and Downes called to-day and took Mr. Hurlbut and myself out to lunch. Brehl stopped in during P.M. to discuss testing of his tractor today.

Friday March 24, 1950

Did considerable painting on test car, tractor etc. Went to town for visit with Dentist. Worked in office most all afternoon. Had party for Mrs. Haag celebrating her recent marriage.

Saturday March 25, 1950

Started to work on assembling hydraulic cylinder. Attended Tractor Test Board meeting at 9 A.M. lasted till 11:30. Gordon and Henry painted and cleaned up in general. A group of farmers from Tecumseh made a visit at Lab. to-day.

Sunday March 26, 1950

Took Amy to train at 12:20 this A.M. Went to church and rested during P.M. During evening printed pictures for Danny and also cast lead figures for Danny.

Monday March 27, 1950

Worked on hydraulic cylinder this A.M.. Took Linda to the Dr. about 9:30. Attended Staff meeting at 11:00 A.M. Went to town during P.M. and stayed until evening for Eng. Club meeting.

Tuesday March 28, 1950

John Stahn of Socony Vacuum called today to see how many tractors were tested using Mobiloil.

Mr. Walters called this P.M. to discuss research project.

Wednesday March 29, 1950

Worked on budget and other reports for the end of the year. Worked on hitch for Oliver and IHC tractors.

Thursday March 30, 1950

Worked on Experiment Station report today and also budget. Started to grade track this forenoon and packing it.

Friday March 31, 1950

Worked on budget and Experiment Station report today. Preparing track for testing today.

Saturday April 1, 1950

Worked in office all forenoon. Graded track all forenoon.

Sunday April 2, 1950

Helped with kite flying contest today.

Monday April 3, 1950

Went to town this A.M. and got iron ordered. Working on hitch for test car today.

Tuesday April 4, 1950

Worked on hitch for test car all day. Took 15 x 30 out to Kinsey's for steam cleaning.

Went to Student Health Center for Lab. checks.

Wednesday April 5, 1950

Finished hitch on test car today. Brought 15 x 30 back from Kinsey after cleaning. Worked on track several hours during P.M.

Went to see Dr. Ritter this P.M.

Thursday April 6, 1950

Checked Massey-Harris 44 from the country today. Only produced 40 HP. against 45 HP official test. Received new bulletins today.

Cleaned up and arranged everything for visit Friday and Saturday.

Friday April 7, 1950

Mid Central section ASAE meeting today. Norm Evans arrived from No. Dakota today. John Weirsing arrived from So. Dakota also.

Saturday April 8, 1950

Mid Central ASAE section meeting today. Had dinner for all So. Dakota people at our house today at noon.

Attended Cub Kite flying contest.

Sunday April 9, 1950

Monday April 10, 1950

Worked at office all forenoon. Spent afternoon working at home.  
Preparing hitch for Oliver and Massey-Harris tractors to-day.  
George Downes called this afternoon to discuss use of propane as fuel.

Tuesday April 11, 1950

Mike borrowed John Deere and motor grader to use on farm to-day.  
Set up test car and equipment to begin spring calibration. Trying out  
new gauge tester also.  
Fixing up hitch for test car. Oliver and Massey-Harris.

Wednesday April 12, 1950

Began calibrating springs for test car. Installing electric control for  
loading unit. Planned trip to Dawson to-day.

Thursday April 13, 1950

Spent day calibrating springs for test car. Afternoon started for Dawson  
meeting with Veterans class. 60 Farmers attended meeting.  
Finished work with loading unit for test car.

Friday April 14, 1950

Checking all test calibrations of springs and typing the results.  
Cleaning up and making final adjustments.  
Two Minn. Moline tractors arrived to-day. Took family to show this eve.

Saturday April 15, 1950

Worked on chart calibration sheets and also cleaned up in general.  
Worked in garden all P.M.

Sunday April 16, 1950

Attended church to-day to hear Dr. Pfoutz at Warren church. Attended  
reception for Senior Engineers at Ellen Smith Hall. In evening called  
on Fergusons for a short visit.

Monday April 17, 1950

Expected men from Minn. Moline but they did not show up.  
Worked in Lab. all day cleaning up and installing new charts on wall.  
Working on spring calibrations all day.

Tuesday April 18, 1950

Getting ready for visitors this P.M. L.F.L. left for Pawnee City at  
10 A.M. to participate in meeting there during the afternoon. Returned  
about 7 P.M.  
Continued work on spring calibrations to-day. Had group of visitors from  
Western Nebr. this A.M. Freshmen from High School.

Wednesday April 19, 1950

Had call from Carl Reller to-day and also from Craig Cannon.  
Minn.-Moline(Reller) unable to get here for limber up test. Will try  
getting a man here from Omaha.  
Henry helped in machinery Lab.

Thursday April 20, 1950

Cleaned up in general to-day. Had group of M.E. visit Lab. this P.M.  
George Downes called this P.M. and helped plan fuel specifications for  
official report.



Friday April 21, 1950

Started Minn-Moline limber up today. Planned purchase of gift today. Experiment Station Examiner is here today interviewing all experiment personnell in Dept.  
Taking temporary permit to Railway Commission today.  
Had estimated two thousand visitors here from feeders day activities.

Saturday April 22, 1950

Continue break in of Minn-Moline "G" tractor today.

Sunday April 23, 1950

Had picnic for Gordon at 4 P.M. today and presented him with a mixer-master as a farewell gift.

Monday April 24, 1950

Started limber up run on Minn-Moline "G" again today but had to shut down on account of rain.  
Attended Staff meeting this A.M. Worked in office all P.M.  
Carl Reller called this A.M. about test date.  
IHC(Overholt) called from Chicago today about test date.

Tuesday April 25, 1950

Continued with limber up test on Minn-Moline "G" tractor. Sent wire to Allis-Chalmers to postpone their test to 5- 8- 50.  
Finished limber up test and put tractor on belt and ran fishhook curve, finishing by 5.30 P.M.  
Carl Reller called from Minn. and said some one would be here Wed. A.M.

Wednesday April 26, 1950

Herb. Hartz called from Milwaukee today. Expects to be here for test. Worked in Lab. making final preparations for test.  
Carl Reller arrived about 4 P.M. and checked tractor all over. Decided to start belt run early to-morrow.

Thursday April 27, 1950

Started belt run about 5.30 A.M. and by 7.30 we were taking data. Finished belt test by 5 P.M.  
Started "Z" tractor out this A.M. on limber up test.  
Herb.Hartz of Marvel-Schebler arrived about 3.30 this A.M.

Friday April 28, 1950

Continued limber up test on "Z" and ran check on it during evening. Started belt test but got rained out so decided to shut down until Monday.

Saturday April 29, 1950

Olson left today for Dubuque, Iowa. No one reported for work today as we had all been up late Friday night.

Sunday April 30, 1950

Herb. Hartz spent afternoon with us.

Monday May 1, 1950

Started up at 2 A.M. this morning. Couldn't get fuel weighing apparatus to function correctly. Finnally shut down and spent balance of day working on it.

Tuesday May 2, 1950

Worked on fuel weighing device all day. Put on new pumps and lines trying to improve the results. Made another check run showing less fuel flow but a loss in power.

Wednesday May 3, 1950

Made another check on M-M "Z" tractor this A.M. and finally decided to open up for inspection.

Still checking fuel system.

Hinkle called from Chicago this A.M.

Thursday May 4, 1950

Mailed samples of fuel out to-day. Opened Model "Z" M-M. to-day and found lead deposit such as we had two years ago.

Mr. Reller went to Omaha to get new valves and head.

Friday May 5, 1950

Cleaned up "Z" tractor to-day and reassembled it ready to start over again. Carl Reller left for Minn. tonight returning Monday.

Harvey and Clara came down for a visit.

Saturday May 6, 1950

Began limber up test on M-M. "Z" tractor to-day.

Emptied out our present gas and getting new supply for testing.

Sunday May 7, 1950

Visited with Harvey and Clara all day.

Monday May 8, 1950

Rained all day so no tests were made. Conditions very unfavorable for testing.

Tuesday May 9, 1950

Started belt test and ran all day. good results under favorable conditions.

Wednesday May 10, 1950

Ran all drawbar tests to-day in F and G. Computations made on 100% Max. , so we can start 10 hr. test to-morrow.

Thursday May 11, 1950

Ran 10 hr. test on M-M "Z" to-day.

Friday May 12, 1950

Ran drawbar tests on M-M. "G" to-day.

Saturday May 13, 1950

Worked on computations all day. No testing outside.

Gordon returned from Iowa to-day. New address: Old Timers Club,

Athletic Dept.

Rt. 1

Dubuque, Iowa. c/o Art Pinns

Sunday May 14, 1950

Nursed a cold all day. At 4.30 Started to water track for test Mon. A.M.

Monday May 15, 1950

Finished test "J" this A.M. early. Started 10 hr. test at 9 A.M.

Tuesday May 16, 1950

Finished test "J" on M-M "G" tractor. Started to tear down the tractors for final inspection.

Pfundstein and Jack Bailey called this P.M.

Wednesday May 17, 1950

Finished writing reports and inspecting tractors. Started Allis-Chalmers tractors on limber up test to-day.

Thursday May 18, 1950

Friday May 19, 1950

Getting Allis-Chalmers "B" ready for belt run. Checked Dynamometer and decided to install new trunnion bearings.

Started belt run about 8.30 P.M. and ran until 10 A.M. Sat.

Saturday May 20, 1950

Finished belt test by ~~10.30~~ 10.30 A.M. Shut down for balance of day.

Sunday May 21, 1950

Stayed home all day and rested.

Monday May 22, 1950

ASAE Student Executive Board meeting at 9.00 A.M.

Ran all drawbar tests on Model "B" A.C. tractor. Checked fuel weighing system during P.M.

Tuesday May 23, 1950

Running 10 hr. test on Model "B" A.C. tractor to-day.

Wednesday May 24, 1950

Ran test "J" & "K" on Allis-Chalmers Model "B" tractor to-day and worked on calculations all P.M.

Mr. Simpson of So. Africa called this noon for visit at test lab.

Thursday May 25, 1950

Ran belt test on Allis-Chalmers WD to-day. High barometer despite thunder storm. Very low temperature. Good run.

Friday May 26, 1950

Started getting ready for drawbar test at 5 A.M. At 6.30 it started raining. Spent day checking Model "B" A.C. tractor.

Bowers of IHC called to-day.

Saturday May 27, 1950

Worked on calculations all forenoon. Spent afternoon in bed nursing a cold.

Sunday May 28, 1950

Helped solicit for church to-day.

Monday May 29, 1950

Rained all day and we were unable to do any test work.

Tuesday May 30, 1950

Mc.Drg. arrived to-day. Ran all drawbar tests on WD Allis-Chalmers to-day. Track was packed all forenoon and P.M. until 3 P.M. It was still a little spongy when tests were make.

Wednesday May 31, 1950

Started limber up test on WD-9 to-day. Rechecked 100% Max. test in 3rd gear on Allis-Chalmers WD. Ran test "J" in P.M. Ran 10 hr. test this A.M. from 4 A.M. until 2 P.M.

Thursday June 1, 1950

Finished final inspection of Allis-Chalmers WD this A.M. Mc. Drg WD-9 is continuing limber up to-day. Cannon and Villmer left for Milwaukee to-day after lunch.

Mr. Hewitt of David City called to-day about Mighty Mouse tractor.

Friday June 2, 1950

Started belt test on Mc. Drg. WD-9 this A.M. Unable to get everything ready until about 10 P.M. to-nite. Finished test at 2.30 Sat. A.M.

Saturday June 3, 1950

Tried to run drawbar tests this forenoon but tractor was too light weight. Decided to add two more wheel weights for each wheel.

Sunday June 4, 1950

Watered track this P.M.

Monday June 5, 1950

Started all tests on WD-9 on drawbar this A.M. Ran all tests except 1st gear. Watered track this P.M.

Tuesday June 6, 1950

Ran drawbar test in 1st gear this A.M., and started 10 hr. test by 9 A.M. on WD-9.

Wednesday June 7, 1950

Ran test "J" this morning and started tear down of tractor this PM. Had picnic this evening at Pioneers Park.

Thursday June 8, 1950

Finished final inspection of IHC. Mc. Drg. WD-9. Started recheck of M.M. "G" this P.M. International men left this evening. Cockshutt tractor arrived this afternoon. Shipped Allis-Chalmers tractor tires to-day.

Friday June 9, 1950

Running rechecks on M.M. tractors and A.C. tractors. Shipping M.M. "G" & "Z" to-day.

Saturday June 24, 1950

No testing at all to-day. Weather conditions unfavorable.

Sunday June 25, 1950

Rested all day to-day.

Monday June 26, 1950

Trying to use St'd Tractor Fuel in Ford tractor. It was not able to operate on this fuel. Unloading rest of IHC. tractors to-day and getting them started on Test "A".

Tuesday June 27, 1950

Ran belt test on Ford Kerosene tractor to-day after considerable fuel trouble. Used Socony-Vacuum fuel for official test. Continue test "A" on IHC. tractors.

Wednesday June 28, 1950

Ran drawbar tests on Ford Kerosene tractor this forenoon. Ran belt test on TD-18 A last night, finished at 2 A.M. this morning.

Thursday June 29, 1950

Completed 10 hour test on Ford Kerosene tractor this forenoon. Started official test at 4 A.M. Ran belt test on TD-18A last night. Finished about 2 A.M. to-day.

Friday June 30, 1950

Ran all drawbar tests on TD-14A this forenoon and got ready for 10 hour test to-morrow. Inspected the two Ford tractors to-day.

Saturday July 1, 1950

Ran 10 hour test on TD-14A this forenoon. Started test officially at 4 A.M. Ford men started for home to-day.

Sunday July 2, 1950

Rested all day and attended picnic in P.M.

Monday July 3, 1950

Working in office all day. Checking test reports and taking care of mail.

Tuesday July 4, 1950

Holiday all day.

Wednesday July 5, 1950

Spent all day getting ready to run drawbar tests on TD-18A. Welded frame for hitch.

Thursday July 6, 1950

Started drawbar tests early this morning and completed all tests by evening.

Friday July 7, 1950

Ran 10 hour test on TD-18A to-day. Started at 3.30 A.M. and finished at 2 P.M. Shut down for balance of day after weighing fuel etc.

Saturday July 8, 1950

Weighed all tractors and checked wheel count. Shut down during afternoon. During forenoon we also worked on reports.



Saturday June 10, 1950

Sunday June 11, 1950

Monday June 12, 1950

Started limber up test on Cockshutt tractor to-day. Mr. McCurdy, Ivan McRae, George Morris and John came from Canada.

Tuesday June 13, 1950

Conditions not favorable for belt test to-day.

Wednesday June 14, 1950

Started belt test this evening about 9 P.M. and ran all night and part of morning.

Thursday June 15, 1950

Ran 10 hour test on Cockshutt 40 after running test over on rated gear.

Friday June 16, 1950

Ran all drawbar tests on Cockshutt 40 tractor including "J&K" to-day.

Saturday June 17, 1950

Completed all calculations on Cockshutt 40 tractor to-day. Completed inspection this evening and made recheck of horsepower.

Sunday June 18, 1950

Rested all day. Decided to start belt test at 6 A.M. instead of midnight.

Monday June 19, 1950

Ran belt test on Ford tractor to-day. Planned to run drawbar tests this evening but damaged a tire which caused considerable delay. No more test until Tuesday A.M.

Tuesday June 20, 1950

Ran tests on all gears Ford tractor to-day. Started 10 hour test at 1 P.M. and finished by 11 P.M. Ran checks on Kerosene Ford all day.

Wednesday June 21, 1950

Still running checks on Ford Kerosene tractor to-day. Called Carl Reller at M.M. to-day and told him about error in tires in report. Ran test on Ford Kerosene tractor all day. Unable to use St'd Tractor Fuel Special but found Socony Vacuum fuel OK.

Thursday June 22, 1950

IHC. tractors arrived here to-day except TD-24. Having trouble with fuel for Ford Dist. tractor. Finally discovered that some one had dumped some diesel fuel in weighing tank by mistake. ( We supposed). Started limber up test by 5 P.M.

Friday June 23, 1950

Completed limber up test to-day. Weather was miserable- low Barometer, high humidity . No belt test work.

Sunday July 9, 1950

Rained about one inch last night. Had planned a picnic for this evening but called it off on account of rain.

Monday July 10, 1950

Too wet to do any test work. Working on John Deere Diesel. Inspecting TD-14 A.

Met with Chas. Fowler regarding the new addition to present building.

Met with Mr. Ingram regarding new Dynamometer for test lab.

Tuesday July 11, 1950

Rained last night. Still unable to do any test work. Checked reports and took 6 sets down to Railway Commission. Planned picnic for to-night at Pioneer Park with IHC. men.

Wednesday July 12, 1950

Worked on reports and ran checks on both Ford tractors to-day. Rainy all forenoon but cleared at noon and started drying.

Einar Dahl called in regard to test of 55 Diesel test.

Thursday July 13, 1950

Met with Board during forenoon to discuss Ford Test. Started TD-24 on drawbar tests but had to repair hitch. Got everything ready by 7 P.M. and made a few laps around. Shut down until to-morrow.

Friday July 14, 1950

Ran all Max. drawbar tests on TD-24 to-day.

Saturday July 15, 1950

Began at 3.30 A.M. and ran 10 hour test on TD-24. After finishing this we ran max. gear in 1st. gear.

Sunday July 16, 1950

Rested all day.

Monday July 17, 1950

Inspecting TD-18A and TD-24. Had Board meeting to discuss Ford test reports. Lawn party at Mrs. Haag's place to-nite.

Tuesday July 18, 1950

Cleaned up balance International reports and completing final inspection at end of test.

Noble Kiser and family arrived this afternoon from Texas and stayed over nite.

Wednesday July 19, 1950

Went to town and purchased oil, wheel and hub. Checked motor Dynamometer for Herb. Glessman. Working on reports.

Thursday July 20, 1950

Left for farm all day. Returned about mid-night. John Deere MC arrived to-day about 10 A.M. and after preliminary checking started limber up test about 2 P.M.

Friday July 21, 1950

Continued limber up test on John Deere MC. to-day completing Test A at 9 P.M. Met Mr. Swardt from So. Africa. Discussed test work. Working on reports.

Saturday July 22, 1950

Hitching John Deere MC to belt and making preliminary checks.  
Carlton Zink stopped for visit to-day. Shipped Cockshutt tractor  
to Buda Co. at Harvey, Illinois.

Sunday July 23, 1950

Attended church this A.M. Worked at office most all afternoon.  
Went to Pioneers Park for picnic with Fergusons. Attended Singfest at  
Pinewood Bowl. Men from John Deere called, having just arrived from  
Dubuque, Iowa.

Monday July 24, 1950

Started belt run on John Deere MC tractor this A.M. Finished belt test  
by 2 A.M. Tuesday.

Tuesday July 25, 1950

Started drawbar tests to-day. It rained a slight amount but we were able  
to get started by 10 A.M. Finished about 6 P.M.  
Several visitors from Denmark stopped for a visit here.

Wednesday July 26, 1950

Started 10 hour test on John Deere MC this A.M. Test began at 5 A.M.  
Finished at 3 P.M. and shut down for balance of day.

Thursday July 27, 1950

Inspected John Deere MC to-day and finished reports for MC test.  
Hitched TD-24 and took more pictures of it to-day.

Friday July 28, 1950

Leaving for Plainview to-day. Left about 10.30 A.M. and arrived in  
Plainview about 3 P.M. Stayed at Harvey's house to-nite.

Saturday July 29, 1950

Spent all day on the farm. Spent most of the afternoon working on  
model plane and engine. Flew the plane about 4 P.M. to-day.

Sunday July 30, 1950

Stayed for a picnic to-day at plainview Country Club. Flew the model  
plane successfully 5 times to-day. Left for Lincoln about 5.30P.M. and  
arrived home by 9.30 P.M.

Monday July 31, 1950

Worked in office 2 hours in forenoon. Spent balance of forenoon down  
town. In P.M. Augusto, Alfini and Franco Torazzi of Italy called and  
spent all afternoon at Tractor Testing.  
Had a Birthday party for Leonora.

Tuesday August 1, 1950

Met train at 12.20 this A.M. and sent mother and Leonora on way to Colo.  
Springs. Went to town during forenoon and worked in office all P.M.  
Changed water discharge from air conditioner so it will not leak on floor.  
Completing drawings of hydraulic cylinder.

Wednesday August 2, 1950

Wednesday August 2, 1950

Alfred T. Lemierre from Paris, Joint Director of National Experiment Station for farm machines in France, spent nearly all day here at Tractor Test Laboratory.

Henry worked on sprinkler and rebuilt it.

Thursday August 3, 1950

Attending meeting at Beatrice all day. Henry, Bill and John Sulek are going along too.

Rained out so returned by noon to-day.

Mr. Corbill, President of Cato oil Co. and Mr. Ewland of Oklahoma, Uni. at Norman.

Friday August 4, 1950

Left for Omaha to-day. Bill Larsen and John Sulek left for Beatrice to assist fuel consumption contest - propane and gas, etc, conducted by Switzer.

Unable to get repairs on scale without more of scale. Plan to take more of scale to Omaha later.

Saturday August 5, 1950

Spent all day in Omaha except for trip to Malvern, Iowa and Glenwood and Council Bluffs, Iowa.

Sunday August 6, 1950

Returned from Omaha to-day.

Monday August 7, 1950

Tractor Test Board meeting scheduled for 10 A.M. to-day.

Discussed TD-24 tractor, letter from Farm Implement News and building program.

Mr. Olsen from Denmark arrived to-day to visit Test Lab.

Worked on Danny's plane during evening.

Tuesday August 8, 1950

Working on Hydraulic cylinder all day. Had two visitors from Germany here during P.M.

Preparing reports to send out.

Wednesday August 9, 1950

Spent forenoon working in office helping work on 1 " hydraulic cylinder and visiting with man from Denmark.

Became ill during noon and spent balance of day at home in bed.

Thursday August 10, 1950

Spent entire day with men from Austria and Denmark. Working on 1 " hydraulic cylinder. Helped Keske check operation of torque testing machine.

In evening worked on Leonora's car until 10 P.M.

Friday August 11, 1950

Fixed valves on Leonora's car and assembled in the evening.

Entertained Visitors from Denmark to-day.



Saturday August 12, 1950

Took Saturday forenoon off and showed Danes about Lincoln. Worked at home all afternoon and during the evening completed the assembly of model plane.

Sunday August 13, 1950

Took both Danes to Lutheran (Trinity) church. Had them home for dinner and in the afternoon we flew the model plane. After Sunday evening lunch we went to Pinewood Bowl and also Capital Beach.

Monday August 14, 1950

Shipped TD-18A out to-day. A trucker from Des Moines came to get it. Working in office and visited with Danes during forenoon. Getting ready for farm visitors to-morrow.

Tuesday August 15, 1950

About 30 veterans from Waverly, Headed, by Mr. Snipes visited Lab. all afternoon. Spent all forenoon getting cleaned up and ready for visitors.

Wednesday August 16, 1950

Spent forenoon checking proofs for test reports. Went to City to get order for scale repair. Tried to change tire for John Deere "B". Tried John Deere "B" out on belt test. Had picnic at Pioneers Park to-nite.

Thursday August 17, 1950

Left for Omaha at 7 A.M. to take scale down for repair. Obtained a new tire for John Deere "R" also while in Omaha.

Friday August 18, 1950

Worked in office during forenoon and had visitors during P.M. Took engine apart in my car during the evening. Brought John Deere "R" in after putting on new tire.

Saturday August 19, 1950

Worked in office during forenoon. During P.M. assembled car motor.

Sunday August 20, 1950

Finished car motor to-day and later attended model aeroplane contest at arrow airport. In evening we flew our own model plane.

Monday August 21, 1950

Mr. Curtis from New York visited here to-day and took pictures of Tractor Test. Went to town during P.M. Flew model plane during evening.

Tuesday August 22, 1950

Getting ready for farm Veterans coming here for afternoon. During afternoon a group of 28 farmers attended meeting at Tractor Test that lasted all afternoon. After 6 P.M. we flew model Aeroplane until we ran out of fuel.

Wednesday August 23, 1950

Worked in office all forenoon. Getting reports ready to take to the Railway Commission. Bill is helping Frank Keske doing test work out on Agronomy farm.



Thursday August 24, 1950

Getting ready to leave for West this P.M. Left Lincoln at 4 P.M. and arrived at Lexington about 9 P.M.

Mrs. Haag helped make calculations for Frank Keske. Henry and Bill working in tool room.

Friday August 25, 1950

Henry and Bill working in tool room all day. Mrs. Haag helping Keske with calculations.

Olson, Kofoed and myself left Lexington and drove to Scottsbluff, Cheyenne and stayed over at Fort Collins.

Saturday August 26, 1950

Left Fort Collins early to-day and arrived in Colo. Springs at 9 A.M. Spent all day in mountains until 6 P.M. Left for Goodland, Kansas and arrived there about 9 P.M., where we stopped over.

Sunday August 27, 1950

Left Goodland, Kansas this A.M. and drove on to McCook and Holdrege Nebr. Saw Orthmanns for one hour, then on to Lincoln where we arrived about 8 P.M.

Monday August 28, 1950

Henry and Bill working in Tractor Test all day. Mrs. Haag helping make calculations for Keske.

Olson and Kofoed still visiting but leaving to-night.

Tuesday August 29, 1950

Mr. Madison and Mr. McCuen visited here to-day. Matheison is from Denmark and Mr. McCuen is from England.

Mr. Bateman from Illinois Uni. called this A.M. also.

Took test reports to Railway Commission this A.M. and sent pictures to Mr. Roberts of IHC.

Wednesday August 30, 1950

Worked in office to-day during forenoon. Electric Tachometer equipment arrived to-day and was checked.

Spent all afternoon with Erik Matheisen from Denmark to-day and had him out for dinner in evening.

Bill helped Frank with test work on farm.

Thursday August 31, 1950

Worked in office all forenoon to-day. During P.M. visited with relatives from California.

Bill helped Keske all day out on agronomy farm. Henry worked in building all day.

Friday September 1, 1950

Went to town and delivered John Deere MC test report to Railway Commission. Ordered new coupling for motor-generator. Set and purchased arbor for drill chuck. Stayed home during P.M. on vacation. Henry moved fuel tank. Bill helped Keske all day.

Saturday September 2, 1950

Worked in office during forenoon. Bill helped Frank Keske. Henry cleaned up in general, graded track etc.

Worked on Juainita's car all P.M.

Sunday September 3, 1950

Spent day at home. Juainita furnished program for Sunday school. Had picnic in evening for Don. Gladys and Mrs. Day attended program. Juainita and Audrey put on at church.

Monday September 4, 1950

Worked on Juanita's car all forenoon and helped repair trailer this afternoon. Had picnic at Pioneers park this evening. Harvey and Clara arrived from farm this evening to attend the Fair tomorrow.

Tuesday September 5, 1950

Vacationed all day to-day and took in the Fair with Harvey.

Wednesday September 6, 1950

Took vacation time all day to-day. Visited with Harvey and Clara during forenoon. Helped Juanita all P.M. Repaired her car this forenoon.

Thursday September 7, 1950

Cliffords came to-day. Juanita and family left for California to-day. Pete Burns called for application forms for testing. Will be here Sept. 25. Had a group of veterans here to-day from Orleans Nebr.

Friday September 8, 1950

Visited with Clifford and Wife all forenoon. They left at noon. Henry and Bill installed M.G. for small Dyn. and also installed two new tires on motor grader. Worked in office all P.M.

Saturday September 9, 1950

Worked on M.G. set for small Dynamometer. Hauled old drag out to Hill Hatchery this P.M. Worked on bicycles during afternoon.

Sunday September 10, 1950

Spent day at home except for Church and Sunday School. In evening we went to church for pot luck supper.

Monday September 11, 1950

Prof. Sutton from South Africa came for a visit here to-day. Choremaster tractor arrived here this A.M. Mr. Kaiser came with it. A man from IHC Co. came to do a feature story for public relations Dept., Chicago, Illinois.

Tuesday September 12, 1950

Continuing with limber test on choremaster to-day. Mr. Weaver of IHC. finished taking pictures to-day.

Wednesday September 13, 1950

Finished limber up test on Choremaster this morning and spent balance of day getting ready for belt run. Archie Stone formerly of N. York College and now with IHC. called to-day.

Thursday September 14, 1950

Ran belt test on Choremaster to-day. Finishing by 6 P.M.

Friday September 15, 1950

Friday September 15, 1950

Preparing track for test of garden tractor but about 9 A.M. it started to rain. Rain continued nearly all day. Made wheel counter for small tractor and also started mail box.

Saturday September 16, 1950

Faculty meeting at 8.30 A.M. Farm and Home week committee meeting at 9 A.M. Rained last night so we are unable to do any test work on small tractor.

Sunday September 17, 1950

Went to Hastings for M.E. meeting to-day. Warren Parker drove out and invited Mike, Dayton Klingman and myself to go along. we returned by 6 P.M.

Monday September 18, 1950

Ran all drawbar tests on Choremaster this forenoon and got ready for 10 hour test on Tues. Mr. Henkle of Henkle and Joyce came out to see tractor.

Tuesday September 19, 1950

Ran 10 hour test on Choremaster to-day. We began at 6 A.M. and finished at 4 P.M.

Wednesday September 20, 1950

Rechecked Choremaster on belt and inspected entire tractor before Mr. Kaiser left for Cincinnati to-day.

Thursday September 21, 1950

Had Mr. Hurlbut's class in Farm Machinery here to-day for trip through Lab. Henry and Bill are remodeling tool room and equipment. Planning research project for analyzing tractor test data. J.C. Toth arrived from Kansas City, enroute to Atwood.

Friday September 22, 1950

Getting ready for Oliver next week. Ran check on IHC. "M" to see Maximum power output on belt test. Spent all od afternoon with J.C. Toth. Packed track during afternoon. Attended Credit Union meeting at 4.15 P.M.

Saturday September 23, 1950

Cleaned up in general around T.T. Lab. Worked on research project with Nelson. Installing circulating fan at home during P.M. and evening.

Sunday September 24, 1950

Spent entire day at home after attending church in A.M.

Monday September 25, 1950

Oliver 88 Diesel arrived by truck this A.M. Started limber up test after noon. Took Pete Burns, Bill Watson and Bill Larsen to Engineers Club meeting this evening. Mr. Moberg of Sweden arrived to-day.

Tuesday September 26, 1950

Einar Dahl called this A.M. regarding test of Massey-Harris. 55 Diesel tractor. Set tentative date of October 9th. Continuing limber up test on Oliver 88 Diesel. Met with Mike Arms class and showed tractor test figures.

Wednesday September 27, 1950

Worked in office all forenoon. Had meeting with Nibler during noon hour. Had many visitors here during afternoon due to Rooters day attendance. ASAE meeting held at John Schrunck's place. Westgate gave a magic demonstration.

Thursday September 28, 1950

Began belt test on Oliver 88 Diesel. Finished test by 3.30 P.M.

Friday September 29, 1950

Had meeting with Graham about test bulletin. Had committee meeting with Smith and Sulek for Farm and Home week. Staff meeting at 11.00 A.M. Called all member of Tour committee. Took Mr. Moberg to see Implement dealer to-day.

Saturday September 30, 1950

Starting to limber up 99 to-day. It was run some yesterday. Worked on barn all afternoon.

Sunday October 1, 1950

Had Mr. Moberg for dinner Sunday and took him for a ride in P.M. Attended drive in Theater with Mr. Moberg to-nite.

Monday October 2, 1950

Had committee meeting with John Schrunck and E.A. Olson this A.M. Had meeting of Tour committee at 11.00 A.M. Limbering up Oliver 99 this afternoon. Ran belt test on 99 to-night.

Tuesday October 3, 1950

Finished belt test on 99 by 4.30 A.M. Prepared track and tractor to drawbar tests this afternoon. Completed all F & G tests by 5 P.M.

Wednesday October 4, 1950

Started 10 hour test at 6 A.M. this morning. Finished at 5 P.M.

Thursday October 5, 1950

Prepared Oliver 99 for drawbar tests. Started Maximum tests at 1.30 and completed all drawbar tests by 5 P.M. Also removed weights from 88 and ran test "J".

Friday October 6, 1950

Started 10 hour test on Oliver 99 at 6.45 A.M. Finished at 4.45 P.M. , just 10 minutes before rain started.

Saturday October 7, 1950

Worked on reports all forenoon and also got all tractors ready for test "J&K". Mr. Moberg of Sweden came out to say "Goodbye" as he plans to leave early to-morrow A.M.

Sunday October 8, 1950

Attended Sunday school and Church. Also meeting at 1st Baptist to plan personal Evangelism work. Worked in office to-night for 4 hours.



Monday October 9, 1950

Completed all of drawbar tests on 88 & 99 tractors this A.M. Made belt check on 98 and started to tear it down. Making belt check on 99. Attended dinner at First Christian church and called on 5 families in behalf of Warren Church.

Tuesday October 10, 1950

Completing inspection of Oliver 88. Inspection of Oliver 99 to-day. Worked on reports and completed all work on Oliver tractors. Attended ASAE Meeting this evening.

Wednesday October 11, 1950

Sent out letters regarding new bulletin revision this morning. Went out to see John Deere used on terracer. Spent afternoon working at home. Bill took physical examination at Omaha to-day. Henry changed tires on motor grader.

Thursday October 12, 1950

Had visitor from City Campus who wanted to write a story about Tractor Test. Meeting with Dean Lambert to-day at 1.15 P.M. regarding law suit.

Friday October 13, 1950

Worked on Farm and Home week program. Took Choremaster report to Railway Commission. Henry worked in lab. cleaning up odd jobs in general. Bill helped on the farm. Bob also helped on the farm. Massey-Harris 55 Diesel arrived this evening. Went to see television at Mrs. Haag.

Saturday October 14, 1950

Mr. Cannon and I went out to see Mr. Crawford at Cheney about hay at 6 A.M. Attending Farm and Home week committee meeting this morning. Worked in office balance of morning. Worked with Mr. Cannon all afternoon and evening. Hauled hay after setting part of roof on.

Sunday October 15, 1950

Hauled 2 more tons of hay in this A.M. before going to Sunday School and Church.

Monday October 16, 1950

Worked in office all forenoon. Fred Bernielan M.M. Dealer called this forenoon. Went down town to see Dodge Power Wagon before answering letter. Harold Mizner of Massey-Harris arrived last night about 6.30 P.M.

Tuesday October 17, 1950

Prof. Leubs coming out about 2 P.M. this afternoon for inspection. Starting Massey-Harris Diesel out on break in test. Made a transcription for KMA to-day. Group from Omaha coming at 3.00 P.M. for 15 min. Carskaden arrived this afternoon.

Wednesday October 18, 1950

Continuing limber up test on Massey-Harris Diesel 55 to-day. Completed limber up run and got tractor belted to Dyn. Decided to start up at 3 A.M. the next morning.



Thursday October 19, 1950

Began belt test at 3 A.M. and made running trials all day but power was off and fuel consumption high. Kept trying until 7 P.M. Decided to start again at 3 A.M. to-morrow.

Friday October 20, 1950

Ran belt test on Massey-Harris 55 Diesel to-day. Results were not as expected by manufacturer but accepted.  
After completion of belt test 55 gallons of Socony Vacuum Diesel fuel was purchased. It produced less power.

Saturday October 21, 1950

Worked in lab. during forenoon. Left for farm with a rented truck arriving there by 6 P.M. Bill and Henry soaked test course.

Sunday October 22, 1950

Returned to Lincoln Sunday afternoon with a cow and calf. After leaving cow with Mr. Cannon, prepared track for test on Monday by applying two tanks of water on it.

Monday October 23, 1950

Unable to satisfy Co. Representatives with track condition. Messed around all day and finally put two more tanks of water on track and left it until morning.

Tuesday October 24, 1950

Started packing track at 7.00 A.M. and by noon started tests on all gears finishing by 4.30 P.M.  
Met with Mr. Davidson of N.Y. City to give testimony in connection with American Steel Tractor Corporation.

Wednesday October 25, 1950

Started 10 hour test at 6 A.M. Everything went according to schedule. Finished at 4 P.M. and removed weight from wheels.

Thursday October 26, 1950

Ran tests "J and K" to-day and brought tractor back on belt for recheck. Power was restored.

Friday October 27, 1950

Opened up tractor for inspection. Ran check on fuel injection system manufactured by LeMar Co. with no improvement.

Saturday October 28, 1950

Henry going out to see John Deere "R" tractor to-day. Bob. summarizing data on test made yesterday.

Sunday October 29, 1950

Worked on aeroplane model this P.M.

Monday October 30, 1950

Craig Cannon, Louis Villmer and Les Parks arrived from Milwaukee to start test on "C A" this morning. Began test "A" about noon.  
Clifford and Mamey arrived to-day for poultry meeting.

Tuesday October 31, 1950

Continue limber up test, which was completed by 4 P.M. I visited with Clifford until 7.30 A.M. when he left Lincoln. Attended Tractor Test Board meeting at 3 P.M. to discuss Petter engine test. Helped at party for neighborhood youngsters at community house.

Wednesday November 1, 1950

Starting preliminary belt run on Allis-Chalmers "CA" model this morning. Barometer was coming up so decided to wait until 6 P.M. when Bar. was much higher. Ran belt test during the night finishing at 4 A.M. Good results. Received wire from Chrysler Corporation saying that they were ready.

Thursday November 2, 1950

Finished belt test at 4 A.M. Went home at 5 A.M. and slept until 10 A.M. Watered the track and had test course ready by 2 P.M. when we started draw-bar testing. Finished all gears by 6 P.M. Sent wire to Chrysler Corp. giving date of test as November 10.

Friday November 3, 1950

Rained and snowed last night. Worked in office all day on correspondence and reports.

Saturday November 4, 1950

Stayed home this forenoon. During afternoon 14 Veterans from Filley Nebr. came here for demonstration at Tractor Test. These men spent 3 hours here.

Sunday November 5, 1950

Went to Nebraska City for a trip to-day. Took Mr. and Mrs. Ferguson along.

Monday November 6, 1950

Began test "H" in second gear on "C-A" Allis-Chalmers tractor. Finished by 9.30 P.M.

Tuesday November 7, 1950

Ran Test "J" but results not too satisfactory so decided to refinish track and start over. Unable to do any more test work to-day. Started at 7 A.M. and went home at 5.30.

Wednesday November 8, 1950

Snowed and rained last night so track was not useable to-day. Went ahead with inspection of tractor since we couldn't do anything else.

Thursday November 9, 1950

Mr. Hildebrand arrived this morning with the Dodge Power Wagon. Craig Cannon and Louie Villmer left this afternoon for Milwaukee after completing test on "CA tractor. We ran test "J and K" to-day.

Friday November 10, 1950

Worked with the Dodge Power Wagon all day. Trying belt HP and also checking pounds pull in different gears. George Downes stopped to-day. Attended staff meeting this morning.

Saturday November 11, 1950

Working with Dodge Power Wagon in arranging weights, hitch etc. during the forenoon. Mr. Hildebrand used my football ticket this P.M.

Sunday November 12, 1950

Spent day at home except for church in forenoon. In the evening we heard Mr. Maxwell read some "Riley!" He also showed pictures of Nebr. flowers.

Monday November 13, 1950

Started limber up test on Dodge Power Wagon this morning and continued all day.

Tuesday November 14, 1950

Continued limber up test on Dodge Power Wagon finishing by 2 P.M. Hitched rig to belt and goy all set to go. Decided to wait until wednesday morning as barometer was real low.

Wednesday November 15, 1950

Barometer still considerably below normal so did not run to-day. Forecast for rising barometer to-night and to-morrow morning. Will start to-morrow morning. Attended A.S.A.E. meeting to-nite at 7.30.

Thursday November 16, 1950

Started running engine at 4 A.M. to start belt test on Dodge Power Wagon. Completed test by 11 A.M. and after lunch started drawbar tests. These were finished by 5.30P.M. Track was watered and packed during morning.

Friday November 17, 1950

Started drawbar 10 hour test at 6.11 A.M. Mr. Hildebrand, Chrysler Representative was not present during start nor during entire test. Finished without any difficulty by 4.11 P.M. Then we ran low gear max. and removed all weights and ran test "J".

Saturday November 18, 1950

Farm and Home week committee meeting at 9.00A.M. room 307 Ag. Hall. Did no official work at Tractor Testing to-day, since we worked such long hours during last two days.

Sunday November 19, 1950

Spent day at home.

Monday November 20, 1950

Rechecked Dodge Power Wagon on belt and found Hp fully the same as during previous test. Worked on balance of data obtained during test of Dodge Power Wagon.

Tuesday November 21, 1950

Ran recheck on 6th gear on Dodge Power Wagon to-day. Made inspection of Dodge Power Wagon and completed report. Mr. Hildebrand of Chrysler left this P.M.

Wednesday November 22, 1950

Working in office all day. Henry getting place cleaned up in general before Thanksgiving.

Thursday November 23, 1950

Spent day at home as did everyone else at Tractor Testing. Installed blower at my mothers house to-day.

Friday November 24, 1950

Worked in office all forenoon getting correspondence taken care of. Went up town during P.M. Bill and Mrs. Haag on vacation. Henry cleaned up in general.

Saturday November 25, 1950

Went to Omaha to-day to attend Sisters Silver Wedding Anniversary. Henry cleaned up in general at Tractor Testing.

Sunday November 26, 1950

Worked 3 hours during morning on reports.

Monday November 27, 1950

Helped Mike with his corn picking experiment. Henry and I worked all day. Bill stayed in office and worked all day.

Tuesday November 28, 1950

Cleaned up in general and getting ready for Farm and Home week. Also making plans for Oyster Stew to be held next Thursday nite.

Wednesday November 29, 1950

Beginning of Farm and Home week to-day. Had many visitors here during the day and put on a number of demonstrations. Attended Alumini Barbecue this evening.

Thursday November 30, 1950

Preparing for Oyster Feed to-night. 45 attended the feed to-nite. Mr. Crozier came to Lincoln but did not stay for feed, as we had planned.

Friday December 1, 1950

Preparing for Farm and Home week meeting on fuel troubles for this afternoon. Had a very good attendance. Saw Emanuel Rasmussen at Cornhusker last nite.

Saturday December 2, 1950

Working in office all day. Went out to see about cletrac. Hauled straw in from Dale Weese on return from College Farm.

Sunday December 3, 1950

Spent day at mother's. Had our Thanksgiving turkey to-day.

Monday December 4, 1950

Spent forenoon at office. Bob ran some checks on Oliver 88. Diesel tractor. Emanuel Rasmussen arrived at noon to-day and stayed over nite. Attended basket ball game to-night. Bill and Mrs. Haag worked on bulletin revision to-day.

Tuesday December 5, 1950

Emanuel Rasmussen left this forenoon for Brunswick, Nebr. Henry used motor grader to work streets. Taking cletrac apart to-day as clutch was bad and needs repair. Working on new bulletin.

Wednesday December 6, 1950

Bill went to hospital to be with sister who is having an operation. Henry and Bob are working on Oliver 88 Diesel. Working on summary sheet data. Getting repairs for cletrac tractor to-day.



Thursday December 7, 1950

Stayed home to-day nursing a cold. Henry and Bob ran checks on Massey-Harris Diesel. Mrs. Haag and Bill worked on bulletin. Truck came for Oliver tractors to-day. Both tractors were filled with alcohol to avoid freezing.

Friday December 8, 1950

Henry and Bob ran more checks on Massey-Harris Diesel. Attended faculty meeting this A.M. Prof. Smith started running a check on the Parrot farm tractor to-day. Mr. Parrot lives 3 miles North of Havelock.

Saturday December 9, 1950

Bill is helping Mike Arms to-day. Henry fixing up cletrac tractor. Bob Nelson went home to-day. Finishing bulletin to-day. Working on tire repair in evening. Started charger for Lenora's car.

Sunday December 10, 1950

Attended church to-day. Stayed home during P.M. until 6.00 when we attended youth fellowship at community house, and then attended young adult group meeting at 7.30.

Monday December 11, 1950

Called Mr. Throckmorton at Osceola this A.M. Planning dinner for next Wed. evening. Met with Mr. Graham, Agri. Editor in regard to bulletin. Prof. Smith is continuing tractor checking.

Tuesday December 12, 1950

Met with Mr. Hurlbut's class at 9.20 A.M. Made arrangements for dinner to-morrow nite for Crozier. Worked on correspondence all P.M. John Deere "R" was returned to-day from farm.

Wednesday December 13, 1950

Prof. Smith working on IHC "M" tractor to-day. Henry getting tractors cleaned up and in condition. Mr. Crozier arrived to-day and we had a meeting this evening with A.S.A.E. student branch and dinner in his honor.

Thursday December 14, 1950

Meeting with class (Hurlbut's class) this forenoon. Getting ready to leave for Chicago to-morrow.

Friday December 15, 1950

Left for Chicago this forenoon and arrived at Waverly, Iowa by 4 P.M. Stayed with Jones to-night.

Saturday December 16, 1950

Left Waverly this morning and arrived at Dubuque, Iowa at 1 P.M. Stayed at Dubuque all night and left early Sunday morning for Chicago.

Sunday December 17, 1950

Left Dubuque at 7 A.M. and arrived in Chicago at 11 A.M. Attended Temple M.E. church in Loop. Visited planetarium and aquarium this afternoon.

Monday December 18, 1950

Visited the museum of Industry and Science to-day.



Tuesday December 19, 1950

Attended the Welcome Travelers program in morning. Visited Marshall Fields store, stock-market and Union Station. Attended A.S.A.E. meeting this P.M. Went on subway and elevated ride this evening. Had dinner at Stockyard Inn.

Wednesday December 20, 1950

Attended A.S.A.E. meeting this A.M. Left for Industrial museum staying there until 3 P.M. Stopped at Municipal Airport on way out of Chicago and drove straight through to Lincoln arriving at 6 A.M. Thursday.

Thursday December 21, 1950

Arrived home at 6 A.M. to-day. Went to bed and slept all forenoon and most all afternoon.

Friday December 22, 1950

Returned to Tractor Test to-day. Attended staff meeting. Getting ready for meeting for Saturday.

Saturday December 23, 1950

Met with Veterans class at Waverly all day to-day. Mr. Weyand of J.I. Case was also along.

Sunday December 24, 1950

Spent day at home.

Monday December 25, 1950

Spent entire day at home. Mother and Omaha family had dinner with us.

Tuesday December 26, 1950

Worked on car during forenoon and went to Omaha during afternoon. Had Chinese dinner in Omaha and visited Sorenson in evening.

Wednesday December 27, 1950

Worked in office all forenoon. Went to city during afternoon. Still working on reports to be filed. Mr. Cannon and I hauled bricks this evening. Smith working on Ford.

Thursday December 28, 1950

Worked in office all day. Man from Socony Vacuum called to check reports. Spent nearly all forenoon here. Still working on reports. Smith working on Ford.

Friday December 29, 1950

Mrs. Haag was gone for funeral at Albion, Nebr. Opened up Ford 8 N tractor that C.W. Smith was working on and after cleaning out engine we recovered 1.6 Hp additional.

Saturday December 30, 1950

New Years Holiday.

Sunday December 31, 1950

Went to Omaha to-day.

Monday January 1, 1951

Holiday - Spent day at home.

Tuesday January 2, 1951

Working in office all afternoon. Spent forenoon down town.

Wednesday January 3, 1951

Had appointment with Dr. Edward this forenoon.

Mrs. Haag and Bill worked in office all day. I stayed at home all forenoon in bed due to a cold.

Thursday January 4, 1951

Worked in office until 10:00 O'clock. Henry, Bill, Dan and myself visited the Conoco Bulk Station. Had conference with Prof. Smith regarding International request.

Had dinner at Lone Oak this evening with folks at Tractor Test. People present were: Mr. and Mrs. L.F. Larsen, Mr. and Mrs. Henry Lentfer, Mr and Mrs. Ben Haag, Shirley Parli, Mr. and Mrs Bob Nelson, Charlene Borgaard and Mr. Bill Larsen.

Friday January 5, 1951

Called on L.F. DeBrown, Manager, Muny. Airport. Tel. 2-4661 in regard to the use of runway for test purposes.

Attended staff meeting this A.M. Working on Tractor Test data.

Saturday January 6, 1951

Spent forenoon at Tractor Test. During P.M. I took feed out to College View and had it ground.

Sat. nite we had dinner at the Davis home.

Sunday January 7, 1951

Spent day at home

Monday January 8, 1951

Spent forenoon at City. Afternoon attended John Deere Day.

Bill and Bob worked on reports for research.

Tuesday January 9, 1951

Worked in office during forenoon. Mr. Sargent of IHC. called regarding a test in June.

Class from College View here at 2 P.M. About 15 men came for all afternoon.

Wednesday January 10, 1951

Have appointment with Dr. Edwards this forenoon at 10:00 A.M. Appointment with Mr. Graham at 11:00 A.M.

Helped Kitchen get some tractors ready for 4-H leaders Tractor meeting.

Met with Dean, Graham and Hurlbut at 3:45 P.M.

Smith testing all day to-day.

Thursday January 11, 1951

Helped get Smith's tractor ready to go after cleaning out combustion chamber, Gained 2.7 HP. when rechecked.

Worked in office all P.M. Ran check on Smith's tractor from 7:30 to 10 P.M., finishing up this tractor.

Friday January 12, 1951

Took head off John Deere. Took pictures and put it to-gether again.  
Started checking Ford tractor. Two farmers visited Test Lab. for information about diesels to-day.  
Norm Weyand called to-day regarding 4-H leaders tractor meeting.

Saturday January 13, 1951

Met with R. Graham at 9:00 A.M. regarding summary sheet. Helped Smith run test on Ford tractor this forenoon.

Sunday January 14, 1951

Dried grain on floor in Tractor Test building to-day.

Monday January 15, 1951

Two men from Cummin Diesel called to-day in an effort to get some test work done.  
Working on Ford tractor again for C.W. Smith.

Tuesday January 16, 1951

Worked on Smith tractors all day. Henry worked last nite until midnight.  
John and I started at 6 A.M. to-day.  
Ernst Orthmann arrived to-nite at 8:00 O'clock. Stayed over nite and left about 9:30 Wednesday A.M.

Wednesday January 17, 1951

Ernst Orthmann left for Holdrege about 9:30. Made dental appointment at 1:00 P.M. Called at Railway Commission at 2:00 and returned to Tractor Test at 3 P.M.  
Met with Dan Kitchen. Continued helping Smith with tractors.

Thursday January 18, 1951

Started work at 5:30 A.M. Took care of correspondence, checked summary sheet.  
Geo. Downes, N.B. Weyand called to-day about 4-H club.  
Called at purchasing agent to discuss Garden tractors. Called on Hugh Cargo about the same deal.

Friday January 19, 1951

Helped Kitchen get an Oliver tractor lined up for 4-H tractor Club meeting.  
Attended Staff meeting at 11:00 A.M.  
Merlin Hansen called in regard to methods of weighing propane when we tested M.M. tractor. Continued helping C.W. Smith on tests of farm tractors.

Saturday January 20, 1951

Worked on John Deere all Saturday forenoon. Met with Hurlbut, Graham, regarding Summary sheet and bulletin.

Sunday January 21, 1951

Monday

Monday January 22, 1951

Met with Mr. Ingram regarding garden tractors. Planning 4-H tractor club with Dan Kitchen.  
Made reply to International tractor testing Commission.  
Mr. Laird of General Electric called to-day in regard to Dynamometer.

Tuesday January 23, 1951

Took pictures for A.S.A.E. student group. Mr. Weyand called to-day in regard to 4-H tractor club.

Wednesday January 24, 1951

Expect Mr. Shiro Shimizo, Japan to-day.  
Helped Dan Kitchen all day in connection with 4-H club work. Continued helping C.W. Smith with testing. Also preparing charts and graphs from test results.

Thursday January 25, 1951

Meeting with officers of A.S.A.E. (student group) . Getting ready for 4-H tractor club. About 41 leaders arrived for meeting this afternoon.

Friday January 26, 1951

4-H tractor club meeting all day. Attended Banquet in evening.

Saturday January 27, 1951

Spent Saturday forenoon with 4-H tractor club. Cleaned up machinery Lab. during Sat. afternoon.

Sunday January 28, 1951

Stayed at home all day.

Monday January 29, 1951

Working on correspondence during forenoon. Henry and Bill checking tractors left from 4-H tractor club.

Tuesday January 30, 1951

Received applications for testing 3 IHC. tractors to-day and test fee.  
Mr. Weyand fixed up bearings for Case tractor.  
Helped Mr. Walker of John Deere fix up a hydraulic Dynamometer from remote cylinder.  
Sheldon Holt visited here this forenoon.

Wednesday January 31, 1951

Delivered a tractor from 4-H to owner of Oliver and Massey-Harris.  
Sheldon Holt visited here this forenoon. Went to town to get bearing seals for Ford tractor.

Thursday February 1, 1951

Worked in office all forenoon. Received request for Ferguson test.

Friday February 2, 1951

Started making inventory of equipment in tractor test Lab.

Saturday February 3, 1951

Continued making inventory of Tractor Test.

Sunday February 4, 1951

No work at Laboratory.

Monday February 5, 1951

E.A. Olson called this A.M. for a short meeting. Chas. Fowler called to-day regarding Dynamometer and installation.  
Worked on invoice records to set them up in shape. 3 farmers called for Bulletins to-day.



Tuesday February 6, 1951

Mr. Walker from John Deere called to-day to have another gauge tested. Mr. Weyand called regarding meetings. Mr. Tomeler from Socony Vacuum called during P.M. Ran check on Mc. Drg. Farmall which was the last tractor of Smith's test.

Wednesday February 7, 1951

Worked on correspondence during the forenoon. Took inventory during P.M. Finished up last Smith tractor this A.M. Attended A.S.A.E. meeting with Earl Maxwell furnishing entertainment during the evening.

Thursday February 8, 1951

Worked on inventory this A.M. Met with Mike Arms class at 11:00 A.M. 60 men in class, worked on inventory and charts all afternoon.

Friday February 9, 1951

Invoicing all day. Working on drawings.

Saturday February 10, 1951

Invoicing all forenoon.

Sunday February 11, 1951

Home all day.

Monday February 12, 1951

Jeff Rodey from Eagle called to-day about his Veterans Class, wants a meeting here. Worked on tool room and inventory. Working on more drawings.

Tuesday February 13, 1951

Worked in tool room all day sorting out all excess equipment.

Wednesday February 14, 1951

Worked all day in tool room cleaning up and sorting out all excess equipment.

Thursday February 15, 1951

Went to town this A.M. Attended Experiment Station meeting this noon. Mr. Kuntz new distributor for Sheppard Diesel called this P.M. Worked in tool room all day.

Friday February 16, 1951

Harvey came last night and stayed over with us. Worked in tool room and on calculations. Attended meeting at Railway Commission in connection with IHC. tractors. The men from IHC. visited the testing lab. this evening.

Saturday February 17, 1951

Worked in tool room and general cleaning up. Started drawings for Deane Hansen's paper. Worked on correspondence this A.M. Went to Prof. Smith's home for dinner and card party.

Sunday February 18, 1951

Took youngsters to a show this afternoon. Spent balance of day at home.

Monday February 19, 1951

Spent day making inventory. Bill Larsen went home to see his draft Board. Neil Dawes Co. agent called this P.M. regarding oil use in his car. Showed sample.



Tuesday February 20, 1951

Finished inventory this A.M. Bill returned this A.M. and worked on Deane Hansen's drawings.

Wednesday February 21, 1951

Getting ready for group of Veterans to-day. 24 men visited Lab. this P.M. Went to town to order spare tools and parts needed for tool room etc. Mr. Brokaw showed pictures of Germany to ASAE group.

Thursday February 22, 1951

Checked Oliver 88 to-day. Everything in excellent condition. Geo. Downes called about noon to-day. Rebuilt electric control for Oliver 88 to-day.

Friday February 23, 1951

Went to town during forenoon to get parts. Had 35 Veterans from York County here for 2 hours. Also group from Dixon County spent some time here.

Saturday February 24, 1951

Bill Larsen started running a test on a Farmall "M" tractor to see the power lost due to the heavier viscosity of oil. Took brake bands and drums down to Messer's.

Sunday February 25, 1951

Spent entire day at home.

Monday February 26, 1951

Veteran Instructor from Eagle arranged for meeting here Wednesday. Checked all scales to-day with State Inspector. Worked in office all day.

Tuesday February 27, 1951

Spent entire forenoon in City. Stopped at Dean's office, Purchasing Dept., Stores Dept., Homecraft for plastic, Bank, Railway Commission, and Messer's. Did some painting of front door and windows. Conferred with Prof. Smith during P.M.

Wednesday February 28, 1951

About 45 Veterans from Eagle came in to spend the day with us. We showed pictures and made demonstrations on a tractor.

Thursday March 1, 1951

Getting tractor from Ford dealer to show performance to another group of Veterans next Saturday. Getting tractor ready for test. Answering mail and getting material ready to be mailed.

Friday March 2, 1951

Saturday March 3, 1951

Spent entire day with Veteran Class from Waverly. About 20 attended meeting.

Sunday March 4, 1951

Spent entire day at home.

Monday March 5, 1951

Getting ready to calibrate springs. Ran test on Massey-Harris 55 to recheck it. Obtained over 60 horsepower on belt.

Tuesday March 6, 1951

Made a trip to Plainview to-day. was gone all day.  
Henry got all equipment set up so we could start calibrating springs wed. A.M.  
Bill left for Leavenworth to-day.

Wednesday March 7, 1951

Calibrated springs all day to-day. Bill was at Leavenworth to-day for Physical examination.  
Staff meeting at 11:00 A.M.

Thursday March 8, 1951

Continued calibrating springs to-day. Bill returned this A.M. from Leavenworth.

Friday March 9, 1951

Continued calibrating springs for test car. Had to do all of them over again.

Saturday March 10, 1951

Worked in office all forenoon to-day. Worked on Leonora's car all afternoon.

Sunday March 11, 1951

Left for Plainview this morning. Arrived at Cliff. at 2 P.M. Stayed all day and evening.

Monday March 12, 1951

Left Plainview for Lincoln at 4 P.M. arrived in Lincoln at 8 P.M. We were snow bound all forenoon.

Tuesday March 13, 1951

Cass county Farmers day  
Spent day working on Dynamometer

Wednesday March 14, 1951

Cleaned trunnion bearings on both dynamometers

Thursday March 15, 1951

Farmers meeting at 12:45. Arranged for meeting at Weeping Water this afternoon.

Friday March 16, 1951

Tractor Test Board meeting at 10:A.M. Staff meeting at 11:00 A.M.  
Starting to build Dynamometer from water brake.

Saturday March 17, 1951

Started to dismantle the old hydraulic water pumper.  
Received applications for TD-6 and TD-9 to-day. Payment pending decision of Board.

Sunday March 18, 1951

Stayed at home all day.

Monday March 19, 1951

Working on old water pumper. Taking care of correspondence this A.M.  
Went to town during P.M. to see about bearings.

Tuesday March 20, 1951

Mr. Stahn and Conway from Socony Vacuum called to-day regarding test work.  
Mr. Buntz of John Deere called to-day. Working on Clayton Dynamometer.

Wednesday March 21, 1951

Getting machine work done on dynamometer this A.M. Working on mountings and hydraulic cylinder. Received payment for TD-9 test from Mr. Talbert to-day.

Thursday March 22, 1951

Left for Columbia Mo. this noon. Arrived in Columbia by 11:00 P.M. after pleasant trip.

Friday March 23, 1951

Attended A.S.A.E. meeting in Columbia all day. Met Harlan Bollman this P.M.

Saturday March 24, 1951

Attended A.S.A.E. meeting at Columbia this forenoon. Left for Lincoln after lunch, arriving in Lincoln by 11:00 P.M. Elaine and I were both feeling sick this evening.

Sunday March 25, 1951

Stayed in bed all day to-day.

Monday March 26, 1951

Went to office early but returned home to bed.

Tuesday March 27, 1951

Stayed at home all day due to illness.

Wednesday March 28, 1951

Stayed home all day due to illness.

Thursday March 29, 1951

Stayed home all day due to illness.

Friday March 30, 1951

Stayed at home all day due to illness.

Saturday March 31, 1951

Stayed home all forenoon. Went to office during afternoon.

Sunday April 1, 1951

Stayed at home all day.

Monday April 2, 1951

Worked in office all day. Henry was working on dynamometer and also gasoline pump.

Tuesday April 3, 1951

Worked in office during forenoon and in shop during afternoon.  
Mrs. Haag began her vacation to-day.

Wednesday April 4, 1951

Worked in shop all day on dynamometer. About 60 visitors from St. Paul, Nebr. visited here this afternoon. Attended A.S.A.E. meeting to-night.

Thursday April 5, 1951

Went to town this A.M. to order supplies. Helped Henry this P.M.  
Had a lot of visitors here to-day. George Downes called this P.M.

Friday April 6, 1951

Worked on shop all day with Henry. Bill Larsen returned to-day, leaving for Atlanta, Georgia to-morrow.

Saturday April 7, 1951

Spent day in office. Esa Portugali worked on planimeter ~~and~~ forenoon.  
Took Bill out to airport at 10 A.M.

Sunday April 8, 1951

Stayed home all day.

Monday April 9, 1951

Seventeen visitors from Yutan stopped for one hour this A.M.  
Attended faculty meeting at 11:00 A.M. today. Worked in shop all P.M.

Tuesday April 10, 1951

Preparing for meeting at Emerson tomorrow. Henry working on dynamometer.  
Went to City to obtain oil and bolts. Attended Tractor Test Board meeting at 11:30.

Wednesday April 11, 1951

Spent the day with Dan Kitchen at Emerson Nebr. in connection with 4-H Tractor club leaders Training meeting. Eighteen people attended meeting  
Showed pictures of Tractor Testing.

Thursday April 12, 1951

Norman Weyand of J.I. Case Co., called this A.M. Worked in office this forenoon and helped Henry this afternoon.

Friday April 13, 1951

Made areas for planimeter. Henry working on dynamometer.  
George Downes called today to furnish specifications on gasoline.  
Attended faculty meeting this forenoon. Massey-Harris 55 arrived today at 3:00 P.M. Bowers called from Chicago regarding test date.

Saturday April 14, 1951

Making skids for Dynamometer today. Esa checking planimeter measurement to-day. Signed FEI report to-day for student group.

Sunday April 15, 1951

Elaines's Birthday to-day. Had dinner at mother's place. The "B's" from Omaha were there too.

Monday April 16, 1951

Harold Mizner and Ass't arrived this A.M. to start limber up test on Massey-Harris 55. Mrs. Haag returned to work this A.M. after vacation.

Tuesday April 17, 1951



Tuesday April 17, 1951

Continued and finished limber up test today. Barometer real low. Decided not to continue.

Kitchen and I went to Osceola to see Wilnot Crozier and get pictures from him.

Wednesday April 18, 1951

Getting Massey-Harris 55 ready for belt test. Barometer very low so decided not to do any test work to-day.

Thursday April 19, 1951

Attended Board Meeting regarding possible test work for Army.

Waiting for better atmospheric conditions to-day. Plan to start test about mid-night to-night.

Friday April 20, 1951

Started belt test at 1:00 A.M. after preliminary getting ready. Completed test No. 455 at 11:30 A.M. to-day. Took balance of day off after 2:00 P.M. Had many visitors here from Feeders Day.

Saturday April 21, 1951

Working in office all day catching up on correspondence etc.

Sunday April 22, 1951

Spent entire day at home. Started to build 4th model aeroplane.

Monday April 23, 1951

Started working on track early this morning. Still spongy. Ran sheepsfoot roller on it all afternoon. Getting packed good by evening.

Tuesday April 24, 1951

Rained last night. Unable to do any work on track or any test work of any kind. Worked in office all day. Henry serviced tractors and helped students prepare rodeo grounds with John Deere "R".

Visited L.W. Chase in evening.

Wednesday April 25, 1951

Spent day in office preparing material for International Harvester Publication. Had several visitors during the day. Unable to do any test work at all to-day because of rain.

Thursday April 26, 1951

Unable to do any test work to-day as it rained last nite. Helped with Engineers open house during evening and afternoon.

Friday April 27, 1951

Rained last night. Sent pictures and chart away to-day. Pictures went to IHC. and chart to Implement and Tractor.

Had several callers during day. Started working on track by packing. Graded quite a little too.

Saturday April 28, 1951

Spent all day working on track. Started at 5:30 A.M. and worked until 6:30 P.M. Succeeded in getting track packed but no testing.



Sunday April 29, 1951

Had picnic at noon. Drove about city during P.M.

Monday April 30, 1951

Started work on track at 4.30 A.M. put 3 tanks water on and packed track until rain came about noon, no results during balance of day.

Tuesday May 1, 1951

Rained all last night and forenoon. Started to pack track during P.M. (4.30) when track started to dry.

Mr. Haugen arrived this A.M. for a short visit. He is from Norway.

Wednesday May 2, 1951

Spent entire day working on test track. Ran tractors all night to help condition. Attended A.S.A.E. Student Branch meeting to-night.

Thursday May 3, 1951

Continuing to prepare test course all day. George Downes called this forenoon.

Friday May 4, 1951

Worked on test course this A.M. and started to take readings by 2 P.M. Ran all Max. drawbar tests on Massey-Harris 55 to-day. Getting ready for 10 hr. test Saturday.

Saturday May 5, 1951

Started at 3 A.M. to test for 10 hour run to-day. Finished test at 3 P.M. and ran test "J&K" after 10 hour run. Finished at 7 P.M. to-nite. This made a 16 hour day for all of us.

Sunday May 6, 1951

Helped on budget solicitation this afternoon. Attended Friendly Folks Fellowship this evening.

Monday May 7, 1951

Completed report on Massey-Harris tractor to-day and made final inspection too.

David Bradley tractor and Mr. Bloom arrived to-day. Started limber up test on David Bradley tractor this P.M.

Tuesday May 8, 1951

Ran limber<sup>P</sup> test on David Bradley garden tractor to-day. Started at 6 A.M. and ran until 6 P.M.

Getting belt dynamometer ready for small tractor.

Wednesday May 9, 1951

Set garden tractor up for belt test and ran preliminary run by 10 A.M. After having early lunch, started official belt test by 11.30 A.M. Finished by 6 P.M.

Thursday May 10, 1951

Started to rain this A.M. Unable to do any test work. No test at all to-day. Grids for Dynamometer arrived this afternoon.

Friday May 11, 1951

Mr. Bloom of David Bradley left for Kankakee, Illinois last night. To-day we ran Test "F"&"G" also Test "J" on Garden tractor. Checked all results. Arranged for ASAE picnic tonight. Cost \$17.50 for all supplies.

Saturday May 12, 1951

Made all arrangements for 10 hour test of David Bradley but decided to wait until monday. Went to circus in P.M. and helped Mr. Cannon from 3:30 on.

Sunday May 13, 1951

Spent day at mother Larsen's for mother's day. Harvey and Clara came to Lincoln for Mother's day.

Monday May 14, 1951

Went out to Hill turkey farm and bought 12 bales of alfalfa this morning before rain began. Rained all day. Unable to do any test work. Completing paper work on Massey-Harris.

Tuesday May 15, 1951

Still raining a good deal. Unable to do any drawbar test work. Planning some work on hydraulic dynamometer.

Wednesday May 16, 1951

Started checking Massey-Harris 55 on belt. Ran all day attempting to get torque and fishhook. Engine developed a miss and we were unable to find difficulty.

Thursday May 17, 1951

Continued working with Massey-Harris to-day. Discovered where the miss was. New plugs were needed.

Friday May 18, 1951

Started 10 hour test on David Bradley tractor this A.M. Even though weather was threatening, we completed test successfully. Oliver 77 Diesel arrived this A.M.

Saturday May 19, 1951

Spent all day working on reports and completing paper work from yesterday. Henry cleaned up Laboratory, helped with calculations during forenoon.

Sunday May 20, 1951

Spent entire day at home.

Monday May 21, 1951

Pete Burns arrived this A.M. to start test on Oliver 77 Diesel. At 9:30 we started limber up test on Oliver 77 Diesel. Worked on computations and reports for Massey-Harris and David Bradley test.

Tuesday May 22, 1951

Called Ray Bowers this A.M. regarding date for test. Planned May 31st. Continuing limber up test on Oliver 77 Ds'l this A.M. Finished by 1 P.M. Getting ready for belt run tonight. Started belt run at 7:30 finishing at 3 A.M. wednesday morning.

Tuesday May 22, 1951 Cont'd

Henry had an accident with his car - got hit and ruined his car.

Wednesday May 23, 1951

Henry was gone most of day taking care of details following accident. Did not do any work on Oliver Diesel until about noon. Made check on drawbar to determine added weight needed. Weighed tractor and got wheel count. Group from M.E. visited Laboratory during P.M.

Thursday May 24, 1951

Started getting track ready at 4:30 A.M. Ran all Maximum drawbar tests before noon. Changed over to 10 hour rated test and was going by 12:10. Finished at 10:10 P.M. Rain started during last round on test course.

Friday May 25, 1951

Rained last night and this A.M.. Unable to do further drawbar work this A.M. Working on computations all day.

Saturday May 26, 1951

Started rolling track at 7 A.M. and started drawbar test in 6th gear. Changed weights and ran "J" & "K". Finished by 4 P.M. Put tractor on belt and rechecked horsepower.

Sunday May 27, 1951

Stayed at home except for flying model planes in the afternoon.

Monday May 28, 1951

Took Pete Burns to Engineers Club meeting to-nite. Made final inspection on Oliver 77 Diesel and completed computations. Pete left after we finished at 4 P.M.

Tuesday May 29, 1951

Went to town to get some oil for International Harvester Company's tractors. Ordered fuel and made general arrangements for testing to begin Thursday.

Wednesday May 30, 1951

Memorial day - Worked on car all day.

Thursday May 31, 1951

International Super C, MD, Wd -6 arrived this A.M. about 11 O'clock. Mr. Coleman, Mr. Voss and Mr. Nikola arrived shortly after lunch. Started Super C out on limber up run at 3 P.M. Received 300 gallons Diesel fuel and 300 gallons gasoline.

Friday June 1, 1951

Continued Super "C" on limber up to-day. Prepared WD-6 and MD for limber up also and started them out. Rained heavily all night causing flood conditions. Attended Board Meeting with Dean Lambert and Dr. Baker at 2 P.M.

Saturday June 2, 1951

Serious flood condition existing in Lincoln to-day after heavy rain last night. No test work at all to-day.

Sunday June 3, 1951

Took pictures of Henry's wrecked car to-day. Worked at office for 3 hours this evening.

Monday June 4, 1951

Ran limber up test on all IHC tractors. Super "C" was finished by noon. Got in on belt and ran belt test during afternoon. This was finished by 9.00 in evening. Limber up test was completed on MD and WD-6 by evening. Duane and Trudy arrived this afternoon.

Tuesday June 5, 1951

Started at 4.30 this A.M. to wet track. Started driving on test course by 8:30. Started to rain a small amount but continued and ran one test in second gear. Rained more and then we had to stop. Did no more testing the balance of the day. Gerald Karstens called this evening.

Wednesday June 6, 1951

Rained all forenoon - unable to do any test work. Mr. Bloom called to-day. After lunch sun came out and we ran drawbar tests on F/L Super "C" tractor. Carlton Zink called this evening.

Thursday June 7, 1951

Rained last night - Unable to do any test work during forenoon. Ran all Max. drawbar tests during afternoon. Getting ready to run 10 hour test to-morrow.

Friday June 8, 1951

Started 10 hour test at 7:30 A.M. and finished test despite threatening rain all forenoon. Mr. Bloom called this P.M. and OK'ed test report on this tractor.

Saturday June 9, 1951

Ran belt test on WD-6. Began at 4.00 A.M. and ran until 2.00 P.M. Had lunch and came back to run all gears on drawbar. Finished this by 8.00 P.M. tonight.

Sunday June 10, 1951

Slept all forenoon and in afternoon went to Wymore for Vera Free's wedding.

Monday June 11, 1951

Went to work at 5 A.M. But it had rained last night so was unable to start drawbar work at once.

Tuesday June 12, 1951

Ran gears on WD-6 to-day.

Wednesday June 13, 1951

Ran 10 hour test on WD-6

Thursday June 14, 1951

Ran all gears on MD to-day.

Friday June 15, 1951

Ran 10 hour test on MD to-day. Overholt called and said TD-24 had cleared.



Saturday June 16, 1951

Ran "J&K" on MD this A.M. Made calculations all P.M. Left for Texas trip ~~at~~ 6:00 P.M. Arrived at Kitchen farm by 12 midnight.

Sunday June 17, 1951

Left Kitchen farm about 9:30 A.M. and started for Houston. Drove as far as Greenville, Texas where we stayed over night. Traffic was heavy all afternoon, so we couldn't travel too fast.

Monday June 18, 1951

Arrived at Houston this A.M. Left Greenville at 9 A.M. and drove to Houston before lunch. Registered and attended A.S.A.E. meeting during P.M.

Tuesday June 19, 1951

Attended A.S.A.E. meeting all day. Part of meeting was a field trip in afternoon where we saw plane dusters at work. Saw rice fields and display of cotton machinery. Attended A.S.A.E. barbeque during the evening.

Wednesday June 20, 1951

Attended A.S.A.E. meeting at Houston during forenoon and then left for San Jacinto to see Battle ship Texas. On to Galveston and then left for Corpus Christie but stayed over at Port <sup>ese</sup>Aban for the night.

Thursday June 21, 1951

Left Port Abanese this morning and drove to Corpus Christie and then on to Brownsville, Texas. From 5 till 10 P.M. we spent in Mont-Omoros, Mexico.

Friday June 22, 1951

Left Brownsville by 11 A.M. and arrived at San Antonio by 10 P.M. Visited Montamoros, Mexico this forenoon and took many pictures.

Saturday June 23, 1951

Left San Antonio, Texas at 11:30 A.M. for Fort Worth, arriving there at 7 P.M. Stayed at N.A. Kisers Saturday nite.

Sunday June 24, 1951

Enroute home from Fort Worth, Texas. Left Fort Worth at 9:30 A.M. and arrived home by 2 A.M. monday morning.

Monday June 25, 1951

Two IHC crawlers arrived this A.M. early. Bud Fisher and Pete arrived about 10 A.M. this morning. Mrs. Haag was ill today and did not return for work this P.M. Her father passed away on Sunday.

Tuesday June 26, 1951

Ran some limber up yesterday but it rained last night so didn't get much done. Worked on test reports all day.

Wednesday June 27, 1951

Worked on test reports and correspondence all day. Started limber up test at 3:00 P.M. today.



Thursday June 28, 1951

Continuing limber up test this A.M. Control panel for Dynamometer came this morning.  
Ted Haller of Allis-Chalmers called to see about the test date.  
Cultivated corn this forenoon.

Friday June 29, 1951

Ran drawbar tests in all gears on TD-9 and ran 10 hour test on TD-9, during afternoon and evening.

Saturday June 30, 1951

Checked low gear on TD-9 as we needed equalizer on it. Ran belt test on TD-6 during afternoon and evening.

Sunday July 1, 1951

Rested all forenoon and attended model aeroplane contest in P.M.

Monday July 2, 1951

Ran all tests in gears except low. Started 10 hour test at 11:10 A.M.

Tuesday July 3, 1951

Results did not seem quite right so spent day checking results. Made some checks on drawbar but no good results.

Wednesday July 4, 1951

Spent forenoon checking hydraulic cylinder used on test car. During afternoon washed, greased and cleaned car.  
Visited Ferguson's in evening.

Thursday July 5, 1951

Mr. Overholt arrived this A.M. and spent forenoon checking test results of TD-6. Afternoon we made some drawbar runs and decided to put on new track shoes of larger size. Also loosened one track. Ran 100% Max. run this evening.

Friday July 6, 1951

Started belt test this forenoon and ran entire test all over again. Ran 100% Max. on drawbar again as fuel pump was again reset. Changed track shoes this afternoon.

Saturday July 7, 1951

Ran 10 hour TD-6 test over again. Finished by 5 P.M. Began at 5 A.M. and finished work at 5 P.M.

Sunday July 8, 1951

Drove to Savannah, Mo. today to see Clara in the Nichols hospital there.

Monday July 9, 1951

Ray Bowers called from Chicago and Ok'd the test reports on Super C, WD-6 and Md.  
Zink called to get figures on the Farmall Tests.  
Ran all gears over on TD-6 except low and 2nd. Following this we tore up the track by removing upper crust with a ripper. Then we ran drawbar tests in low gear on TD-9 and also TD-6 with much better results.  
After completing all drawbar tests this P.M. we graded the loose soil back in position. We started at 5 A.M. and went home at 10:30 A.M.

Tuesday July 10, 1951

Starting inspection of the two tractors today, working on computations for the two tests that have just been completed.  
Visitor here from Cornell University this P.M. About 20 Ag. Veterans Instructors came for a tour through building.

Wednesday July 11, 1951

8:30 Ole in Read. Room. Met regarding radio program.  
1:30 Met with Graham to start plan individual test reports. Worked on computations and reports and cleaned up TD-6 and TD-9 inspection today.

Thursday July 12, 1951

Went to town this A.M. to get parts for test car. Cleaning up all work in connection with International tests. Took Bud Fisher out to Airport at 11:30. Cleaned up building and tractors in general.

Friday July 13, 1951

Spent forenoon at office. Saw Harvey off at noon. Went to town during noon hour and returned at 3 P.M. Spent balance of afternoon at office. Visitor, Thomas from Burlington called regarding oil testing.

Saturday July 14, 1951

Meeting at 8:30 with Olson in Extension office.  
Made recheck of TD-9 on belt and ran a torque curve as well as friction Hp. with and without fan. Weighed tractors and cleaned up the last work with the crawler tractors.

Sunday July 15, 1951

Spent day at home resting.

Monday July 16, 1951

The three Allis-Chalmers crawlers arrived to-day. Spent day cleaning up the place in general. 500 gallons diesel fuel were delivered to-day.

Tuesday July 17, 1951

Mr. Joe Flamm of Allis-Chalmers arrived to-day and we prepared tractors for limber up run. Oil was changed on HD-9 and HD-15.  
After lunch we started test on HD-9. Flamm did not like our fuel.

Wednesday July 18, 1951

Continued limber up run on HD-9 and also HD-15.  
Mr. Nelson of Oakland, Nebr. and his Soil Savers 4H Club spent the forenoon visiting tractor testing laboratory.  
Making more checks on fuel oil.

Thursday July 19, 1951

Exchanged fuel in large tank and ordered 300 more. Ran belt test on HD-9.

Friday July 20, 1951

Ran drawbar tests on HD-9. All tests completed except low gear. Getting ready for 10 hour test to-morrow.

Saturday July 21, 1951

Ran 10 hour test on HD-9 to-day. Had one stop due to wheels locking on Oliver. Planimeter did not work good all day long.  
Received test fee for test on Oliver 66 Diesel.

Monday July 23, 1951

Ran belt test on HD-15 to-day. Finished limber up test on HD-20.  
An oil leak developed by steering clutch controls. This was overcome by tightening covers.

Tuesday July 24, 1951

Ran test on low gear for HD-9 to-day.

Wednesday July 25, 1951

Ran the higher gears on the HD-15 to-day.

Thursday July 26, 1951

Ran 10 hour test on HD-15 to-day. We started getting ready at 4 A.M. and by 5 A.M. test was under way. Test completed in good order.

Friday July 27, 1951

Rained last night so we were unable to do any test work to-day. Spent day on computations.

Saturday July 28, 1951

Ran the higher speeds on the HD-20 to-day.

Sunday July 29, 1951

Spent the day resting . Went on Picnic in evening with the Ferguson's.

Monday July 30, 1951

Ran the maximum low gear runs on the HD-20 and HD-15 to-day. Tests seemed quite satisfactory using the large hook up.

Tuesday July 31, 1951

Ran 10 hour test on HD-20 to-day. It was not very satisfactory as the HD-20 couldn't pull the load around the ends and load was too far behind.

Wednesday August 1, 1951

Since 10 hour test yesterday was not too satisfactory, we tried using the HD-15 and HD-9 as loading units. This was worked out and test was planned for to-morrow.

Thursday August 2, 1951

Ran 10 hour test on HD-20 over again to-day using HD-9 and HD-15 as loading units.

Friday August 3, 1951

Spent entire day making computations on test reports and completing inspection of tractors.

Saturday August 4, 1951

Working in office all forenoon. Henry took forenoon off to compensate partly for considerable overtime.  
Haller and Flamm left early to-day.

Sunday August 5, 1951

Attended Air Show at union air port to-day.

Monday August 6, 1951

Worked in office all forenoon and spent afternoon downtown. Ordered two new batteries and chart paper to-day. Mr. Vasey was with me all afternoon.

Tuesday August 7, 1951

Mr. Underwood of consolidated Engineering spent all forenoon here. Vic Larsen of Arapahoe had 24 veterans in for the day - spent 2 hours here visiting.

Wednesday August 8, 1951

Took three reports to Railway Commission to-day. Visited Dean Lambert with Mr. Vasey this P.M.

Thursday August 9, 1951

Spent most of the day at home fixing fence. Mr. Sullivan of Cato Oil Company called this A.M. Had planned to go to Burwell to-day but called trip off.

Friday August 10, 1951

Took Mr. Vasey of Australia to Columbus, Central City and return. Stopped to see several farms enroute, Emiel Christanse of Columbus, Milan Austin of Columbus, Stover of York. Returned to Lincoln about 9 P.M.

Saturday August 11, 1951

Spent forenoon in office. Met Mr. Vasey at 11:30 this A.M.

Sunday August 12, 1951

Spent entire day at home.

Monday August 13, 1951

Finished test reports on Allis-Chalmers crawlers. Called Ted Haller of Allis-Chalmers at Springfield, Illinois. Spent afternoon at City on business.

Tuesday August 14, 1951

Cleaned up equipment in general in preparation for French visitors. Loaded three International Harvester tractors for shipment back to factory. I spent afternoon at home.

Wednesday August 15, 1951

Group of French men coming at 1:30. Spent three hours here inspecting our test work. I spent forenoon working at home. Mr. Kries of Miracle Power called to-day.

Thursday August 16, 1951

Took Six French men on a tour about City. Spent afternoon working at home. George Downes stopped on for short visit.

Friday August 17, 1951

Henry worked on I-4 hoist. Sending out International Harvester Tractor reports. I spent all day at home working.



Saturday August 18, 1951

Henry stayed at home to-day. I spent all forenoon at the office.

Sunday August 19, 1951

Had picnic with Sampson family to-day. This evening Donald Frank of Diamond Transportation Company called and wanted to load Oliver 77 Diesel tractor. Helped him get it out.

Monday August 20, 1951

Spent part of afternoon at City. Had telephone call from Mr. Flowers of Allis-Chalmers about shipping HD-20 to Arizona.

Tuesday August 21, 1951

Spent part of forenoon at City. Jean Whitson, Mr. McCuen and J.D. Blookman called to-day for a visit.  
Received rolls of chart paper to-day.

Wednesday August 22, 1951

Hauled out junk this A.M. Grading track some. Tried to do some nickel plating of fuel weighing equipment.  
Mr. Stutzman of Allis-Chalmers, Omaha came to-day to load HD-20 on flat car.

Thursday August 23, 1951

Henry is grading for Billings at City Campus. 5 hours.  
About 30 Veterans from Dodge, Nebr. came for a 2 hr. visit to-day.  
Worked on track all afternoon. Cleaned out ditches and leveled test course.

Friday August 24, 1951

Purchased 35 chickens for locker. Mrs. Haag 11, L.F.L. 12 and Henry 12.  
Leslie Johnson called to-day about garden tractors.  
Ray Heller called for a short visit to-day. Started to calibrate springs to-day in test car. Opened up ditches in test course where grader couldn't be used.

Saturday August 25, 1951

Henry not here to-day as he is getting ready to move. Worked in office all forenoon.

Sunday August 26, 1951

Monday August 27, 1951

Henry started his vacation to-day. Calibrating springs to-day.  
Visitor from Charles City and also from Moline, Illinois.

Tuesday August 28, 1951

Had about 30 Ag. Veteran Instructors here from 10:30 A.M. until noon.  
Went to City during P.M.

Wednesday August 29, 1951

Moved Cletracs<sup>of</sup> mud and worked on test course all forenoon.  
Checking I.H.C. Super C, WD-6 and MD reports during P.M.  
Mr. Warner from California stopped to get Bulletin and Harvester World.



Thursday August 30, 1951

Group of 4H visitors from Madison County came to visit at Tractor Testing. Spent most of the day. Mr. Richardson from Omaha called to make arrangement for deliveries of Allis-Chalmers Crawlers.

Friday August 31, 1951

Spent noon hour at City. Mr. Taylor from British Embassy visiting to-day. Group of Veterans from Neligh, Nebr. visited this forenoon at Laboratory. Two men from Holland visited Lab. from 3 P.M. to 5 P.M.

Saturday September 1, 1951

Truck to pick up I.H.C. TD-9 Crawler. Worked in office all forenoon. Sent letter to Hautzenroeder to confirm order for used Ferguson tractor.

Sunday September 2, 1951

Monday September 3, 1951

Painted a car to-day. Helped work at the church this evening.

Tuesday September 4, 1951

Truck to pick up I.H.C. TD-6. This truck is coming from Valley, Nebr. to pick up this tractor for Hugh Rhea.

Wednesday September 5, 1951

Started painting in calculating room to-day. painted all day.

Thursday September 6, 1951

Dick Hautzenroeder called to-day regarding test of TO-30 tractor. Mansell of ABOE called and cannot come until last part of November.

Friday September 7, 1951

Attended Fair all day. Henry started to put down tile floor after removal of paint.

Saturday September 8, 1951

Worked on placement of tile floor all day to-day.

Sunday September 9, 1951

Painted my car to-day.

Monday September 10, 1951

Cleaned up in general to-day. Painting screens this afternoon. Fixing table in wash room.

Tuesday September 11, 1951

Gail Kreis of Miracle Power called today in regard to testing of their product. Met with Director Baker and Prof. Smith this A.M. Setting up new table in wash room for convenience of visitors.

Wednesday September 12, 1951

Checking reports on International Harvester tractors and also Allis-Chalmers.  
Received parts from Plating Co. today.

Thursday September 13, 1951

Assembled fuel weighing apparatus and cleaned up in general for visitors  
expected to-morrow.

Friday September 14, 1951

Spent entire day with Tolmar Nelson, Mr. Shaeffer and Mr. Jackson of the  
J.I. Case Company.  
These men came out to see about having a test made on Case LA tractor.

Saturday September 15, 1951

Worked in office this forenoon and at home all P.M.

Sunday September 16, 1951

Monday September 17, 1951

Dean Hansen called briefly today. Dead weight tester returned today.  
Bill Sprick and Ken VonBargen called today. Mr. Conway from Socony Vacuum  
called today. Made a trip to town today.

Tuesday September 18, 1951

Fixed up a hydraulic cylinder for McMasters to use in Omaha today.  
Carl Reller called to ask about test of Avery model tractors.  
May want to test this fall if possible.

Wednesday September 19, 1951

Two visitors from Illinois called for a visit today. Working on connection  
for dynamometer to-day.  
Carl Reller called again about testing Minn.-Moline tractors in October.

Thursday September 20, 1951

Veterans class came to day at 10 A.M. About 150 men visited the Laboratory  
for about one hour.  
Called Tolmar Nelson about test date and Carl Reller of Minn.-Moline .  
Now plan to test Case tractors Nov. 1, and Minn.-Moline October 1st.

Friday September 21, 1951

Petter Diesel engines arrived to-day.  
Worked on summary sheet and bulletin. Assembling parts chromed for fuel weighing  
apparatus. Had difficulty with leak. Dissembled again.  
Had a Norwegian here for visit.

Saturday September 22, 1951

Working on fuel weighing equipment this forenoon. Also coupling for Dynamometer  
and hitch for test car.  
Had tractor test Board meeting this forenoon to discuss miracle power.

Sunday September 23, 1951

Monday September 24, 1951

Hunted all over town today for universal joints to fit Petter Diesel engines. None available.

Pfundstein and Tom Wilkenson from Ethyl Corporation called today and attended Lincoln Engineers Club Meeting to-nite.

Tuesday September 25, 1951

Meeting with Prof. Wieland at 9 A.M. today to discuss project for testing additive. He was not in favor of anything like that as no additives are any good.

Had group of 15 farmers from Washington County with Sam Lingo, County Agent.

Wednesday September 26, 1951

R.A. Wieggers of Marysville, Kansas stopped in today to announce his new distributorship in Kansas and Nebraska for the Detroit tractor and to see about a test.

Went to town today and had car spring replaced. Pfundstein and Wilkinson left this forenoon.

Thursday September 27, 1951

Two farmers from Plymouth, Nebr. visited the Laboratory today.

George Downes called this A.M. Man from Canada also stopped for visit.

Sent a sample of gasoline to Ethyl Laboratory at Kansas City.

Friday September 28, 1951

Veterans class 9:00 to 10 A.M. 20 men came from Bancroft. Today was Rooters day and about 200 men came through building for visit. Henry and I were busy all day answering questions etc.

Saturday September 29, 1951

Working on table in wash room and getting ready for test next week.

Ferguson TO-30 arrived this forenoon and we got it unloaded and put away.

Sunday September 30, 1951

Dick Hautzenroeder arrived this afternoon from Detroit.

Monday October 1, 1951

Meeting with Dr. Hixson at Deans conference room at 9 A.M. regarding short course for foreign students. Attended faculty meeting at 11 A.M. Checked Ferguson over completely and started limber up test at 3 P.M.

Tuesday October 2, 1951

Teaching classes for Milo Arms all day. Continued limber up test today, finishing at 6:30 P.M. Made several checks of drawbar Hp. during the day.

Wednesday October 3, 1951

Took all Ferguson men to Ferguson dealer to see a tractor giving trouble with oil in water. Started belt test on Ferguson by running a fish hook curve and checking power output etc.

Thursday October 4, 1951

Henry graded road out to 33rd (Fair St.) for campus upkeep.

2 hours at \$5.00 = \$10.00

Rained last nite so we were unable to run any tests to-day. Called Ted Haller to-day about test reports.

2 hours grading at sheep barn = \$10.00

Friday October 5, 1951

Started belt test on Ferguson at 12.30 A.M. and ran until almost 2 p.m. Pete Burns called this A.M. regarding test date for his tractor. Plans to be here a week from to-day.

Saturday October 6, 1951

Rained all last night. No test work to-day. Checking computation and cleaning up in general to-day.

Sunday October 7, 1951

Had picnic at Peter Pan Park for Hautzenroeder, Hitt and Easterday.

Monday October 8, 1951

Getting test course ready for drawbar test. Graded first after soil had dried then swept loose dust off (6.00 Abel Constr.) Then watered. No testing today.

Tuesday October 9, 1951

Began drawbar tests on Ferguson tractor to-day. Had an excellent track after starting at 5 A.M.

Ran all gears on 11 inch as well as 10 inch tires. Getting ready to start 10 hour test to-morrow.

Wednesday October 10, 1951

Began getting ready for test H at 5 A.M. Started 10 hour test at 7:15 A.M. Finished test in fine shape and closed up shop by 6 P.M.

Thursday October 11, 1951

Started at 6 A.M. to remove weights and by 7:30 were ready to run test K. Finished test "J" by noon. Brought tractor in to check belt Hp. Had lost almost one horsepower.

Friday October 12, 1951

Veterans class coming at 9:30 A.M.

Made final inspection to-day and after this was completed rechecked the Hp on the belt. Oliver 66 diesel arrived this forenoon. Pete Burns and Homer Dommell came with it. Started limber up test by 1 P.M.

Saturday October 13, 1951

Continued limber up test on Oliver to-day finishing by noon. All Ferguson people left this A.M. Finished limber up test and started belt runs by 3 A.M. Finished by 11 P.M. Saturday night.

Sunday October 14, 1951

Monday October 15, 1951

Prepared tractor for drawbar test and checked weight on wheels during forenoon. After lunch we started all maximum runs and finished by 6:00 P.M. Spent 3 hours - 7:00 to 10:00 P.M. preparing for meeting Tuesday.

Tuesday October 16, 1951

Ran test "K" by changing wheels. Attended Farm and Home Week by being on the program. Started 10 hour test at 12:30 today and ran until 10:30 P.M.



Wednesday October 17, 1951

Working on computations and getting ready to run test "J" which was finished by noon to-day.  
Started inspection after lunch. Called Prof. Weiland who came out to see the opened tractor.

Thursday October 18, 1951

Finished computations and assembled tractor to-day. Oliver men left for Charles City this P.M.  
Had many visitors from Farm & Home week to-day.

Friday October 19, 1951

Installed plumbing in church this forenoon. During P.M. worked in office.  
Minn-Moline "R" and Minn-Moline "BF" arrived to-day.

Saturday October 20, 1951

Started Minn-Moline "R" on limber up test to-day. Ran all afternoon (6hrs).  
Left for the farm this afternoon at 4 P.M.

Sunday October 21, 1951

Visited at the farm to-day and returned to Lincoln.

Monday October 22, 1951

Attended meeting at Hixson office from 9:30 to 11:00 A.M.  
Finished test A at 2 p.m. and prepared for belt test. This got under way about 5 P.M. Finished at 3 A.M. Tues. Finished Test A on Minn-Moline "BF" at 10 P.M.

Tuesday October 23, 1951

Started belt test on Minn-Moline "BF" at 7:30 A.M. Ran all day and didn't finish until 9:30 P.M. Had difficulty finding proper setting for carburetor during operating setting.

Wednesday October 24, 1951

Started drawbar tests on Minn.- Moline "R" tractor to-day. Finished by noon and then ran all drawbar tests on Minn-Moline "BF" during the afternoon.

Thursday October 25, 1951

Started 10 hour test this A.M. at 6 and finished by 6 P.M. All went out to Lone Oak for dinner. Herb. Hartz from Marvel-Schebler left for Milwaukee at 9:00 P.M.

Friday October 26, 1951

Raining - Unable to do any test work. Got ready for Test "J" but could not get on track until 3 P.M.- Only took one chart when it rained again.  
Worked on computations all day. Made re-check on tractor on belt.

Saturday October 27, 1951

Opened tractor for inspection to-day and completed entire report. Finished by 2 P.M.

Sunday October 28, 1951

Worked in office all forenoon.



Monday October 29, 1951

Worked on computations for Minn-Moline "R" to-day. Ran 100% over two times attempting to get more Hp. After making several checks of carburetor setting we came to the conclusion that carburetor had been set one turn open too far in all previous tests.

Tuesday October 30, 1951

Started 10 hour test at 6:00 A.M. after preliminary preparation and warm up period. Finished without any difficulty.  
Had tractor test Board meeting at 1:30 P.M.

Wednesday October 31, 1951

Started to recheck 2nd and 3rd gears to-day. In P.M. ran Test "J". Made recheck on belt in evening.

Thursday November 1, 1951

Working on computations all day. Started final inspection after lunch. George Downes called this afternoon. Jim Conway and John Clark called this P.M. Had meeting with C.W. Smith regarding Agr. Eng. Handbook.

Friday November 2, 1951

60 Veterans visited Laboratory. Were from Neligh, Nebr.  
Finished inspection of Minn-Moline "R" to-day and worked on computations all day.

Saturday November 3, 1951

Meeting at 8:30 A.M. in library with Olson and others. Discussion with Ramiah during forenoon. Finishing reports etc. from Minn-Moline tests. Don Weilage called this forenoon.

Sunday November 4, 1951

Stayed at home all day.

Monday November 5, 1951

Meeting with Hixson at 9:30 A.M. Meeting of Staff at 11:30 A.M.  
Robert Mitchell stopped in to see us this A.M. Finished checking the Ferguson tractor. Checked TO-20 on belt for a short time this P.M.

Tuesday November 6, 1951

Worked on TO-20 most of forenoon and got a max. of 21 Hp. less than rated on official test. During P.M. we worked on Minn-Moline "R" and ran a carb. curve and checked friction Hp in various ways.  
Norm. Weyand stopped in for a short visit.

Wednesday November 7, 1951

Worked on Minn-Moline "BF" and ran a carburetor curve and friction Hp of all accessories. Attempted to measure friction Hp of Oliver Diesel but it smoked so much that we had to stop for fear of damaging injectors.

Thursday November 8, 1951

4H Club meeting at Niblers to-night. Had open house for students to-night. Made installation for mounting Petter Diesel engine on test stand. Took plans to Ress Machine Shop for flexible drive. Had 30 visitors.

Friday November 9, 1951

Worked in office most of day. Went to City to see how machine shop work was going. Had call from Tolmar Nelson of J.I. Case Co. to-day. Ralph Walker called to see about hydraulic cylinder. Worked 3 hrs in test Lab.

Saturday November 10, 1951

Working in office all forenoon and setting up Petter diesel engines for test stand.

Sunday November 11, 1951

Sunday evening I worked from 7 P.M. until 11 P.M. on letters and Summary sheet.

Monday November 12, 1951

Henry and I went to see how the John Deere "R" worked on Whirl Wind Terracer. Henry and I worked all day on arranging equipment in Tractor Testing Lab. Getting out letters to manufacturers for new summary sheet. Checking test reports. Visitor from Brazil, Mr. Camargo arrived to-day.

Tuesday November 13, 1951

Took visitor from Brazil to Dale Weese farm this forenoon. Worked on mail, Equipment etc. at Tractor Testing during P.M. TD-24 and Cub arrived to-day but not at our dock. Spent evening with man from Brazil. Shipped Ferguson to-day.

Wednesday November 14, 1951

15 High School visitors arrived to-day for a short stop at Tractor Test. To-day we unloaded TD-24 and Cub from flat car. Ress machine shop finished work for dynamometer connection and we went down to get it and install. Fixing fuel weighing scale at dynamometer room.

Thursday November 15, 1951

Had conference with Prof. Smith regarding test and also Bolen test. Sent out letters to all manufacturers regarding 1952 summary sheet. Took Dynamometer adapter back to Ress Machine Shop for alteration. Shipped Minn-Moline tractors back this P.M. Working on Diesel engine installation.

Friday November 16, 1951

Mounted flexible drive for Petter Diesel engine to-day and checked alignment. Made a trip to City to get oil and flexible tubing.

Saturday November 17, 1951

Worked on engine installation all forenoon. Checked all therocouples etc.

Sunday November 18, 1951

Worked in office and building for 4 hours this evening on mail, reports and laboratory checking.

Monday November 19, 1951

Met Mr. Mansell at Hotel and brought him out to Laboratory. Started air cooled engine and got it going for about 2 hours when top end of cylinder broke loose. Hooked up the water cooled engine and started it by 9:00 P.M. Ran it all night.

Tuesday November 20, 1951

Running Petter engine on limber up test all last night. Ready to run performance curves to-day. Started testing at 1:30 P.M. and finished by 10:00 P.M.

Wednesday November 21, 1951

Went to Hotel to pick up Mr. Mansell this A.M. He tried to locate repair parts but hadn't arrived as yet. Attended staff meeting at 11:00 A.M. went to lunch and then AirPort to get repair parts returning to repair engine. By 6:00 P.M. we had engine running. Continued limber up test until midnight.

Thursday November 22, 1951

Holiday - No work to-day.

Friday November 23, 1951

Started engine at 3:30 A.M. and ran until 9:30. Started taking data and finished block test by 4 P.M. Checked over data and made tentative curves until 5 P.M.

Saturday November 24, 1951

Checked all data further and planned test report to be published. Had conference with Smith and Hurlbut this forenoon. Put jack shaft back on dynamometer after removing engine.

Sunday November 25, 1951

Monday November 26, 1951

Moving Petter engines up for belt test and replacing jack shaft on dynamometer and realigning all parts. Spent 10 hours doing all this.

Tuesday November 27, 1951

Ran belt test on Petter Aircooled Diesel engine to-day on belt. Started at 4 A.M. and ran until 3 P.M. Had difficulty reaching maximum power.

Wednesday November 28, 1951

Running belt test on water cooled Petter diesel engine to-day. Started at 10 A.M. and ran until 9:30 P.M.

Thursday November 29, 1951

Took TD-24 out to farm for terracing work. Frank Ferguson stopped this A.M. to visit. Took Mr. Ramiah to City campus and Photo Laboratory. Worked in office rest of the day.

Friday November 30, 1951

Worked in office all forenoon. Had conference with Sulek and Kitchen regarding circular. Group of G.I. Veterans from Ashland, Nebr. (15), spent afternoon visiting Laboratory. Henry still working out on farm with TD-24.

Saturday December 1, 1951

Henry still working out on farm with TD-24. Worked in office all forenoon on Petter Diesel report.

Sunday December 2, 1951

Monday December 3, 1951

Henry still working out on farm with TD-24. Working in office on letters and reports for summary sheet. Received test fee for testing two tractors next spring from Oliver Corporation at Charles City, Iowa.

Tuesday December 4, 1951

Henry still working on the farm to-day with TD-24. McSherry of Oliver Corporation arrived at 10 A.M. and spent the balance of day with him. Had Board meeting to discuss whether the HG tractor could be sold as OC 3 Oliver tractor.

Wednesday December 5, 1951

Worked on test reports this forenoon. Took some pictures at Agronomy farm for Mr. Hurlbut. Carl Reller called regarding reports. Sent wire to Preising of B.F. Avery to-day. Mailed model tractor to So. Dakota State College. Henry working with TD-24 on farm.

Thursday December 6, 1951

Finished all reports for 1951 except Petter engine reports and delivered them to Mr. Cargo of Railway Commission. Wrote several letters in A.M. Checked Barometer adjustment and found it was not correct, will change this. Showed visitor from Germany about building. Henry still working with TD-24.

Friday December 7, 1951

Working on reports for Petter Diesels. Norm Weyand called this A.M. to see about Case testing program. Jim Conway from Socony Vacuum called this P.M. Mr. Parrott, farmer North of Lincoln called for test reports. Drained oil from Petter Diesel engines to-day. Checking barometer with weather bureau. Henry still working with TD-24 on farm.

Saturday December 8, 1951

Spent forenoon in office working on correspondence and report for Petter Diesel engines. Henry still using TD-24 on College farm.

Sunday December 9, 1951

Worked in office from 9 A.M. to 1 P.M.

Monday December 10, 1951

Had tractor test Board Meeting to discuss test reports for Petter Diesel engine. Worked on reports all forenoon. Had telegram from Long Manufacturing Co.- not to include their tractor. Sent Petter Diesel engine away to Seattle to-day. Went to see corn picker operate in afternoon for 2 hours.

Tuesday December 11, 1951

Working on Petter Diesel engine reports this A.M. Charts etc. Cleaning up for Oyster Feed all afternoon. Mr. Johnson of Minn. Honeywell called this evening regarding potentiometer. Moved tables and chairs for Oyster Feed. Shipped ~~new~~ Oliver 66 Diesel to-day.

Wednesday December 12, 1951

Preparing for Oyster Feed. Worked all day for this event. Checked summary sheet with Mr. Hurlbut.



Thursday December 13, 1951

Cleaning up following Oyster Feed. Henry helped work on my car this P.M.  
Checking results on summary sheet.

Friday December 14, 1951

Henry graded streets all forenoon and worked on grader during P.M.  
Worked in office all day until 3 P.M. Rearranged notes for summary sheet  
and made date to see Mr. Graham at 9 A.M. Saturday.

Saturday December 15, 1951

Met with Mr. Graham to-day and got summary sheet started.

Sunday December 16, 1951

L.F. Larsen left for California to-day.

Monday December 17, 1951

Norman Lien and Bride visited Tractor Test Lab. this A.M. They were on their  
way to California on their honeymoon. Telephone out of order this A.M.  
Telephone Co. repaired telephone this P.M. Taking care of correspondence.

Tuesday December 18, 1951

Sent application for 4 tractors to Merlin Hansen of John Deere Co.  
Shipping AVA2 Diesel engine VIA Watson Bros. to Atlantic Equip. Co.,  
Readville, Massachussets.  
Watson Brothers did not come to pick up AVA2 Diesel engine.  
Analizing years work for past year. Taking care of correspondence.

Wednesday December 19, 1951

Watson Brothers Co. came to pick up Diesel engine at 9:00 A.M.  
Sent Statement to Brush ABOE for \$10.00 for packing engine, etc. Sent letter  
to Atlantic Equipment Co. with bill of lading for AVA2 engine.  
Henry painting in shop. Helped Prof. Smith 1 hour. Analizing years work.  
Sending out requests for Summary Sheet.

Thursday December 20, 1951

Henry cleaned snow off streets with grader. Prof. Smith started his first  
test, Massey-Harris 44 about 10:00 A.M. Paid Cafeteria \$25.55 on bill for  
Oyster Feed. Balance \$13.21. Henry helped Prof. Smith with testing this P.M.  
for 2 hrs. Also painting in shop.  
Looked up data for 10 tractors requested by some Co. (for Prof. Smith.)  
Ress Machine & Supply Co. called about bill. No order number. Decided to  
wait until Mr. Larsen returns.

Friday December 21, 1951

Helped Prof. Smith find data requested for 10 different tractors.  
Checking printed copied of reports No. 468 and 469. Shirley is going to  
recheck them again and send them on to Mr. Graham as Mrs. Haag is going on  
vacation. Henry helped Prof. Smith and John Sahs 4 hours on test work.  
Presenting Wedding Gift to Charleen and Bruce at 4 P.M.  
Office closed Dec. 24, 25, 31 and Jan. 1. Mrs. Haag on Vacation Dec. 24 to  
January 8.

Saturday December 22, 1951

Henry painted in shop and helped Prof. Smith 1 hr. Bill Larsen stopped in  
to visit for one half hour.

Sunday December 23, 1951



Monday December 24, 1951

All Offices closed to-day.

Tuesday December 25, 1951

All Offices closed to-day.

Wednesday December 26, 1951

Henry working in shop. Prepared ceiling for plastering and helped Prof. Smith one half hour.

Thursday December 27, 1951

Henry helped Prof. Smith 2 hours. Prepared and waited for visitors 2 hrs. Prepared for plastering. Showed group of farmers around for 1 hour. Were from Albion, Nebr.

Friday December 28, 1951

Henry tried to start Cletrac, failed. Moved a building for (horse barn) Henry. Talked to a non-scheduled Veterans class. Plastered Lab. ceiling.

Saturday December 29, 1951

Sunday December 30, 1951

Monday December 31, 1951

All offices closed to-day.

Tuesday January 1, 1952

All offices closed to-day.

Wednesday January 2, 1952

Henry helped Prof. Smith one hour; plastered walls in shop balance of day.

Thursday January 3, 1952

Henry helped Prof. Smith 2 hours; painted in shop balance of day.

Friday January 4, 1952

Henry helped Prof. Smith 7 hours. Finished the day painting in shop.

Saturday January 5, 1952

Henry helped Prof. Smith from 7:45 A.M. until 12:45 P.M. 5 hours.

Sunday January 6, 1952

Monday January 7, 1952

Henry helped Prof. Smith 6 hours, Painted in shop balance of day.

Tuesday January 8, 1952

Henry helped Prof. Smith 6 hours . Painted in shop balance of day.

Wednesday January 9, 1952

Mrs. Haag back to work after vacation. Answering requests for summary sheet, etc.

Henry still painting in shop and helping Prof. Smith with testing.

Thursday January 10, 1952

Worked in office all day.

Friday January 11, 1952

Geo. Downes visited here this A.M. to see about 4-H club meeting.

Staff meeting at 11:00 A.M.

John Sulek and I discussed Tractor Field Day meeting. Henry painted all day.

Saturday January 12, 1952

Worked in office in forenoon. Discussed Tractor Field day with Mike Arms. Henry painted all forenoon.

Sunday January 13, 1952

Monday January 14, 1952

Worked in office all day. Mailed several letters. Had group of visitors here from Union College. 8 members (2 hours).

Met with Dan Kitchen to discuss 4-H tractor club. (2 hours).

Henry painted all day. Geo. Downes stopped in to plan short course. 1 hr.

Tuesday January 15, 1952

Went out to farm and brought TD-24 in during forenoon (4 hours).

Visited Anderson Hardware Co. regarding propane for tests next spring. 2 hr.

Arranged for tractors at Minn-Moline and Massey-Harris for 4-H training meeting. 1 hr. Had 25 visitors from City and Country convention. 1 hr.

Wednesday January 16, 1952

Henry is off today. I helped Smith and Sahs get started (1 hr).

Worked on correspondence 3 hours.

Edwin Paul from Minneapolis, Kansas came in today to see about having a test made on a new gadget for engines. He spent 2 1/2 hours here.

Called on Berniklau and Massey-Harris dealer to see about 4-H tractors for leaders training meeting. 1 1/2 hours

Thursday January 17, 1952

Henry is off today. Ordered ice-cream bars from Fairmont today and went out to get it. 2 hr.

Worked on Petter Diesel reports today and made the performance curves over again. 3 hrs.

Planning Tractor Field day for next July. 2 hr. Met with Dan Kitchen regarding 4-H Club Meeting. 1 hr.

Friday January 18, 1952

Went down to get new license for car and french curve for drawing. 1 hr.

Working on performance curves for Petter Diesel engines. 4 hrs.

Geo. Downes stopped to see about 4-H Club Meeting. 1 hr.

Dan Kitchen conferred here regarding 4-H Club 1 hour.

Walt, from College farm came in to see about Weights for Ferguson Tractor. Showed him chains we had. 1 hr.

Saturday January 19, 1952

Received application from Bolens Co. today. Worked on mail all forenoon. 4 hr.

Sunday January 20, 1952

Monday January 21, 1952

Met with Dan Kitchen regarding 4-H meeting at North Platte. 2 hr.  
Ordered oil and grease for 4-H tractor club meeting scheduled for this week end. 2 hours.  
Norm Weyand called today to plan his part in program. 1 hr.  
Dan and I called on O'Shea Rogers to see about tractor. Also Massey-Harris and IHC. 3 hr. Henry worked on John Deere "R" all day.

Tuesday January 22, 1952

Worked in office all forenoon on reports and mail. 4 hr.  
Henry helped all forenoon on Smith project. 4 hr. Worked all afternoon in Laboratory cleaning up for 4-H Tractor Club Leaders Training meeting. Henry helped clean up all afternoon too. Ford and Case brought tractors out for 4-H.

Wednesday January 23, 1952

During forenoon cleaned up by Henry and L.F.L. During afternoon Geo. Downes arrived. Went to town to get IHC and Oliver tractors. Also Massey-Harris. Worked in office from 7:30 until 10:30 this evening in preparation for 4-H Club meeting.

Thursday January 24, 1952

24 Tecumseh High school boys visited here this forenoon.  
Getting ready for 4-H tractor club meeting this afternoon. Henry and I worked all day. 8 hr.

Friday January 25, 1952

Worked with 4-H tractor club all day. Both Henry and I worked with 4-H. 10 hr.

Saturday January 26, 1952

Worked with 4-H club (tractor) all forenoon. (5 hr.) Henry and I both helped.

Sunday January 27, 1952

Went to Omaha today.

Monday January 28, 1952

Lincoln Engineer Club 6:15 P.M.  
Moved out all tractors from test laboratory this forenoon. 4 hr. Cleaning up during P.M. Worked in office all afternoon. 4 hr.

Tuesday January 29, 1952

Veteran's class at 9:30. 30 members came for short visit. Henry and LFL worked until 4:00 P.M. getting ready to leave for No. Platte, Since Dan Kitchen couldn't to. Left Lincoln by 4:00 P.M. and arrived at No. Platte by 11:00 P.M. L.F.L. 14 hrs.

Wednesday January 30, 1952

Sent printed copies of reports to Representatives of Companies (12 each). Spent entire day at North Platte arranging for 4-H Tractor leaders Training meeting and setting up demonstrations for to-morrow. Visited all the Implement dealers in North Platte. 8 hr.

Thursday January 31, 1952

Finished Mailing list in A.M. J.I. Case called from Racine, Wisconsin about test.

Conducted a Tractor 4-H Leaders Training meeting in North Platte all day. 8 hr

Friday February 1, 1952

Conducted 4-H Leaders Training meeting in North Platte this forenoon. Meeting ended at 2:30 P.M. Spent balance of day cleaning up and loading truck for return home to-morrow. 8 hr.

Saturday February 2, 1952

Left North Platte at 9 A.M. and drove to Gothenberg. Stopped to see Bernard Osterloh, Allis-Chalmers, Minn-Moline and Massey-Harris Implement dealer there. Arrived in Lincoln by 5:00 P.M. 8 hr.

Sunday February 3, 1952

Spent two hours in office today completing records of trip and unloading truck.

Monday February 4, 1952

Tolmar Nelson of J.I. Case called today to inquire about test date. He has applications ready now. IHC. brought applications out to-day for four new tractor tests. Paid test fee of over \$4000.

Tuesday February 5, 1952

Cleaned up in fuel room this forenoon. Worked in office balance of day. Henry painted tractors all day.

Wednesday February 6, 1952

A.S.A.E. meeting at 7:30 P.M.

50 FFA Boys and Dads came in today to visit test Laboratory. Summary sheet came out again for recheck. Tremain, Gosper County Agent came out for Transcription today.

Thursday February 7, 1952

Worked in office all day. Henry worked on John Deere and started to clean up in wash room.

Mr. Black from Gallatin Gateway, Montana called to-day. Tom Long from Chicago stopped for short visit this evening.

Friday February 8, 1952

Worked in office all forenoon. Helped Bill Sprick get started on Clayton Dynamometer. Helped Kenneth get started on curves that he was plotting.

Saturday February 9, 1952

Worked in office part of forenoon. Spent all afternoon with Bruce Villars on his project. Henry worked all forenoon. Bill Sprick worked all forenoon on Clayton dynamometer. Kenneth worked all forenoon on plotting curves and designing hydraulic cylinder.

Sunday February 10, 1952

Spent all day with Harvey and Duane.



Monday February 11, 1952

Aaron Nelson of F.C.A. out of Omaha called today. Worked in office during part of forenoon. Made trip to City. Worked on Tachometer all afternoon. Worked in office until 11:00 P.M. tonight. Preparing trip to Schyler, Nebr. to-morrow.

Tuesday February 12, 1952

Met with Mike Arms class at 11:20 A.M. to-day. Norm Weyand called to-day for summary sheets. Left for Schyler at 4 P.M. and went on to Howells, Nebr. for Meeting at 8:P.M.

Wednesday February 13, 1952

Arrived home from Howells meeting this A.M. at 2:30. Group of visitors from Valley spent one hour at Tractor Test Laboratory. There were 25 boys. Ingram called this P.M. to see about fuel pump. Called Oliver Co. at Omaha in regard to exchange of tractors.

Thursday February 14, 1952

Salisbury has a sale scheduled for to-day beginning at noon. Group of visitors coming from Julian, Nebr. for a visit at Tractor Test Laboratory at 11:00 A.M. 22 men from Veterans class were present (1 hr.) Ingram came out this forenoon and took me out to see fuel pump. Decided to order the pump that he had for \$150.00

Friday February 15, 1952

Worked in office all day. N. B. Weyand called to see about 4-H Club work this A.M. Attended Staff meeting this A.M. at 11 O'clock. Painting in wash room to-day. Sending Petter Diesel reports out to-day.

Saturday February 16, 1952

Met with Prof. Smith this forenoon and also with Mr. Hurlbut regarding Farm Tractor Day. John Pourzan started working here to-day getting data for Prof. Smith's report. Worked in office all afternoon to-day. 8 hours.

Sunday February 17, 1952

Monday February 18, 1952

Getting truck ready for hauling Oliver tractors to Omaha. Loaded by noon. After lunch started for Omaha with tractors. Arrived in Omaha at 5:30 this evening and got truck located for the night. Returned to Lincoln by car to-night, arrived at home by 8:30. Spent 11 1/2 hours to-day.

Tuesday February 19, 1952

Left Lincoln by 6:00 A.M. by personal car and arrived in Omaha by 8:00 A.M. Unloaded tractors and loaded new ones by noon. Necessary to exchange tires and drawbar. Had lunch, called on J.I. Case, John Deere, Minneapolis-Honeywell, and Ferguson Equipment Co. and by 2:00 P.M. were ready to start for home. Arrived in Lincoln by 5:30. 11 1/2 hours to-day.

Wednesday February 20, 1952

Unloaded tractors from truck and returned the truck to farm. Drove it 120 miles to Omaha and back. Received application for testing John Deere 60 tractor. Moving old fuel pump out and getting ready to install new pump. Went to City Campus to see about movie film. Had two visitors here from Germany visiting test Laboratory.



Thursday February 21, 1952

Deane Hansen stopped in for a visit this A.M. Worked all forenoon sorting out files. Started to install fuel pump in fuel room. Made further plans for addition. Prepared material for Donaldson for dynamometer priority. Went to City to get parts for pump installation 8 hrs.

Friday February 11, 1952

Did the plumbing for fuel pump installation to-day. Spent 7 hours on this. Attended Board meeting (1 hr.) at 11:00 A.M. Two visitors from Germany spent 4 hours here this afternoon and evening. 12 hours for to-day.

Saturday February 23, 1952

Cleaning up in general to-day. Went to City to get films for Sunday night. Getting projector also. Called Noel Smith regarding opening into dynamometer room. Called Bud Yant regarding installation of fuel pump.

Sunday February 24, 1952

Monday February 25, 1952

Spent all day working in office.

Tuesday February 26, 1952

Over 100 alfalfa growers from Dawson County visited Test Laboratory this forenoon. About 11:00 A.M. about 35 farmers from York County visited Tractor Test Laboratory. Spent all forenoon with visitors. Worked on Mail and other desk work during afternoon.

Our Calf was born to-day.

Mr. Johnson of Minneapolis-Honeywell had conference with Mr. Yung, C. W. Smith and Myself to plan purchase of electronic temperature gauge.

Wednesday February 27, 1952

Meeting with E. A. Olson to plan radio program for the next 3 months.

Obtained hoist from Fred Berniklau for Ferguson tractor.

Mr. Gifford of Huber called to see about a test date.

30 Veterans from Fremont spent 2 hours visiting Test Lab. to-day.

4 hr. meeting. - office.

Thursday February 28, 1952

Worked in shop all day on Oliver change over.

Friday February 29, 1952

Worked in shop all forenoon with Henry. Ray Bowers of IHC spent all P.M. here. Took him to airport at 6:30 P.M.

Saturday March 1, 1952

Had meeting for planning Tractor Field day for 3 hours. Met with Dan Kitchen at 11:00 A.M. to discuss plans for Field Day.

Sunday March 2, 1952

Monday March 3, 1952

Moved test car in this A.M. and started getting it ready. Built hoist for Ferguson to-day. Helped Dairy Dept. get truck out of hole. (8 hrs)

Tuesday March 4, 1952

Veteran class from Humbolt at 10:00 A.M. Meeting with Dan Kitchen at 10:00 A.M. to plan Tractor Field Day. Made an errand downtown to Plating Co. Worked in office all afternoon. Checked Petter Diesel engine reports. (8 hrs)

Wednesday March 5, 1952

Meeting with Mr. Graham about Petter reports at 8:30 A.M. Worked in office all day on correspondence.

Prepared slides for John Deere Co. at Dubuque, Iowa and sent them off to-day after receiving telephone call from Dubuque, Iowa. (8 hrs)

Thursday March 6, 1952

Took car to city to get it repaired and serviced for trip to Kansas City. Worked on office balance of day and part of evening. Getting tachometer ready to take along to Kansas City for repair. (11 hours)

Friday March 7, 1952

Left for Kansas City at 7 A.M. to-day. Arrived in Kansas City by 1:30 P.M. Registered at Town House and contacted Standard Electric Time Clock Co. and started repair work on tachometer by evening. (10 hours)

Saturday March 8, 1952

ASAE meeting in Kansas City. Attended meeting all day to-day. Met Mr. Munsele at 5 P.M. and got repaired tachometer back again. Mr. Munsell took us around Kansas City, to dinner and back to hotel. (8 hrs.)

Sunday March 9, 1952

Left Kansas City by 7 A.M. and arrived in Lincoln by 1:30 P.M. (7 hr.)

Monday March 10, 1952

Went to City to get parts for test car. Worked in office balance of day. Getting test car ready. Wheel bearings are bad and in need of more repair. (8hr)

Tuesday March 11, 1952

Dinner with Prof. Smith's Cooperators in evening. Worked in office all forenoon. George Downes called this afternoon to plan meeting for Standard Oil men. Pulled truck out for Dairy Dept. Attended meeting from 6:30 to 9:30 this evening in connection with Smith's research project. (11 hrs.)

Wednesday March 12, 1952

Getting ready to calibrate springs. Took indicator off and set up dead weight tester. (8 hrs)

Thursday March 13, 1952

Henry and I worked on spring calibration all day. Purchased 2 new wheel hubs for test car from L. J. Messer and went down to get them. Staff meeting at 11:00 A.M. (2 hrs. downtown 6 hrs calibrating). (1 hr. meeting)

Friday March 14, 1952

Set up tentative program for Oil Company. Meeting with Prof. Luebs at 2:00 P.M. Met with George Downes and planned Tractor meeting for Oil men. Worked in office balance of time. ( 8 hrs.)

Saturday March 15, 1952

Worked in office and on spring calibration this forenoon. Went to Omaha during P.M. ( 8 hrs.)

Sunday March 16, 1952

Worked in office all forenoon on correspondence. Removed hydraulic cylinder dismantled entire unit and measured all parts. Worked in office all P.M. Questions about Tractor Test. Called Homer Dommel to-day about test date. ( 8 hrs.)

Monday March 17, 1952

Cleaning up this A.M. until 10 A.M. 35 Vets from Genoa came in for a visit until 12 noon. Started moving parts to new addition. Moved control panel from Dynamometer. Went to City for errand. ( 4 hrs visitors 4 hrs. moving).

Tuesday March 18, 1952

Went to farm to see about getting grader. Checking indicator for test car. 3 vet. instructors came in for visit from Schyler, Nebr. to-day. ( 8 hr.)

Wednesday March 19, 1952

John Sulek came to get 10 gal. gas - couldn't get fuel pump to work. Finally got it to function. N. B. Weyand came to borrow air cleaner and spent one hr. Calibrated springs all day after finding old indicator was faulty and exchanging for another. ( 8 hrs.)

Thursday March 20, 1952

Working in office all forenoon to-day on correspondence and plans. Henry building steps for front of test car. Calibrating springs in afternoon ( 8 hrs.)

Friday March 21, 1952

Cliff Hinkle and George Downes stopped in to plan Tractor meeting. Henry and I moved equipment to new part of Lab. balance of day. Had a group of 28 Voc. Ag. students visit Lab. during afternoon. Had call from Detroit Diesel at Detroit to-day about test. Carlton Zink called from Moline to-day. ( 8 hrs.)

Saturday March 22, 1952

Worked in Lab. all forenoon. Henry ran grader all forenoon clearing streets. Made over a disk for Horticulture this P.M. ( 8 hrs.)

Sunday March 23, 1952

Henry plowed snow all day to-day. Put in 8 hours.

Monday March 24, 1952

Lincoln Engineers Club. - 6:15 P.M. Dentist at 1 P.M.  
Broadcast at 10:00 A.M. for KUN on Tractor Test activities.  
Planning wiring of gasoline pump for permanent installation. Worked in office balance of day. ( 8 hrs.)

Tuesday March 25, 1952

Working in office all forenoon. Went to City in afternoon to see about tank. Called on I.H.C. and Ford Dealer also. ( 8 hrs.)

Monday April 7, 1952

Meeting at Valparaiso Community house Grange meeting. About 30 people attended this evening. This morning we went to Omaha to see Standard Oil Co., John Deere, Eddie Potter, Mr. Mead and Ferguson Distributor. Purchased a new Ferguson plow. Obtained a valve from Butane Co. at Omaha for Propane test. (14 hrs)

Tuesday April 8, 1952

Mr. Downes called today regarding Tractor meeting. Mr. Doore of Carl Anderson's called to see and visit Tractor Test. Returned projector and screen to Vis. Ed. Went out to get grader this noon. Went to Ress Machine Shop to get parts for hydraulic cylinder. Built hitch for harrow. ( 8 hrs.)

Wednesday April 9, 1952

Worked in office all forenoon to-day on correspondence. Helped get a truck pulled out. Vet. Ag. instructor from Seward called to make appointment for class. 4- 21 -52.  
Making up boxes for fuel samples to be sent to Kansas City. Spent balance of day in office. (8 hrs.)

Thursday April 10, 1952

Took tire off Ferguson and took down to Goodyear for repairing. Moved chairs to new addition and installed curtains for darkening room. ( 8 hrs.)

Friday April 11, 1952

Moved Ford tractor in for meeting. Arranged for M-M, Oliver and International. Planned meeting with N. B. Weyand and tried to get a Case tractor. Cleaning up Laboratory in general.

Saturday April 12, 1952

Moved M-M tractor and Oliver and International in to Test Lab. Worked all afternoon to complete this work. Spent evening working on desk planning meeting for Tuesday and Wednesday. Brought Ferguson tire back. (11 hrs.)

Sunday April 13, 1952

Spent Sunday evening assigning jobs to various ones. Put Ferguson tire back on. ( 4 hrs.)

Monday April 14, 1952

Getting ready for meeting all day. Dommel from Oliver called to-day by phone and said he would be here the 21st of April with the 77. Minard coming with him. George Downes was here nearly all day helping.  
Mrs. Haag returned after one weeks vacation. Came back in evening to make further arrangements.. ( 10 hrs.)

Tuesday April 15, 1952

Meeting for 25 Standard Oil representatives all day. Worked 3 hours extra to-night getting ready for to-morrow. ( 11 hrs.)

Wednesday April 16, 1952

Gamma Sigma Delta Banquet at 6:15 P.M.  
Continued meeting for 25 Standard Oil representatives. Went to Lone Oak for dinner with George Downes, Garnas, Mccoy and C. N. Hinkle. ( 10 hrs.)



Thursday April 17, 1952

Cleaning up all day after meeting. ( 8 hrs.)

Friday April 18, 1952

About 600 - 700 farmers visited test Lab. during the day. This was due to the annual Feeders Day. Went to Omaha this P.M. to get parts for Propane. Homer Dommel called to-day. ( 11 hours)

Saturday April 19, 1952

Assembling parts for propane test. Harry Cline called to-day to find out our needs and planning tanks etc. needed for test. ( 8 hrs.)

Sunday April 20, 1952

Monday April 21, 1952

Had meeting with Sulek, Kitchen, and Hurlbut about Tractor Field day. 3 hr. Oliver tractor arrived to-day. Homer Dommel and Assistant arrived this A.M. Getting tractor ready for test all day. Harry Cline from Anderson Hardware brought propane, tanks etc. and helped us get ready. ( 9 hrs.)

Tuesday April 22, 1952

Rained all day. Working in office and on Oliver as preliminary to starting test. Ray Bowers called to-day regarding test on Super M on propane. ( 8 hrs.)

Wednesday April 23, 1952

Homer Dommel and Minard decided best to leave for Charles City and come back after weather clears. Prepared Experiment Station report. Prepared changes in explanation of individual reports. Spent balance of day in office on correspondence. Had a group of visitors here from Hamilton County, Nebr. About 30 came. (8 hrs)

Thursday April 24, 1952

Spent part of forenoon with brother Clifford to-day. Worked in office all balance of day. (6 hrs.)

Friday April 25, 1952

Worked in laboratory checking hoses for propane set up to test Oliver tractor. Hoses failing and we checked our installation but failure continued. Had 5 visitors today regarding propane. ( 8 hrs.)

Saturday April 26, 1952

Worked on test course all forenoon. Cleaning up the test Laboratory. ( 4 hrs.)

Sunday April 27, 1952

Cliff, Bernhart and family called to-day for visit.

Monday April 28, 1952

Bruno from Brazil will be here to-day. He and his wife are staying at 3401 Holdrege St. Phone 6-5649. This is at the Schuelke residence. Made some checks on the Oliver tractor and immediately after changing oil, started official test. Called Clarence Hoesch at Carl Anderson's at Omaha. Will go to Omaha tomorrow A.M. early. ( 8 hrs.)



Tuesday April 29, 1952

Left Lincoln at 6 A.M. arriving at Omaha by 8 A.M. Made exchange for hose (propane) to-day. Visited Allis-Chalmers, John Deere and J.I. Case with Mr. Bruno. Left for Lincoln arriving here by 2 P.M.  
Moved old tractors out of the way. Finished limber up on Oliver to-day. (11 hr)

Wednesday April 30, 1952

Energy in action at Student Union at 4 P.M. and 8 P.M.  
18 visitors came here from Norfolk. Mr. Sellens Veterans class spent 4 hours here to-day. Started Oliver out on test to get fishhook this afternoon. ( 8 hrs.)

Thursday May 1, 1952

Worked on test course all forenoon. It is getting better. Checking fuel weighing system during afternoon. Found leaky valve. Went to town to get another and it also leaked. Went to town again and got a different type of valve which when installed seemed to be satisfactory. Decided not to run test to-night. ( 9 hrs.)

Friday May 2, 1952

Worked all forenoon attempting to get power from engine. Checked all lines, valves etc., but could find no difficulty. Finally discovered that gasket in regulator was faulty and propane was escaping in heat exchanger. Tried to get new gasket in Lincoln but no luck. Left for Omaha at 3:30 and returned by 6:30  
trip 3 hr. Lab. work 6 hr. ( 9 hrs.)

Saturday May 3, 1952

Installed new gasket this A.M. Tried tractor and everything seemed satisfactory. Shut down about 2 P.M. until 7 P.M. at night when we started belt test. Ran all night. 5 hrs. in A.M. 5 hrs. at night (10 hrs.)

Sunday May 4, 1952

Finished belt test by 6:00 A.M. on Oliver 77 LP-Gas. 6 hrs.

Monday May 5, 1952

Started to get test course ready for testing. Hauled 12 tanks of water but could do no actual testing to-day.  
Prepared tractor for test and had it weighed. Came over to check condition of test course after supper. 9 hrs.

Tuesday May 6, 1952

Worked on test course until we could start drawbar tests about 10:00 A.M.  
Ran 100% max. and all Operating Max. gears except low which we finished by 6 P.M.  
Got everything ready for 10 hr. test by 8 P.M. Went out to eat and started 10 hr. test by 9:30 P.M. Ran until 3:30 when rain came and stopped us. Total 18 hrs.

Wednesday May 7, 1952

Checked over our equipment waiting for test course to dry out. Discovered a fuel leak making it necessary to start all over.  
Mr. Welch and Mr. Loftin of Warren Petroleum arrived about noon to-day and spent balance of day here. We ordered a new supply of propane to-day and refilled our supply tank.  
Total 8 hrs.

Thursday May 8, 1952

John Sulek brought his farm motors class of 50 men for visit. Arms brought his class of 60 men over for a visit to-day.

Arrived at test Lab. by 4 A.M. and started getting ready for 10 hr. test. Started tractor by 5:00 A.M. and let it run until 6:10 when we officially started 10 hr. test. Finished without any difficulty at 4:10 after many threatening clouds passed over. Ran test G in 1st gear before shutting down at 6:30 P.M. Total 14 1/2 hrs.

Friday May 9, 1952

Spent 2 hours with six farmers from Spencer, Nebr. to-day.

Ran test J and K this forenoon after sprinkling test course at 5:00 A.M.

Afternoon we put tractor back on the belt and checked engine Hp which was short on Lb. on dynamometer beam. Then we started final inspection until 5:00 P.M. Total 12 hrs.

Saturday May 10, 1952

Finished final inspection and completed test report for Oliver 77 LP-Gas. 6 hrs.  
Oliver men left about 1:00 P.M. to-day. Henry and I arranged to get started planting corn

Sunday May 11, 1952

Henry and I planted corn all day to-day.

Monday May 12, 1952

Checking final results for test 470 and getting final report ready for typing.  
Gave Prof. Wieland a sample of oil from Oliver tractor 8 hrs.

Tuesday May 13, 1952

Worked on correspondence all forenoon. Called American Tractor Corp. regarding test. Tractor on way.

Had 32 Vet. instructors here during afternoon. Spent 2 hrs preparation and 2 hrs. demonstration 8 hrs.

Wednesday May 14, 1952

Cleaned up outside all forenoon. Moved all wheel weights to central place. Terratrac arrived after lunch. Unloaded this and helped truck driver get on his way. Sent Tachometer off for repair. Sent sample of fuel to Ethyl for testing. Mailed several letters this P.M. Zink called about a Brazilian coming Thursday night. 8 hrs.

Thursday May 15, 1952

Mr. Wagner and Mr. Duffy arrived this A.M. and we went over application and made a few changes. After lunch we went to Omaha to meet Burgess Hitt from Continental Engine Co. At midnight we met "Rocket" to meet Mr. Novocce from Brazil. 9 hrs.

Friday May 16, 1952

Rained last night and this A.M. Unable to go out on track. Spent day checking tractor on belt and getting ready for limber up test. Spent 1 hr with Mr. Novocce. Had 5 visitors here to-day. Total 10 hrs.

Saturday May 17, 1952

Worked attempting to get more Hp and fishhook. Spent all forenoon and all afternoon working for increase Hp. 8 hr.

Sunday May 18, 1952

Mr. and Mrs. Bruno went to church with us. Went along on 4-H Club tour and also evening meeting.

Monday May 19, 1952

Started limber up test A at 5:00 A.M. Officially got under way at 6:00 A.M. Finished at 6:00 P.M. and got tractor on belt and started belt run. Finished at 6:00 A.M. Tuesday. Worked 19 hours to-day on test.

Tuesday May 20, 1952

Finished belt run this A.M. at 6 O'clock. Went home and slept until 12:00 noon. At one O'clock we got ready for drawbar test and worked on this until 6:00 P.M. Had 27 visitors (Farm Credit) for visit to-day. Total 10 hours

Wednesday May 21, 1952

Rained last night - No test to-day. Went to Omaha with tractor men to see tractors being used in Omaha. 8 hrs.

Thursday May 22, 1952

Mr. Bruning showed a group of (25) through T.T. Lab. at 2 P.M. Henry and I went to Columbus to-day with Wagner for a visit with Soil Mover Behlen Bros and Kosch Manufacturing Co.

Friday May 23, 1952

Prepared for a group of (30) visitors here from Superior, Nebr. Spent all forenoon. In P.M. George Downes stopped for one hour. Spent balance of day with Sprick and his dynamometer. 8 hrs.

Saturday May 24, 1952

Began making drawbar tests on Terratrac to-day. Ran Max. and all gears, finished by 5 P.M. 8 hrs.

Sunday May 25, 1952

Monday May 26, 1952

Began getting ready for 10 hr. test by 4:00 A.M. Started test officially at 6 A.M. Started John Deere Model 60 at 9:00 A.M. on limber up test. Finished as per schedule at 5 P.M. 13 hrs.

Tuesday May 27, 1952

Began inspection on Terratrac this A.M. Finished limber up test on John Deere 60 by noon. Had (40) visitors here to-day. 4H Tractor Club from Schyler and Group from Syracuse. Total 13 hrs.

Wednesday May 28, 1952

Continued running belt test on John Deere 60 from mid-night on. Finished at 8 A.M. and immediately got ready for drawbar test. Ran drawbar checks all day but they all seemed too low. Checked on belt again. left at 6 P.M. 19 hrs.

Thursday May 29, 1952

Started drawbar max. tests at 4:00 A.M. to-day. Ran all day and finished up at 5 P.M. Total 13 hrs.

Friday May 30, 1952

Decoration day - Worked at home all day.

Saturday May 31, 1952

J. D. Started getting ready for 10 hr. test this A.M. at 4:30. Test started at 6:15, ended on schedule. Ran check on concrete and finished up by 6:30 P.M. 14 hrs.

Sunday June 1, 1952

Rested all day.

Monday June 2, 1952

Rechecked tractor on belt and started final inspection. Worked on calculations all day. Bowers called this A.M. about test for IHC tractors. 8 hrs.

Tuesday June 3, 1952

Completed report on John Deere 60 to-day and cleaned up in general, following final inspection.  
Bob Hall and Tucker left this P.M. for Waterloo. Checked springs on test car.  
Worked in office 2 hrs. Total 10 hrs.

Wednesday June 4, 1952

Worked on test reports all day and getting final reports ready to go. 8 hrs.

Thursday June 5, 1952

Working on test reports all forenoon. Mr. Tom Wilkinson of Ethyl called about 10:00 A.M. "Punch" Pfundstein called about 2:00 P.M. Prepared for Tractor Field Day committee meeting at 4 P.M. Mr. Smith, Arms, Kitchen, Sulek and myself met. 9 hrs.

Friday June 6, 1952

Two John Deere Dealers from Ceresco came today to see test on John Deere 60. Left by plane for Churubusco, Indiana at 5:30 A.M. Spent balance of day at American Tractor Corporation. 10 hrs.

Saturday June 7, 1952

Spent all forenoon at American Tractor Corporation. After lunch we drove to Chicago and left by train for Lincoln at 10:30 P.M.

Sunday June 8, 1952

Arrived home by 10:30 A.M. to-day from Chicago.

Monday June 9, 1952

Merle Peterson arrived to-day to start the Bolens Power - Ho on test. Began limber up test at 10:30 and ran until 8:30. Had dinner meeting with Tractor Field Day committee and made plans for final program. Worked 3 hrs at night. Total 11 hours.



Tuesday June 10, 1952

Continued limber up test on Bolens tractor and finished by noon. Belted tractor to dynamometer and made preliminary checks. By evening we decided to wait until early morning to start belt test.

25 4-H Club boys from Schyler visited here to-day. 3 men from John Deere at Kansas City stopped for visit. 8 hrs.

Wednesday June 11, 1952

Ran belt test and finished this by noon. We began at 3 A.M. this morning. Afternoon we ran drawbar test for 100% maximum. Had conference with C.W. Smith about method of handling test report for Bolens garden tractor. Planned to rerun Max. test tomorrow. 12 hrs.

Thursday June 12, 1952

Came to work at 4:30 this A.M. and started to run 100 % Max. test. Finished by 9:00 A.M. and then planned 10 hr. test. Could not get everything ready until 11:00 A.M. so decided to make this test tomorrow.

Six men from Dixon County visited laboratory to-day for one hour. 11 1/2 hrs.

Friday June 13, 1952

Started 10 hr. test on Bolens at 3:00 A.M. Test got under way at 4:00 A.M. with no difficulty. 13 hrs.

Saturday June 14, 1952

Rechecking Bolens tractor on belt and running 100% max. belt on Clinton engine. Working on reports also. 5 hrs.

Sunday June 15, 1952

Monday June 16, 1952

Worked on Bolens test report all day. Checked in Cockshutt 20 and got it all ready for limber up test. Visitor (farmer) 1 hr. reports 6 hr. New tractor 3 hr 10 hrs.

Tuesday June 17, 1952

Started limber up test at 5:00 A.M. on Cockshutt 20 tractor to-day.

35 Veteran instructors with McCreight visited laboratory to-day.

Went to Kansas City to-day for ASAE meeting . 14 hrs.

Wednesday June 18, 1952

Started belt test on Cockshutt 20 at 12:30 A.M., ran until 10:00 A.M. when we finished. Went home at 11:00 A.M. to sleep. Returned to Lab. for 1 1/2 hrs but got rained out. 12 hr.

Thursday June 19, 1952

Rained last night but started preparing tractor test course by 7 A.M. Ran all gears and 100% max. in 2nd and 3rd. by 6 P.M. Got ready for 10 hr. test tomorrow. 8 hrs.

Friday June 20, 1952

7 Turkish visitors came to visit here at 2:30 P.M. for 2 hrs.

Came to work at 3 A.M. Started to rain - Went to breakfast and more rain.

Cleared up by 5:30 A.M. and we started preparing test course. Started tractor at 7 A.M. and started test "H" at 8 A.M. Finished at 6 P.M. Ran test "K" before rain.



Saturday June 21, 1952

Worked on test reports and made final inspection so Company men could go home this evening.

Sunday June 22, 1952

Rested all day.

Monday June 23, 1952

Michigan State Student Indian coming to help Tractor Test. Mr. Gupto came to-day to spend week here. Test course too dry and unable to run any test. Worked on test report and had 5 farm visitors. Watered test course from 5 to 7:30 P.M.

Tuesday June 24, 1952

Started packing test course at 5:00 A.M. until 8:30. Started running test "J" on Cockshutt 20 and rerun test "K". Spent all afternoon working on test reports. 11 1/2 hr.

Wednesday June 25, 1952

Worked on correspondence 2 hours and reports 2 hours. International tractors arrived after lunch. Dick Coleman, Nickla and Eddy arrived about middle of afternoon. Unloaded tractors and got ready for limber up. Started at 6:00 P.M. and ran until 9:00 P.M. 12 hrs.

Thursday June 26, 1952

Rained last night. Ran F/L Super M on limber up run until afternoon on City streets. Afternoon we started on test course and finished test A. Had about 150 visitors coming off and on all day from Agronomy field day. Spent 2 hours on correspondence and 2 hours on reports. 4 hours on test preparation for test 475. Visitors 2 hrs. 10 hrs.

Friday June 27, 1952

Started belt test after midnight and finished about 3 P.M. Wagner arrived by plane. Spent 2 1/2 hrs. with him. Spent 3 hrs. with Gupta giving him pictures etc. before he left. 20 hrs.

Saturday June 28, 1952

Started at 4:30 A.M. and ran all Max. gears test. Changed wheel and tires for test "J" & "K". Finished these tests too. 12 1/2 hrs.

Sunday June 29, 1952

Cultivated corn at 4:00 A.M. until 4:00 P.M. Took M.Y.F. group to State Fish hatchery.

Monday June 30, 1952

Paul Glesman bringing 26 men to-day. Came at 4:00 A.M. to get wheels changed and test course ready for 10 hour test. Rained last night - not able to start test "H" until 8:00 A.M. 14 hrs.

Tuesday July 1, 1952

Began getting W-6 ready for belt test at 1:00 A.M. Started 100% at 5:00 A.M. Finished 100% at 7:00 A.M. Spent 2 hours getting test "C" ready and by 9:00 A.M. were running officially. Finished all belt testing by 2:30 P.M. Went out for lunch and then home to rest balance of day. 15 hrs.

Wednesday July 2, 1952

Started drawbar test at 4:00 A.M. by 2 hr. test course preparation and ran all gears this A.M. and making calculations for 10 hour test to start at 9:00 A.M.  
Finished 10 hour test at 7 P.M. Test Time 15 hours.

Thursday July 3, 1952

Started preparing test course at 4:00 A.M. and spent 2 hours doing this - checking tractor. Ran test "G" in first gear. 2 hours changing wheels, tires, weights, weighing wheel count, and then ran test "J" in 60 minutes. Spent 2 hrs. preparing for test "K" 60 minutes to make test. made computations. 12 hrs.

Friday July 4, 1952

Holiday

Saturday July 5, 1952

Holiday

Sunday July 6, 1952

Worked in office 6 hours on reports, letters, etc.

Monday July 7, 1952

Worked on reports and correspondence all day. Got McCormick MD ready for belt test and planned to start at mid-night. Made final inspection of F/L "M" today.  
10 hours.

Tuesday July 8, 1952

Began belt test of F/L MD at 12:30 A.M. Spent 1 1/2 hrs. preparation. Started engine at 2:00 A.M. Ran until 4:30 A.M. before taking any data. Finished by noon. Got tractor ready for test "J" & "K" and ran these by 6 P.M.

Preparation 6 hr. Testing 12 hrs. Total 18 hrs.

Wednesday July 9, 1952

Ran test "J" & "K" over again. Then ran all Max. gear tests and made calculation.  
Started sprinkling test course at 4:30 Total 12 hrs.

Thursday July 10, 1952

20 Veterans spent 2 hrs. here this A.M. At 4:30 A.M. we started rechecking 2, 3, and 4th gear Maximum. At 8:45 A.M. we started 10 hr. test. Total 14 hrs.

Friday July 11, 1952

Spent all day getting calculations caught up and finishing charts that needed to be run. Started inspection of F/L MD tractor today. Total 12 hrs.

Saturday July 12, 1952

Continued final inspection of F/L MD tractor. Completed final reports. Inspection 4 hrs. ( This would have been a good morning to run belt test on WD- 6 but Company men thought it wasn't cold enough - delay ).

Sunday July 13, 1952

Rested all day.

Monday July 14, 1952

Worked on reports for Railway Commission. Sorted pictures and cleaned up Laboratory. Met with Prof. Smith one hour about Tractor meeting. Staff meeting one hour. Delivered Cockshutt and John Deere report to Railway Commission this P.M. Ordered pictures from Photo Laboratory. Getting ready for belt test after midnight. Total 8 hrs.

Tuesday July 15, 1952

Started belt test on WD-6 at 12:10 A.M. Finished up at 9:30 A.M. Started preparing test course for drawbar work, but too wet. Drove on test course all day. Got 2 hr. nap at noon. Worked on computation and report for 2 hrs. Total 15 hrs.

Wednesday July 16, 1952

Started at 4:30 A.M. and ran all Max. gears before 8:00 A.M. Made necessary computations and started 10 hour test at 8:55 A.M. Finished at 8:00 P.M. after fuel drain and weighing. Total 15 1/2 hrs.

Thursday July 17, 1952

Changed tires and got ready for test "J". 2 hrs. Ran test "J" - 1 hr. Changed tires for test "K", 1 1/2 hrs. and ran test "K" 1/2 hr. Spent balance of day working in computation room. Total 8 hrs.

Friday July 18, 1952

Worked on computations all day. Finished reports on International tractors tractors and cleaned all work up. Helped getting ready for fuel contest.

Saturday July 19, 1952

Cleaning up in general before tractor field day.

Sunday July 20, 1952

Attended 4H Dairy Club meeting this afternoon.

Monday July 21, 1952

Mr. Weyand of J. I. Case Co. called this A.M. Merlin Hansen called in regard to release of John Deere 60 tractor report. Called on J.I. Case, John Deere, Allis-Chalmers, ~~Maxsage-Harris~~ Minn.-Moline, Ferguson and Ford dealers to see about tractors for field day. 8 hrs.

Tuesday July 22, 1952

Spent all day preparing for Tractor Field day. Made 3 trips to City at own expense to return drivers and get tractors. 12 hours in preparation for Field Day.

Wednesday July 23, 1952

Started at 6:00 A.M. for Tractor Short Course which lasted all day. 125 registered for this event. Time for Short Course meeting 10 hrs.

Thursday July 24, 1952

Started at 6:00 A.M. to get everything ready for Tractor Field Day. Over 3000 people attended this meeting today. Total 10 hrs.

Friday July 25, 1952

Crockett Bros. called from California to-day. Truck driver with Harris Tractor called from Sidney, Nebraska to-day.  
Cleaning up after 2 days of meeting. Returned all tractors to dealers etc.  
Moved all tractors to basement and other out of the way places.  
Time for meeting clean-up 10 hours.

Saturday July 26, 1952

Worked in office all forenoon. Tractor arrived in Lincoln to-day. Not bringing it out until Monday A.M. Getting weights attached and fluid in tires.

Sunday July 27, 1952

Took Mr. and Mrs. Nascimento on trip to Sioux City and back to-day. Visited Winnebago, Riverside Park, Council Bluffs and Omaha.

Monday July 28, 1952

Squire Crockett, Bob Taylor, Bob Thayer arrived this A. M. with 4 wheel drive tractor. Started limber up run today. Preliminary Preparation 8 hr.

Tuesday July 29, 1952

Finished up limber up test and installed wheel weights this P.M. 8 hrs.

Wednesday July 30, 1952

Ran preliminary drawbar tests for company men who knew nothing about tractor performance. Spent all day trying each gear, etc. Preliminary Prep. 8 hrs.

Thursday July 31, 1952

Started making drawbar tests at 5 A.M. Finished max. testing at 9 A.M. and by 11:00 A.M. started 10 hr. test. Finished at 9 P.M. Left for home at 9:30 P.M.  
Testing 16 1/2 hrs.

Friday August 1, 1952

Removed all added ballast this A.M. and by 2 P.M. were ready for test "J".  
Put water on test course and started making tests after weighing, wheel count etc.  
Finished by 5:30 P.M. Preparation 7hrs. Testing 2 hrs 9 hrs.

Saturday August 2, 1952

Changed tires, getting ready for test "K". 2 hours getting tires changed, 1 hr. weighing, wheel count and getting ready. 1 hr. to get test "K" made. 2 hours talking over results before they left. 6 hours.

Sunday August 3, 1952

Stayed at home all day resting.

Monday August 4, 1952

Worked in office all day on letters, reports etc. Carlton Zink called this A. M. about International Harvester tests. 8 hrs.

Tuesday August 5, 1952

Had call from Springfield, Mass. Mr. Perry of American Bosch wanted to check on Tractor Field Day. Mr. Bachelor of Bellville, Kansas called and wanted a tip over tractor for County Fair. Worked in office all day. Helped get John Deere "R" ready for Mike and his crew. Had 3 farmer visitors today. 8 hrs.



Wednesday August 6, 1952

Spent all day getting ready for Vocational Ag. Meeting here this afternoon. 150 Voc. Ag. Instructors came at 3 P.M. to see safety demonstration of proper, improper hitching and dangers when getting stuck. 8 hrs.

Thursday August 7, 1952

Took Harris Power Horse out to Dale Weese farm and tried it disk. Left at 5 A.M. Worked in office balance of day on reports, mail, etc. 11 hrs.

Friday August 8, 1952

Bob Thayer arrived this A.M. and we started getting material together on Power Horse and going over all data, and checking back on application. Received balance of application to-day. 8 hrs.

Saturday August 9, 1952

Completed inspection of Power Horse to-day and finished report. 4 hrs.

Sunday August 10, 1952

Stayed at home all day. Billy Bryan called to say "Hello". Ferguson family out for lunch. Celebrated my mother's Birthday.

Monday August 11, 1952

Henry returned to work to-day. Working on mail, reports and TD-24. Took Power Horse report to Annex to have it stenciled.

Tuesday August 12, 1952

Left to go with Prof. Smith visiting farm Cooperators. Gone all day. Visited 8 farmers. 8 hrs.

Wednesday August 13, 1952

Went along with Prof. Smith as he was getting oil and gas samples from cooperators. J. I. Case called regarding shipment of tractors to Nebr.

Thursday August 14, 1952

Went to Seward for Dairy calf 4-H Club Show. J. I. Case called stating that tractors were being shipped to-day.

Friday August 15, 1952

First Case tractor arrived this A.M. Mr. Schaeffer and two men arrived last night. Mr. Jackson arrived by train at 11:45 A.M. We checked the 1st tractor over and prepared for limber up run. by getting oil etc. Started limber up at 2:30 P.M.

Saturday August 16, 1952

Continuation of limber up run to-day. Ran all day finishing up by 7:30 P.M. Henry and I took turns. Test 10 1/2 hrs.

Sunday August 17, 1952

Worked 4 hrs in Lab. getting ready for belt test. Installed tach, fuel line and belt. Had everything ready to go. Preparation 4 hours.

Monday August 18, 1952

Started at 3 A.M. and ran steady until 5:30 P.M. finishing belt runs on Case LA gas tractor. Gene Whitson of John Deere stopped in this A.M. Don Weilage of John Deere at Waterloo stopped in for a visit to-day. 7 men from Thailand visited test lab to-day. Visitors - 3 hrs. Testing - 14 1/2 hrs. Preparing Test track 2 hrs. 19 1/2 hrs.



Tuesday August 19, 1952

Started preparing test course at 5 A.M. this morning until 8 P.M. Started tractor on warm up on drawbar. Started taking test data at 9:50 A.M. Finished test Max. gears at 12:00 noon. Spent afternoon calculating results and preparing for 10 hr. test to-morrow. 11 1/2 hrs.

Wednesday August 20, 1952

Prepared for 10 hr. test from 4 A.M. to 5 A.M. and ran until we were rained out at 11:30. Shortly after 1:00 P.M. test was resumed and completed. 11 hrs.

Thursday August 21, 1952

At 6:30 started preparing for Test "J" by raking off weight and H<sub>2</sub>O ballast making wheel count and weighing tractor. This took 3 hrs. Test "J" 1 hr. Preparing for Test "K" took 1 hour and testing 1 hr. Ran fish hook in P.M. on tractor fuel tractor which is preparation for belt test. 13 hrs.

Friday August 22, 1952

Started belt test at 10 P.M. last night and ran all night finishing at 10 A.M. Following belt test we ran drawbar tests completing this work by 2:30 P.M. when we shut down for balance of day. 16 1/2 hrs.

Saturday August 23, 1952

Worked on computations all forenoon. Walt. Behlen, Curry and another man from Omaha visited here for 3 hours to-day. 6 hrs.

Sunday August 24, 1952

I went to Plainview, Nebr. and returned to-day.

Monday August 25, 1952

Mr. Warnken from Chile arrived this A.M. Rained this A.M. Worked on computations all day preparing for 10 hr. test to-morrow. 10 hrs.

Tuesday August 26, 1952

Preparing test course for 10 hr. test. Started at 5 A.M. rolling until 8 A.M. then started 10 hr. test. 14 hrs.

Wednesday August 27, 1952

Prepared for test J & K this A.M. Ran test J & K. 9 hrs.

Thursday August 28, 1952

Spent day getting Propane installation ready, Getting tractor ready and making computations on past data. 8 hrs.

Friday August 29, 1952

Spent day on final inspection of Case LA gas and Case LA Tractor fuel. Inspection 8 hrs. Final report 3 hrs. Preparation 1 hr. 12 hrs.

Saturday August 30, 1952

Started Propane tractor for Fishhook test at 8:30 A.M. Ran until 12:30 P.M. 5 hrs.

Sunday August 31, 1952

Crockett came for Harris Power Horse this A.M. Spent 2 hrs getting this and visiting about test results.

Monday September 1, 1952

Started belt test on Case LA LPG at midnight and ran all morning until 1:00 P.M. Completed test even though it rained some during the early morning. Worked in Office on correspondence in P. M. 15 hrs.

Tuesday September 2, 1952

Went to Fair grounds at 7:30 A.M. to help with 4-H Tractor drivers contest. Returned at 1:30 P.M. Got LA Propane readied for drawbar test. Weighed, wheel weights checked, etc. Ed Paul arrived to test attachment for Case tractors. Sprinkled track this P.M. Ran 3 hrs for Ed Paul. 12 hrs.

Wednesday September 3, 1952

Started at 4 A.M. to ready test track for testing. It was too wet. Rolled test course until 2 P.M. Started taking test data and finished max. gear runs by 5 P.M. Got tractor ready for 10 hr. test until 6:30 P.M. 13 hrs.

Thursday September 4, 1952

Started warming up Case LA LPG at 2 A.M. to-day. Started 10 hr. test at 3:08 A.M. finished at 1:08 P.M. Prepared for test J & K. Took 1 1/2 hrs to make test J & K. 16 hrs.

Friday September 5, 1952

Attended Fair all day.

Saturday September 6, 1952

Made final inspection of Case LA LPG and also recheck on horsepower. Slightly more HP. Finished computations and prepared report. 10 hrs.

Sunday September 7, 1952

Worked at home all day.

Monday September 8, 1952

Left for Milwaukee this A.M. at 6 O'clock. Stopped at Ames at noon and arrived in Charles City by 5:30. Stayed over night in Charles City, Iowa.

Tuesday September 9, 1952

Visited Oliver plant this A.M. until 10 A.M. Left for Minneapolis. Stopped to see M-M Plant at 4 P.M. Left for Eau Claire and spent night there. 12 hrs.

Wednesday September 10, 1952

Left Eau Claire this morning and drove to Madison, Wisconsin where we visited Ag. Eng Dept. Then we drove on to Waukesha where we visited Engineering Products Company and visited with Mr. Turner about tractor to be tested. Arrived at Milwaukee about 5 P.M. 8 hrs.

Thursday September 11, 1952

Attended SAE meeting at Milwaukee to-day. Prof. Smith presented paper at Tractor section in P.M. Attended banquet in evening for all SAE members 8 hrs.

Friday September 12, 1952

Left Milwaukee this morning and drove to Racine. Visited Massey-Harris Co. there. Drove on to Kenosha and visited the Dynamatic Co. who make dynamometers. Drove on to Dubuque, Iowa. 8 hrs.

Saturday September 13, 1952

Visited the John Deere Dubuque Tractor Works until 10 A.M. when we left for home by way of Waverly, Iowa and on to Sioux City where we stayed over night 8 hrs.

Sunday September 14, 1952

Left for home about 9 A.M. Had lunch at Fremont and arrived home about 2 P.M.  
4 hrs.

Monday September 15, 1952

Worked in office all day except for staff meeting at 11:00 A.M. 8 hrs.

Tuesday September 16, 1952

Ran torque check on drawbar to-day on Case LA Propane. 8 hrs.

Wednesday September 17, 1952

Helped at home all day.

Thursday September 18, 1952

Getting ready for German Productivity team coming to-morrow. 8 hrs.

Friday September 19, 1952

Helped entertain a group of German Productivity team all day.  
Rodney McSherry called regarding test. 9 hrs.

Saturday September 20, 1952

Returned projectors and started limber up test on Economy tractor. 4 hrs.

Sunday September 21, 1952

Worked in office for 4 hrs. on correspondence etc. 4 hrs.

Monday September 22, 1952

Continued limber up run until evening finishing this test by 6 P.M. 10 hrs.

Tuesday September 23, 1952

Had conference with Prof. Smith regarding belt test. Arranged for pulleys and belts and got all test equipment ready. 8 hrs.

Wednesday September 24, 1952

Started belt test after preliminary running and ran until 2 P.M. Had some difficulty and decided to shut down until to-morrow. 8 hrs.

Thursday September 25, 1952

Started belt test at 4 A.M. and ran all forenoon until noon. After lunch we got tractor and load arranged for 10 hr. test to-morrow. 12 hrs.

Friday September 26, 1952

Started at 3:30 A.M. and got 10 hr. test under way by 4:35. Finished at 2:35 P.M.  
Ran test J & K after making all preparations for each. 15 hrs.

Saturday September 27, 1952

Made final inspection on Economy Special this A.M. and completed computations on test results. Mr. Turner of Engineering Products Co. left in P.M. 6 hrs.

Sunday September 28, 1952

Worked in office, sorting pictures, writing correspondence etc. 3 hrs.

Monday September 29, 1952

Worked in office all day.

8 hrs.

Tuesday September 30, 1952

Took head off of Case LA tractor LPG this forenoon. Worked on John Deere model "B".  
Went to Photo Lab. and had a picture taken of valve used in Case LA Propane tractor.  
Received pictures for Pete Burns to use. Had 12 visitors here from Thayer Co. 9 hrs.

Wednesday October 1, 1952

Prepared pictures for Pete Burns and sent away in mail to-day. Pfundstein came  
for meeting to-day. International Super M and W-6 on propane arrived to-day and  
we started limber up test. 8 hrs.

Thursday October 2, 1952

Continued limber up test on International Harvester tractors. Worked on sprinkling  
devices for test track. 8 hrs.

Friday October 3, 1952

Hauled more pipes for sprinkling test course this A.M. Sent 3 Case tractors out  
to-day. Spent 1 hr. with Mr. Kahn. Ran all night. 15 hrs.

Saturday October 4, 1952

Finished belt test at 7:30 A.M. after starting yesterday at 8 o'clock. We shut  
down for the balance of the day. 14 hrs.

Sunday October 5, 1952

Rested all day.

Monday October 6, 1952

Worked all forenoon getting test course ready and also getting tractor ready.  
During afternoon we ran all "F & G" max. gear tests. 10 hrs.

Tuesday October 7, 1952

Started at 6 A.M. to get ready for 10 hr. test which began at 7 A.M. Finished at  
5 P.M. Completed weighing of fuel tanks etc. by 6 P.M. 14 hrs.  
12 vet Trainers here to-day.

Wednesday October 8, 1952

Ran torque test on drawbar this A.M. Then sprinkled test course and prepared for  
test "J" which was run after lunch. Then test "K" was completed. Started belt  
test at 5 P.M. and ran all night. 15 hrs.

Thursday October 9, 1952

Completed belt test on Super W-6 by 4 A.M. this morning. Getting W-6 ready for  
max. gear tests. 10 hrs.

Friday October 10, 1952

Preparation for 10 hr. test began at 5:30 . Started official test at 7 A.M.,  
finished at 5 P.M. Final checking at conclusion. 12 1/2 hrs.

Saturday October 11, 1952

Shut down to-day for corn picking.

Sunday October 12, 1952



Monday October 13, 1952

23 Veteran Instructors came at 10:45 A.M.  
John Deere called to-day about test. Hurst called about news and pictures for Farm Implement News. Watered test course at 6 A.M. Getting ready to recheck low gear. Getting ready for test J and K Ran both tests in P.M. 10 hrs.

Tuesday October 14, 1952

Worked on computations all day. Inspected both tractors as final testing. 16 hrs.

Wednesday October 15, 1952

Started limber up test on John Deere 50 to-day. Finished International reports and got ready for belt test. 10 hrs.

Thursday October 16, 1952

Prepared for belt test at 1:30 A.M. By 3:30 we started official test and completed belt test by 2:30 A.M. Hooked on test car and ran test "F & G" in 3rd & 4th gear. 14 hrs.

Friday October 17, 1952

Ran the balance of drawbar tests and made computations for test "F & G" made yesterday. 10 hrs.

Saturday October 18, 1952

Ran test "J&K" to-day after preparing test track. Rechecked test "G" in 1st & 2nd gear. 8 hrs.

Sunday October 19, 1952

Put auxiliary fuel tank on tractor for 10 hour test and set up figures for 10 hr. test. Preparation 3 hrs.

Monday October 20, 1952

Ran 10 hr. test to-day. Began at 5:00 A.M. for preparation and at 7:15 started test. 12 1/2 hrs.

Tuesday October 21, 1952

Ran torque curve on drawbar of 50 during forenoon. Ran recheck of 4th gear max. and also rechecked on belt. 8 hrs.

Wednesday October 22, 1952

Made inspection of John Deere 50 to-day and ran recheck.  
George Downes called. Finishing report 6 hr., Inspection 3 hr., Visitor 1 hr. 10 hrs.

Thursday October 23, 1952

Ran check of losses on John Deere model 50 this A.M. Getting ready to check McCormick W-6 on belt. Working on reports. 8 hrs.

Friday October 24, 1952

Ran recheck on W-6 LPG to-day. Cleaning up Laboratory in general- Hauling junk out. Trim trees. Helped Smith get pictures for publicity. 8 hrs.

Saturday October 25, 1952

No work at laboratory at all to-day.

Sunday October 26, 1952



Monday October 27, 1952

4 men from Cookshutt arrived this A.M. No tractor came however and appears to be lost enroute. Spent day cleaning up and getting ready for test as soon as tractors arrive. 8 hrs.

Tuesday October 28, 1952

Still no tractors from Cookshutt. 2 men from Brazil arrived this A. M. and spent forenoon here. Watson Bros. of Omaha called about tractors. 8 hrs.

Wednesday October 29, 1952

Started limber up on Diesel early to-day and finished by 5 P.M. Started belt test on Diesel and finished by 4 A.M. Testing 24 hours.

Thursday October 30, 1952

Came back at 10 A.M. and got ready for drawbar test. Couldn't get performance expected. Decided to rerun to-morrow. 8 hrs.

Friday October 31, 1952

Started at 5 A.M. and ran Max. tests in all gears. Much better during cool morning. 12 hrs.

Saturday November 1, 1952

Began at 2 A.M. and ran belt test on Cookshutt 50. Finished by 2:30 P.M. 12 hrs.

Sunday November 2, 1952

Monday November 3, 1952

Began at 5 A.M. Ran drawbar test on Cookshutt 50 gasoline tractor to-day. Prepared for 10 hour test to-morrow. 12 hrs.

Tuesday November 4, 1952

Ran 10 hour test on Cookshutt 50 gas tractor to-day. Began at 5 A.M. 13 hrs.

Wednesday November 5, 1952

Ran test "H", 10 hr. on Cookshutt 50 Diesel. Started at 5 A.M. 13 hrs.

Thursday November 6, 1952

Ran test J for both tractors. Made 2 hr recheck of test H. 9 1/2 hrs.

Friday November 7, 1952

Final inspection for the two Cookshutt tractors. Completing final reports. McSherry called about Oliver men coming to Lincoln Monday A.M. 10 hrs.

Saturday November 8, 1952

Finished calculations on test report for Cookshutt tractors. Put all tractors back in shed and watered test course to soften up base for crawler tractor. 6 hrs.

Sunday November 9, 1952

Worked in office. Calculations. 3 hrs.

Monday November 10, 1952

Worked 2 hrs in office on correspondence. Meeting with C. W. Smith at 8:30 until 10:30 on Research projects.

Monday November 10, 1952 Contin-

Staff meeting from 11:00 until noon. Started OC-18 out on limber up test after lunch. Unloaded during A.M. 10 hrs.

Tuesday November 11, 1952

Ran all the rest of limber up test to-day. Finished by 6 P.M.  
McSherry arrived this evening. Worked in office for 3 hrs to-night. 12 hrs.

Wednesday November 12, 1952

Prepared for drawbar test this A.M. Getting hitch fixed, weighing, wheel count etc. during forenoon. Ran test "F & G" in 3rd & 4th gear this P.M. 9 hrs.

Thursday November 13, 1952

Graded off loose dirt and started to scarify hard surfact. tried to get test in 1st. gear. Company men not satisfied with hitch. Stopped to rebuild hitch. No more testing to-day. 8 hrs.

Friday November 14, 1952

After considerable preparation on test track we managed to get a few test runs in 1st. gear. Prepared for 10 hr. test to-morrow.

Saturday November 15, 1952

Arrived at 5 A.M. making computations for 10 hr. test, servicing tractor and getting ready to go by 7 A.M. We were warming up for test H at 8 A.M. We discovered a fuel line leak. Stopped. Unable to get new parts. Worked on computations all balance of day. 9 hrs.

Sunday November 16, 1952

Monday November 17, 1952

# HOW MY TIME WAS SPENT DURING 1952 TEST SEASON

By L.F. Larsen

	Hrs.	8 hr. Days
TIME SPENT DURING ACTUAL TESTING OF 20 TRACTORS	780	97
PRELIMINARY PREPARATION	417	52
Preparing test course (96 hrs), test equipment on tractor, weighing, changing wheel equipment, limber up etc.		
CALCULATIONS AND REPORTS	531	41
259 COMMERCIAL VISITORS FROM INDUSTRY LIKE THE FOLLOWING: George Downes, Weyand, Hinkle, I.H.C. Mgr., Elliott, Bowers, Welch, Loftin, Pfundstein etc.	112	14
5698 FARMERS IN FOLLOWING GROUPS: 14 vet classes, 5 Voc Ag. , 6 4-H clubs, 1 Grange, Alfalfa Dehydrators, Short Course Tractor Field Day, Feeders Day Etc.	238	29
61 FOREIGN VISITORS FROM THE FOLLOWING COUNTRIES: Thailand, India, Pakistan, Turkey, Germany, Sweden, Brazil, Argentina, Lebanon, Finland, Australia, New Zealand, Israel, China, Mexico, Africa, Italy, England, Portugal.	128	16
TEST EQUIPMENT Calibration of dynamometers, care of equipment, ordering and installing new additions, building maintenance etc.	250	31
TRACTOR FIELD DAY AND SHORT COURSE PREPARATION:	72	9
PROFESSIONAL MEETINGS ASAE, SAE, Staff meetings, Meetings with Industry.	112	14
4-H TRACTOR CLUB Leaders Training Meeting	88	11
CORRESPONDENCE	180	22
VACATION	72	9
		<hr/> 345

Thursday January 1, 1953

Worked on C. W. Smith tractor this forenoon. Began at 6:30 A.M. and worked until 2 P.M.

Farm Implement News called about test reports 8 hrs.

Friday January 2, 1953

Worked all Friday night on tractors and part of day on Friday. Worked until 6:30 Sat. A.M.

2 Finnish visitors were here all forenoon 4 hrs.

Saturday January 3, 1953

Finished test on tractor by 6:30. 6 1/2 hrs.

Sunday January 4, 1953

Monday January 5, 1953

Starting inventory for tractor test to-day. Continue testing tractors for C. W. Smith. Working in office all day.

2 County agents here to-day. 8 hrs.

Tuesday January 6, 1953

Testing tractors for C. W. S. Worked in office all day

Helped Mr. Briggs with inventory 8 hrs.

Wednesday January 7, 1953

Testing for C.W.S. Worked in office all day. Oliver called from Cleveland to-day regarding report.

Thursday January 8, 1953

Three farmers from Kansas came here to see T. T. 2 hrs. Putney and 5 visitors came to see new Oliver tractor (Nebr. Trac. Equip. Co.) 2 hrs. Mr. Buns of John Deere called to get temporary permit for John Deere 40 series of tractors. 2 hrs.

Helped Mr. Briggs on inventory. 7 hrs.

Friday January 9, 1953

15 letters have been written since Jan. 1, 1953 2 hrs.

11 letters to-day. Helped C.W.S. test to-day 4 hrs. Planning program for 4-H and Field day. 2 hrs. 8 hrs.

Saturday January 10, 1953

Went to City to get envelopes at Post Office that were short postage 2 hrs.

Worked in office balance of day. 2 hrs. Total 4 hrs.

Sunday January 11, 1953

Monday January 12, 1953

Ordered glass for desk. Conderence with Grad. Student (Kahoe) 2 hrs.

Geo. Downes, St'd Oil Co. 2 hrs. Dan Kitchen 4-H Club.

Planning reports for Tractor Test 3 hrs. One farmer visitor 1 hr. 8 hrs.

Tuesday January 13, 1953

2 letters written 1 hr. Work on slides for meeting 2 hrs. Program for 4-H club. 1 hr. Visitor discussing hitch 2 hrs. Trip to City to get gasket 2 hrs. 8 hrs.

Wednesday January 14, 1953

Check Oliver reports 1 hr. Checked with Mr. Thomas about schedule at Osceola 1 hr. Received proof of Summary Sheet and spent 5 hrs. checking this. Worked at night and returned the next day. 5 hrs. worked in office 1 hr. Total 8 hrs.

Thursday January 15, 1953

Returned Summary Sheet to Mr. Graham today. 1 hr. Prepared all tractor test reports for Railway Commission and delivered them. 2 hrs. Conferred with Prof. Smith. 1 hr. Half day vacation. 4 hrs. Total 8 hrs.

Friday January 16, 1953

Had conference with John Schrunk and Sulek about Irrigation meeting 4 hrs. Worked in office on correspondence. 4 hrs. Total 8 hrs.

Saturday January 17, 1953

Worked 4 hours in office on correspondence. 4 hrs.

Sunday January 18, 1953

Monday January 19, 1953

Had conference with Mumgaard, Steele, Schrunk and Hurlbut. 5 hrs., about Irrigation Meeting. Helped Kitchen on 4-H club meeting. 3 hrs. Total 8 hrs.

Tuesday January 20, 1953

Wire from Cockshutt to release tractors. Talked to Geo. Wormley of Farm Journal about paper for Farm Journal. 3 hrs. Conferred with Walt Phillips about Cockshutt. 1 hr. Worked on irrigation meeting this evening as Kitchen had to sub. for John Sulek. 4 hrs. Total 12 hrs.

Wednesday January 21, 1953

Called on Implement dealers this forenoon and afternoon to get tractors for 4-H club meeting. 8 hrs. Prepared for Pump irrigation meeting this evening as Kitchen had to sub. for John Sulek. 4 hrs. Total 12 hrs.

Thursday January 22, 1953

Attended and participated in irrigation(pump) meeting. 4 hrs. Had meeting with County Agent group this afternoon (preparation) 4 hrs. Total 8 hrs.

Friday January 23, 1953

Moved 4 tractors in for 4-H club meeting to-day. 6 hrs. Massey-Harris wired for test information. Took drawings to Photo Lab. for slides. 8 hrs.

Saturday January 24, 1953

New oil brought out from Standard Oil Co. Unloaded and getting ready for 4-H meeting. 4 hrs.

Sunday January 25, 1953

Monday January 26, 1953

Went out to bring in more tractors for 4-H meeting. Spent all day preparing for this. 8 hrs.



Tuesday January 27, 1953

Cleaning up and getting all ready for 4H Leaders Training meeting 10 hrs.

Wednesday January 28, 1953

Had 60 Livestock 4-H Leaders here for visit. 46 4-H Tractor Club Leaders,  
20 4-H Electrical Club Leaders. Had 4 farm visitors here from Hastings 2 hr.  
Getting ready for 4-H Meeting 2 hr. 4-H meeting all P. M. 8 hrs.

Thursday February 19, 1953

4-H meeting all day. 48 tractors Leaders, 20 Electric 4-H Leaders, 15 Co. men.  
Total 8 hrs.

Friday January 30, 1953

Returning tractors from meeting. Spent all day. 8 hrs.

Saturday January 31, 1953

Cleaning up following 4-H meeting 4 hrs.

Sunday February 1, 1953

Monday February 2, 1953

Tractor Test Board meeting at 8:15, lasted until 11:00 A.M. Went to City to  
get parts at Messers and Photo Lab. to get slides. 8 hrs.

Tuesday February 3, 1953

Prepared OC-18 for shipment to-day. Took Bill of Lading to freight depot.  
Preparing for 4-H meeting at North Platte. 12 hrs.

Wednesday February 4, 1953

Left for North Platte this A.M. for 4-H Club meeting. Arrived in North Platte  
by 5 P.M. Helped get everything all set for meeting to-morrow. 10 hrs.

Thursday February 5, 1953

North Platte 4-H Tractor Leaders Training meeting all day. 15 Leaders  
attended meeting. 8 hrs.

Friday February 6, 1953

North Platte 4-H Tractor Club meeting this forenoon. Had 10 men present this  
forenoon. Spent P.M. returning from North Platte to Lincoln. 8 hrs.

Saturday February 7, 1953

Spent morning at Tractor Test cleaning up for meeting next week. 4 hrs.

Monday February 9, 1953

Preparing for meetings to-morrow. Getting projector, screen, slides. Cleaning  
up building etc. in preparation for show. 8 hrs.

Tuesday February 10, 1953

150 alfalfa dehydrators came for visit to-day. Showed pictures and equipment.  
40 men from Minden and Schyler came for visit. Same show as 1st. group.  
Went to Osceola for meeting Farm and Home group.

Wednesday February 11, 1953

Met Mr. Desmond (Des) Bright from Australia and spent entire day with him discussing Tractor Test Law, management etc. Entertained him to-night and showed pictures until midnight. 12 hrs.

Thursday February 12, 1953

Visited with Mr. Cole regarding tractor hitch. Correspondence, getting ready for engine test. 8 hrs.

Friday February 13, 1953

Staff meeting at 11:00 A.M. Working on Correspondence all day. 8 hrs.

Saturday February 14, 1953

Worked on test car. 1 visitor (farmer) one hr. Errands for Tractor Test. 4 hrs.

Monday February 16, 1953

Met with Mr. Bruning's class this A.M.; discuss Tractor Test. Working on test car, correspondence. 2 farmers from Geneva called to discuss oil filters. Mr. Anderson of Co-op called. Oliver men came to discuss 4-H meeting and service shop. Vic. Anderson stopped to get fuel chart.

Tuesday February 17, 1953

Vic. Anderson stopped to discuss fuels for tractors. Kaho came to discuss Thesis problem. Bob Green called from Toledo. Farmers (7) from Mead called for visit at Lab. (3) Inspectors from Fire Dept. visited Lab. Correspondence. 8 hrs

Wednesday February 18, 1953

Worked in office on correspondence 6 hrs. Ken Von Bargaen called for visit 1 hr. (3) farmers called to-day. 1 hr. 8 hrs.

Thursday February 19, 1953

Worked in office on correspondence until 11: A.M. Went to West Stadium to see about typewriter, blinds, bank, Judah Distrib., Prof. Luebs and weather Bureau. 8 hrs.

Friday, February 20, 1953

Worked in office all day on correspondence, cleaning up files. 8 hrs.

Saturday, February 21, 1953

2 farm visitors to-day, from Michigan. Cleaned up shop in general to-day. Placed all screens and windows - excess - overhead. 6 hrs.

Monday, February 23, 1953

Correspondence 3 hrs. Trip to see film (Trac. Field day) 1 hr. 1 farmer called to discuss fuel consumption 1 hr. Getting ready for Petter engine test 3 hrs. 8 hrs.

Tuesday, February 24, 1953

2 men from Italy spent entire day at Tractor Test. Getting ready for engine test. 8 hrs.

Wednesday, February 25, 1953

Worked on Petter Diesel engine test all day. 20 farmers from Thayer Co. came for a visit to-day. 8 hrs.

Thursday, February 26, 1953

3 farmers stopped in today to see about test reports 1 hr.  
Pfundstein of Ethyl Corp. stopped to say "Hello" 1 hr. Working on  
engine set up for test 2 hrs. Running errands at city this P.M. 8 hrs.

Friday, February 27, 1953

Arranged to have tires exchanged from Oliver tractor. Took them to  
Quinn Hodgson after removal from the tractor 4 hrs.  
Visitor from Beatrice who represented Beatrice Motors. He wanted to  
have a dynamometer test on a Chrysler car. Arranged for him to go to  
Sidles Buick Garage 2 hrs. Cleaning up in general 2 hrs. 8 hrs.

Saturday, February 28, 1953

Getting ready for Petter test beginning next Monday. 4 hrs.  
Took Mr. Jackson, from New York to Basket Ball game to-night.

Monday, March 2, 1953

Went to hotel to meet Mr. Jackson and bring him to Lab. to start test  
on Petter Diesel.

Tuesday, March 3, 1953

Began at 6:00 A.M.  
Continued limber up test until noon. Attempted to run continuous  
test but fuel economy very bad. Took engine apart and reset timing-  
still no better than before. Went home at 6:30 P.M. 12 1/2 hrs.

Wednesday, March 4, 1953

Started work at 5:00 A.M. Retimed engine and checked head - reground  
valves and ready to run at 10:00 A.M. Made checks balance of day but  
results no good. Decided to quit at 5:30 P.M. 13 hrs.

Thursday, March 5, 1953

Getting projector, screen and slides ready for meeting at Pawnee City.  
Left Lincoln at 2:30 P.M. for Pawnee City, arrive there at 5 P.M.  
35 farmers attended meeting. Returned to Lincoln by 1:00 A.M. Friday  
Total time to-day 17 hrs.

Friday, March 6, 1953

Worked in office all day except for one hour meeting at 11:00 A.M. 8 hrs.

Saturday, March 7, 1953

Went to So. Dakota last night - returned Sun. A.M.

Monday, March 9, 1953

Thiemen from Thayer Co. visited here this A.M. 1 farmer here to-day  
Worked in office all day. Spent 3 1/2 hrs. on correspondence and  
preparation for meeting to-morrow. 11 1/2 hrs

Tuesday, March 10, 1953

Left for Schyler at 7 A.M. Attended meeting of Alfalfa Dehydrators  
Association there. Went on to Lexington in the evening.  
60 people attended meeting. 225 miles to-day. 10 hrs.

Wednesday, March 11, 1953

Participated in the meeting at Lexington with the Alfalfa Dehydrators.  
145 attended. Drove from Lexington to Lincoln 172 miles. 10 hrs.

Wednesday, June 10, 1953

Started drawbar test at 5 A.M. Tractor too light unit. Added more weight - tried again. needed still more. Spent all day getting proper weights on tractor. Sprinkle test course. 13 hrs.

Thursday, June 11, 1953

Started Max. drawbar test at 5:00 A.M. / - Ran all gears by 9:00 A.M.  
Started at 9:45 - Finished by 7:45 P.M. Getting ready for 10 hr. run. 14 hrs.

Friday, June 12, 1953

Ran test "J" and compiled all data for completing test. Started inspection of tractor during day. 12 hrs.

Saturday, June 13, 1953

Left for Colo. Springs with Becer and Mr. Viteau this morning early. Arrived at Colo. Springs by 6 P.M. Spent all day there and started home at 8 P.M. Sunday night. Arrived in Lincoln at 8:00 A.M. Monday.

Monday, June 15, 1953

Began limber up on J. I. Case SC gasoline tractor. Case men arrived last night. Ran test "A" all day. Assembled Someca and helped Mr. Viteau get off on plane to-night. 10 hrs.

Tuesday, June 16, 1953

Continued limber up test and got tractor all hooked up for belt test. Started belt test at midnight. 8 hrs.

Wednesday, June 17, 1953

Began belt test at 12:30 A.M. to-day. Ran until 2:30 when finished. Went home for rest. After supper watered test course. 16 hrs.

Thursday, June 18, 1953

2 farm visitors to-day.  
Started drawbar tests early (5:00 A.M.) and ran all max. gears by 2 p.m. Watered test course again to-night. 11 hrs.

Friday, June 19, 1953

Tolmar Nelson called about test on Case SC.  
Pete Burns called about temporary permit of 99. Brock of Oliver called about test data. Anderson of Dearborn Motors called about test reports.  
15 farm visitors.  
Started getting ready for 10 hr. test at 4:00 A.M. and after rechecking low gear we ran test H. Finished at 4 P.M. Ran test "J" & "K" after test H and finished this at 9 P.M. 17 hrs.

Saturday, June 20, 1953

One farm visitor this A.M.  
Worked in office all forenoon on correspondence and checking test reports. 4 hrs.

Monday, June 22, 1953

Started preliminary test on Case SC trac. Fuel tractor at 1:00 A.M. Started to take data at 5:30 A.M. Finished at 2:30 P.M. Went home to rest for balance of day. 13 hrs.

Tuesday, June 23, 1953



Thursday, March 12, 1953

Work ed on correspondence 3 hrs. Getting ready to calibrate springs  
Cleaning up the junk around test Lab. 8 hrs.

Friday, March 13, 1953

One hour staff meeting. 6 farmers visited Lab. to-day. 2 hrs.  
Cl eaning up in general and getting test equipment ready for  
calibrating. 8 hrs.

Saturday, March 14, 1953

Cleaning up in general. 1 farm visitor this A.M. Crisman-Ferguson  
service man called this A.M. 4 hrs.

Monday, March 16, 1953

One hour staff meeting, One hour Graduate student committee meeting  
Worked on correspondence 3 hrs. One hour farmer visitor. Took 1/2  
day off for visitor. 5 hrs.

Tuesday, March 17, 1953

Meeting with class. 30 students. Correspondence.  
Dynamometer arrived to-day. Spent all afternoon moving it inside  
and cleaning up the crates etc.

Wednesday, March 18, 1953

Met with Smith, Sulek, LWH in regard to graduate Kao.  
65 farmers, 4-H clubs, FFA visited Lab. in 4 different groups.  
Worked on test car calibration of springs. 8 hrs.

Thursday, March 19, 1953

Calibrating springs for test car all day.  
Mr. Johnson of Minn-Honeywell called to discuss temperature measure  
equipment.  
Prof. Smith called to discuss Dynamometer installation. 10 hrs.

Friday, March 20, 1953

Worked on correspondence. Errand to city. 4 farmers visited Lab.  
Cleaning up in general.  
Merlin Hansen called to-day about test date. 8 hrs.

Saturday, March 21, 1953

Mr. Aloe arrived this afternoon from Brazil. Spent one hour with him.  
Worked on test course all forenoon. Calibrated springs all afternoon.  
2 farmers called this forenoon about oil troubles. Called Harris Lab.  
and made appointment for them. 1 foreign visitor. 11 hrs.

Monday, March 23, 1953

Met Mr. Aloe at YMCA. Two young men from Sweden called for a short  
visit this noon. Glenn Elliott and another IHC man called this P. M.  
to get summary sheet. 1 hr. correspondence.  
Mayor Vic Anderson called to-day. Took Mr. Aloe to YMCA to-night.  
Worked in office 2 hrs. to-night. 9 hrs.

Tuesday, March 24, 1953

7 farmers visited Lab. from Dixon Co. Spent day with Mr. Aloe from  
**Brazil**. Showed Mr. Aloe our Tractor Test film to-night.  
Had him out for dinner this evening 11 hours.



Wednesday, March 25, 1953

9 farmers here this forenoon. Spent day with Mr. Aloe from San Paulo, Brazil who wanted to visit Implement dealers etc.  
Spent evening with Mr. Aloe. 10 hrs.

Thursday, May 21, 1953

Calibrated springs all forenoon to-day. Correspondence.  
10 men from Union College spent 2 hrs. here to-day. Worked on test track during afternoon 4 hrs. 8 hrs.

Friday, March 27, 1953

40 farmers from Exeter Feeders Association visited Lab.  
Left for St. Joseph at 10 A.M. to-day to attend ASAE meeting.  
Worked on test course nearly all day Friday. Henry did most all the work. 8 hrs.

Saturday, March 28, 1953

Attended Mid-Central Section meeting all day returning to Lincoln by 10:30 Sat. eve.  
1 visitor from J. I. Case Co. N.B. Weyand called to-day. 8 hrs.

Monday, March 30, 1953

Geo. Downes, Cliff Hinkle, Harrison and McCrain all stopped for visit this forenoon.  
2 farmers visited this P.M. 2 students visited Lab. this P.M.  
Started ex cavation for dynamometer 8 hrs.

Tuesday, March 31, 1953

Had conference with Dan Kitchen. Worked in office all day, correspondence etc.  
4 farm visitors here to-day. Henry continued work on dyn. base. 8 hrs.

Wednesday, April 1, 1953

Spent day at home working in yard. Henry continues working on dyn.  
2 farmers called. 2 men from Oil Texas Co. called.

Thursday, April 2, 1953

Planning dyn. installation. Getting pulley ready at Ress Mach. 2 trips to town, office work + correspondence and ordering parts.  
2 farmers called to-day to see testing. Worked on dynamometer 9 hrs.

Friday, April 3, 1953

Conference with C. W. Smith. 1 hr. Correspondence 1 hr. Work on forms for new dynamometer 6 hrs. Received new hydraulic cell. Received new barometer. 8 hrs.

Saturday, April 4, 1953

Worked all day on forms for dynamometer. Murray and Penton helped all day.  
Henry graded for campus upkeep 1 hr. at \$5.00 / hr. 4 hrs.

Monday, April 6, 1953

Went to Omaha with C. W. Smith to get parts for Massey-Harris  
Spent balance of day building forms for concrete base and ordering material. 8 hrs.

Tuesday, April 7, 1953

Worked all day on forms and aligning, bolts etc.

7 hrs.

Wednesday, April 8, 1953

Started work at 6 A.M. Poured concrete after installing reinforcing bars. Moved out tree, finished concrete etc, until 6 P.M.  
7 farmers called to-day.

12 hrs.

Thursday, April 9, 1953

50 FFA boys visited Lab. 2 men from So. Dakota GSCS .  
Moved dynamometer over to base and lowered it onto the bolts. Cleaned up in general for balance of day.  
Had annual steak dinner for Tractor Test people.

Friday, April 10, 1953

120 FFA boys were here to-day. 1 Co. man - N.B. Weyand called.  
Correspondence. Worked on new dyn. installation.

8 hrs.

Saturday, April 11, 1953

Worked on dynamometer after locating it in place, leveled etc.  
Ran errands at City.

5 hrs.

Monday, April 13, 1953

Leveling dynamometer and setting for permanent installation.  
7 farmers called to-day. Correspondence. Arranged for Motel for John Deere men.

9 hrs.

Tuesday, April 14, 1953

Cleaning up in preparation for John Deere tractor due to arrive to-day.  
Tractor arrived and we checked it in.

8 hrs.

Wednesday, April 15, 1953

Started limber up test at 6 A.M. - Ran all day and completed this by 7:30 P.M. Getting dyn, fuel weighing machine and other equipment ready for test. Hitched tractor to dyn. by 9:00 P.M. Started belt test and ran all night.

Thursday, April 16, 1953

Finished belt test by 7:30 A.M. to-day. Went home to rest until 1 P.M.  
Ran drawbar test in 3rd, 4th and 5th gears this afternoon. Spent considerable time getting test car ready for first run of the year.  
Shut down at 7 P.M.

14 hr.

Friday, April 17, 1953

Started working on computations by 6 A.M. Checked all results and started 10 hr. test by 11:00 A.M. ended by 9 P.M. Finished fuel weighing etc. by 10 P.M.

16 hrs.

Saturday, April 18, 1953

Started at 6 A.M. and ran tests on balance of gears and J and K to-day. Finished at 5 P.M.  
Sunday- Worked in office 3 hrs.

Sat. 10 hrs.

Sun. 3 hrs

Monday, April 20, 1953

Had 90 visitors. Started watering test cours at 6 A.M. Packed test course and started 10 hr. test by 10 A.M. Ran re-run on the official 10 hr. test.

Cont'd on next page

Had about 90 Mechanical engineers visit Lab. this P.M.  
L.F.L. was ill most all day and stayed home in bed.

3 hrs.

Tuesday, April 21, 1953

Rechecking John Deere 60 on belt to-day and getting test data compiled for report. Had final inspection to-day and completed all test work. Checked all data and got pencil copy finished.  
Received 3 test fees for Massey-Harris tractors to-day.

8 hrs.

Wednesday, April 22, 1953

Made final draft of test report and started it on its way by getting mimeographed copies made and getting final reports signed.

8 hrs.

Thursday, April 23, 1953

Getting ready to excavate and prepare for concrete pouring to-morrow. Ordering wire for dynamometer so this can be completed.  
John Deere men started for Waterloo about 9 A.M. to-day.

Friday, April 24, 1953

Went to photo Lab. to get display started.  
Poured concrete and finished it during the balance of day. Rained all during the concrete work - much difficulty. Came back after supper to finish surface more.  
Received two test reports on Oliver Crawler tractors.

10 hrs.

Saturday, April 25, 1953

Working in office on correspondence and cleaning up following concrete work yesterday.

4 hrs.

Monday, April 27, 1953

Staff conference 1 hr. 2 IHC tractors arrived this A.M.  
Dick Coleman, Voss and Eby arrived after lunch to-day. Started limber up test after lunch. Cleaned up and prepared for test.  
Worked on correspondence at night.

10 hrs.

Tuesday, April 28, 1953

Continued limber up test to-day. Getting total of 9 hrs. on W-4.  
Went to photo Lab. to get FEI Display on its way.  
Hunt from Dearborn Motors called to-day about test date. Placed order for chart paper.  
10 visitors here to-day.

8 hrs.

Wednesday, April 29, 1953

Worked all day on hitch for test car, dynamometer wiring etc.  
Went to city to see about display for FEI.  
Had a group of visitors from Thayer County to-day. County Agent, Vic. McClure and 7 others.

9 hrs.

Thursday, April 30, 1953

13 visitors from Milligan came in for a visit. Worked on wiring of dynamometer all day. Meeting with Mr. Hurlbut this P.M. about FEI.

9 hrs.

Friday, May 1, 1953

Went to Photo Lab. to see about display for FEI.  
12 visitors called at Lab. to-day. Worked on hitch and dynamometer balance of day.

8 hrs.

Saturday, May 2, 1953

11 Visitors from Gretna called for short visit. 7 visitors stopped as a group.

Worked on dynamometer, hitch and got IH W-4 ready for belt run.

Met Mr. Secar of Turkey Sunday P.M. Showed him Lab. etc. 10 hrs.

Monday, May 4, 1953

Arrived at test Lab. 2:30 A.M. this morning and started warm up at 2:45 - Ran entire belt test and finished up by 2:30 P.M. Finished computations and left for home by 4:30 P. M.

Goodyear sent a new belt for use at T. T. Lab. 14 hrs.

Tuesday, May 5, 1953

Made trip to city to see about display for FEI meeting.

Started test on W-4 on drawbar - making preliminary checks - limber up the Farmall Super H. 8 hrs.

Wednesday, May 6, 1953

Preparing for FEI meeting all forenoon. Getting display, slides etc. Attended FEI meeting all afternoon and evening.

75 visitors from FEI meeting visited Tractor Testing to-day. 12 hrs.

Thursday, May 7, 1953

25 visitors to-day.

Ran all Max. drawbar tests on Super W-4 this A.M. Began at 5:00 A.M. completing all tests by noon. Worked on computations until 2:30 P.M.

when we all went home. 9 1/2 hrs.

Friday, May 8, 1953

Started belt run on Super H at 11:30 last night - finished at 10:30 this morning.

Went home for rest returning to office in P.M. to make final arrangements for 10 hr. test to-morrow.

Saturday, May 9, 1953

Began readying for 10 hr. test at 4:00 A.M. On test course by 4:30.

Started official test at 5:15. Completed test. 12 1/2 hrs.

Monday, May 11, 1953

Began max. drawbar tests 6:00 A.M. to-day. Sprinkled test course.

Ran test J on W-4 also.

Test course preparation testing 11 hrs.

Tuesday, May 12, 1953

Began at 5:45 A.M. Reran test F on Farmall H. Started 10 hr. test at 7:49 A.M. Finished after 6 P.M. Testing 12 hrs.

Wednesday, May 13, 1953

6 visitors to-day.

Ran test K on W-4 and J & K on Super H. Final inspection of W-4 11 hrs.

Thursday, May 14, 1953

5 farmers visited to-day.

5:00 A. M. checked hp of Farmall Super H on belt. Hp up good. Working on final reports of IHC tractors.

General Electric service man was here all P.M. checking new dynamometer installation. 12 hrs.



Friday, May 15, 1953

2 farm visitors.

5:00 A.M. Started John Deere 70 limber up test. Working on final report. Getting new dynamometer ready. Started belt test at 9 P.M. and ran all night. 15 hrs.

Saturday, May 16, 1953

3 farm visitors.

Running belt test that started last night from mid-night until 8 A.M. Started drawbar test at 9:00 A.M. and run all gears and finished by 3:00 P.M. 15 hrs.

Monday, May 18, 1953

Rained last night - started packing test course at 6:00 A.M. Packed all forenoon. Staff meeting at 11:00. Started 10 Hr. test at 3:10 P.M. Finished at 1:10. Went home by 2:00 P.M. 20 1/2 hrs.

Tuesday, May 19, 1953

Mr. Edmondson and Mr. Bray, from England are arriving to-day. Ran test J and K to-day. Also ran torque test and recheck on operating max. and 100% test. 9 hrs.

Wednesday, May 20, 1953

Met Mr. Edmondson and Mr. Bray at Cornhusker hotel this A.M. and spent entire day with them. Visited O'Shea Rogers, College, Tractor Test, and spent evening with John Deere men and English men. 11 hrs.

Thursday, May 21, 1953

Ford tractor arrived this A.M. Went to city on several errands. Meeting Tractor Field Day. Writing up report. 8 hrs.

Friday, May 22, 1953

Staff meeting, Tractor Field Day meeting. Getting Ford tractor ready for limber up test. 8 hrs.

Saturday, May 23, 1953

Ran limber up test all day. Spent 2 hrs in Lab. on Sunday. 10 hrs.

Monday, May 25, 1953

120 4-H boys visitors.

Bad weather - low barometer and hot. Decided to wait until evening.

Met with Eddie Potter this A.M. to discuss Tractor Field Day.

Started belt run at 8:00 P.M. and ran till midnight. 12 hrs.

Tuesday, May 26, 1953

Continued belt run all night( from midnight until 2:30 P.M.) when we went home to rest for balance of day. 14 1/2 hrs.

Wednesday, May 27, 1953

Rained last night. Unable to do any test work at all to-day.

Worked in office all day. 8 hrs.

Thursday, May 28, 1953

Started packing test course at 5:00 A.M. Continued on this until 10:00 A.M. Started test on gears for Ford tractor and finished by

4 P.M. Took weights off and ran test J. Ready for 10 hr. run to-morrow. Went home at 7:30 P.M. 14 hrs.



Friday, May 29, 1953

Began 10 hr. test at 3:00 A.M. to-day. Ran until 1:00 P.M. Engine lost speed, lbs. pull and temperature dropped in radiator. Lbs. pull got so low that our test was ruined. Stopped and attempted to find the difficulty. Checked distributor, carburetor etc. Thought it was distributor. Planned to start again to-morrow. 16 hrs.

Saturday, May 30, 1953

Started rerun of Test H at 5 A.M. to-day. Test was all set and going by 1:16 A.M. until 3:30 when the same symptoms occurred as yesterday. Some one suggested releasing fuel tank cap. After this was done engine recovered and finished test on schedule. 12 hrs.

Monday, June 1, 1953

Reran torque curve on Ford tractor and also ran torque run on drawbar. Opened engine up for inspection during P.M. Went to Italian Village for dinner to-night. Started Intercontinental on limber up to-day. French tractor arrived to-day. 8 hrs.

Tuesday, June 2, 1953

Finished checking Ford tractor to-day. Completed Ford report in full detail. 6 visitors from Illinois were here to-day. 11 visitors from Inter-national were here for visit. 8 hrs.

Wednesday, June 3, 1953

Correspondence 4 hrs. Started at 6 A.M. to-day. Finished limber up on Intercontinental and got it ready for belt test. Installed heat indicator, put on more weights and tachometer. Ready to start to-morrow. 8 hrs.

Thursday, June 4, 1953

Went to Omaha to check with Buda Co. to-day and made change on governor. Tried engine again but not good results. Engine overheated and fuel consumption very high.

Friday, June 5, 1953

Started at 5 A.M. to-day. Rechecking Intercontinental tractor. Ran until 8:30 A.M. Shut down. engine boiled even though air temperature was only 68°. Mr. Viteau arrived from Paris this A.M. Started to uncrate and assemble the Someca. 11 hrs.

Saturday, June 6, 1953

Worked on Intercontinental and Someca. Tried Someca out on belt test briefly. Man from Buda worked on Texas tractor but could do no better. 10 hrs.

Monday, June 8, 1953

Ran limber up test on Someca all day. Started early and ran until 11:00 P.M. Men from Intercontinental decided to withdraw tractor from test to-day. SAE meeting paper 3 hrs. 17 hrs.

Tuesday, June 9, 1953

Got ready for belt test at 5:00 A.M. Started engine at 6:00 A.M. Finished belt test by 2 P.M. Shut down for balance of day. Put water on test course this evening 11 hrs.

Tuesday, June 23, 1953

Prepared test course at 4:00 A.M. and started taking drawbar data at 6 A.M. Completed all drawbar testing by 10 A.M. Spent balance of day calculating and preparing reports. 14 hrs.

Wednesday, June 24, 1953

Started getting set for 10 hr. test at 5:00 A.M. Started test officially at 6:15. Finished at 4:15 P.M. Left for home by 5:30. 12 1/2 hrs.

Thursday, June 25, 1953

Laird of General Electric called about Dyn. to-day.  
Rained last night. Prepared test course and ran test "J" & "K" to-day.  
Rechecked tractor on belt this evening. Shutting down at 5 P.M. 13 hrs.

Friday, June 26, 1953

4 visitors from Iowa to-day.  
Final inspection of Case SC on T. Fuel to-day. Completion of calculation and test report. 9 hrs.

Saturday, June 27, 1953

Working on correspondence and test reports all forenoon.  
One visitor called regarding tractor test (Voc. Ag. man.) 5 hrs.

Monday, June 29, 1953

Mr. Burnhan of A-C came in for a call about oil to-day.  
Cleaned up all forenoon. 19 visitors (4-H) spent 2 hours here to-day.  
TePaske called to-day regarding test of Fordson Major. Cannot get the tractors here until 8 - 15 - 53. 9 hrs.

Tuesday, June 30, 1953

Mr. Shoberg of Oliver called about tractors for Field Day.  
Eddie Potter of Omaha called about Field Day. Dan Kitchen discussed Field Day Program. Worked on Correspondence and cleaning. 8 hrs.

Wednesday, July 1, 1953

Put weight on Case tractors and put them in basement.  
Mr. Cheney of IHC. called to see about plow demonstration.  
Prof. Smith called to discuss tractor field day.  
Worked on test car balance of day. 8 hrs.

Thursday, July 2, 1953

Getting test car in and fixing oil leak in draft unit. 8 hrs.

Friday, July 3, 1953

Calibrated springs all day. Five farm visitors 8 hrs.

Saturday, July 4, 1953

Holiday.

Monday, July 6, 1953

Starting to excavate and get ready to pour concrete. Man from Iran came this A.M. Spent all afternoon at T. T. Lab.  
Had conference with Tractor Field Day committee all forenoon. 8 hrs.

Tuesday, July 7, 1953

Continued excavating for concrete pouring. Went to town - Photo Lab.  
Called on Chas. Warner about FEI meeting. 8 hrs.

Wednesday, July 8, 1953

Getting everything in readiness for concrete pouring to-morrow.  
Ordered reinforcing, expansion joint material and concrete for  
9 A. M. to-morrow. Mowed test course to-day. 8 hrs.

Thursday, July 9, 1953

Started at 5:30 getting ready to show belt test and drawbar test to  
Wendorff's class from 6 - 8 A.M. 9 men were present for this.  
Poured concrete in the shed this forenoon - finished this P.M. 10 hrs.

Friday, July 10, 1953

Four visitors from Texas A & M this forenoon. Cleaning up the place  
in general and working on tractors for the Field Day. 8 hrs.

Saturday, July 11, 1953

Cleaning up for Tractor Field Day. 8 hrs.

Monday, July 13, 1953

Worked on Tractor Field Day all day- tip over tractor 10 hrs.

Tuesday, July 14, 1953

Worked on tip over tractor all day. 10 hrs.

Wednesday, July 15, 1953

Worked on tip over tractor all day. Tractor Field Day. 10 hrs.

Thursday, July 16, 1953

One visitor from Turkey. Met with Mr. Bari from Turkey for 2 hrs.  
Worked on tip over tractor all day. 10 hrs.

Friday, July 17, 1953

Fifteen men from IHC here this P.M.  
Worked on tip over tractor - cleaning up etc. 10 hrs.

Saturday, July 18, 1953

Cleaning up all day and preparing for Tractor Field Day. 10 hrs.

Monday, July 20, 1953

Working on Tractor Field Day preparation. Coleman and Wallace came  
out to-day.  
Mr. Shields came here also - worked from 6 A.M. to 6 P.M. 12 hrs.

Tuesday, July 21, 1953

Working from 5:30 A.M. to 6 P.M. on Tractor Field Day preparation 13 hrs.

Wednesday, July 22, 1953

Spent day Tractor Test Short Course. 100 Dealers and commercial men  
attended. 13 hrs.

Thursday, July 23, 1953

Tractor Field Day. About 3000 farmers attended this meeting. 14 hrs.

Friday, July 24, 1953

Went to Omaha for B's funeral.

Started belt test on Intercontinental at 8 P.M. ran all night. 4 hrs.

Saturday, July 25, 1953

Finished belt test on Intercontinental by 5 A.M. Spent balance of day on preparation for drawbar test. Mid-night to 5 P.M. 17 hrs.

Monday, July 27, 1953

Worked in office all P.M.

4 hrs.

Tuesday, July 28, 1953

Ran test H on Intercontinental tractor to-day. Started at 5 A.M. - finished at 6 P.M. 13 hrs.

Wednesday, July 29, 1953

Ran test "J" & "K" on Intercontinental tractor during forenoon. In P.M. started final inspection. Started at 5 A.M. 12 hrs.

Thursday, July 30, 1953

Seventeen farmers called to-day.

Finished inspection of Intercontinental tractor this A.M. Took Mr. Henderson to Omaha to catch plane for Kansas City. Spent balance of day conferring with Mr. Hurlbut regarding paper for SAE. 9 hrs.

Friday, July 31, 1953

Worked in office all day. - checking reports and answering letters. Working on fans in shop, letting water out of tires in Oliver tractors and checking dyn. Prepared Allis-Chalmers for all belt and drawbar tests. 8 hrs.

Saturday, August 1, 1953

Dealers from Fremont called. Worked in office on correspondence all forenoon. Worked on SAE paper all P.M.

Sunday - worked on SAE paper 4 hrs.

12 hrs.

Monday, August 3, 1953

Three farmers called.

Merlin Hansen called this A.M. about tests. Worked on new dynamometer. Kepaka called from Detroit regarding test on Fordson Major. 8 hrs.

Tuesday, August 4, 1953

Working on SAE paper.

Waiting for colder weather to come for belt test.

Wednesday August 5, 1953

Still waiting. Decided to start belt test to-night.- Started at 8 p.m. and finished by 9 A.M. Getting ready for drawbar test.

2 farmers called to-day.

16 hrs.

Thursday August 6, 1953



Thursday August 6, 1953

Started running max. gears at 11 A.M. Rained last night so couldn't start early. Finished all gears by 3 P.M. Prepared for test "H".  
One visitor from Philliphines. 12 hrs.

Friday August 7, 1953

Rained last night. 1" of rain. Planned to start at 5 A.M. Started at 1 P.M. , ran until midnight on test "H", 10 hr. test. 16 hours.

Saturday August 8, 1953

Started at 5 A.M. - Prepared tractor for test J & K. By 7:30 had started test J. Finished test K by 11: A.M. Took A-C men to farm and spent most of P.M. showing them about Lincoln. 12 hrs.

Monday August 10, 1953

One farmer called to-day. Man from O'shea-Rogers called about pullmeter and about fuel chart. Finished up test report on Allis-Chalmers WD-45 to-day.

Tuesday August 11, 1953

Met Mr. Shields of U. S. Rubber Co. and arranged for demonstration this afternoon. Spent all day preparing for this. 9 hrs.  
150 Voc. Agr. Instructors attended meeting here.

Wednesday August 12, 1953

Man from IHC called for application forms. Mr. Rody of Massey-Harris called for information about test report.  
Henry taking sick leave to-day. 8 hrs.

Thursday August 13, 1953

Working on report all day. 8 hrs.

Friday August 14, 1953

Spent day working on SAE paper. Went to Seward in A.M. 4 hrs.

Saturday August 15, 1953

Spent all day with men from Ford - getting tractors ready. 8 hrs  
Spent 3 hrs in office Sunday. 3  
11 hrs.

Monday August 17, 1953

Started limber up on Fordson Major this A.M. after 2 hr. check on dynamometer.  
Birenda Bahattacharjee from India coming to-day. 8 hrs.

Tuesday August 18, 1953

Prepared for belt test to-nite after completing limber up. Ran all night. 16 hrs.

Wednesday August 19, 1953

Finished belt test on gas job. and went home to sleep at 8 A.M. Returned at noon and got diesel ready for belt test. Started it at 4 P.M. and finished at mid-night. 19 hrs.

Thursday August 20, 1953

Thursday August 20, 1953

Ran max. gears on Fordson Major. Started rolling test course at 5 A.M.- went home at 6 P.M.  
Had seventeen 4-H club visitors and families here from Saunders Co. 11 hrs.

Friday August 21, 1953

Ran 10 hr. test to-day. Started at 4 A.M. Ran test G in 1st and 2nd. gear. Started 10 hr. test by 9:30 A.M. Went home at 8:30 P.M. 16 1/2 hrs.

Saturday August 22, 1953

Stayed home all day Sat. Spent 3 hrs sprinkling test track on Sun. eve. 3 hrs.

Monday August 24, 1953

Sprinkled test course at 6 A.M. Ran test G in low gear and J & K on Fordson Major Gasoline. Went home at 6 P.M. 12 hrs.

Tuesday August 25, 1953

Prepared test course from 5 A.M. to 8 A.M. Ran all max gears except low to-day. getting ready for 10 hr. test tomorrow. 12 hrs.

Wednesday August 26, 1953

Started preparation for 10 hr. test at 4 A.M. Started test at 5 A.M. Finished at 3 P.M. Took pictures of tractor and finished up at 5 P.M. 12 hrs.

Thursday August 27, 1953

Ran low gear on test 500. Company men did not like results. We shut down and let them prepare test course as they wanted to. Started limber up run on Jeep to-day. 10 hrs.

Friday August 28, 1953

Running Jeep on test cours all day . Completed Test "A". Ran test F & G in low gear on Fordson Major after company men had prepared test course last night. Also ran test J & K to-day. Results for low gear no better than before. 9 hrs.

Saturday August 29, 1953

Worked on final test report on the Fordson Major Diesel. Had several interruptions and didn't finish until 4 P.M. 23 people visited test lab. from Cook, Nebr. 4-H Tractor Club. 9 hrs.

Monday August 31, 1953

Sprinkled test cours early this A.M. Finished up test reports on Fordson Major tractors. Finished assembly of Diesel tractor. Got Jeep all hitched up and ready to go. Sprinkled test course again in evening. 12 hrs.

Tuesday September 1, 1953

Began belt test at 12:00 midnight. Finished by 9 A.M. Started drawbar tests immediately and ran two gears before evening after getting ready. Belt test 9 hrs. D. B. tests 7 hrs. 16 hrs.

Wednesday September 2, 1953

Ran 10 hr. test on Jeep to-day. Began at 5 A.M. for preparation.  
Finished up at 5 P.M. 12 hrs.

Thursday September 3, 1953

Rained last night so we were unable to start any tests to-day.  
Spent most of day at Fair. 8 hrs.

Friday September 4, 1953

Ran test "J" and two max. gears for Jeep. Started tear down and inspection. Worked on computations all day. 8 hrs.

Saturday September 5, 1953

Worked on computations to complete test on Jeep. Finished inspection this A. M. and Mr. Green left for home. Spent P.M. working in office. 8 hrs.

Monday September 7, 1953

Labor Day. Attended Fair all day.

Tuesday September 8, 1953

Attended Fair part of day. Worked at home part of day. Spent 2 hrs. at Tractor Test. Lab.  
Jean Whitson, Wm. Trumpp, Loren Norby arrived at 6 P.M. 2 hrs.

Wednesday September 9, 1953

Started all John Deere tractors on limber up run to-day. Ran until midnight. Started belt test after mid-night. 7 A.M. to 6 P.M. and 8 P.M. until mid-night. 15 hrs.

Thursday September 10, 1953

Started belt test at midnight last night and ran until day time. - had difficulty with dynamometer and lack of horsepower. Ran until noon and finally shut down. Tried St'd. model John Deere 40 but it was no better. Decided to wait until Friday before doing any more. To-day is Kerim Becer's last day. He was over to our house to-nite. 14 hrs.

Friday September 11, 1953

Continuing to limber up more John Deere tractors. Getting John Deere 40 tested on belt. Went to Fair during P.M. - Came back and started more belt test. Ran all night. No better results. 11 hrs.  
Two farmers from Iowa visited Lab.

Saturday September 12, 1953

Running from mid-night on into morning. About 11 A.M. Decided to shut down. After lunch we opened and cleaned combustion chamber. Started up again at 4:30 - ran all P.M. and until 3 A.M. Sunday A.M. 30 hrs.

Monday September 14, 1953

Started up on John Deere St'd. at 4 A.M. to-day. Ran all belt tests and started drawbar runs on 40. 12 hrs.

Tuesday September 15, 1953

Ran drawbar runs on St'd. 40 to-day. Left for Milwaukee at 5:25 P.M. Started at 3 A.M. and worked all day until 5 P.M.  
Arrived at Milwaukee at Midnight. 21 hrs.

Wednesday September 16, 1953

Attended SAE meeting - presented paper at morning meeting.  
Ran 10 hr. test on 40 in Lincoln. Meeting hrs. 8 hrs.

Thursday September 17, 1953

Attended SAE meeting at Milwaukee all day. Left for home at 5 P.M.  
Arrived in Lincoln at 1:30 Friday A.M.  
12 visitors here to-day. 12 hrs.

Friday September 18, 1953

Continued tests on John Deere 40 St'd. 10 hr. test to-day. 10 hrs.

Saturday September 19, 1953

Ran test J & K on St'd. 40 this A.M. Went to football game in P.M.  
4 hrs.

Monday September 21, 1953

Worked on crawler 40 all day. Entertained Congressional group at  
Tractor Test Lab. 20 Visitors. 10 hrs.

Tuesday September 22, 1953

Ran all gears on 40 crawler to-day. Started 10 hr. test at 1 P.M.  
finished at 11 P.M.  
2 visitors. 2 hrs. Testing 16 hrs. 18 hrs.

Wednesday September 23, 1953

Spent all day in an attempt to run low gear on the John Deere 40 Crawler.  
Completed calculations on others. 10 hrs.

Thursday September 24, 1953

John Deere tractors from Waterloo arrived to-day. Men didn't get here  
until evening. Finished up test reports and tests on John Deere 40  
tractors to-day. Bill Trumpp and his crew left for Dubuque. 10 hrs.

Friday September 25, 1953

Started John Deere 70 and 50 on limber up at 6 A.M.. Finished at  
7 P.M. Started belt test on 70 at 10 P.M. and ran all night. 10 hrs.

Saturday September 26, 1953

From mid-night on we worked on John Deere 70 until 9 A.M. Started belt  
test on John Deere 50 at 9 P.M. and ran until 7 A.M. Sunday. 19 hrs.

Monday September 28, 1953

Began test course preparation at 6 A.M. Worked on test course all day.  
It was too wet some places and too dry other places.  
Mr. Sylvester, Writer from Omaha called to-day to talk about tractor  
test. He took all forenoon.  
Met with Dan Kitchen about Tractor Maintenance meeting Friday.  
Worked in office balance of day. 10 hrs.

Tuesday September 29, 1953

Ran drawbar tests on John Deere 70, max. and operating in all gears.  
Started 10 hour test and finished it about midnight. 19 hrs.

Wednesday September 30, 1953

Ran all max gears on John Deere 50 to-day. Also ran 10 hr. run.  
18 hrs.



Thursday October 1, 1953

Ran test J & K, low gear on John Deere 70 and started same tests on John Deere 50. 10 hrs.

Friday October 2, 1953

Made final inspection of both tractors to-day and completed both reports for reprinting. 8 hrs.

Saturday October 3, 1953

Cleaned up place and prepared for demonstration next monday for Foreigners. 8 hrs.

Monday October 5, 1953

Demonstration of belt test for 30 foreigners to-day. Spent extra time in preparation 10 hrs.

Tuesday October 6, 1953

Started Case Diesel on limber up test at 5 A.M. Finished at 5 P.M. Started belt test at 8 P.M. and ran all night. 13 hrs.

Wednesday October 7, 1953

Completed belt test by 6 A.M. this morning. Ran test F & G in 3 gears on Case 500 Diesel. This was all done as a demonstration for group of Foreigners (30). 14 hrs.

Thursday October 8, 1953

Ran 10 hour test on Case 500 Diesel to-day. Started at 6 A.M. and finished on schedule. 12 hrs.

Friday October 9, 1953

Ran test in low gear on Case LA Diesel. Also ran J & K tests to-day. Finished about 3 P.M. Demonstrated safety tip over etc. to 30 foreigners. 9 hours

Saturday October 10, 1953

Massey-Harris 44 and 33 arrived this A.M. Unloaded and started limber up - ran all afternoon. Finished test report on Case La tractor and prepared it for printing. Inspection of Case to-day. 8 hours.

Monday October 12, 1953

Continue limbering up Massey-Harris tractors. Completed Case test. Checked John Deere tests. Sent wire to Implement & Tractor and Farm Implement News. Spent afternoon resting so we could work to-nite. Spent 4 hrs in office monday night. 8 hours.

Tuesday October 13, 1953

Started belt test on Massey-Harris 33 at midnight. Ran until noon to-day. Test did not give results expected. Company men discouraged - want to check to-night. Plan to start at midnight. 10 hrs.

Wednesday October 14, 1953

Began test on the Massey-Harris 44 at midnight and ran all A.M. and until noon to-day. Test results did not satisfy company men and we may need to do some rechecking.

12 men from Credit meeting at college visited the lab. to-day. 14 hrs.

Thursday October 15, 1953

Came over at 6 A. M. and watered test course. Massey-Harris men were not interested in running drawbar tests to-day and finally we shut down at noon. Came back at 6 P.M. and watered the test cours for tomorrow.

8 hrs.

Friday October 16, 1953

Ran all the max. runs on the 33 to-day after long preparation. 13 hrs.

Saturday October 17, 1953

Took off all day and took in football game. I worked on letters all forenoon.

4 hrs.

Monday October 19, 1953

Getting ready for 10 hr. test and completing calculations from last Friday.

12 hours.

Tuesday October 20, 1953

Ran test H on 33 to-day. Started at 5 A.M.

13 hours.

Wednesday October 21, 1953

Ran all max gears on 44 to-day and prepared for test H to-morrow. 3 farmers called to-day.

12 hrs.

Thursday October 22, 1953

Ran test H on 44 to-day. Started at 5 A.M.

13 hrs.

Friday October 23, 1953

Ran recheck on 44 to-day and also low gear. Worked on computations all day. Ran J & K on 33 also.

12 hrs.

Saturday October 24, 1953

One foreign visitor from Brazil visited here to-day. Ran test J & K on Massey-Harris 44 to-day (forenoon). Rechecked 33 on belt and opened for final inspection to-day. Checked 44 on belt in P.M. and started final inspection this P.M.

12 hrs.

Monday October 26, 1953

Mr. Weyand of J. I. Case Co. called this A.M. Started Allis-Chalmers tractors on propane and Dist. out on test A to-day. Craig Cannon and 2 men arrived this A.M. Massey-Harris men finished putting the 44 and 33 to-gether again. Attending Eng. Club meeting at YWCA to-night.

8 hrs.

Tuesday October 27, 1953

Finished up limber up test on Allis-Chalmers tractors and prepared for belt test. Started at 10 P.M. ran all night.

13 hrs.

Wednesday October 28, 1953

Ran belt test from midnight on. Ran all max. gear runs on Allis-Chalmers WD-45 Dist. to-day.

16 hrs.

Thursday October 29, 1953

Had 12 publishers of Farm Magazines here for 1 hour.  
Ran test H on Allis-Chalmers WD-45 Dist. to-day. Began at 5 A.M.  
and finished at 5 P.M. 12 hrs.

Friday October 30, 1953

Ran J & K on Allis-Chalmers WD-45 Dist. to-day. 8 hours.

Saturday October 31, 1953

Began at midnight last night and ran until 10 A.M. to-day, running  
belt test on Allis-Chalmers WD-45 LPG tractor.  
Took balance of day off. 10 hrs.

Monday November 2, 1953

Ran all max. gears on Allis-Chalmers WD-45 Lpg tractor to-day.  
Spent two hours with men from Yugoslavia. 9 hrs.

Tuesday November 3, 1953

Started 10 hour test at 5 A.M. Finished at 5 P.M. 11 hours

Wednesday November 4, 1953

Norm Weyand of J. I. Case Company stopped in to-day.  
Ran test J & K to-day and started final inspection this P.M.  
Worked on computation and final reports all day. 9 hrs.

Thursday November 5, 1953

George Downes of Standard Oil stopped in to-day.  
Finished writing report on two Allis-Chalmers tractors to-day.  
Finished final inspection and put tractors to-gether again.  
Craig Cannon and Louis Villmer left for Milwaukee about noon.  
John Deere tractors arrived at noon. Bob Hall and John Deere men  
arrived about 3 P.M. 9 hrs.

Friday November 6, 1953

Started the two John Deere LPG tractors out on limber up at 5 A.M.  
Finished limber up at 5 P.M. and got ready for belt run and  
started taking data at 7:30. Finished about 4 A.M. Sat. 19 hrs.

Saturday November 7, 1953

Continued belt run from midnight on until 4 A.M. Changed tractors and  
got 70 ready by 7 A. M. and started taking data at 8 A.M. Finished  
by 4 P.M. and went home at 5 P.M.  
Worked in office Sunday nite 2 hrs. 11 hrs.

Monday November 9, 1953

Spent most of forenoon getting test course ready. In afternoon ran  
max. gears on both 70 and 60 LPG tractors.  
Participated in meeting at Hastings to-nite. 12 hrs.

Tuesday November 10, 1953

Ran 10 hour test on 60 LPG to-day. Started at 5 A.M. and ran all day.  
12 hrs.

Wednesday November 11, 1953

Ran 10 hour test on 70 LPG - Started at 5 A.M. and finished at 6 P.M.  
13 hrs.

Thursday November 12, 1953

Ran test J & K on both 70 and 60 LPG . Started inspection. 11 hrs.

Friday November 13, 1953

Completed final inspection and the John Deere men left for Waterloo.  
Attended Sale - at college farm. Attended Staff meeting. 8 hrs.

Saturday November 14, 1953

REA visitor here to-day for 1 hour.  
Henry and Gene took day off. I kept building open all forenoon.  
Spent 4 hrs. here Sunday P.M. in office (correspondence). 8 hrs.

Monday November 16, 1953

Mr. Bloom and assistant arrived this A.M. to start test on David Bradley tractor. Started limber-up test and ran all balance of day. Had 2 hrs. left for to-morrow morning. 12 hrs.

Tuesday November 17, 1953

Started at 6 A.M. and ran balance of limber up test. Prepared tractor for belt test. Checked engine to get proper carb. setting. Ran 100% max. test and test "J". Following this we prepared to test "H" which we finished by 1:30 Wednesday A.M. 18 hrs.

Wednesday November 18, 1953

Finished test "H" at 1:30 A.M. this morning. After weighing fuel and making preliminary calculations we went home and did not return until after lunch. Weighed tractor and prepared for belt test for to-morrow. 6 hrs.

Thursday November 19, 1953

Started belt test at 4 A.M. and ran until we finished, then switched engines and ran max. belt test on Briggs engine. Closed up at 5 P.M. Started final test inspection and crated tractor and celebrated with steak dinner. 12 hrs.

Friday November 20, 1953

Finished calculations and all work on last tests. Had two visitors who were interested in buying the two old Cletracs. Attended staff meeting. Gene helped Alvin fix his car. 8 hrs.

Saturday November 21, 1953

Worked in office all forenoon. 4 hrs.

Monday November 23, 1953

Worked in office all day. Got summary sheet delivered to Mr. Graham. Cleaned up the place in general and tried to get everything back into place again. 8 hrs.

Tuesday November 24, 1953

Left for Norfolk, Nebr. where I stopped to see my brother Harvey who is in the hospital there. He is recovering as well as can be expected. May go home to-morrow.  
Shipped Fordson Major gas. job and David Bradley out to-day.

Wednesday November 25, 1953

I returned from the farm to-day. After seeing Uncle Bergh and Harvey. Uncle Bergh is in very bad health.  
Shipped both Allis-Chalmers out to-day.

Thursday November 26, 1953

Thanksgiving      Holiday.



Friday November 27, 1953

Visitor from Canada.- Mr. Brinton 2 hrs. Mr. Law of Clark Equipment Co. called to-day.  
Henry and I went to Clarence Luebbe's place and sold the two Cletrac tractors. Had received bids from N.W. Iron and also Acme \$270.00 & \$150.00.  
Worked in office balance of afternoon. Had conference with Prof. Smith for 1 hour. 8 hrs.

Saturday November 28, 1953

Worked in office all forenoon. 3 hrs.in evening . 3 hours in office Sunday. 10 hours.

Monday November 30, 1953

Met with Mr. Bruning's class at 9:00 A.M. to-day. 88 men in Class.  
Worked in office all rest of forenoon and all P.M.  
Hank and Gene helping pull stumps for horticulture Dept. this P.M.

Tuesday December 1, 1953

Worked in office all forenoon. Took 5 test reports to Railway Commission before lunch.  
Mr. Sorenson, Sales Mgr. of John Deere was here for a visit.  
Mr. Hosford of John Deere, General Mgr. was here for visit.  
One farmer visited here to-day. 8 hrs.

Wednesday December 2, 1953

Making preparation for Annual Oyster feed for students and Ag. Eng. personnel at Test Lab. 58 attended. 12 hrs.

Thursday December 3, 1953

Getting ready for Engineers open house to-night. Cleaned up test Lab. following oyster feed. 10 hrs.

Friday December 4, 1953

2 farmers visited here to-day.  
Worked in office most of day. Had conference with Mr. Hurlbut regarding budget shortage. 8 hrs.

Saturday December 5, 1953

Prepared my car for trip to Chicago. Started Prof. Smith's tractor for farm tests. 4 hrs.

Monday December 7, 1953

Attended ASAE meeting in Chicago.

Tuesday December 8, 1953

Attended ASAE meeting in Chicago

Wednesday December 9, 1953

Attended ASAE meeting in Chicago

Thursday December 10, 1953

Visited J. I. Case Company in Racine all forenoon.

Friday December 11, 1953

Visited John Deere at Dubuque all day. Left for home.

Saturday December 12, 1953

Arrived at home at 5:00 A.M.

Monday December 14, 1953

Worked in office all day except for a trip to City for starter motor repair.

Allis-Chalmers Block-man called for information regarding tests. He was planning a school for dealers.

Visitor 1 hr. Correspondence 7 hrs.  
8 hrs.

Tuesday December 15, 1953

Worked in office during morning.

25 farm visitors from Hebron were here for 1 1/2 hrs.

Wednesday December 16, 1953

Tabor, Iowa meeting at 8:00 P.M.

Worked in office all day. Conferred with Hurlbut and Baker during forenoon. Prepared for trip in P.M. Left for Iowa at 4:40.

Returned home at 2 A.M. Thursday. 18 hrs.

Thursday December 17, 1953

35 visitors from Iran called to-day.

Spent forenoon at City Campus. Rested 3 hrs during P.M. Worked in office during late afternoon.

35 students visited lab. 6 hrs.

Friday December 18, 1953

Worked all day sending Xmas cards to all Tractor Co. etc.

Received parts for tachometer. 8 hrs.

Saturday December 19, 1953

Worked in office all forenoon getting everything ready to go before leaving for New Orleans. 4 hrs.

VACATION

# SUMMARY OF THE TRACTOR TESTING ACTIVITY FOR 1953

Hours

1.	133 Foreign visitors	
	(1) This includes 30 who were here three different times.	
2.	4452 farmers visited	
	(1) 3000 of these were Tractor Field Day.	
3.	367 Commercial visitors.	
	(1) Consisted of Sales, Service personnel from Co.	
4.	Spent 358 hours with visitors	
	(1) Time with Foreigners	96
	(2) Time with farmers	160
	(3) Time with Commercial men	102
5.	Time spent on correspondence (275 letters answered & 1000 requests for Summary Sheet and reports).	165
6.	Time spent on calculations and reports	244
7.	Time spent actual testing and preparation	1476
8.	Time spent 4-H Tractor Club	98
9.	Time spent conference	73
10.	Time spent shop-Dynamometer repair, installation, etc.	231
11.	Preparation for meeting SAE, Ext. and Veterans	39
12.	Time spent attending meetings	182
13.	Help C. W. Smith with farm tractors	38
14.	Took two weeks vacation time during year	
		<hr/>
		Total hrs. 2904
		Total 8 hour days 363

## PARTICIPATED IN THE FOLLOWING MEETINGS DURING 1953

Attendance

January		
	Met with Mr. Bruning's class	40
	Alfalfa dehydrators (Lexington)	150
	Alfalfa dehydrators (Minden)	40
	Extension farm meeting at Osceola	120
	Extension farm meeting at Pawnee City	35
	4-H Tractor Club Leaders Training Meeting	60
February		
	Dehydrators meeting at Schuyler	60
	Dehydrators meeting at Lexington	145
March		
	Met with Mr. Wendorf's class	30
	FEI meeting	75
July		
	Tractor Short Course	100
	Tractor Field Day	
August		
	Voc. Ag. Conference meeting	150
September		
	SAE meeting in Milwaukee	
October		
	30 Foreign visitors (3 days)	90
November		
	Extension Farm meeting in Hastings	150
	Mr. Bruning's class	88
December		
	Oyster feed	58
	Engineers Open House	
	ASAE meeting in Chicago ( no participation)	
	Veteran class in Tabor, Iowa	48

hr preparation  
Travel time

# HOURS SPENT DURING 1953 SEASON

Hr. Test for C.W.S.	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
Hr. Foreign Visitors	4	20	6		10	1	1	1	12	33	4	4	96
No. of Foreign Visitors	(2)	(3)	(21)		(3)	(1)	(1)	(1)	(1)	(91)	(4)	(5)	(133)
Hr. Farm Visitors	12	17	27	14	9	21	22	16	13	1	3	5	160
No. of Farm Visitors	(284)	(223)	(163)	(312)	(191)	(50)	(303)	(195)	(17)	(3)	(13)	(30)	(445)
Hr. Comm.* Visitors	13	3	13	1	5	11	23	9	7	5	5	7	102
No. of Comm. Visitors	(37)	(10)	(38)	(3)	(76)	(12)	(22)	(7)	(21)	(25)	(5)	(11)	(367)
hr. office Correspond.	33	38	32	14	8	5	12	13	4	12	51	43	265
hr. report Calculations	11		12	16	4	12	7	28	26	24	4		144
hr actual test work		25	42	76	235	224	55	203	228	223	165		1476
hr. Shop Work		27	30	97	13	12	45	7					231
Hr. with Grad. Stud.	2	2	3	3	5								15
hr 4-H Trac. Club	68	30											98
hr. Prep for Mtg.	8	8				SAE 3	SAE 20						39
hr. tot. from Mtg.	21	7	23		12				SAE 27		40	52	182
hr. Conference	4	1	18	7	6	7	6	3	4	8	9		73
hr. Trac. Field day	2	1			5	4	101						123
hr Vacation	(4)		(8)	(8)		(4)			(8)		(16)	(54)	(102)
													3042

380

## MEETINGS ATTENDED

4-H Trac. Club 60  
JAN - Mr Bruni's Class - 40  
Alfalfa Dehydrators - 150  
" " " - 40  
EXT. Mtg at Osceola - 120  
FEB - " " " Pawnee City 35  
(Schuler) Alfalfa dehy drators Mtg - 60  
MARCH " " " (Lexing) 145  
Meeting class (Wendort) 30  
May F.E.I. Mtg - - - - - 75  
Wendort class Mtg - 11  
July Tractor Short Course 100  
Tractor Field day 3000

Aug. Voc. Ag. Mtg. (Shields) - 150  
Sept. SAE Mtg (Milwaukee)  
Oct. 30 Foreign Visitors (3 days)  
Nov. EXT. Mtg in Hastings - 150  
Mr Bruni's class 88  
Dec. Oyster feed - 58  
Eng. Open House  
ASAE Mtg Chicago  
Ext. class in Labor Jan 48



# HOURS SPENT DURING 1953

3 days

	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT.	NOV.	DEC.	TOTAL
Hr. T. W. C. S.	38												38
hours Foreign Visitors	4	20	6	10	10	1	1	1	12	33	4	4	96
No. of Foreign Visitors	(2)	(3)	(21)	(3)	(3)	(1)	(1)	(1)	(1)	(91)*	(4)	(5)	(133)
hours Farm Visitors	12	17	27	14	9	21	22	16	13	13	3	5	160
No. of Farm Visitors	(284)	(223)	(103)	(312)	(191)	(50)	(3031)	(195)	(17)	(3)	(13)	(30)	(4452)
hours commercial Visitors	13	3	13	1	5	11	23	9	7	5	5	7	102
No. of commercial Visitors	(37)	(10)	(38)	(3)	(76)	(12)	(122)	(7)	(21)	(25)	(5)	(11)	(367)
hours in office correspond.	3.3	38	32	14	8	5	12	13	4	12	51	43	265
hours calculation	11		12	16	4	12	7	28	26	24	4		144
hrs. Testing	35	25	42	76	235	224	55	203	228	223	165		1476
hours wk in shop		27	30	97	13	12	45	7	290	298	232		231
hours with Grad. stud.	2	2	3	11	5	28	165						15
hr. Tractor Club	68	30											98
hr. prep. for meeting	8	8				3		20					39
hrs. going & coming Mtg	21	7	23		12			27			40	52	182
hr Conference	4	1	18	7	6	7	6	3	4	8	9	11	73
hr Tractor Field Day	2	1			5	4	101						123
hr Vacation Time	(4)		(8)	(8)		(4)			(8)		(16)	(54)	(102)
Travel hr	216	179	206	227	314	300	272	300	321	306	281	111	3042
hr. Test prep.													

188 hr/month

## MEETINGS

Mr Brunig's Class - 40  
 alfalfa Dehydrator - 150  
 " " " " 40  
 Ext mtg at Oceda - 120  
 Ext mtg at Paines City - 35

Nov - met with Brunig's class - 88  
 Dec - after feed - 58  
 Endg. open House  
 ASAE mtg in Chicago  
 Taber's own mtg - 48  
 alfalfa Dehydrator at Schley - 60  
 " " " " " " 145  
 Meeting with class - 30  
 FEI mtg - 75  
 July Wendorf class mtg - 11  
 Tractor Dept short course - 100  
 Tractor Field Day - 5000  
 Aug. Occ. ag mtg (mrs. Shillars) - 150  
 Sept - ASAE mtg in Milwaukee - 30  
 Oct - Foreigning  
 Nov. - meeting at Hastings (EXT.) - 150

Friday January 1, 1954

Holiday

Saturday January 2, 1954

Holiday

Sunday January 3, 1954

Holiday

Monday January 4, 1954

Getting ready to go to Grand Junction, Iowa.  
Working in office all day - mail etc.

8 hours.

Tuesday January 5, 1954

Worked in office all day. Preparing for trip to Grand Junction, Iowa.  
Mr. Hossan Sodati from Iran here 2 hours.

8 hrs.

Wednesday January 6, 1954

Left for Grand Junction in A.M. Stopped in Omaha on way to see multi wheel rubber packers.

Over 60 farmers attended meeting on Tractor Test. 15 hours.

Thursday January 7, 1954

Returned from Grand Junction to-day. 200 miles. Spent balance of day in office.

Ken Crawl called and wanted to order 100 reports.

Friday January 8, 1954

McCawley of Australia spent all forenoon here visiting test Lab.

Worked in office all P.M. Made trip to City to get parts. Conference  
Mr. Cargo about test. 8 hours.

Saturday January 9, 1954

Spent entire day working on correspondence. Had conference with  
Prof. Smith about garden tractors. 8 hours.

Monday January 11, 1954

Checking Summary Sheet proof. Worked in office all day.

Ken Crawl of Allis-Chalmers stopped in.

N. B. Weyand of J. I. Case called. Farmer from Tilden called for  
information. Conference with L. W. Hurlbut. 8 hours.

Tuesday January 12, 1954

Sent cable to Formosa to answer request. Worked on Summary Sheet.  
Worked on tractor repair. 8 hours.

Wednesday January 13, 1954

3 farmers called for information regarding tractors.

Worked on Summary Sheet and returned it to Mr. Graham's office.

Called Kansas City about Farmaster. Worked on correspondence.

Attended 4-H club meeting this evening so that Mr. Alvim could see  
what it was like. 10 hours.

Thursday January 14, 1954

Preparing for meeting at Lincoln Hotel at noon. Helped Mr. Hurlbut by showing pictures while he discussed tractor testing at the Uni. of Nebr.

Returned picture projector screen after meeting. Met Dick Coleman Of I.H.C. for short time.

Friday January 15, 1954

Tractor Test Board meeting from 8 A. M. to 10 A.M. discussing Bolen tractor testing. Worked in office balance of forenoon. Planning for meeting in Iowa. 8 hrs.

Saturday January 16, 1954

Worked in office all forenoon 4 hours.

Monday January 18, 1954

N. B. Weyand visited here to-day. Worked all day getting ready for 4-H club meeting. 8 hours.

Tuesday January 19, 1954

George Downes arrived to-day. Helped get ready for 4-H Tractor Club. 8 hrs.

Wednesday January 20, 1954

Worked all day with 4-H club at test lab. Started at 7 A.M. 9 hrs.

Thursday January 21, 1954

Worked with meeting all day 8 hours.

Friday January 22, 1954

Attended 4-H Tractor Club meeting all forenoon. Cleaned up and returned tractors. 8 hrs.

Saturday January 23, 1954

Went to farm to attend funeral of Uncle Bergh.

Monday January 25, 1954

Left for Hartley, Iowa this morning for meeting with adult class. Had over 100 farmers present. Travel & meeting 13 hours.

Tuesday January 26, 1954

Returned from Hartley and worked in office in preparation for meeting in North Platte next Thursday. Travel & Office. 8 hrs.

Wednesday January 27, 1954

Left for North Platte about 10 A.M. Spent balance of day enroute. 8 hrs.

Thursday January 28, 1954

Assisted with 4-H Leaders Training meeting at North Platte. 8 hrs.

Friday January 29, 1954

2 farmers from Beatrice here 1 1/2 hrs. Assisted with 4-H Leaders meeting at North Platte. Returned to Lincoln 11 P.M. 14 hrs.

Saturday January 30, 1954

Worked in office all forenoon, unloading etc. 4 hrs.  
Sunday 2 hrs.

Monday February 1, 1954

Went to work in office at 5 A.M.. Worked all day except for 1 hr. staff conference. 10 hrs.

Tuesday February 2, 1954

Checked Summary Sheet and returned it to Editor. Men from campus upkeep checked bld. for bathroom changing.  
4 farmers called for test reports and discussed fuels.  
Prepared talk for Ames meeting in evening. 11 hours.

Wednesday February 3, 1954

Made 2 trips to city to get auto parts for test car. Went to Photo Lab. and Stadium. Spent P.M. at home 4 hrs.  
Henry worked on test car all day.

Thursday February 4, 1954

Worked in office all forenoon on budget, letters, reports etc.  
Henry worked on test car all day. I spent P.M. at home. 4 hrs.

Friday February 5, 1954

10 Voc. Ag. visitors here. Worked in office on budget, letters, reports, etc. Spent 2 hrs at home. Gave illustrated lecture on Tractor Test at Lutheran Club at YMCA. 9 hrs.

Saturday February 6, 1954

Worked in office all forenoon. Also spent 4 hrs. Sunday getting correspondence & budget ready for Monday. 8 hours.

Monday February 8, 1954

Getting ready to leave for Ames to-morrow. Worked on budget for next biennium. Staff meeting 1 hr. 8 hrs.

Tuesday February 9, 1954

Left for Ames this A.M. and stopped at Massey-Harris Co. on way. Arrived at Ames by 4:30 P.M. Attended dinner being held at Student Union. 10 hrs.

Wednesday February 10, 1954

Attended Farm Eq. Retail Dealers meeting at Ag. Eng. Bldg. Gave paper at 1:00 P.M. and left for Charles City by 4:30 P.M. arrived there at 7 P.M. Visited Chas. Adams this evening. 10 hrs.

Thursday February 11, 1954

Visited the Oliver Corp. all forenoon. Saw their new models and possible new models. Visited their assembly line and foundry. Also machine shop. Left for Waterloo by 12:30 and arrived at John Deere Plant by 2 P.M. Visited Merlin Hansen, Russ Candee and many others there. Visited assembly line, Experimental and other dept. Saw a Junkers engine in a Sevita tractor. Also our model R and the new Diesel 70. Left for home by 4:30. Drove all night. 16 hrs.

Friday February 12, 1954



Friday February 12, 1954

Arrived at home by 2 A.M. Stayed home all day and rested. 2 hrs.

Saturday February 13, 1954

Worked in office all forenoon. Arranged for car to ship Someca.  
Worked on Summary Sheet. 6 hrs.

Monday February 15, 1954

Worked in office all day. Loaded Someca and made arrangements for shipment.  
Returned Summary Sheet to Mr. Graham's office 8 hrs.

Tuesday February 16, 1954

Went to freight depot and arranged Bill of Lading for Someca tractor to be shipped.  
Dick Hufnagle called regarding some pictures that he wanted to have taken. Spent 2 hrs with him. Balance of day worked in office.  
Jim Dunlap and Walt Phillips called to-day. 8 hrs.

Wednesday February 17, 1954

Spent forenoon in office. Walt Phillips came to borrow tractor.  
Spent P.M. at home. Vacation time. 4 hrs.

Thursday February 18, 1954

Worked in office all forenoon. Spent afternoon at home on vacation 4 hrs.

Friday February 19, 1954

Worked in office most of forenoon. Dick Hufnagle called to take some pictures. Spent all afternoon and part of evening working with him. 9 hrs.

Saturday February 20, 1954

Worked in office all forenoon. Had conference with C. W. Smith for 1 hr. 4 hrs.

Monday February 22, 1954

Worked in office all forenoon. Geo. Downes called to get equipment used during 4-H Club meeting. Worked in office all P.M. 8 hrs.

Tuesday February 23, 1954

Went to city to get head for Ferguson. Called at print shop and Photo Lab. for supplies. Worked in office all P.M.  
3 Voc. Ag. boys from Oakland called. Mr. Sjogren of Lincoln Sigma Tau called. Mr. Billings of campus upkeep called. 8 hrs.

Wednesday February 24, 1954

3 Commercial visitors to-day. Worked in office all forenoon summarizing time for last year. John Sulek came over to get cable. Planning meeting for Tractor Field Day. Spent 3 hrs. at home, vacation 7 hrs.

Thursday February 25, 1954

Took gas tank to Messer's for repair. Planning Tractor Field Day.  
Spent P.M. at home. 8 hrs.

Friday February 26, 1954

Tractor Field Day meeting in Prof. Smith's office. 45 visitors here  
from Dodge Co. Went to city to get gas tank and pictures from  
Photo Lab. Spent balance of day in office. 8 hrs.

Saturday February 27, 1954

Went to purchasing dept. to see Putney and Ingram about roller for  
packing test course. Worked in office. 4 hrs.

Monday March 1, 1954

Four gentlemen from Yugoslavia visited here all day 8 hrs.

Tuesday March 2, 1954

Worked in office all forenoon. 2 farmers called to discuss propane  
conversion. Made a trip to city to discuss engines with Caterpillar  
8 hrs.

Wednesday March 3, 1954

Spent forenoon at home. Mr. Brown of Chicago called. Wanted story  
on Tractor Test. 3 farmers called about fuel for tractors, torque  
converters and tires for tractors.

Thursday March 4, 1954

Spent forenoon at home - vacation. Spent balance of day working in  
office. 8 hrs.

Friday March 5, 1954

Worked in office all forenoon. Went to city campus to get S. S. Sheet.  
Spent balance of day getting ready to entertain men from Yugoslavia.  
8 hrs.

Saturday March 6, 1954

Cleaned Test Lab. all forenoon. 4 hrs.

Monday March 8, 1954

Worked in office all forenoon. Staff meeting at 11:00 A.M.  
Conference with Tractor Field Day committee. 2 visitors. 8 hrs.

Tuesday March 9, 1954

Hufnagle came out to take some pictures this forenoon. Worked in  
office balance of forenoon. Went to city to see Mr. Leubs about  
pressure indicator. 3 farmer visitors. 7 hours.

Wednesday March 10, 1954

24 - 4H people from Red Oak, Iowa visited Lab.  
Worked on test car and checking indicator for spring testing. 8 hrs.

Thursday March 11, 1954

Worked on test car all day. Getting ready to calibrate springs. 8 hrs.

Friday March 12, 1954

Spent all forenoon in city getting - switch, plating on cylinder, summary sheets, rubber mat, checking on welding equipment, etc. Worked on dynamometer and in office all afternoon. 2 farmers and 2 men from Conoco called to-day. 8 hrs.

Saturday March 13, 1954

Met with Dick Putney to plan meeting for next Sat. Picked up work at plating Co. 4 hrs.

Monday March 15, 1954

Worked in office, mail, etc. Attended staff meeting. 2 farmer visitors. Olson came over for meeting about Tractor Field Day. 8 hrs.

Tuesday March 16, 1954

Worked on spring calibration all day. 8 hrs.

Wednesday March 17, 1954

Calibrated springs all day except for 2 hrs when we went down to get summary sheets. Worked 4 hours in evening on correspondence 10 hrs.

Thursday March 18, 1954

Planning meeting Saturday for Hiway Equip. Engineers. Conference with Dan Kitchen on Tractor Field Day. Correspondence. 8 hrs.

Friday March 19, 1954

Spent all day cleaning up and preparing demonstration for meeting scheduled for Sat. Staff meeting. 8 hrs.

Saturday March 20, 1954

Had meeting for Sales personnel from Hiway Equip. Co. all forenoon. 5 hrs.

Monday March 22, 1954

Cleaned up all forenoon after Sat. meeting. Spent afternoon working in office on correspondence and paper for ASAE. 8 hrs.

Tuesday March 23, 1954

2 Commercial visitors. Worked in office 3 hrs. Balance of day in shop. 8 hrs.

Wednesday March 24, 1954

Worked in office and shop. 8 hrs.

Thursday March 25, 1954

Worked in office and shop. 8 visitors in evening. Had 4 farm visitors. 10 hrs.

Friday March 26, 1954

Worked in office and shop. 8 hrs.

Saturday March 27, 1954

Worked in Lab. all forenoon. Meeting with Dan Kitchen and Bill Lutz. 4 hrs.

Monday March 29, 1954

Worked in office all forenoon. Getting ready for trip to Colo.  
8 hrs.

Thursday March 30, 1954

2 men from Goodyear called this A. M. 1 farmer called.  
Left for Omaha at 7:30 this A.M. Visited Fehrs Equip. Co., Mr. Barry,  
John Deere, Massey-Harris, returning by 5:30 P.M. 9 hrs.

Wednesday March 31, 1954

Made preparation to leave for Fort Collins to-morrow. Getting  
projector slides and charts and paper ready. 8 hrs.

Thursday April 1, 1954

9 visitors from Union College and 6 FFA boys visited here.  
Enroute from Lincoln to North Platte. 8 hrs.

Friday April 2, 1954

60 FFA boys toured Tractor Test Lab.  
Enroute from North Platte to Fort Collins. 8 hrs.

Saturday April 3, 1954

Gave paper at Rocky Mountain Section of ASAE at Fort Collins.  
Drove to Colo. Springs in P.M. 4hrs.

Monday April 5, 1954

Drove from Colo. Springs to Lincoln to-day.

Tuesday April 6, 1954

Standard Oil at Omaha called to say Geo. Downes was in hospital.  
Rechecked 100# spring to-day. Worked on paper for Peoria meeting.  
Correspondence 4 hrs. Meeting with Smith and Lambert about test  
Lab. and Test course. 9 hrs.

Wednesday April 7, 1954

Worked on Tractor Code paper all day. Met with Smith & Sulek. 9 hrs.

Thursday April 8, 1954

Made a trip to city to see about hose and requisition.  
Worked on correspondence. 8 hrs.

Friday April 9, 1954

Worked on SAE paper all forenoon. Correspondence in P.M. 8 hrs.

Saturday April 10, 1954

Worked on paper for SAE. Sunday worked on SAE paper. 8 hrs.

Monday April 12, 1954

Worked on SAE paper 4 hrs. Left for Peoria after lunch - arrived in  
Peoria at midnight. 12 hrs.

Tuesday April 13, 1954

Pfundstein called at office. Spent all day in Peoria. Participated  
in the meeting there. Started for home same night.



Wednesday April 14, 1954

Returned from Peoria to-day. Oliver men arrived this evening. 8 hrs.

Thursday April 15, 1954

Unloaded Oliver tractors this morning. Rained off and on all day.  
Put on counters for the Oliver tractors. Meeting with Prof. Smith  
this P.M. 8 hrs.

Friday April 16, 1954

Starting limber up test this A.M. at 6:00 Ran all day. Had meeting  
with Prof. Smith and Dan Kitchen this A.M. 10 hrs.

Saturday April 17, 1954

Had Tractor Field Day committee meeting. Worked with crawler tractors  
all forenoon. Spent 3 hours Sunday nite getting ready for Monday.  
7 hrs.

Monday April 19, 1954

Mr. Holloway and 3 men from Australia spent forenoon here.  
Started at 6:30 A.M. to run drawbar tests on Oliver OC-6. Made various  
tests all day. 10 hrs.

Tuesday April 20, 1954

Ran all day in an attempt to get carburetor set properly.

Wednesday April 21, 1954

Bob McGrawley came from Marvel-Schebler Carb. Co. to-day and we  
ran all day in an effort to fine best carb. setting. 10 hrs.

Thursday April 22, 1954

2 visitors from Cleveland spent entire day here, - showed them film,  
test car and campus.  
Rained all last night - could not make any tests. Mr. Tupps and  
Mr. Tomko of Oliver spent day here. 8 hrs.

Friday April 23, 1954

Aaron Nelson of Omaha called to-day to see about garden tractors.  
8 High School students visited Lab.  
Too wet for testing to-day but took test car out and showed how  
equipment worked for benefit of Tupps and Tomko. They left for home  
in P.M.

Saturday April 24, 1954

Started at 7 A.M. on 10 hr. test. Fuel line on carb. stopped up  
forcing us to stop after 7 hrs. Cleaned line and finished test.  
11 hrs.

Monday April 26, 1954

Decided to rerun 10 hr. test and started at 7:00 A.M. Ran 3 hrs. when  
rain started. Forced to stop. Decided to discontinue test and start  
Tuesday A.M. Went home at 2 P.M. 9 hrs.

Tuesday April 27, 1954

Tuesday April 27, 1954

Shoberg and Johnson - Oliver of Omaha called to-day. 3 farmers called about tractors.  
Started 10 hr. test for third time at 4:30 A. M. Ran until finished.

Wednesday April 28, 1954

Ran Test "J" to-day. Removed weights, weighed took wheel count and ran test. 8 hrs.

Thursday April 29, 1954

Started Max. drawbar tests on OC-6 Diesel to-day. Ran all forenoon but rained out in afternoon. Worked on calculations. 8 hrs.

Friday April 30, 1954

Mr. McSherry of Oliver came out to-day and spent all day here. Started inspection of OC-6 gas to-day.  
30 boys from Boys Town called to-day. 8 hrs.

Saturday May 1, 1954

3 farm boys visited to-day.  
Completed inspection of OC-6 gas to-day. Cleaned Lab. & worked in office. 8 hrs.

Monday May 3, 1954

5 farmers called yesterday. 2 men from M-M called in P.M. Rained last week end and test course was too wet. Unable to do any work. Worked in office all day.  
Visited with several farmers. Ben VanZee and Carl Reller From M-M called in P.M. 8 hrs.

Tuesday May 4, 1954

Still too wet to test. Worked in office. Meeting with Lutes and Dan Kitchen. Representative from Oliver called to-day to see tests. 8 hrs.

Wednesday May 5, 1954

40 visitors from Chamber of Commerce, York County visited lab. N.B. Weyand called. Bill Larsen called on way to Delaware.  
Started to run max. drawbar tests on OC-6 Ds'l. 10 hrs.

Thursday May 6, 1954

Ran 10 hr. test on Oc-6 Ds'l tractor to-day. Began at 4:00 A.M. and worked until 5 P.M. 13 hrs.

Friday May 7, 1954

2 men were here this forenoon from Standard Oil Co. Completed test reports and started final inspection and finished by 6 Pm  
Ran some tests for Standard Oil of Omaha on various fuels.

Saturday May 8, 1954

Had meeting of Tractor Field Day committee. Worked on panel for fuel room and cleaned up in general. 4 hrs.

Monday May 10, 1954

Sid Williams from England arrived for visit. Man from Ford Co.  
Howard Lamb, John Ebe and R. N. Coleman arrived this A.M. for test.  
Tractor arrived during P.M. Attended staff meeting. 8 hrs.

Tuesday May 11, 1954

10 men from Uni. of Mo. called for visit at test Lab.- spent all  
forenoon here.  
Working on fuel panel and limbering up IH tractor. Finished at  
7:30 P.M. 8 hrs.

Wednesday May 12, 1954

Started belt tests at 1:00 A. M. and finished by 12:00 P.M. 11 hrs.

Thursday May 13, 1954

Spent day running drawbar tests. 5A. M. to 5 P.M. 12 hrs.

Friday May 14, 1954

Spent day checking horsepower on drawbar and checking springs and  
gauges. 5 A.M. to 6 P.M. 13 hrs.

Saturday May 15, 1954

Visitor from Memphis, Tenn.  
Ran 100% max. over again at 5 A.M. Started 10 hr. test at 8:15.  
12 hrs.

Monday May 17, 1954

Prepared test course at 4:30 A.M. and ran low gear, 2nd. gear and  
high in max. Computed all results and worked on reports. 10 hrs.

Tuesday May 18, 1954

Prepared test course and ran test "J" after removing all weight from  
tractor. Rained before we could get ready for test "K". Made final  
inspection this afternoon. Worked in office to-nite.  
Man from General Motors called this P.M. Mr. Cravioto from Stockton,  
Calif. called. 13 hrs.

Wednesday May 19, 1954

Ran test "J" this A.M. on I.H. WD Super 9. Worked on limber up test  
for Harris Power Horse all day. 12 hrs.

Thursday May 20, 1954

Ran max tests on all gears of Power Horse to-day. 10 hrs.

Friday May 21, 1954

Ran 10 hr test to-day and also test "J" & "K". 16 hrs.

Saturday May 22, 1954

Worked on Harris Power Horse tractor all day. Final inspection  
completed. 8 hrs.

Monday May 24, 1954

Carl Reller arrived to-day and started Minn.-Moline tractors on  
limber up.

Tuesday May 25, 1954

Limber up test on Minn-Moline tractors.

8 hrs.

Wednesday May 26, 1954

Tried Minn.-Moline tractor (gas) on belt. Short about 1/2 horsepower, low barometer and high humidity to-day.

Thursday May 27, 1954

Prepared tractor fuel tractor (M-M) for test and checked it out. plan to run to-morrow.

8 hrs.

Friday May 28, 1954

Visitor from So. Africa called to-day.

Ran belt test on Minn.-Moline Tractor Fuel tractor.

Managed to get Harris test report off to-day Air Mail. 10 hrs.

Saturday May 29, 1954

Ran belt test on Minn.-Moline Gas job to-day. 6 A.M. to 7 P.M. 13 hrs.

Monday May 31, 1954

Visited Cliff on farm to-day. Brought 2 calves to Lincoln for 4-H.

Tuesday June 1, 1954

Preparing Tractor fuel M-M for drawbar test to-day. Ran max. test in 3rd. and 4th. gear.

Spent 2 hrs with 4-H club boys.

10 hrs.

Wednesday June 2, 1954

Rained all day. Unable to test. Worked on computations and prepared for belt test.

8 hrs.

Thursday June 3, 1954

Ran belt test on Minn-Moline propane tractor 6 A.M. to 6 P.M. 10 hrs.

Friday June 4, 1954

75 Radio and T. V. directors visited here to-day.

Ran test H on M-M "U" Tractor fuel tractor. Started at 5 A.M. until 6 P.M.

13 hrs.

Saturday June 5, 1954

Ran max test in 1st., 2nd., and 5th gear, also test "J" on M-M "U" T.F.

Monday June 7, 1954

Ran 100% max. on M-M gasoline and all other Op. max. gears. Got ready for Test H.

12 hrs.

Tuesday June 8, 1954

One foreign visitor from Iran.

Ran test H on M-M gasoline tractor. Rechecked 100% max.

10 hrs.

Wednesday June 9, 1954

Rained last night. Started packing test course and tried propane tractor all afternoon but track was still too soft.

8 hrs.



Thursday June 10, 1954

Getting ready for max drawbar tests on M-M LPG but test course was still too wet for good performance. Decided to wait until to-morrow.  
8 hrs.

Friday June 11, 1954

Began at 4 A.M. and ran max. gears in 2nd, 3rd, and 4th gears, on M-M LPG. At 7:15 started 10 hour test which was completed by 5:15.  
14 hrs.

Saturday June 12, 1954

Ran max test in low gear and also high gear. Shut down at lunch time.  
4 hrs.

Monday June 14, 1954

25 visitors from Agronomy meeting.  
Finished test J & K on M-M tractors this forenoon.  
Prepared for 25 visitors at 2 P.M. and demonstrated for them balance of afternoon.  
8 hrs.

Tuesday June 15, 1954

Completed final inspection of M-M tractors to-day. Helped put on safety demonstration for Agronomy group at farm. Worked on reports.  
8 hrs.

Wednesday June 16, 1954

Finishing up calculations and all reports for M-M tractors.  
Carl Reller left for Minneapolis this P.M.  
8 hrs.

Thursday June 17, 1954

John Sulek and I drove to Omaha this A.M. to see about Tractor Field Day. Called on John Deere, Oliver, Massey-Harris and Mid-West Dealers Association.  
Mr. Ricardo and Marco of Columbia S. A. called for a short visit. 12 hrs.

Friday June 18, 1954

Visited with Mr. Marco and Ricardo all day. Mr. Davenport of Hoards Dairyman was here for the P.M.  
8 hrs.

Saturday June 19, 1954

Two foreign visitors. 2 farmers.  
Spent all forenoon with Marco & Ricardo.  
4 hrs.

Monday June 21, 1954

Bus Whitehead of Phillips Oil called to-day. Worked on test reports and checked proofs.  
Started to calibrate springs.  
8 hrs.

Tuesday June 22, 1954

Calibrating springs all day. Two farm visitors.  
8 hrs.

Wednesday June 23, 1954

Worked on springs all day.  
8 hrs.

Thursday June 24, 1954

Worked on spring calibration  
8 hrs.

Friday June 25, 1954

Worked on springs all forenoon. Planned program for Tractor Field Day. Left after lunch for Louisville for week end vacation. 4 hrs.

Saturday June 26, 1954

Spent all day Saturday at Louisville camping out with Anderson and two boys.

Monday June 28, 1954

Two farmers, 3 commercial men and 2 foreign visitors were here to-day. Attended funeral for Muriel Smith to-day. Met with Mr. Graham and Mr. Hurlbut planning program for Field Day. 8 hrs.

Tuesday June 29, 1954

Willard Hosford of Omaha called. 2 farmers visited lab. Went to work at 5 A.M.. Worked in office on correspondence. 8 hrs.

Wednesday June 30, 1954

Four visitors from Illinois. Made a trip to city & West Stadium. Worked on correspondence. 8 hrs.

Thursday July 1, 1954

Prepared for about 20 visitors from Dixon County. They arrived about 10:30 - spent all forenoon here. Went to City and visited the IHC regarding Tractor Field Day. 8 hrs.

Friday July 2, 1954

Visited with two foreigners all forenoon. Went to Omaha during the afternoon and contacted John Deere, Oliver and Mid-West Farm Eq. Dealers Association. 8 hrs.

Saturday July 3, 1954

Worked all forenoon on publicity for Tractor Field Day. 4 hrs.

Monday July 5, 1954

Fourth of July Holiday. Worked on my car all day.

Tuesday July 6, 1954

Oscar A Rocca of Bolivia called to-day. Worked on correspondence. Meeting with Sulek, Kitchen, Hurlbut and Smith about Tractor Field Day. 8 hrs.

Wednesday July 7, 1954

Arrangements for Tractor Field Day. 8 hrs.

Thursday July 8, 1954

Arrangements for Tractor Field Day. 8 hrs.

Friday July 9, 1954

Tractor Field Day. 8 hrs.

Saturday July 10, 1954

Tractor Field Day. 4 hrs.

Monday July 12, 1954

Tractor Field Day. 8 hrs.

Tuesday July 13, 1954

Tractor Field Day. 8 hrs.

Wednesday July 14, 1954

Worked on Tractor Field Day. 8 hrs.

Thursday July 15, 1954

Visitor from Egypt. Worked on Tractor Field Day. 8 hrs.

Friday July 16, 1954

Mr. Barry of Midwest called to-day. Worked on Tractor Field Day.  
8 hrs.

Saturday July 17, 1954

Working on Field Day. Meeting at 9 A.M. 4 hrs.

Monday July 19, 1954

Preparing for Tractor Field Day. 8 hrs.

Tuesday July 20, 1954

Preparing for Tractor Field Day. 10 hrs.

Wednesday July 21, 1954

Short Course for Dealers on Tractor Day. 117 Dealers. 10 hrs.

Thursday July 22, 1954

Preparing for the Tractor Field Day 10 hrs.

Friday July 23, 1954

Tractor Field Day all day. Estimated that approx. 4,000 people  
attended this meeting. 12 hrs.

Saturday July 24, 1954

Cleaned up following the tractor Field Day. Tractor Field Day  
meeting. 4 hrs.

Monday July 26, 1954

Meeting with Sulek about Broken Bow meeting. Cleaning up  
from Tractor Field Day. 8 hrs.

Tuesday July 27, 1954

Preparing for Yugoslaves and Turks at meeting here tomorrow.

Wednesday July 28, 1954

Meeting with John Sulek about Tractor Field Day at Broken Bow.  
Had 25 foreign visitors here to-day. 15 Turks. 10 Yugoslaves.

Thursday July 29, 1954

Checked slippage demonstration using two Case tractors.  
Attended Dairy Field Day meeting. 8 hrs.

Friday July 30, 1954

Worked in office all day - returned tractor to Mr. Nagle.  
Checking John Deere for upsets. 8 hrs.

Saturday July 31, 1954

Worked in office all forenoon. 4 hrs.

Monday August 2, 1954

Harris Four Wheel Drive tractor arrived this A.M. Started the tractor on limber up. Some delay as we had no application. Met with John Sulek about Tractor Field Day. 8 hrs.

Tuesday August 3, 1954

Continued with limber up test. Still no application. Worked in office nearly all day. 8 hrs.

Wednesday August 4, 1954

Working more with tractor - making final checks. - no application. no test. Worked in office on correspondence. 8 hrs.

Thursday August 5, 1954

Planning to start test Friday - Application arrived. Weighed tractor - changed weight, took wheel count and prepared to start test. 8 hrs.

Friday August 6, 1954

Rained all day. Men from tractor co. left for Iowa to visit friends. L. F. went to Cozad to-day. Gone all day.

Saturday August 7, 1954

Worked in office all forenoon. 4 hrs.

Sunday August 8, 1954

Worked on correspondence and writing all forenoon 4 hrs.

Monday August 9, 1954

Went to Seward for the entire day. Hank spent entire day rolling test course following the rain. Still too soft to run on by evening.

Tuesday August 10, 1954

Started rolling test course at 6:30 A.M. and were ready to start testing by 9 A.M. Spent all day trying to get the Hp. Nothing accomplished all day. 8 hrs.

Wednesday August 11, 1954

Called Continental again and obtained a decision to run engine at 1800. Talked to Mr. Green of Harris Mfg. Co. and he agreed that we run at 1800. Started to rain about 10 A.M. and continued off and on all day. No test. 8 hrs.

Thursday August 12, 1954

Got test course ready and started to get Max. setting of fuel pump. Ran all gears to-day. 8 hrs.



Friday August 13, 1954

Rained last night - getting ready for 10 hr. test by packing test course. Mr. Rush of Continental ran Harris 4 wheel drive off test course upsetting it, - test car and Oliver ran off too but did not upset. Started 10 hr. test at 3 P.M. - rained out at 11P.M. 15 hrs.

Saturday August 14, 1954

Rained last night - unable to start this morning. Started to pack track at 11:00 A.M.

Monday August 16, 1954

Finished up the report on the Harris 4 Wheel Drive tractor to-day. Worked on report and inspection. 10 hrs.

Tuesday August 17, 1954

Getting equipment lined up for shipment to Broken Bow. John Deere 70 arrived to-day. Worked on Harris report. 8 hrs.

Wednesday August 18, 1954

Loading box car to-day. 8 hrs.

Thursday August 19, 1954

Finished loading box car for Broken Bow. 8 hrs.

Friday August 20, 1954

Worked in office and getting loaded for trip to Broken Bow. 8 hrs

Saturday August 21, 1954

Worked in office on last minute plans before leaving for Broken Bow. 4 hrs.

Sunday August 22, 1954

Left at 7 A.M. for Broken Bow. Arrived about noon and spent P.M. unloading the car. 9 hrs.

Monday August 23, 1954

6 farmers called for reports.  
At Broken Bow preparing for Tractor Field Day on Tuesday.  
Worked track as it was wet. Had everything in good condition by 8 P.M. 12 hrs.

Tuesday August 24, 1954

Tuesday was Tractor Field Day at Broken Bow. Started at 8 A.M. and worked all day. Started to load in evening until dark 11 hrs.

Wednesday August 25, 1954

Ford dealers and visitor here for reports.  
Reloading the car and getting ready to return to Lincoln.  
Started home at noon. 8 hrs.

Thursday August 26, 1954

Worked in office and returned things that we brought back from Broken Bow. Loaded Oliver Cletracs on Box car this forenoon. 8 hrs

Friday August 27, 1954

4 visitors from Kansas and Tennessee.  
Took pictures at College farm all P.M. Checked Harris 4 wheel drive report. 8 hrs.

Saturday August 28, 1954

Worked in office all Sat. forenoon. Sunday worked in office on articles for Hoards Dairyman. 8 hrs.

Monday August 30, 1954

4 visitors. Worked in office on reports and correspondence. 8 hrs.

Tuesday August 31, 1954

Worked in office all day and on correspondence. 8 hrs.

Wednesday September 1, 1954

2 farm visitors here to-day. Attending Co. Fair. 1hr.

Thursday September 2, 1954

Worked in office. Had 10 visitors. 8 hrs.

Friday September 3, 1954

Attended County Fair all day.

Saturday, Sunday, September 4 - 5

Attended Fair.

Monday September 6, 1954

Holiday - attended Fair.

Tuesday September 7, 1954

2 farm visitors. 5 foreign visitors.  
Preparing for meeting with foreign group thurs. and Friday 8 hrs.

Wednesday September 8, 1954

15 Turkish visitors here to-day. 8 hrs.

Thursday September 9, 1954

Discussed tractor testing with 23 foreigners here to-day. 10 hrs.

Friday September 10, 1954

Helped entertain all foreign visitors to-day. 10 hrs.

Saturday September 11, 1954

Worked in lab. cleaning up following meeting with foreigners.  
Afternoon worked on correspondence. 8 hrs.

Monday September 13, 1954

Worked in office 4 hrs. Went to West Stadium 4 hrs. 8 hrs.

Tuesday September 14, 1954

2 farmers from Kansas. Worked in office all day. 8 hrs.

Wednesday September 15, 1954

Worked on correspondence all day. 8 hrs.

Thursday September 16, 1954

Worked in office. Picked up the two John Deere tractors. 8 hrs.

Friday September 17, 1954

Worked in office all day. 3 men from Spain spent 1 hr in Lab. 8 hrs

Saturday September 18, 1954

Went up to farm for the day. Returned by midnight. Hank cleaned up lab. forenoon.

Sunday night worked 3 hrs. in lab. 3 hrs.

Monday September 20, 1954

Mr. Kaiser from Harris Mfg. Co. called to-day. Man from Italy came to-day.

Worked in office. Helped move chairs. 8 hrs.

Tuesday September 21, 1954

Made contacts regarding John Deere overload.

Went to Railway Commission to deliver report.

Tractor Test Board Meeting. Worked in office 3 hrs. 8 hrs.

Wednesday September 22, 1954

Took requisition to purchasing Dept. Went to photo lab. Met with Mr. Smith. Talked to John Deere at Omaha, to Oliver at Charles City. Made reservations for 4 men from Oliver. Showed Bankers through Lab. 8 hrs.

Thursday September 23, 1954

2 visitors from Denmark.

Worked in office all forenoon. Sent an article to Hoards Dairyman. 8 hrs.

Friday September 24, 1954

Worked in office all day. Getting ready for the 4 Oliver tractors that are due Monday.

Spent considerable time with man from Italy. 8 hrs.

Saturday September 25, 1954

Spent all day at AkSarBen in Omaha. Took Mr. Sarcenellia along to see rodeo.

Called on John Deere Plow Co.

Monday September 27, 1954

Man from Iran came for 2 week visit.

4 men from Oliver arrived this morning and the 4 tractors to be tested also arrived. These were unloaded and prepared for limber up test. Ran two all the balance of the day. 10 hrs.

Tuesday September 28, 1954

2 men from Kansas City called this morning regarding a Service man. Continued limber up test and finished the Oliver Gas. 55 at 11:00 A.M. Prepared for the belt test on 55. Decided to wait until early Wed.  
8 hrs.

Wednesday September 29, 1954

Shoberg, Zellers and one other man from Omaha called to-day. Started at 4 A.M. and ran belt test on the Oliver 55 HC and completed the run by 6 P.M. Continued the limber up of 88 and 55 Diesel.

Thursday September 30, 1954

Ran belt test on Oliver 88 HC. Began at 5 A.M. and finished by 7 P.M. Also ran drawbar test on 55 HC to-day. 13 hrs.

Friday October 1, 1954

Staff meeting at 11:00 A.M.  
Rained last night - unable to do any test work. Worked on computations and prepared for next belt test and also for 10 hr. test. Ken Von Bargaen reported for work this A.M. 9 hrs.

Saturday October 2, 1954

Rained last night. Started belt test on Oliver 55 diesel tractor but since it rained, decided to stop for balance of day. Sunday worked test course in A.M. 2 hrs. 4 hrs. Sat. 6 hrs.

Monday October 4, 1954

Started belt test on Oliver 55 diesel at 3 A.M. Ran until 9 A.M. Rain came so shut down. Bud Fisher called and arranged for shipping date, so tractor could arrive here October 20th. Merlin Hansen called about test to-day.

Tuesday October 5, 1954

Unable to do any test work as it rained all day. Balanced dynamometer, worked on correspondence and prepared for belt test to-morrow.

Wednesday October 6, 1954

Started belt test on Oliver 55 diesel this morning at 7 A.M. Finished by 4 P.M. Started limber up on 88 diesel at 10 A.M. and ran until 10 P.M. Started belt test at 10:30 P.M. and made preliminary run until midnight. 10 hours.

Thursday October 7, 1954

Continued belt test until 7 A.M. when it was finished. Went home and slept until 3 P.M., returned to office at 4 P.M. 8 hrs.

Friday October 8, 1954

Russ Candee called this A.M. about date. Decided to come Monday October 18th. Meeting with Prof. Smith. Went to City. 8 hrs.



Saturday October 9, 1954

Started rolling test course at 6 A.M. Ran balance of gears on 55 and all of max. gears on 88. Finished at 6 P.M. 12 hrs.

Monday October 11, 1954

4 farmers visited laboratory to-day.  
Started at 6 A.M. and ran 10 hr. test. We were interrupted twice because of rain and delayed so we could not finish until 10 P.M. 16 hrs.

Tuesday October 12, 1954

Two farmers stopped in lab. this P.M.  
Started 88 HC out at 4:30 this A.M. and ran all gears also test J on Oliver 55.  
Finished 10 hr. test on 88 HC at 10 P.M.  
Went to funeral from 10 A.M. until 1:00 P.M. 14 hrs.

Wednesday October 13, 1954

Col. Johnson(England) and Mr. Heiter of Ford Motor called to-day.  
Started 88 diesel at 6 A.M. and ran all gears on drawbar. Started 10 hour test at 11:30, finished and completed test by 10 P.M. 16 hrs

Thursday October 14, 1954

Started at 7 A. M. and ran all "J" and "K" gears that were not finished. Completed this work by 5 P.M. Started inspection of 1st. tractor to-day. Closed up shop at 5:00 P.M. 10 hrs.

Friday October 15, 1954

Re-ran test on drawbar on Oliver 88 gas. Obtained much better performance than previous results. Made inspection of diesel tractor. 8 hrs.

Saturday October 16, 1954

Completed inspection on all tractors and completed all test reports on all tractors. Oliver men left for Charles City by 1:00 P.M. 6 hrs.

Monday October 18, 1954

Two men from Oliver called this P.M.  
Order of fuel and oil arrived this P.M. John Deere arrived about 4:00 P.M. Unloaded and prepared for limber up run at 5:00 A.M. to-morrow. Worked on correspondence off and on all day. 8 hrs.

Tuesday October 19, 1954

One farmer called at Lab. 5 men came with John Deere tractor. Started limber up at 5 A.M. Finished at 5:30 P.M. and prepared for belt test which was started at 8 P.M. and finished at 5:30 A.M. Wed. 16 hrs.

Wednesday October 20, 1954

Completed belt test at 5:30 A.M. to-day. Working on test course all forenoon. Worked on report and correspondence in P.M. 10 hrs.

Thursday October 21, 1954

Mr. Hull from David Brown arrived to-day.  
Ran all drawbar gears and 10 hour test to-day. Started at 6 A.M. and finished at 7 P.M. 13 hrs.

Friday October 22, 1954

Started TD-24 this P.M. Ran 2 hrs. Ran test "J" & "K" on John Deere 70 during the forenoon and made final inspection during the afternoon. 10 hrs.

Saturday October 23, 1954

Ran I.H.C. TD-24 all day.  
Completed test report and finished up all the work on tractors by noon. 13 hrs.

Monday October 25, 1954

Hooked up TD-24 and were ready to test by noon. Ran all the gears except 1st and 2nd. 10 hrs.

Tuesday October 26, 1954

Rained last night- Unable to do any test work. Worked on reports and equipment. 8 hrs.

Wednesday October 27, 1954

Worked on test course all day. Men with David Brown arrived to-day. 8 hrs.

Thursday October 28, 1954

25 students visited lab. to-day.  
Started 10 hr. test at 6 A.M.- limber up and official start at 8 A. M. -finished late due to break down. 12 hrs.

Friday October 29, 1954

Worked on test course so we could get test run in 1st. and 2nd. gear. Started at 6 A.M. and worked until 2 P.M. Started test at 2 P.M. and worked until 7 P.M. Finished test "F" & "G". 13 hrs.

Saturday October 30, 1954

Made up report and final inspection on tractor. Worked all day cleaning up and gathering up the broken equipment. Fisher and John left at 6 P.M.

Monday November 1, 1954

Began official test on David Brown this A.M. Changed the oil and started limber up test and ran 10 hours to-day. 10 hrs.

Tuesday November 2, 1954

Finished limber up test at 9 A.M. - prepared for the belt test and got under way at 12:45. Finished at 8:30 P.M. Found that error was made - Ran belt test all over and finished next A.M. 15 hrs.

Wednesday November 3, 1954

Finished belt test at 4:30 A.M. to-day. Ran all night. Slept until noon. Worked on test course all day. 9 hrs.

Thursday November 4, 1954

Worked on test course all day until evening then ran test "J" & "K".

Friday November 5, 1954

25 High School boys visited here to-day.  
Prepared to run all drawbar tests to-day. Started early 6 A.M. and

Friday November 5, 1954(Cont'd)

set wheel wts. on and filled tires with fluid. About 25 High School boys from Bennet spent 2 hrs. here in A.M. Ran all max. gears in afternoon. Prepared for 10 hr. test Saturday. 10 hrs.

Saturday November 6, 1954

Three farmers called for information and visit.  
Ran 10 hour drawbar test to-day. Began at 5 A.M. and finished by 5:30 P.M. 12 1/2 hrs.

Monday November 8, 1954

Two visitors.  
Worked on reports and made inspection of David Brown Tractor. 8 hrs.

Tuesday November 9, 1954

Men from England preparing to leave to-day. Making final reports and completing inspection of David Brown tractor 8 hrs.

Wednesday November 10, 1954

Started limber up on Massey-Harris-Ferguson Pacer. 4 hrs beside preparation, etc. 8 hrs.

Thursday November 11, 1954

Thirty farm visitors from Dawson County spent 1 hour here.  
Finished limber up test by 2 P.M. Ran belt test this afternoon and evening. Finished belt test Friday 5:30 A.M. 18 hrs.

Friday November 12, 1954

Ran all max. gears early in morning following belt test.  
Ran test "H" on Pacer. Started preparation at 5 A.M. and finished by 5:30 P.M. 15 hrs.

Saturday November 13, 1954

Ran test "J" & "K" on Pacer during forenoon. 5 hrs.

Monday November 15, 1954

Made some rechecks on Pacer on the belt and after lunch we started inspection. 8 hrs.

Tuesday November 16, 1954

Worked on last test report and finished inspection on Massey-Harris pacer. Wrote several letters. Massey-Harris men left at noon. 8 hrs

Wednesday November 17, 1954

Went out to college farm and ran some tests on tire slippage with wheel weights and without wheel weights. 8 hrs.

Thursday November 18, 1954

35 farmers from Tecumseh visited here for about 2 hrs.  
Cleaned up in general. Worked on data obtained yesterday in field.  
Checked summary sheet data to-day.

Friday November 19, 1954

N. B. Weyand called at Lab. to-day.  
Staff meeting at 11:00 A.M. Met with Al Moomar regarding test course. Henry went to Kansas City to-day to see about a job with Cockshutt.

Saturday November 20, 1954

Met with Mr. Johnson of State Highway Dept. about test course.  
Meeting with the Dean and Baker at 11:00 A.M.

Monday November 22, 1954

Ran a slippage test using two Olivers pulling same load. One tractor had ballast on and one did not.  
Had committee meeting with Sulek and Kitchen.  
Worked in office on correspondence. 8 hrs.

Tuesday November 23, 1954

Five visitors from M-H of Fargo.  
Worked in office, made a trip to the city. Showed visitors about test Lab. and discussed tractor testing. Cleaned up tractors and started to store them for winter. 8 hrs.

Wednesday November 24, 1954

Worked in office during forenoon. Left for Colorado after lunch. 5 hrs.

Thursday, November 25, 1954

At Colorado Springs.

Friday November 26, 1954

At Colorado Springs.

Saturday November 27, 1954

At Colorado Springs. Returning home Sunday.

Monday November 29, 1954

Prepared for trip to Spencer, Iowa to-night. Left early 15 hrs.

Tuesday November 30, 1954

Returned to Lincoln this A.M. Worked in office all balance of day. 8 hrs.

Wednesday December 1, 1954

Preparing for trip to Newell, Iowa this evening. 16 hrs.

Thursday December 2, 1954

Returned from Newell, Iowa this A.M. Preparing to go to Farragut, Iowa to-night.

Friday December 3, 1954

Returned from Iowa. Worked in office all day. 8 hrs.

Saturday December 4, 1954

Worked in office all forenoon. Started for Chicago to-night and drove all day Sunday. 16 hrs.

Monday December 6, 1954

Attending meetings at Chicago ASAE

Tuesday December 7, 1954

Attending ASAE meetings in Chicago all day. 8 hrs.



Wednesday December 8, 1954

Attending meetings at ASAE in Chicago 8 hrs.

Thursday December 9, 1954

Enroute to Jefferson, Iowa for meeting to-night. About 30 farmers  
and Implement dealers attended 10 hrs.

Friday December 10, 1954

Enroute to Des Moines this A.M. Participated in WHO T.V. program  
at noon. Visited Woolson-Croft at Iowa, Nebr. Tractor and also  
De Forrest at Successful Farming. Returned home by 7 P.M. 11 hrs.

Saturday December 11, 1954

Spent forenoon in office to-day. Spent 2 hrs in office on Sunday.  
6 hrs.

Monday December 13, 1954

Worked in office all day. 8 hrs.

Tuesday December 14, 1954

Ran some errands in town to-day. Worked in office all balance  
of day. 8 hrs.

Wednesday December 15, 1954

Preparing for Oyster Feed this evening. 8 hrs.

Thursday December 16, 1954

Cleaning up following Oyster Feed. 8 hrs.

Friday December 17, 1954

Worked in office all day. Staff meeting at 11:00 A.M. 8 hrs.

Saturday December 18, 1954

One farmer came over for 3 test reports.  
Worked in office all forenoon. 4 hrs.

Monday December 20, 1954

Mr. Weyand of J. I. Case called to-day.  
Went to city. Delivered test reports and temporary permits to  
Mr. Cargo of Railway Commission. Meeting with Mr. Hurlbut this P.M.  
Worked in office balance of day. 8 hrs.

Tuesday December 21, 1954

Worked in office all day. 8 hrs.

Wednesday December 22, 1954

Worked in office all day. 8 hrs.

Thursday December 23, 1954

Worked in office all day. 8 hrs.

Friday December 24, 1954

Vacation all day for all employees.

Saturday December 25, 1954

Vacation and Xmas Day.

Monday December 27, 1954

Worked in office most of forenoon. Took Mr. Salvatore to County Court house to get a drivers license. Spent the P.M. at home.  
4 hrs.

Tuesday December 28, 1954

Worked in office during forenoon. Met with Mr. Fowler during afternoon discussing the test course possibility.  
Made arrangements with Photo Lab. to get a chart made up to date.  
8 hrs.

Wednesday December 29, 1954

Mr. Randt of Oliver called from South Bend to-day.  
Working on correspondence all forenoon. Checked test reports and contacted a contractor regarding cost of concrete test course.  
8 hrs.

Thursday December 30, 1954

Called Ray Bowers of IHC regarding Summary Sheet.  
Board meeting to-day. Worked on reports and delivered the summary sheet to Mr. Graham.  
8 hrs.

Friday December 31, 1954

Worked in office all forenoon. Left for Annual leave in P.M.

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# SUMMARY OF THE TRACTOR TESTING ACTIVITY FOR 1954

Hours

1. 429 Foreign visitors	
2. 4786 farmers (4000) at Field Day	
3. 404 Commercial visitors	
4. Spent hours with visitors as follow:	
(1) Time with foreigners	98
(2) Time with farmers	123
(3) Time with Commercial visitors	140
5. Time spent on correspondence (letters and reports)	326
6. Reports and calculations	227
7. Actual test work	720
8. Shop work	103
9. Hours with graduate student	10
10. 4-H Tractor Club	51
11. Preparation for meetings	231
12. Time travel to and from meetings	200
13. Hours conference	112
14. Hours Tractor Field Day	157
15. Vacation (10 days)	85
16. Preparing for test	147
Total hours	2645
Total days	330

## PARTICIPATED IN THE FOLLOWING MEETINGS DURING 1954

Attendance

January	
4-H Tractor Club in Lincoln (3 days)	60
4-H Tractor Club in No. Platte (3 days)	6
Meeting in Lincoln Hotel	150
Hartley, Iowa Veteran's meeting	149
Grand Junction, Iowa Veteran's meeting	130
February	
Implement Dealers meeting in Ames, Iowa	150
Lutheran Club meeting	46
April	
Meeting for Hi-way Equipment	12
Rocky Mountain A.S.A.E. meeting	75
Peoria S.A.E. meeting	175
May	
Radio and Press	78
July	
Tractor Field Day Dealers	117
Tractor Field Day farmers	4000
August	
Tractor Field Day at Broken Bow	300
December	
Spencer, Iowa Veteran's class and farmers	65
Newell, Iowa Veteran's class and farmers	122
Farragut, Iowa Veteran's class and farmers	45
Jefferson, Iowa Veteran's class and farmers	30
WHO T.V. Des Moines	
Oyster Feed	60
A.S.A.E. meeting in Chicago	

# HOURS DURING 1954

	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL Hr.
Hours spent Foreign Visitors	3	5	8		2	12	16	34	17	4		2	98
# of Foreign Visitors	(2)	(1)	(4)		(1)	(9)	(29)	(36)	(10)	(4)	(2)	(1)	429
hr. spent Farm Visitors	10	12	14	16	8	20	12	16	1	4	8	2	123
No. of Farm Visitors	(30)	(42)	(38)	(100)	(364)	(58)	(400)	(28)	(2)	(57)	(65)	(2)	4786
hr. spent Commercial Visitors	10	15	23	20	29	16	10	4	6		4	3	140
No. of Commercial Visitors	(12)	(10)	(30)	(15)	(14)	(100)	(45)	(12)	(47)	(8)	(6)	(2)	404
hr. office correspondence	40	36	31	16		14	17	36	70	10	28	28	326
hr. report + calculations	12	18	4	4	37	14		18	12	39	39	30	227
hr. actual test work				68	178	80		71	35	230	58		720
hr. shop work	7	12	33	15	6		4	6	2		4	24	103
hr. with Grad. Student	0	0								2	8		10
hr. 4-H Trac. Club	51	—											51
hr. Prep for mtg.	20	18	35	30			18	66	4		16	24	231
hr. to & from mtg.	52	17	70	48				15			20	28	200
hr. conference	10	9	7	8	4	15			4	2	13	40	112
hr. Tractor Field Day		8	4	2	2	6	131	2					157
hr. vacation	8	18	4		4	4		34	16			7	(85)
<del>hr. prepare for test</del>													
hr. Prepare for test	2	4	30	14	16	36		4	4	29	8		147
TOTAL	255	173	203	241	286	217	208	296	166	320	216	188	2761

Meetings

mtg. Hrd. Junction - 60  
mtg. at Lincoln Hotel - (130)  
Hartley mtg. - 150  
4H mtg. at Lincoln - (50)  
4H mtg. in N. Platte - (6)  
mtg. at Ames - (120)  
Lutheran mtg. - (36)

mtg. for Highway E. (25)  
Rocky mt. ASAE mtg. (75)  
Pearce SAE mtg. - (150)  
mtg. for Radio at press - (75)  
mtg. for Dealers 117  
mtg. for farmers 4000  
Baker-Bow mtg. 300

mtg. at Spencer 200  
mtg. at Russell 200  
mtg. at Fairbury 45  
mtg. at Jefferson 30  
T.V. - Des Moines 100  
Cyster 200  
ASAE in Chicago



Saturday January 1, 1955

Spent Saturday in Fort Worth Texas. Left for Seminole Seminole , Texas, Sunday P.M.

Monday January 3, 1955

Vacation. Drove from Seminole to Carlsbad Caverns and visited there - then on to El Paso, Texas.

Tuesday January 4, 1955

Vacation. Spent forenoon in El Paso and Juarez, Mecico and in P.M. drove to Las Cruces, New Mexico and visited Ag. Eng. Dept. and Linschieds there.

Wednesday January 5, 1955

Vacation. Stayed in Tucson last night. Visited Uni. of Arizona. Drove on to Phoenix. Visited M-M this evening also Larsons.

Thursday January 6, 1955

Vacation. Visited I.H.C. Proving ground south of Phoenix and M-H. test fleet this eve.  
Man called for TD-24 from North Platte.

Friday January 7, 1955

Truck came to get TD-24.  
Vacation. Visited M-H test fleet again and drove on to Yuma and Elcentro.

Saturday January 8, 1955

Vacation. Left El Centro, visited Salton Dea and Indio Exp. Sta. and on to Pasadena. Stayed here all Sunday.

Monday January 10, 1955

Vacation. Visited Clayton Dyn. Co. in El Monte this forenoon. Drove on to Santa Barbara.

Tuesday January 11, 1955

Two visitors from Phillipine Islands all day.  
Vacation. Visited San Luis O Bispo to-day. Drove on to San Francisco.

Wednesday January 12, 1955

Spent day in San Francisco, Oakland and Stanford Uni.

Thursday January 13, 1955

Vacation. Drove to Davis, Sacramento and Fresno. Stopped in Stockton to see Harris Mfg. Co.

Friday January 14, 1955

Two farmers from Falls City called to-day.  
Vacation. Spent day at Fresno.

Saturday January 15, 1955

Saturday January 15, 1955

12 men from Gibbon, 40 from Albion, 30 others, 82 in all visited Lab. to-day.  
Vacation. Drove up to Krugs Canyon, East of Fresno (6000 ft. up)  
Spent Sunday at Fresno.

Monday January 17, 1955

Left for Death Valley to-day. Stayed over night in Death Valley.

Tuesday January 18, 1955

Vacation. Drove thru Death Valley and on to Las Vegas.

Wednesday January 19, 1955

Drove to Hoover Dam and to Grand Canyon. Stayed over there.

Thursday January 20, 1955

One visitor from Hi-way Eqp., One visitor from Sask., 2 farmers.  
Left Grand Canyon and drove to Albuquerque.

Friday January 21, 1955

One farmer visitor at Lab.  
Drove from Albuquerque to Colo. Springs.

Saturday January 22, 1955

Drove from Colo. Springs to Holdrege and to Lincoln.

Monday January 24, 1955

Preparing for 4-H Club meeting and working on mail. Conference  
with Mr. Hurlbut. 8 hrs.

Tuesday January 25, 1955

Worked on mail and preparing for 4-H meeting 8 hrs.

Wednesday January 26, 1955

Working on mail. Conference with L.W.H. Getting ready for  
4-H meeting. 8 hrs.

Thursday January 27, 1955

Helping with 4-H meeting. 8 hrs.

Friday January 28, 1955

Helping with 4-H meeting. 8 hrs.

Saturday January 29, 1955

Helping with 4-H meeting and cleaning up. 7 hrs.

Monday January 31, 1955

Three farmers called.  
Worked on mail. Conf. with Smith. Cleaning up and returning  
tractors. 8 hrs.

Tuesday February 1, 1955

2 farmers called. Worked on paper for meeting. 8 hrs.

Wednesday February 2, 1955

3 farmers called from Iowa.

Worked on talks at Kansas and correspondence. Preparing chart  
for Kansas meeting. 8 hrs.

February 3, Thursday, 1955

Worked on correspondence and chart for Kansas meeting 8 hrs.

Friday February 4, 1955

Worked in office all day. 8 hrs.

Saturday February 5, 1955

Stayed home in bed due to illness.

Monday February 7, 1955

Drove to Manhattan this P.M. Packed and prepared to leave this  
A.M.

Tuesday February 8, 1955

1 farmer from Beatrice called.

Attended Farm and Home week in Manhattan to-day. Gave two talks  
during P.M. Tractor Maintenance and How to compare fuels.

Returned home this eve. 10 hrs.

Wednesday February 9, 1955

1 foreign visitor. 5 farmers.

Worked in office all day. 8 hrs.

Thursday February 10, 1955

Read proposed SAE test code for tractors. Letters and corresp. 8 hrs.

Friday February 11, 1955

2 farmers called. Worked in office all day. 8 hrs.

Saturday February 12, 1955

2 foreign students visitee. Met with Mr. Heroe all forenoon.  
Also Mr. Vanasop.

Monday February 14, 1955

1 farmer from Beatrice. 1 farmer from Odell.

Meeting with Red Lane this forenoon about Tractor Field Day.

Worked on correspondence. Went to Dr. in the afternoon. 4 hrs.

Tuesday February 15, 1955

Worked in Lab. all day. 8 hrs.

Wednesday February 16, 1955

Worked in office all forenoon. Went to eye specialist at 2 P.M.

Called at West Stadium. Meeting with John Sulek and Red Lane. 6 hrs.

Thursday February 17, 1955

Worked in office all forenoon. Drove to Omaha and contacted

LeRoy Barre, Jno. Deere, Massey-Harris, and J. I. Case. 10 hrs.

Friday February 18, 1955

Worked in office all forenoon on letters. Tractor Field Day and plans for two foreign students. 8 hrs.

Saturday February 19, 1955

Worked with Mr. Heroe all forenoon. 4 hrs.

Monday February 21, 1955

Meeting of Tractor Field Day Committee. Went to dentist and eye Dr. during P.M. 8 hrs.

Tuesday February 22, 1955

1 Commercial visitor. Worked in office all day on correspondence and cleaning up desk. Salesman from Hi-Way Eq. called. 9 hrs.

Wednesday February 23, 1955

Worked on file cabinet all forenoon. Worked on summary for 1954. One farm visitor. 8 hrs.

Thursday February 24, 1955

Farmer from Walton called to discuss fuels for farm tractors. Worked on correspondence. Meeting with Mr. Hurlbut. Studying Tractor Test finances and preparing a report for Dean. 9 hrs.

Friday February 25, 1955

Visitors: Geo. Downes, N. B. Weyand. Std. oil man came out to check our fuel tanks. Worked on correspondence, Financial statement of Tractor Test. Meeting with Mr. Hurlbut about T.T. finance. 3 visitors and one graduate student. Gene Hunck discussed his project work with me. 9 hrs.

Saturday February 26, 1955

Spent all forenoon with Mr. Heroe. Prepared for a belt test. 4 hrs.

Monday February 28, 1955

5 Commer. callers to-day. Ralph Hunt of Ford called regard test course. Hinkle called regarding fuel for test. Met with Sulek regard. Field Day. Mr. Neff of Cockshutt called for booklet. Hayes called regarding test. Worked on correspondence. 8 hrs.

Tuesday March 1, 1955

40 farmers from Clay Center visited Lab. Mr. Hosford of John Deere and Mr. Sconeas from Ford visited Lab. 2 farmers came to discuss fuels for farm tractors. 8 hrs.

Wednesday March 2, 1955

Worked in office all forenoon. Insurance agent called. Meeting on Tractor Field Day with Lutes and Lane. 8 hrs.

Thursday March 3, 1955

11 farm visitors. Worked in office all forenoon. Mr. Hagamen came in to get his tractor tested. 7 Veteran trainees came in for visit in Lab. 3 Ag. Eng. students came in to see about testing tractors. Tractor Field Day committee meeting. 9 hrs.



Friday March 4, 1955

Mr. Gregor of J. I. Case called.  
Prof. Smith spent time checking Hagamen tractor.  
Meeting with Mr. Yung about Smith retirement.  
Conference in afternoon. Office work. 8 hrs.

Saturday March 5, 1955

2 foreign graduate students, Heroe and Vanasup worked here all forenoon. 4 hrs.

Monday March 7, 1955

Spent day in Omaha. Called at John Deere Co. to see about plows for Voc. Ag. Contest. Visited J. I. Case and met with new Mgr. Called Mr. Kingman at Joslyn Memorial and inspected display for Eng. night. Called at Mid-West Eq. Dealers Assoc. to see about program. 8 hrs.

Tuesday March 8, 1955

7 farmers came as Vet. class. Worked in office during forenoon. Prepared for transcription with Mal Hanson for NBC. Worked on mail. 8 hrs.

Wednesday March 9, 1955

Calibrated springs all forenoon. It was necessary to install new piston and cylinder in indicator. Made computations during P.M. 8 hrs.

Thursday March 10, 1955

Calibrated springs all forenoon and measured the calibrations during P.M. 8 hrs.

Friday March 11, 1955

Barry of Omaha called. Farmer called about Oliver 99 report. Meeting with Mr. Hurlbut about exhibit at Mich. State. Meeting with Yung and Peterson regarding C.W.S. Memorial. 8 hrs.

Saturday March 12, 1955

Worked with Vanasup and Heroe all forenoon. 4 hrs.

Monday March 14, 1955

Mr. Halloway called this P.M. Committee meeting with Yung & Peterson. Calibrated springs. Ran errands in town all P.M. 8 hrs.

Tuesday March 15, 1955

Jim Dunlap visited lab. Craig Cannon called from A.C. Bob Adams of Socony Vacuum called. One farmer. Calibrated springs all forenoon. Preparing list of names for mailing list. 4 visitors. 8 hrs.

Wednesday March 16, 1955

2 farmers called to-day.  
Worked on spring calibration all forenoon.  
Checked proofs on new log sheets and delivered to Mr. Graham.  
Conference with Mr. Yung, Penton and Smith. 8 hrs.

Thursday March 17, 1955

3 farmers called to-day.

Conference with Mr. Price regarding display for Mich State College.  
Attended funeral this P.M. 8 hrs.

Friday March 18, 1955

1 farm visitor. 1 Commercial visitor from Montgomery Ward & Co.  
Worked on test course all forenoon.

Meeting with Tractor Field Day committee. Correspondence. 8 hrs.

Saturday March 19, 1955

Heroe and Vanasup spent all forenoon here.

Ran belt test and made fish hook for Case SC. 4 hrs.

Monday March 21, 1955

Commercial man from weights and measurements checked scales.

Worked on dynamometer all forenoon.

Went to town for errands all P.M. 8 hrs.

Tuesday March 22, 1955

Worked in office all forenoon. Had meeting with Yung and

Peterson this P.M. Mike Bey of Publicity was contacted about  
C. W. Smith dinner. 8 hrs.

Wednesday March 23, 1955

Left for Chicago early this morning. Arrived in Chicago by  
11:00 A.M. Arrived at Hotel by 12:30. Called Mr. Bowers,  
Bud Fisher and Dan Kitchen. Visited National Safety Council  
during balance of P.M. 8 hrs.

Thursday March 24, 1955

Visited I.H.C. showing of new machinery at International Ampitheatre in Chicago. Visited with C. Hanson of Michigan State regarding Centennial display. Took train home for Lincoln this evening. 8 hrs.

Friday March 25, 1955

Arrived in Lincoln late this A.M. Went to Test Lab at 11:00 A.M.

Worked in office the balance of the day. 8 hrs.

Saturday March 26, 1955

Worked with 2 graduate students all forenoon. 4 hrs.

Monday March 28, 1955

John Eby, Dick Coleman & Howard Lamb arrived this A.M.

Worked in office 4 hrs. Farmall 400 and W-400 arrived just before noon. Prepared for limber up test and got it under way. 8 hrs.

Tuesday March 29, 1955

Continued limber up test all day. Prepared all equipment for belt test.

Mr. Diaz of Spain spent 3 hrs. here. 8 hrs.

Wednesday March 30, 1955

Started to get ready for belt test at 3:30 A.M. Started engine at 4 A.M. and ran until 3:30 P.M. Shut down and went home at 4:00 P.M.  
13 hrs.

Thursday March 31, 1955

25 men from Union College visited here. 200 FFA boys visited here during day.  
Started to get track ready at 6 A.M. Sprinkled and rolled. Prepared tractor for drawbar tests and ran all gears. Shut down at 6 P.M.  
12 hrs.

Friday April 1, 1955

45 FFA boys visited lab. to-day.  
Prepared Fml for test at 6 A.M. and started warm up at 7 A.M. and ran 10 hour test from 8:00 A.M. until 6 P.M. Completed test on schedule.  
12 hrs.

Saturday April 2, 1955

Started Belt test on W-400 at 3:30 A.M. and finished up at 3 P.M.  
13 hrs.

Monday April 4, 1955

Bob Swallow came from Chicago for International. Started to prepare track for test "J" & "K" at 6 A.M. Ran drawbar torque curve then test "J" & "K". Finished by 4 P.M.  
Prepared W-400 for test "F" by weighing, getting wheel count ETC.  
Closed up at 6 P.M.  
12 hrs.

Tuesday April 5, 1955

Prepared test course for 2 hrs. Worked on Farmall 400 test report.  
Ran all gears on W-400 this P.M.  
11 hrs.

Wednesday April 6, 1955

Ran 10 hour test on W-400. Began at 6 A.M. and went home at 6 P.M.  
12 hrs.

Thursday April 7, 1955

Prepared test course. Had tractor test Board meeting to-day.  
Met with Mr. Graham. Met with Mr. Smith. Conferred with Mr. Mason of Caterpillar Tractor Company.  
Made test "J" & "K" on W-400.  
10 hrs.

Friday April 8, 1955

Started limber up test on Farmall 400 Diesel this A.M. Also started W-400 Diesel after oil change etc. Prepared Farmall 400 for belt test to-night. Started belt test at 11 P.M. and ran all night.  
14 hrs.

Saturday April 9, 1955

Finished belt test by 8 A.M. after running all night.  
Went home to rest while Henry ran drawbar tests on Farmall Ds'1.  
Prepared for belt test on W-400 Ds'1 and started at 10 P.M. finishing at 4:30 Sun. A.M.  
17 hrs.

Monday April 11, 1955

2 farmers called to-day. Visitor from Arkansas.  
Started 10 hour test at 8 A.M. and ran all day finishing at  
7:30 P.M. 12 hrs.

Tuesday April 12, 1955

Rained last nite and this morning - Unable to test. Worked on  
Calculations all day.

Wednesday April 13, 1955

Made inspection on Farmall 400. Started to prepare test course  
by noon. Rolled track all P.M. Worked on correspondence all P.M.  
8 hrs.

Thursday April 14, 1955

Ran maximum gear tests on International W-400 and high speed runs  
on farmall 400. Worked on test course all forenoon.  
Started at 6 A.M. and worked until 7 P.M. 13 hrs.

Friday April 15, 1955

5 farmers called. One commercial man from Std. oil called.  
Started 10 hour preparation at 5 A.M. and took off at 6 A.M. -  
finished at 4 P.M. Shut down at 5 P.M. 12 hrs.

Saturday April 16, 1955

Started work at 5:30 to finish up test 535, "F" & "G" and "J" & "K" on  
both 534 and 535. Worked until noon and closed down for day. 6 1/2 hrs

Monday April 18, 1955

Started putting water on test course at 5:30. Ran test "J" on 535  
over again and started the Farmall 100 and Farmall 200 on limber up  
test. Worked on calculations all day. Meeting with L.W.H. about  
Tractor Field Day. 11 hrs.

Tuesday April 19, 1955

4 farmers called. 2 visitors from Uni. of Illinois.  
Worked on reports all day. Finished limber up on 100 and 200.  
Worked on mail from 6 to 8 P.M. 10 hrs.

Wednesday April 20, 1955

Preparing Farmall 200 for belt tests and getting it weighed and  
wheel weights on for testing. Started at mid-night and ran until  
noon on Thursday. 18 hrs.

Thursday April 21, 1955

Ran all max. gears on Farmall 200 after preparing test course for  
drawbar work.

Friday April 22, 1955

Feeders day and 500 farmers visited Lab. 30 farmers from Columbus  
made a tour of Lab.  
Ran test "H" on Farmall 200. Began at 5 A.M. and got test under-  
way by 6 A.M. Finished at 4 P.M. and went home at 5 P.M. 12 hrs.



Saturday April 23, 1955

Prepared test course at 5 A.M. Started tests at 9 A.M. Ran tests in low gear on Farmall 200. Also test "J". Rained out at 11 A.M. and could not complete test "K". 7 hrs.

Monday April 25, 1955

Carlton Zink and 2 other men from Deere & Co. visited here to-day. Worked on computations all day. Started track preparation at 6 A.M. and rolled until 9 A.M. Started to take data for test "K" and finished by noon. Made inspection of Farmall 200 and prepared 100 for test. Started belt test at 9 P.M. 15 hrs.

Tuesday April 26, 1955

Finished belt test on Farmall 100 at 5 A.M. Prepared tractor for drawbar tests and ran all gears to-day. Started recheck on Farmall 100 at 9:30 P.M. and ran all night again to obtain a better setting of carburetor for Test "C", "D" and "E".

Wednesday April 27, 1955

Finished belt test on recheck of Farmall 100 at 4:30 A.M. Better results obtained. Started 10 hour test at 5:15 A.M. and ran O.K. Re-run all gears as we had a different carburetor setting after 10 hour run test.

Thursday April 28, 1955

Re-ran belt tests on Farmall 200 until we finally obtained more corrected Hp than advertised. Head was cleaned and replaced.

Friday April 29, 1955

Finished test "J" & "K" on Farmall 200 by noon. Started at 5 A.M. Farmall 300 didn't arrive from Chicago until 3 P.M. Prepared it for limber up run and ran until midnight. 19 hrs.

Saturday April 30, 1955

Mr. Davis and Mr. Anthony from Australia called to-day. Completed 12 hr. limber up test by 4 A.M. (midnight to 4 A.M.) and hooked tractor on belt and started belt test - this was finished at 4 P.M. 16 hrs.

Monday May 2, 1955

Started preparing test course at 5 A.M. also getting wheel weights etc. ready for drawbar test on Farmall 300. Started running at 8:00 A.M. 13 hrs.

Tuesday May 3, 1955

Testing Farmall 300.

Wednesday May 4, 1955

Testing I.H.C. Tractors

Thursday May 5, 1955

Testing I.H.C. tractors

Friday May 6, 1955

Testing I.H.C. tractors.

Saturday May 7, 1955

Prepared test course for test "J"&"K" on Utility. Made the two tests but test "K" was not satisfactory. Worked from 5 A.M. to 12 noon. 7 hrs.

Monday May 9, 1955

Worked on test reports for I.H.C.. All International men but Howard Lamb had gone home Saturday. Lamb stayed to help with reports.

John Deere 60 arrived at 5 P.M. 8 hrs.

Tuesday May 10, 1955

Started limber up test at 5 A.M. and ran all day. Started belt test by 8 P.M. and ran all night. 14 hrs.

Wednesday May 11, 1955

Finished belt test by 7 A.M. Had run all night. Ran drawbar tests during balance of day. 9 hrs.

Thursday May 12, 1955

Started warm up of 60 LP at 4 A.M. and at 5 A.M. switched to 10 hr. test. This was finished by 3 P.M. Then we ran test "K" & "J" finishing by 6:30 P.M. 14 1/2 hrs.

Friday May 13, 1955

Mr. Stone and Mr. Holloway called this A.M. Made final inspection of John Deere 60 LP to-day. Worked on computations. 8 hrs.

Saturday May 14, 1955

Carlton Zink of John Deere called this A.M. Finished up computations on John Deere 60 tractor this A.M. John Deere men left for home about 10 A.M. Howard Lamb of I.H.C. left this A.M. for Bassett. 5 hrs.

Monday May 16, 1955

The 4 Oliver tractors arrived this A.M. at 6:30. 4 representatives from Oliver came along. Started limber up on 2 tractors by 8:30 A.M. and ran all day. Started belt test on Oliver 66 Gas at 11 P.M.- ran all night. 12 hrs.

Tuesday May 17, 1955

Finished belt test on Oliver 66 Gas by 6 A.M. Started drawbar tests on Oliver 66 gas and prepared for 10 hr. test to-morrow. Prepared Oliver 77 diesel for belt test and started it at 4 P.M. - ran all night. 14 hrs.

Wednesday May 18, 1955

Finished belt test on Oliver 77 diesel by 2 A.M. Started 10 hour test at 4 A.M. and ran until 3 P.M. Changed tires and wheels and completed tests "J"&"K" on Oliver 66 gas to-day. 14 hrs.

Thursday May 19, 1955

Man from Massey-Harris-Ferguson called to-day. Started belt test on Oliver 77 gas to-night and ran all night. 10 hrs.

Friday May 20, 1955

Running belt test on Oliver 77 gasoline from midnight to 7:30 A.M.  
Started drawbar tests at 11 A.M. and finished all tests in "F" & "G".  
11 1/2 hrs

Saturday May 21, 1955

Had conference with John Sulek.  
Started at 5 A.M. and ran test "H" on Oliver 77 gasoline tractor.  
Finished by 5 P.M. 12 hrs.

Monday May 23, 1955

Ran max. gears on Oliver 77 diesel and prepared for test "H".  
Prepared 66 diesel for belt test and ran all night. 16 hrs.

Tuesday May 24, 1955

Finished belt test on Oliver 66 diesel by morning and started 10 hr.  
test on Oliver 77 diesel. 14 hrs.

Wednesday May 25, 1955

One man from Messer's and One from Chicago called.  
Rain prevented drawbar tests to-day and therefore we worked on  
test reports and inspection. 10 hrs.

Thursday May 26, 1955

Ran test "H" on Oliver 66 diesel. Began at 5 A.M. and ran all day.  
First we ran max. horsepower tests to determine test "H". 14 hrs.

Friday May 27, 1955

2 visitors were here from Kentucky.  
Joe Zellers from Oliver called to-day.  
Ran test on Oliver 66 Diesel finishing up all drawbar tests, "J" & "K"  
on 66 Diesel also 77 Diesel. Worked on reports.  
Oliver men left in the evening. 12 hrs.

Saturday May 28, 1955

Finished test reports on 4 Oliver tractors to-day and cleaned up  
in general. 14 hrs.

Monday May 30, 1955

Holiday - Memorial Day.

Tuesday May 31, 1955

3 groups of 4-H Club boys visited T. T. Lab. 98 boys altogether.  
Minn-Moline tractor arrived this A.M. and we started test "A" before  
company representative arrived. Mr. Reller arrived about 5 P.M.  
8 hrs.

Wednesday June 1, 1955

Started limber up test at 5 A.M. and finished by 4 P.M. Prepared  
tractor for belt run. Started belt run at 10:30 P.M. and finished  
by 7:30 Thurs. A.M. 8 hrs.

Thursday June 2, 1955

3 men, Olson, Meyer and Norby arrived about 4 P.M. from Dubuque. Finished belt run this morning and prepared tractor for drawbar test. We put liquid in tires and mounted all wheel weights for drawbar test while company representatives rested. 11 hrs.

Friday June 3, 1955

Started John Deere 40 Dist. on limber up to-day. Ran 10 hr. run on Minn.-Moline G tractor to-day. Started at 4 A.M. preparing test course and warm up. Finished at 5 P.M. 13 hrs.

Saturday June 4, 1955

Finished test "A" on John Deere tractor this A.M. Ran test "J" and all max. gears on Minn.-Moline "G" tractor this forenoon. We started warm up at 6 A.M. and finished last run at 12:30 7 1/2 hrs.

Monday June 6, 1955

Had finished limber up test and tractor was prepared for belt test but conditions not favorable. Prepared tractor for drawbar tests. 10 hrs.

Tuesday June 7, 1955

6 farmers from Waverly called for a visit at T.T. Lab. Working on reports, pictures, Etc. - conditions not favorable for testing due to rain and low barometer. Still waiting for M-M tractor to arrive. Prepared to run belt test to-night. Started at 8 P.M. and ran all night. 14 hrs.

Wednesday June 8, 1955

Minn.-Moline tractor arrived this noon. Ran belt test from midnight on and then repeated entire test again. Finished at 5 P.M. Then we ran 100% max. on drawbar and also 2nd. and 3rd. gear, test "G". 10 hrs.

Thursday June 9, 1955

Ran 10 hr. test on John Deere 40 S tractor to-day. Started at 5 A.M. and following test "H" we ran 1st. and 4th. gears - then we ran test "J" twice. Finished at 9 P.M. 16 hrs.

Friday June 10, 1955

Mr. Sjogren, formerly Chairman of Ag. Eng. Dept. called to-day. One farmer called. Put wheel weights on Minn.-Moline tractor this A.M. Worked on final write up on the John Deere 40 Dist. this forenoon. Completed inspection on John Deere tractor. Company representatives went home after lunch. Started Minn.-Moline GB Gas out at 8 P.M. and ran all night. 12 hrs.

Saturday June 11, 1955

Continued running test 547 from midnight on until 5 A.M. Shut down because we were losing power as barometer dropped. 5 hrs.

Monday June 13, 1955

Started test 547 again at 10 P.M. last night in an attempt to get a better test. Ran until 8 A.M. on the belt and then prepared for drawbartest. Ran all max. gears and prepared for 10 hr test. 10 hrs.



Tuesday June 14, 1955

3 men from Oliver arrived to start tests. 25 visitors from York came for visit here. Spent 1/2 hr. with these men. Started preparation for 10 hour test at 4 A.M. and by 5 A.M. we started test "H". After finishing test "H" we prepared for test "J"&"K" and finished at 6:30 P.M. Oliver men arrived to-day - unloaded tractors from cars and checked tractors. 8 hrs.

Wednesday June 15, 1955

Worked on calculations all forenoon - finishing test report on M-M tractor. Started the Oliver crawler tractors on test "A" at 6 A.M. - changed oil etc. and got under way by 7:30 12 hrs.

Thursday June 16, 1955

Rained this morning - unable to do any test work. Getting gasoline tractor ready for belt test. 8 hrs.

Friday June 17, 1955

Meeting with Mr. Hurlbut to-day. 2 hrs. Rained again to-day but finished limber up test on Diesel in the mud. Rerun test "J" on the M-M Propane tractor this evening. Plan to start belt test tonight. 8 hrs.

Saturday June 18, 1955

Two farmers called to-day. Started belt test on Oliver gasoline OC-12 at midnight. Finished at 12 noon to-day. 10 hrs.

Monday June 20, 1955

Began belt test on Oliver diesel at midnight and ran until 8 A.M., then started drawbar test on OC-12 gas and ran all gears to-day. Worked on computations all evening. 16 hrs.

Tuesday June 21, 1955

Began at 5 A.M. Ran max. gears on OC-12 gas and rechecked all gears again as throttle was not fully open. Prepared for 10 hr. test to-morrow. Worked in evening. Put water on test course. 14 hrs.

Wednesday June 22, 1955

Two men from Philippine Island came for visit. Started test course preparation this A.M. at 4:30 and by 7 A.M. we had 10 hr. test under way. Finished by 5 P.M. and went home at 6:30. Came back and watered test course this evening. 14 hrs.

Thursday June 23, 1955

One farmer called regarding a pumping engine. Started preparation of test course at 4:30 A.M. Started 10 hr. test at 8:45 A.M. - ran until 3 P.M. Rain came and stopped our test at 3:15. Shut down for the day. 12 hrs.

Friday June 24, 1955

Rained about 2 inches last night. Unable to do any test work to-day. Worked on test reports, calculations, etc. 8 hrs.

Saturday June 25, 1955

Started preparing test course at 8 A.M. and by noon we were able to start test. By 2:30 P.M. we could start 10 hour test. We finished balance of test by 6:30 P.M. 10 hrs.

Monday June 27, 1955

Began at 5 A.M.  
Prepared test course for test "F" & "G" in 1st. gear on both tractors. Re-ran 100% in 2nd. gear on diesel tractor. Worked all day and finished by 6 P.M. with much difficulty. 12 hrs.

Tuesday June 28, 1955

Started final inspection. Worked on test course. Finished final inspection, final report by 3 P.M. 8 hrs.

Wednesday June 29, 1955

Worked on test report 545, one that hadn't been finished. This was completed and sent to duplicating service. 8 hrs.

Thursday June 30, 1955

Worked on letters and balance of reports. Ran check on 300 Utility for demonstration for Tractor Field Day. Sent out over 24 letters to-day.

Friday July 1, 1955

Working on mail, reports. Conference with Sulek. Fixing up hitch for TD-24. 9 hrs.

Saturday July 2, 1955

Worked on letters, reports, etc. Conference with Steinbrugge this A.M. Worked with Sulek and Hank on cross road. 6 hrs.

Monday July 4, 1955

Worked in office 4 hrs. and getting ready for Tuesday. 4 hrs.

Tuesday July 5, 1955

Unloaded the A-C tractors that arrived here this A.M. Joe Flamm and Don Ward of Allis-Chalmers arrived here about 4 P.M. 8 hrs.

Wednesday July 6, 1955

Spent day getting A-C tractors ready for limber up. etc. Started the HD-21 on limber up test first. 10 hrs.

Thursday July 7, 1955

Finished up limber up on HD-21 and worked balance of day getting hitch ready. Continued limber up test. 10 hrs.

Friday July 8, 1955

Started running max gears on HD-21 and succeeded in having fairly good luck.

Saturday July 9, 1955

Started 10 hour test to-day early, finishing up in good time. 12hrs.

Monday July 11, 1955

Starting to run max. gears on HD-16 AC after considerable work  
on test course. 12 hrs.

Tuesday July 12, 1955

Finished running max. gears on HD-16 AC to-day. 14 hrs.

Wednesday July 13, 1955

Ran 10 hr test on HD-16 AC to-day. 13 hrs.

Thursday July 14, 1955

Ran low gear on HD-21 AC and prepared to run HD-16 AC on low gear  
to-morrow. 13 hrs.

Friday July 15, 1955

Getting ready for belt test on HD-16 A to-day. 8 hrs.

Saturday July 16, 1955

Ran entire belt test on HD-16 A and finished early. 8 hrs.

Monday July 18, 1955

Ran all max. gears on HD-16 A to-day. 12 hrs.

Tuesday July 19, 1955

Ran 10 hour test on HD-16 to-day, finishing last test work on  
AC tractors. 12 hrs.

Wednesday July 20, 1955

Spent to-day in preparation for Tractor Field Day. 10 hrs.

Thursday July 21, 1955

Tractor Field Day all day. Started at 4:00 A.M. and worked until  
evening. 3,500 farmers attended Field Day. 13 hrs.

Friday July 22, 1955

Cleaning up following Tractor Field Day. Took tractors back, etc.  
and helped get equipment returned. 10 hrs.

Saturday July 23, 1955

Cleaning up following Tractor Field day.  
Started getting D-2 ready by changing oil and installing tach.  
equipment. 10 hrs.

Monday July 25, 1955

Started limber-up test on Caterpillar D-2. Ran all day. 11 hrs.

Tuesday July 26, 1955

Finished limber-up test and prepared Caterpillar D-2 for drawbar  
test. Worked late to prepare test course for to-morrow. 12 hrs.

Wednesday July 27, 1955

Ran max. gear runs on Caterpillar D-2. Spent 4 hours of pre-  
paration before starting. 12 hrs.

Thursday July 28, 1955

Ran 10 hour test on Caterpillar D-2. Started at 6 A.M. and worked until 4 P.M. Made re-check of second gear early. 12 hrs.

Friday July 29, 1955

Ran belt test on D-2 Cat. to-day. 8 hrs.

Saturday July 30, 1955

Ran drawbar tests on Caterpillar D-4 to-day and cleaned up balance of day in preparation for the Russians. 8 hrs.

Monday August 1, 1955

Ran test in 1st., 2nd., 3rd., 4th. and 5th. to-day on D-4. Prepared for Russian visitors which used all forenoon. In afternoon we worked on calculations. Twelve Russians, one man from Iran, one man from Greece and thirty other spectators visited in A.M. 12 hrs.

Tuesday August 2, 1955

Began at 5:30 A.M. preparing D-4 for 10 hour test which we started at 6 A.M. Finished at 4 P.M. Ran test rechecked in 3rd. gear. Ted Haller called about A-C tractors to be released. 10 hrs.

Wednesday August 3, 1955

Planning hitch for D-6 and preparing D-4 for belt test. Had 2 foreign visitors. Spent evening with man from Greece. 12 hrs.

Thursday August 4, 1955

Started belt test on D-4 this A.M. 5:00, finished about noon. Truck came at 9 A.M. to pick up 4 Oliver tractors to return to Charles City.

Friday August 5, 1955

Making checks on Cat. D-6 for drawbar horsepower. Changed fuel pump setting twice. 10 hrs.

Saturday August 6, 1955

Worked all day making check runs on Cat. D-6 tractor with no good results. Mr. Candill came to pick up HD-16 A. 10 hrs.

Monday August 8, 1955

Nine Far East foreign correspondents visited here one hour. Started making checks in low gear. Spent 4 hrs. getting track ready Sunday night but still too dry. Worked on test course all day and tried again in evening. Still no good. Anderson of M.M. came to let us know Berniklau would pick up tractors. 16 hrs.

Tuesday August 9, 1955

Mr. Terry of Cornell visited Lab. to-day. Berniklau came to pick up M.-M. Propane tractor to-day. Made check in low gear again early to-day. Unable to get max. pull. Bladed off top of test course after lunch and got good results. Ran all other gears and readied for 10 hour test. 11 hrs.



Wednesday August 10, 1955

Ten foreign visitors spent 2 hrs. here.  
Started getting ready for 10 hr. test at 6 A.M. Ran all day  
finishing at 5 P.M. 11 hrs.

Thursday August 11, 1955

C and H Transportation trucker came for HD-21 to-day. It was  
trucked to Houston, Texas.  
Unhitched D-6 and prepared it for the belt test and cleaned up our  
equipment and started inspection of D-4. 10 hrs.

Friday August 12, 1955

Berniklau came for M-M tractor. Bud Fisher of International stopped  
this A.M. with family.  
Ran belt test on D-6 to-day and finished at 1:00 P.M. Finished  
inspection on D-4 and cleaned up balance of day. 11 hrs.

Saturday August 13, 1955

Finished final reports on Cat. D-2, D-4, and D-6 to-day.  
Ray Hahn worked on reports too. 5 hrs.

Monday August 15, 1955

Worked on reports, test course and servicing equipment.  
Went out to see surplus equipment at reformatory to-day.  
Met with Chas. Fowler regarding test course. 8 hrs.

Tuesday August 16, 1955

Worked at home all forenoon. Prepared for spring calobration after  
lunch. Greased and servided test car. 5 hrs.

Wednesday August 17, 1955

Went to Stadium again to purchase some surplus items. Continued  
with spring calibration during forenoon. Worked at home during P.M.  
4 hrs.

Thursday August 18, 1955

Worked at home this forenoon. After lunch made trial run on  
spring calibration and got everything to working right. 6 hrs.

Friday August 19, 1955

Conference with Mr. Sulek and Steinbruegge. Worked on spring  
calibration. Cleaning up and working on equipment. 8 hrs.

Saturday August 20, 1955

Mr. Banyard and Mr. Kipling arrived for a short visit this A.M.  
looking for their tractors.  
Mr. Campbell of Oliver at South Bend arrived at 11 P.M.  
Trucker came to pick up John Deere 50 LP tractor at 9 P.M. Helped  
him load.  
Finished spring calibration. 8 hrs.  
Worked 2 hrs in office Sunday.

Monday August 22, 1955

Mr. Campbell, Babcock, Morhes arrived for tests on Oliver tractors. Started limber-up on Oliver 99 this A.M. after adding wheel weights, etc. Ran until 6 P.M.  
Nuffield tractors leaving Port Huron to-day.- will not be here until Thursday. 11 hrs.

Tuesday August 23, 1955

Orthmann of Holdrege called this A.M.  
Took Englishmen for a trip into the country.  
Finished limber-up to-day and prepared for belt test. Ran until 4 P.M. and gave up - decided to try at 10 P.M. this evening.  
Started on schedule and started taking data at midnight. 11 hrs.

Wednesday August 24, 1955

Finished belt test at 6:30 A.M. after running from midnight. Then prepared tractor for drawbar test. By noon we were taking data but the heat was so high that we decided to shut down until tomorrow. 14 hrs.

Thursday August 25, 1955

Ran all maximum gears on Oliver 99 diesel - we started at 5 A.M. and ran until noon. After lunch we prepared for 10 hour test. 10 hrs.

Friday August 26, 1955

Nuffield tractors arrived at 9 A.M. to-day.  
Began test No. 556 "H" at 5 A.M. Ran all day and started to change wheels, etc. for test "J".  
Mr. Mason called from Caterpillar. Herman Johnson from Omaha called. 13 hrs.

Saturday August 27, 1955

Started English tractor on limber up test to-day. Ran test "J" & "K" on Oliver GM Diesel. 8 hrs.

Monday August 29, 1955

Prepared Nuffield diesel for belt test to-night. Opened Oliver GM for inspection. 12 hrs.

Tuesday August 30, 1955

Finished belt test on Nuffield diesel last night. Prepared it for drawbar test and ran all max. gears.  
Prepared Oliver diesel for belt test to-night. 12 hrs.

Wednesday August 31, 1955

Ran all gears on Oliver diesel to-day after finishing belt test on above tractor. 14 hrs.

Thursday September 1, 1955

Mr. Randt of Oliver came to-day.  
Finished 10 hr. test on Oliver diesel. 10 hrs.

Friday September 2, 1955

Ran "J"&"K" on the Oliver diesel and opened for inspection. Closed up the Oliver GM to-day. 11 hrs.

Saturday September 3, 1955

Finished up the final check and inspection of Oliver tractors. 6 hrs.

Monday September 5, 1955

Ran test "J"&"K" on diesel Nuffield and prepared Nuffield PM<sup>4</sup> gas. for belt test. 8 hrs.

Tuesday September 6, 1955

Started belt test on PM-4 last night - finished by 9 A.M. Prepared this tractor for drawbar test for to-morrow. 10 hrs.

Wednesday September 7, 1955

Ran all the gears on the PM-4 and prepared for 10 hr. test to-morrow. 10 hrs.

Thursday September 8, 1955

Nils Malander of Sweden called to-day.  
Ran 10 hour test on Nuffield PM-3, finishing up by 5 P.M. 11 hrs.

Friday September 9, 1955

Ran test "J"&"K" this A.M.  
Made final inspection of Nuffield tractor and tried to finish up most of test reports.  
Had both Englishmen and Swede over for dinner to-nite. 11 hrs.

Saturday September 10, 1955

Finished up last details of Nuffield test this A.M. before men from England left. Took them to airport at 2 P.M. 6 hrs.

Monday September 12, 1955

Delivered Caterpillar reports to Railway Commission.  
Worked on reports and mail all day. Ford tractors arrived after lunch.  
Talked to Steve Pickard in Detroit. Talked to Hautzenroeder in Detroit. John Schrunck called from Denver. 9 hrs.

Tuesday September 13, 1955

Cannon called from A.C. in Milwaukee.  
Eight men here from Ford now. Ford men spent all day checking their tractors and making adjustments. Worked in office. 8 hrs.

Wednesday September 14, 1955

W.M. Cook, Marvel-Schebler called to-day making a total of 9 men from Ford.  
Spent entire day working on Ford tractors making preliminary checks. 8 hrs.

Thursday September 15, 1955

Harry Steele of Novi governor called to-day making 10 men representing Ford tractors.  
Spent entire day checking Ford tractors.

Friday September 16, 1955

Spent entire day checking Ford tractors. 8 hrs.

Saturday September 17, 1955

Still no actual test work except finish limber-up on 640 tractor. 4 hrs.

Monday September 19, 1955

Three Turkish visitors spent entire day here.  
Unable to do any test work because of rain. 8 hrs.

Tuesday September 20, 1955

Cannon called again from Allis-Chalmers.  
Unable to do any test work due to rain. Worked in Lab. all day. 8 hrs.

Wednesday September 21, 1955

Prepared 640 tractor for belt test this P.M. and got everything in order. Started belt test at 10 P.M.  
Limbered up 860 for test. 10 hrs.

Thursday September 22, 1955

Mr. Sucov from Yugoslavia called for a visit. He returned for test this evening.  
Finished belt test on 640 this A.M. at 10. Began last night at 11 P.M.  
Went home to rest and returned to start 860 on belt at 10 P.M. 13 hrs.

Friday September 23, 1955

Finished belt test on 860 this A.M. at 9:30 - went home to rest and started 660 test at 9 P.M. and ran all night. 13 hrs.

Saturday September 24, 1955

Finished belt test on 660 tractor by 9 A.M.. 9 hrs.  
Worked in office Sunday evening 3 hrs.  
12 hrs.

Monday September 26, 1955

Rained off and on all day - Worked on correspondence, reports.  
Fixing parts on several small jobs. 8 hrs.

Tuesday September 27, 1955

Two farmers from North Dakota called to-day. One farmer from Western, Nebr. called to-day.  
Ran some errands in city and worked in office. 8 hrs.

Wednesday September 28, 1955

Had meeting at Milford Trade School. 60 attended. 4 hrs.  
Started working on test course to-day. Called Ford to arrange for test to-morrow.  
Talked to Cannon about test. Talked to Hautzenroeder. 12 hrs.

Thursday September 29, 1955

Ford men arrived late last night. Started test on 640 after lunch.  
Test course getting good - worked on it all day. 9 hrs.



Friday September 30, 1955

Ran all max. gears on Ford 640 to-day and test "J". Plan to get test "H" to-morrow. 10 hrs.

Saturday October 1, 1955

Ran test "H" on Ford 640. Sunday ran all max gears on 860 and made calculations so we could run test "H" on Monday.

Saturday 12 hrs.  
Sunday 9 hrs.

Monday October 3, 1955

Allis-Chalmers WD-45 arrived this noon.

Ran test "H" on Ford 860 and test "K" on Ford 640. Started at 5 A.M. and ran until 6 P.M. 13 hrs.

Tuesday October 4, 1955

Allis-Chalmers men arrived to-day.

Running max. gears on 660 to-day. Started limber up test on A-C WD-45. 12 hrs.

Wednesday October 5, 1955

Ran 10 hour test on 660. Finished limber up test on A-C WD-45 and prepared it for belt test. 12 hrs.

Thursday October 6, 1955

Unable to do any test work outside because of rain last night.

Worked on test reports and final inspection all day. Had dinner with Ford men to-night. Belt test to-night. 8 hrs.

Friday October 7, 1955

Ford men - Pickard and Forward left early this morning.

Worked on track all forenoon. Finished belt run on A-C WD-45 by 9 A.M. and started at midnight.

Rested 3 hours from 10 to 1 . Ran low gear and 3rd. gear on A-C WD-45 this evening. 16 hrs.

Saturday October 8, 1955

Ran 10 hour test on A.C. WD-45 Diesel. Started at 5 A.M. and finished at 4 P.M. Prepared tractor for test "F" & "G" in 2nd. and 4th. gear completing these runs by 6 P.M. Then ran test "K" of Ford as last test. 13 hrs.

Worked 4 hours in office Sunday. 4 hrs.  
17 hrs.

Monday October 10, 1955

Ferguson tractor arrived to-day. Started limber-up test.

Tried test on A.C. "J" & "K". Decided to re-run test "K" again to-morrow. 10 hrs.

Tuesday October 11, 1955

Two men from Turkey called. Two men from M-M . called also.

Talked to Jackson at J. I. Case about test. Getting ready for Ferguson belt test after finishing limber-up. Finished test "K" on A.C. and completed inspection. 10 hrs.

Wednesday October 12, 1955

N. B. Weyand of J. I. Case visited to-day. M. L. Jackson called from Racine.  
Started belt test early this morning and ran all day until 8 P.M.  
Case tractors coming next. Sat. 13 hrs.

Thursday October 13, 1955

Beginning frawbar tests on Ferguson TO-35. Mr. Cook and Steele left at noon to-day. Finished all max gears and prepared for 10 hour test to-morrow. 12 hrs.

Friday October 14, 1955

Case tractors arrived to-day.  
Started preparation for test "H" on Ferguson at 4:30 A.M.- Test started officially at 6 A.M. and finished at 4 P.M. Left for home at 5 P.M. 12 1/2 hrs.

Saturday October 15, 1955

Ran test "J" & "K" and opened tractor for inspection.  
Sunday worked 2 hours on mail and reports. 9 hrs.

Monday October 17, 1955

Began limber-up test on two Case tractors. Ran all day. Finished reports on previous tractors. 8 hrs.

Tuesday October 18, 1955

Finished up the test "A" of the two Case tractors. Prepared the diesel for belt test which we ran to-night. Finished at 4 A.M. Wed. 18 hrs.

Wednesday October 19, 1955

Finished belt test on Case diesel at 4 A.M. to-day. Rested until 10 A.M. and ran all max. gears. 10 hrs.

Thursday October 20, 1955

Two Ford men from Detroit stopped in to-day.  
Zenith carb. man called to-day.  
Started 10 hour test at 4:30 By 6 A.M. test was under way.  
Finished at 4 P.M. and left for home at 5 P.M. 12 hrs.

Friday October 21, 1955

Ran max gears over on Diesel tractor and gained over previous test. Ran low and 2nd. during P.M. with high slip. Started gas Case 400 on belt at 4 P.M.- ran all night. 18 hrs.

Saturday October 22, 1955

Ran balance of belt test on Case 400 gas tractor - finished at 8:30. Then we ran max. gear (100%) on test course. 12 hrs.

Monday October 24, 1955

Candee of John Deere called to-day.  
Ran 10 hour test on Case 400 gas. Started preparation at 5:30 and got under way at 6:30 - finished at 4:30 - left for home at 5:30. 12 hrs.

Tuesday October 25, 1955

Ran all max. gears on Case 400 gas. tractor and started inspection of 400 diesel.  
Worked on reports. 8 hrs.

Wednesday October 26, 1955

Glenn Johnson of Kansas called to-day. Candee called also.  
Ran test "J"&"K" to-day and finished all calculations on test reports. 8 hrs.

Thursday October 27, 1955

Finished inspection of two Case tractors this A.M. Case men left for Racine at noon. John Deere 80 arrived at 5:30 P.M. We unloaded and changed oil. 10 hrs.

Friday October 28, 1955

Carl Reller, Glenn Johnson of Kansas, Pfundstein of E+hyll Corp. called to-day.  
Started limber-up test on John Deere 80 this morning at 6 A.M.  
Starting belt test at 8 P.M. and running all night. 12 hrs.

Saturday October 29, 1955

Ran all gears and 10 hour test to-day - finishing up all test work except test "J"&"K". 12 hrs.

Monday October 31, 1955

Ran test "J"&"K" and prepared tractor for inspection.  
Candee and one other John Deere man left this P.M. 8 hrs.

Tuesday November 1, 1955

Finished up John Deere 80 to-day. John Deere men left at noon. 8 hrs.

Wednesday November 2, 1955

Started Minn-Moline GBD on limber-up test to-day. Helped Carl Reller with this test. 12 hrs.

Thursday November 3, 1955

Ran belt test on Minn.-Moline GBD. 9 hrs.

Friday November 4, 1955

Two Turkish visitors here to-day.  
Ran all max. gears and test "J". Broke rear wheel on test car which delayed us about 3 hours. 8 hrs.

Saturday November 5, 1955

Three farmers called to-day.  
We ran 10 hour test. Started at 5:30 and were underway at 6:30 A.M.  
Finished on schedule. 12 hrs.  
Worked in office Sunday. 2 hrs.

Monday November 7, 1955

N. B. Weyand called to-day. Twelve Turkish visitors called.  
Started the two Ford tricycle tractors out on limber-up test. 8 hrs.

Tuesday November 8, 1955

Finished limber-up and ran belt test to-night.- ran all night. 15 hrs.

Wednesday November 9, 1955

Finished belt test this A.M. and prepared 740 for belt test to-night.  
Ran all night. 18 hrs.

Thursday November 10, 1955

Ran gears on 960 after finishing belt test on 740 this A.M. - prepared  
for 10 hour test to-morrow. 15 hrs.

Friday November 11, 1955

Ran 10 hour test on 960 to-day. Began at 5:30 and ran all day.  
After 10 hour test we ran 100% on 740. 15 hrs.

Saturday November 12, 1955

Ran 10 hour test on 740 to-day. Began at 6 A.M. - finished at 6 P.M.  
Steve and Dell left to-night. 12 hrs.

Monday November 14, 1955

Ran check on tractor tire buckling for George Steinbruegge and  
finished running all gears on Ford 740 to-day. 9 hrs.

Tuesday November 15, 1955

Finished last test on Ford tricycle - had final inspection and  
loaded tractors out to-day. 10 hrs.

Wednesday November 16, 1955

Cleaned up following last test. Finished last paper work to-day.  
8 hrs.

Thursday November 17, 1955

Moved Nuffield tractor to Rock Island. Hauled all tractor tires  
and wheel weights also. Moved grader and junk to sale place. 8 hrs.

Friday November 18, 1955

Took Mr. Fillippi to see Caterpillar Tractor Company, Ford,  
Allis-Chalmers dealer to-day.  
Worked balance of day in office. 8 hrs.

Saturday November 19, 1955

One farmer called to get reports.  
Worked on correspondence all forenoon. Attended football game in  
P.M. Had dinner at Lone Oak Club for Fred Fillippi.  
Correspondence 4 hrs. 8 hrs.

Monday November 21, 1955

George Downes called to-day. Spilker of M.-H. Dealer called.  
Worked on correspondence. Prepared for meeting at Tecumseh this  
evening. Left here about 2 P.M. and drove to Tecumseh and set up  
for meeting. About 65 farmers attended the meeting.

Tuesday November 22, 1955

Went to Milford to visit Trade school to-day. Cleaning up in  
general and working on mail. 8 hrs.



Wednesday November 23, 1955

Worked in office .

8 hrs.

Thursday November 24, 1955

Holiday - Thanksgiving

Friday November 25, 1955

Out of town all day.

Saturday November 26, 1955

Out of town during Thanksgiving.

Monday November 28, 1955

Tractor Field Day committee had meeting.

Prepared for meeting at Villisca to-night. Worked on correspondence.

Left for Villisca at 3 P.M. returning at 3 A.M. Tues. About 75

farmers attended the meeting

18 hrs.

Tuesday November 29, 1955

Worked in office all day. Jackson of J. I. Case called regarding the test tractors.

8 hrs.

Wednesday November 30, 1955

Two men from Israel called for visit to-day.

Worked on church records to-day.

Took summary sheet over to Mr. Graham to-day.

Thursday December 1, 1955

Mr. Fava from Argentina called to-day. Man from State Hi-way called. Man from Super Mfg. Co. called.

Worked on church records . Shipped out the two Case tractors.

Cleaned up the Oliver 99 tractors - getting them ready to ship. 8 hrs.

Friday December 2, 1955

Worked in office all day.

8 hrs.

Saturday December 3, 1955

Prepared for meeting in Iowa for next Monday.

4 hrs.

Monday December 5, 1955

Left early Monday morning for Mingo, Iowa. Spent some time in Des Moines and then went to Newton to visit the Maytag Co. About

50 farmers attended meeting. Returned home by Tuesday A.M. 18 hrs.

Tuesday December 6, 1955

Stayed home and rested all forenoon. Worked on correspondence during P.M.

4 hrs.

Wednesday December 7, 1955

Eight visitors to-day. Cleaning up laboratory in general.

Worked balance of day in office.

8 hrs.

Thursday December 8, 1955

Moved the TD-24 tractor inside for winter cover storage. This was quite a job as the TD-24 wouldn't steer. Spent all day doing this.  
8 hrs.

Friday December 9, 1955

Re-arranged all tractors and moved all inside for winter storage. Spent balance of time in office.  
8 hrs.

Saturday December 10, 1955

Worked in office all forenoon.  
4 hrs.

Monday December 12, 1955

Drove from Lincoln to Spencer and then to Rossie for meeting about Tractor Test. About 100 farmers attended.  
12 hrs.

Tuesday December 13, 1955

Drove from Spencer to Brookings, So. Dakota and all evening. Visited So. Dakota State College.  
8 hrs.

Wednesday December 14, 1955

Returned to Spencer this A.M. Discussed Tractor Test at Ruthven this evening. Very stormy day and evening. Only 15 farmers came.  
8 hrs.

Thursday December 15, 1955

Returned from Spencer this A.M. and spent balance of day in office. Class of 15 visited in laboratory for short time.  
8 hrs.

Friday December 16, 1955

Worked in office on annual report and correspondence all day. 8 hrs.

Saturday December 17, 1955

Took forenoon off.

Monday December 19, 1955

Staff meeting and meeting of Test Board to discuss plans for Tractor Test course. Left for Mondami at 4 P.M. - returned by 2 A.M. Tues A.M. 16 hrs.

Tuesday December 20, 1955

Rested Tuesday forenoon following meeting. Worked in office all P.M.  
4 hrs.

Wednesday December 21, 1955

Preparing for Xmas. Working in office most of day. 6 hrs.

Thursday December 22, 1955

Worked in office most of day. Took brake shoes to Messer's - got order, etc.  
8 hrs.

Friday December 23, 1955

Called on Hoskins Engineer firm about test course this A.M. and office work.

Holiday in P.M.

4 hrs.

Saturday December 24, 1955

Holiday.

Monday December 26, 1955

Holiday.

Tuesday December 27, 1955

Worked in office, went to city, working on test car.

8 hrs.

Wednesday December 28, 1955

Worked in office all day.

8 hrs.

Thursday December 29, 1955

Preparing for holiday season. Mailed letters to friends overseas. 8 hrs.

Friday December 30, 1955

Holiday.

Saturday December 31, 1955

Holiday.

# SUMMARY OF TRACTOR TESTING ACTIVITY, 1955

	Days	hours
1. 112 Foreign visitors		
2. 3898 Farm visitors		
3. 191 Commercial visitors		
4. Time spent as follows with visitors		
(1) Time with Foreigners	(10 days)	83
(2) Time with farmers	( 8 days)	67
(3) Time with Commercial visitors	( 8 days)	69
5. Time spent correspondence	30	243
6. Reports and calculations	30	233
7. Actual test work	100	820
8. Shop work	8	60
9. Time with Graduate students	2	16
10. 4-H Tractor Club	3	22
11. Preparation for meetings	7	54
12. Time travel to and from meetings	14	114
13. Hours conference	14	114
14. Hours Tractor Field Day	7	54
15. Vacation	23	180
16. Preparing for test	23	174
17. Illness	2	16

## Participated in the following meetings

	Attendance
January 4-H Tractor club in Lincoln	64
Kansas State College	75
April Milford Trade School	60
June Veterans at Tecumseh	60
December Villesca, Ia Vet Group	75
Mingo, Iowa Vet Group	50
Spencer, Iowa	100
Ruthven, Iowa	15
Mondamin, Iowa	50
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Sunday January 1, 1956

Attended church and since I did not feel good spent the P.M. in bed. Felt much better by evening. Visited my mother in evening and watched T.V..

Monday January 2, 1956

Spent all day working on Cannon's trailer. Finished it completely - paint and all. Visited my mother's in evening and watched T.V. New Years Holiday.

Tuesday January 3, 1956

Met with Prof. Hurlbut's class this morning. About 50 men were present at 11:00 A.M. Harlan Cooper called this P.M. and spent about 2 hours here. Man from American Mfg. Co. called about motor grader. Sent out 12 letters to-day. 8 hrs.

Wednesday January 4, 1956

Checking proof on summary sheet this forenoon. Went to Omaha this afternoon to see about motor grader, etc. Getting estimate for making hydraulic cylinder of large diameter. One American \$1250, one A.C. \$2,000 10 hrs.

Thursday January 5, 1956

Prepared for meeting. Meeting with Hurlbut's class at 11:00 A.M. Checking summary sheet proof this P.M. Mr. Logan of Ford, farmer and Mr. Warner of O'Shea Rogers called this afternoon and spent 3 hours here. Worked on chart for Kansas meeting this P.M. 8 hrs.

Friday January 6, 1956

Checking proof for summary sheet. Mr. Logan from Ford Farmer spent 3 hours here. Worked on chart for Kansas meeting this P.M. 8 hrs.

Saturday January 7, 1956

Worked on chart for Kansas meeting this forenoon. 4 hrs.

Sunday January 8, 1956

Spent day at home.

Monday January 9, 1956

Took charts to photo lab. this A.M. for printing. Staff meeting at 11A.M. Took John Deere "R" out to Kinseys for paint. Worked on brakes and tried test car out side. Called Carlton Zink about calculators. Talked to Ray Bowers about Cub Low Boy. 8 hrs.

Tuesday January 10, 1956

Prepared 5 letters for mailing to-day. Worked in shop all A.M. Went to city during P.M. 8 hrs.

Wednesday January 11, 1956

Wrote to Prof. Smith, Sarcinelli and Abou Sabe. Mr. Berquist of Lincoln Equipment Co. called to-day regarding a motor grader.

Took my car to town to get wheels aligned for Kansas trip.

Called Lynn Meyers about a sweeper. Checked with Graham again about summary sheet. 8 hrs.

Thursday January 12, 1956

Went to Beatrice to see motor grader that Hi-Way has for sale.

Returned by 11:30 and then prepared for picture taking.

Warner from O'Shea Rogers came with a photographer and spent all afternoon taking photos, etc. 8 hrs.

Friday January 13, 1956

Called on Lynn Meyers at City Eng. Dept. regarding sweepers for our test course. He suggested we talk to Putney and also O'Shea Rogers Co.

Went to photo lab. to see about chart for Monday meeting.

Called Carlton Zink regarding slide rules. Had lunch with Dick Putney. 8 hrs.

Saturday January 14, 1956

Getting ready to go to Kansas meeting. Working on talk, chart and materials. 6 hrs.

Sunday January 15, 1956

Loaded up car and got all ready to leave early Monday. A.M. 2 hr.

Monday January 16, 1956

Left at 7 A.M. for Manhattan. Took Mr. Suleyman along. Arrived at 11 A.M. Arranged for my part in program this afternoon and set up exhibit. Attended banquet this evening. This is L.P.G. school. 10 hrs.

Tuesday January 17, 1956

Went to L.P.G. meeting place and had all slides, charts, etc. all ready to go before 8 o'clock. About 140 people attended the meeting. Gave out 200 charts and 150 slide rules.

Wednesday January 18, 1956

Attended L.P.G. meeting this A.M. and sat in on a panel to answer questions about L.P.G. Returned to Lincoln by 5 P.M. 8 hrs.

Thursday January 19, 1956

Went to stadium to get pictures and to order distilled water and thermometers.

Started work on bull grader for TD-24 crawler tractor.

Peter Bogumill, Field Engineer Development & Research Dept. was here to help mount bull grader.

Friday January 20, 1956

Worked in office all day. Visitor from Journal Stockman called about story of Tractor Test. Worked on mail. Went to west stadium to get Summary Sheet.

Saturday January 21, 1956

Worked all day on summary sheet checking so it could be returned Monday morning. 8 hrs.

Sunday January 22, 1956

Worked in office 3 hours on mail and getting ready for meeting Monday night. 3 hrs.

Monday January 23, 1956

Checked summary sheet for last time. Tractor Field Day committee meeting. 2 hrs. Preparing to get summary sheet started. - Finished at 2 P.M. Mr. Popt and Ass't called at lab. at 2 P.M. Left for Palmer at 3 P.M. Gave meeting at Palmer for 40 men. Returned home by 3 A.M. Tuesday. 18 hours.

Tuesday January 24, 1956

Finished mounting bull grader on TD-24 this A.M. Tried it out in P.M. Worked in office during afternoon on budget. Had meeting with Mr. Hurlbut from 4 to 5 P.M. Took Peter Bogumill out to dinner this evening after he had helped us mount bull grader. 8 hrs.

Wednesday January 25, 1956

Went to Beatrice early this A.M. to get motor grader. Brought it back by noon. Went down to get some summary sheets. Mr. Simonsen and son came from Quimby, Iowa for a visit regarding L.P.G. this P.M. 8 hrs.

Thursday January 26, 1956

Working on motor grader and tractors for final storage. Prepared for demonstration to show Animal Husbandry group Tractor Test Laboratory this P.M. About 50 visitors came. 8 hrs.

Friday January 27, 1956

Went to Omaha to call on American Equipment Co. regarding hydraulic cylinder. Called at Caterpillar Equip. Co., Massey-Harris and Minn. Moline. Stopped to see Glesman Impl. Co. at Papillion. Sent out a large number of summary sheets to-day. 8 hrs

Saturday January 28, 1956

Working in office all forenoon and P.M. 8 hrs.

Sunday January 29, 1956

Stayed home all day Sunday.

Monday January 30, 1956

Tractor Field Day committee meeting this morning until 10:30. Group of eleven Voc. Ag. men and their instructor called this P.M. at 1:00 to see tractor test. One farmer called. Worked in office 3 hours this evening.

Tuesday January 31, 1956

Worked on slides for meeting March 7th. for ASAE, 2 hrs. Went to city to get tractor parts, Railway commission. Called on James Ramsey and Guy Henninger about Tractor Field Day. 8 hrs.

Wednesday February 1, 1956

Worked in office all A.M. Mr. Tolin of J. I. Case called at 11:00 A.M. and stayed until 2 P.M.  
Royce Hendrix called this afternoon to discuss L.P.G. for tractors. Worked on tractors and loaned the motor grader to campus upkeep . 8 hrs.

Thursday February 2, 1956

Worked in office on mail and reports all forenoon. Talked to Merlin Hansen about test course. Wrote letters to several foreign correspondents this P.M. 8 hrs.

Friday February 3, 1956

Went to see Harry Vincent about Lab. remodeling. Talked to Ingram about refrigerator.  
Worked on motor grader. Received delivery of parts needed to connect our dynamometer to-gether.  
Worked all afternoon on records. 8 hrs.

Saturday February 4, 1956

Worked on church records all forenoon.

Sunday February 5, 1956

Had M. Y. F. Executive meeting at our house this P.M.

Monday February 8, 1956

Had Tractor Field Day committee meeting this forenoon.  
Brockmier of I.H.C. brought applications for 5 test tractors.  
Worked on correspondence and reports balance of day. 8 hrs.

Tuesday February 7, 1956

Working on I-4 and motor grader. This P.M. Alvin did blading with bull dozer for campus upkeep about 4 hours.  
2 farmers from Marquette called to-day.  
Worked on correspondence balance of time. 8 hrs.

Wednesday February 8, 1956

John Crouse called to-day and wants to start working here 2-16-56. Bruce Johnson started working here this P.M.  
Went to Kinsey's to get Case tractor. Two farmers called.

Thursday February 9, 1956

Bob Ramig called this morning regarding tractors for North Platte Experimental farm. Three boys called about tractors. Had meeting with F. D. Yung about milk testing.

Friday February 10, 1956

Worked in office part of morning. Called on Dr. Downs regarding milk cooler tests that may be made. Went to Chemistry stores to order hygrometer and calcium chloride. 3 farmers called. 8 hrs.

Saturday February 11, 1956

Worked in office all day on mail. Meeting with Mr. Hurlbut this A.M. about milk coolers.  
Talked to Oliver at Charles City about exchanging 88 for load unit. One farmer called to-day. 8 hrs.



Sunday February 12, 1956

Monday February 13, 1956

Spent all forenoon in office. Two hour meeting of Tractor Field Day committee. Only worked one hour this P.M. and stayed home balance of day. 5 hrs.

Tuesday February 14, 1956

Al and I spent all day going over Lab. and organizing all the work that needs to be done before test season begins. One farmer called this P.M. 1 hr. 8 hrs.

Wednesday February 15, 1956

Working in office all A.M. Getting ready for trip this week end. 8 hrs.

Thursday February 16, 1956

Red Lane called this A.M. Geo. Downes called. Worked on correspondence. Worked on test car and planning trip to Mich. Improving test car equipment. 8 hrs.

Friday February 17, 1956

Staff meeting at 11:00 A.M. Improving test car Hitch, Tach. Etc. 8 hrs.

Saturday February 18, 1956

Preparing to leave for Michigan. Left Lincoln at 3 P.M. and drove to Moline, Ill. by midnight. 4 1/2 hrs.

Sunday February 19, 1956

Drove from Moline to Joliet. Then on to Battle Creek, Mich. Stayed over Sunday night. Planned to visit Kelloggs Mon. A.M.

Monday February 20, 1956

Visited Kelloggs plant at Battle Creek. Drove to East Lansing arriving there about noon. Learned of my mothers death from Mr. McColley. Started for home at once.

Tuesday February 21, 1956

Arrived in Lincoln by 9 A.M. after leaving East Lansing Mon. P.M. Spent balance of day at home and making arrangements for my mothers funeral. 4 visitors from Missouri.

Wednesday February 22, 1956

Vacation time began to-day. Had my mothers funeral at 3:30 P.M.

Thursday February 23, 1956

Left Lincoln early to-day for Plainview where my mother was buried to-day. Returned to Lincoln this evening.

Friday February 24, 1956

Spent day in Lincoln.

Saturday February 25, 1956

End of vacation. 2 visitors spent 2 hrs. here today.

Sunday February 26, 1956

Spent day at home.

Monday February 27, 1956

Went to city to get Cal. Chlor. this A.M. John Sulek came over to get some books. Answered letters etc. 8 hrs.

Tuesday February 28, 1956

5 farmers called to-day to discuss fuels and test results. Filled rear tires of motor grader this P.M. Geo. Downes of Standard Oil called about fuel tanks to-day. 8 hrs.

Wednesday February 29, 1956

Vern Jones brought about 30 men here from Wayne county for a short visit at test lab. Spent 2 hrs. here. Johnson from S.C.S. called this P.M. Spent balance of day in laboratory. Used test car on test course and tried it out completely. 8 hrs.

Thursday March 1, 1956

4 farmers called to-day. Worked on correspondence all day. 8 hrs.

Friday March 2, 1956

Called on Skel Gas Company at 1320 Q street to see about obtaining gas and tank. Refrigerator arrived to-day. Worked in Laboratory all day. 8 hrs.

Saturday March 3, 1956

Group of veterans are expected here at 9:30 to-day. Working in Laboratory all day. 18 farmers from Hebron came for visit. 4 hrs.

Sunday March 4, 1956

Worked on church statements all afternoon.

Monday March 5, 1956

Worked in office all day. Had 4 visitors who came to see Tractor test to-day. Ron Feller from Israel came and spent entire day here. Helped him find hotel and showed him the city. 8 hrs.

Tuesday March 6, 1956

Ron Feller from Israel came for visit. Spent nearly all day here. Showed him how the tests were made by demonstration. Prepared for demonstration at 11:00 A.M. so a group from Tekamah could see Tractor Test. They did not show up. Ordered some parts from Ford and stores. 8 hrs.

Wednesday March 7, 1956

Preparing for ASAE meeting to-night. Went to Omaha with Mr. Hurlbut and called on Oliver, Eaton, J.I. Case, Allis-Chalmers and John Deere. Meeting for student Branch group at 7:30. About 25 attended. 8 hrs.

Thursday March 8, 1956

Worked in office all forenoon. Went to city during afternoon to order parts for test car. Three farmers called this forenoon to discuss tractor test. 8 hrs.

Friday March 9, 1956

Had conference with Red Lane about Tractor Test. Worked in office on correspondence. Putting new brake drums and brakes on test car. 8 hrs.

Saturday March 10, 1956

Worked in office all Saturday forenoon. 8 hrs.

Sunday March 11, 1956

Spent day at home.

Monday March 12, 1956

Worked on recording device in test car and preparing for spring calibration. 8 hrs.

Tuesday March 13, 1956

Made two trips to city for parts that had been ordered. 8 hrs.

Wednesday March 14, 1956

Worked in office all day. About 40 students from Mr. Brunigs class came to test lab. for demonstration. We spent much time preparing for demonstration and bringing equipment in. 8 hrs.

Thursday March 15, 1956

Made trip to Omaha and called on Fairbank scale Co., John Deere, and Oliver. The main purpose of trip was to take scale to Fairbanks for repair.

Friday March 16, 1956

Spent entire day at home visiting with my Nephew Duane.

Saturday March 17, 1956

Worked on correspondence and mail all day. 8 hrs.

Sunday March 18, 1956

Spent entire day at home.

Monday March 19, 1956

Started calibrating springs for test car. Worked on this all forenoon. Eleven foreign visitors called at Lab. this P.M. They were escorted by Mr. Miller of Geneva a member of the Grange in Fillmore county. 8 hrs.

Tuesday March 20, 1956

Replaced indicator in test car during forenoon. After lunch we calibrated 4 springs and checked results. One farmer called this P.M. 8 hrs.

Wednesday March 21, 1956

Worked on spring calibration all day. 8 hrs.

Thursday March 22, 1956

Worked on spring calibration all day. Geo. Downes of Standard Oil called to-day. Man from Standard Time Co. called this P.M. regarding tachometers. 8 hrs.

Friday March 23, 1956

Worked on spring calibration all day - having difficulty with Indicator. 8 hrs.

Saturday March 24, 1956

Calibrated springs but unable to get good results. Worked on indicator mounting and cylinder the balance of day. 8 hrs.

Sunday March 25, 1956

Stayed home all day.

Monday March 26, 1956

Calibrated springs all forenoon. Two men from Peru called and spent all afternoon visiting test lab. 8 hrs.

Tuesday March 27, 1956

Calibrated springs all forenoon and went to Omaha during the afternoon. Obtained scale that had been sent to Fairbanks scale Co. for repair. 10 hrs.

Wednesday March 28, 1956

Calibrated springs all forenoon. Worked on scale and correspondence during afternoon. One farmer called for test information. 10 hrs.

Thursday March 29, 1956

Started work at 6 A.M. and dismantled the dynamometer. Worked on this all day.  
Had 23 visitors this A.M. Brought I-4 tractor back. Worked three hours in office this evening. 12 hrs.

Friday March 30, 1956

Worked on dynamometer all day. 8 hrs.

Saturday March 31, 1956

Calibrating springs all forenoon. 4 hrs.

Sunday April 1, 1956

Holiday.

Monday April 2, 1956

Spent forenoon calibrating springs. Started work on dynamometer, greasing bearings and balancing. 8 hrs.

Tuesday April 3, 1956

Worked on dynamometer calibration all day. Three farmers called about test reports. 8 hrs.



Wednesday April 4, 1956

Assembled both dynamometers and installed flexible coupling between them and operated both machines. Two visitors to-day.  
Helped move tractors for Voc. Ag. contest. 8 hrs.

Thursday April 5, 1956

Mr. Fleming of Publicity came in to write story on Tractor Test.  
Mr. Sinkey of Skelly Oil Co. called about LP Gas.  
185 Voc. Ag. students visited laboratory. 3 business calls. 8 hrs

Friday April 6, 1956

Worked in office all day. Ed. Hahn called for visit about test results. Geo. Downes called also. 8 hrs.

Saturday April 7, 1956

Went to Omaha taking three young men from Virginia to airport.  
Took Dan too. Returned about 10:30 A.M. Worked on my car balance of day.

Sunday April 8, 1956

Spent day at home.

Monday April 9, 1956

Started re-calibration of spring at 6 A.M. Finished all springs by noon. Spent balance of day in office. Meeting with Bill Lutz and Red Lane. 8 hrs.

Tuesday April 10, 1956

Checking all springs that had been used in test car. Gathered enough material for tire skid so Mr. Wendorf could use.  
Two visitors. 9 hrs.

Wednesday April 11, 1956

Ran all the indicator springs over again and had them re-calibrated.  
Helped fill in dirt over gas main. Moved cinders so work could continue on grading. 9 hrs.

Thursday April 12, 1956

Worked in shop all day. Typing up the calibrations of the springs for test car.

Friday April 13, 1956

Called at Railway Commission - No one in. Took parts to Messers for repair. Took hydraulic cylinder from test car and opened, cleaned and replaced on test car. Three visitors. 9 hrs.

Saturday April 14, 1956

Went to Rail-way Commission to see about wire. Then to Messers to pick up parts for test car. Also Mr. Dreezen of stores Dept. One visitor. 4 hrs.

Sunday April 15, 1956

Spent day at home.

Monday April 16, 1956

Worked in office all forenoon. Checked on broom for sweeper.  
Had two visitors here for two hours. Started connection between  
dynamometers to-day. 8 hrs.

Tuesday April 17, 1956

Took pictures for Heroe on his tire deflection problem. Helped  
him quite a little to-day.  
Tractor Test Board meeting for three hours. 8 hrs.

Wednesday April 18, 1956

Working on dynamometer connection. Moved tires to shed and  
straightened up in general. Three visitors called. 8 hrs.

Thursday April 19, Feeders Day to-morrow. Worked all day in getting  
everything ready for display and exhibit. Finished making guard  
for dynamometer connection. Cleaned up in general. Painted  
fuel tanks. 8 hrs.

Friday April 20, 1956

Feeders Day. About 600 farmers visited the Lab. Two organized  
groups called and were given special trip about lab. 10 hrs.

Saturday April 21, 1956

Spent all forenoon and most of P.M. at Lab. Helping contractors  
on the job. 6 hrs.

Sunday April 22, 1956

Spent 4 hours at test lab. helping contractors. 4 hrs.

Monday April 23, 1956

Worked in office all forenoon. One farmer called this A.M.  
Working on hitch and test car. Started to change tires on I-4  
tractor and worked until 5:30 P.M. 8 hrs.

Tuesday April 24, 1956

Finished mounting tires on I-4. Went to City campus to get Cal.  
Chlor. and new hub for test car. Finished test car completely  
and ready for trial run. Brought Case tractor from shed and  
mounted wheels on it. Called Dean and had meeting with L.W.H.  
9 hrs.

Wednesday April 25, 1956

Called on Dean at 9:00 A.M. about material from Mr. Clair.  
Went to see Clarke Jeary, Lincoln mayor and got his signature  
and seal. Worked in office all P.M.  
Three farmers called for visit. 8 hrs.

Thursday April 26, 1956

Called on John Sellock to get seal for certificate. Called at  
Railway Commission and purchasing Dept. Went to stadium.  
Took test car and equipment to city campus for "E" week display.  
Called on Skelly Oil Co. regarding propane. Worked in office  
the rest of the day. Three farmers visited here to-day. 8 hrs.

Friday April 27, 1956

Made trip to purchasing dept. to order tires, wheels, fan, etc.  
Worked in office balance of day. 8 hrs.

Saturday April 28, 1956

Spent the entire day rearranging our office and files.  
Dan Kitchen called this A.M. and I took him to the train  
following a short meeting. 10 hrs.

Sunday April 29, 1956

Worked three hours in office. 3 hrs.

Monday April 30, 1956

Three foreign visitors called here to-day. Poured first concrete  
for test course to-day. Worked in office about 4 hours. Arranged  
for Reformatory to move pipes for Ag. Eng. Dept. next Wed. 8 hrs.

Tuesday May 1, 1956

Working in office until Cliff Hinkle, McNair and Geo. Downes  
arrived. Spent at least 2 hrs. here. Carlton Zink called this  
P.M. Worked in lab. balance of day. 8 hrs.

Wednesday May 2, 1956

Had Tractor Field Day committee meeting here.- 3 hrs.  
Mrs. Patterson at Publicity called for story on Tractor Test for  
one hour. Correspondence and office work balance of day. 8 hrs.

Thursday May 3, 1956

Worked in office in forenoon. Ten students and one instructor  
from Union College visited here 3 hours this P.M. Had demon-  
stration of Tractor Testing. 8 hrs.

Friday May 4, 1956

Cleaning up and preparing for visitors coming to-morrow.  
International tractors arrived in Lincoln to-day. Fisher called  
from Chicago. 8 hrs.

Saturday May 5, 1956

Entertained 12 men from South Dakota State College at T.T. Lab.  
and also Ag. Eng. Dept. Had lunch with them. 5 hrs.

Sunday May 6, 1956

Spent entire day away from test lab.

Monday May 7, 1956

Arranged for propane tanks. Unloaded the new International  
tractors. Dick Coleman and Bob Swallow, Harold Surface arrived.  
Started 400 Farmall on limber up test.  
15 Editors etc. called after lunch for visit.

Tuesday May 8, 1956

Started limber up test at 6 A.M. Made recording for 3 different  
farm Editors. Working on trailer hitch. Man from Iran spent all  
forenoon here. Two men from Conoco called to-day. 3 men from  
Skelly Oil were here. 8 hrs.

Wednesday May 9, 1956

Continuing limber up test on International tractors. Getting more propane fuel. 8 hrs.

Thursday May 10, 1956

Continuing to limber up International tractors and getting things ready for drawbar test demonstration for to-morrow. 8 hrs.

Friday May 11, 1956

Geo. Larson from Kansas State College brought 13 Ag. Eng. students here for a visit at tractor test Lab. They were here all forenoon and most of afternoon. 10 hrs.

Saturday May 12, 1956

Entertained a group of 15 students from North Dakota State College this forenoon. 4 hrs.

Sunday May 13, 1956

Started belt test on Farmall 400 LPG at 10 P.M. Ran all night. 2 hrs.

Monday May 14, 1956

Finished belt test at 9:00 A.M. Shut down for balance of day. At 10 P.M. we started W-400 tractor on belt test and ran all night. Entertained about 25 A.S.M.E. men for 2 hrs. at T.T. Lab. this evening. 14 hrs.

Tuesday May 15, 1956

Finished belt test on W-400 LPG by 9:30 A.M. Rested most of balance of day and started test on Farmall 300 LPG at 10 P.M. Cub and Utility tractors arrived to-day. 12 hrs.

Wednesday May 16, 1956

Finished farmall 300 LPG by 9 A.M. Rested balance of day and at 9:30 P.M. started belt test on Utility 300. 12 hrs.

Thursday May 17, 1956

Finished test on Utility 300 by 9:30 to-day. Rested balance of day. Went out to reformatory to get a lift fork but could not drive it. Merlin Hansen called about ASAE test code. 13 hrs.

Friday May 18, 1956

Getting all tractors ready for drawbar tests. Putting wheel weights etc. on. Started limber up on Cub. tractor. Took Ford tractor to dealer so a sweeper could be mounted. Fundstein called from Detroit, Coming Monday. 8 hrs.

Saturday May 19, 1956

Went to office at 6 A.M. and worked on reports until 8:30. Left for the country farm at Plainview and visited friends and relatives there all day. Brought sweeper back. 2 hrs.

Sunday May 20, 1956

Spent day at home.



Monday May 21, 1956

Came to work at 5:30 A.M. hoping to start drawbar test. Checked markers for distance and found error. Spent balance of day working on markers and getting ready for drawbar tests. Pfundstein spent entire day here. 12 hrs.

Tuesday May 22, 1956

Started drawbar test on Farmall 400 and ran 100% - sticky day - results questionable - tried low gear runs - not satisfactory either. Slip not the same on both sides. Decided to run 10 hr. test before further high slip runs. 10 hrs.

Wednesday May 23, 1956

Started at 5 A.M. and ran 100% over again and several other gears. By 8:30 we were ready to start 10 hr. test which we finished by 6:30. After weighing fuel balance and checking results we went home at 7:30 P.M. 14 hrs.

Thursday May 24, 1956

Geo. Round made recording. Began warm up at 5 A.M. Ran max. gears and by 8:15 we were ready to start 10 hour test. Finished by 6:15 P.M. After weighing fuel and making final checks went home by 7 P.M. Dr. Barrister from Iowa State called for visit. 42 visitors to-day. 14 hrs.

Friday May 25, 1956

Started making further checks on gears on W-400, then prepared to run J & K on both of 400 (F/L & W-400) tractors. Finished by 6 P.M. 12 hrs.

Saturday May 26, 1956

Ran tests on Utility 300 LP in all max. & operating max. gears during the A.M. During the P.M. we ran 100% and op. max. on F/L 300 LPG. 10 hrs.

Sunday May 27, 1956

Worked on church books all afternoon.

Monday May 28, 1956

Started at 5 A.M. to get ready to run Test H on Utility 300. Started test at 7 A.M. and finished by 5 P.M. Mr. Hanson, Ass't Sales Mgr. for J. I. Case men called about Field Day. Purchased 600 gallons gasoline. 12 hrs.

Tuesday May 29, 1956

Started at 5 A.M. and prepared to run Farmall 300 on gears and Test H. Finished by 6 P.M. and found results excessive in comparison with other tests. 12 hrs.

Wednesday May 30, 1956

Started at 3:30 and ran Cub in max. gears and then ran 10 hr. test. Finished by 6 P.M. Results good. 12 hrs.

Thursday May 31, 1956

Ran J & K on all tractors that were left to-day. Started final inspections on W-400 & Utility. 10 hrs.

Friday June 1, 1956

Made recheck on Farmall 300 and made final inspections on W-400 and Utility. 10 hrs.

Saturday June 2, 1956

Made recheck of test H on Farmall 300, also J & K. Ran 10 hrs.  
Results compared very favorably with recheck made before. 11 hrs.

Sunday June 3, 1956

Had company all day.

Monday June 4, 1956

Concentrated on finishing test reports on International tractors. Worked all day from 5:30 A.M. until 6 P.M. Representatives left for Chicago to-night.

Tuesday June 5, 1956

Made preliminary checks on belt test of 333 and shut down for balance of day. Very humid and sultry. Finishing reports for I.H. tractors. Had Call from A-C at Springfield about test dates. 8 hrs.

Wednesday June 6, 1956

150 4-H Club visitors here to-day. Very humid and sultry. Decided not to do any test work. Made preliminary checks on drawbar and worked about the shop balance of day. Bruce Johnson came to work for first time. 10 hrs.

Thursday June 7, 1956

Ran all gears on Massey-Harris 444 and obtained almost 95% of Belt horsepower at drawbar. This seemed too high and decided to make recheck on belt test. Had call from Omaha regarding hydraulic cylinder. 10 hrs.

Friday June 8, 1956

Prepared to operate 333 on belt to-night. Ran test all night and then continued on with drawbar tests Sat. A.M. Had call from Peoria regarding test dates. 8 hrs.

Saturday June 9, 1956

Ran all gears on 333 Massey-Harris Diesel to-day. Also recheck Massey-Harris 444 on belt too. Found 444 developed more Hp on belt than during original belt test. Apparently fuel flow has changed. 9 hrs.

Sunday June 10, 1956

Worked on paper for ASAE this A.M. 4 hrs.

Monday June 11, 1956

Ran a recheck of belt test on Massey-Harris 444. Began at and finished by 8 A.M. Started Massey-Harris 333 on 10 hr. test and finished by 4 P.M. Changed tires and wheels for test J on 333. Getting 444 ready for drawbar tests.

Tuesday June 12, 1956

Ran test H on Massey-Harris 444 to-day. Started at 5 A.M. and worked until 5 P.M. 12 hrs.

Wednesday June 13, 1956

Rerun one gear on 333 and balance of gears on 444 after checking 10 hr. test.

Jack Riggle came out to take pictures and spent most of the day here. 11 hrs.

Thursday June 14, 1956

Finished test J & K on both Massey-Harris tractors. Made final inspections of engines. Had Jack Riggle out for picture taking this forenoon. 8 hrs.

Friday June 15, 1956

Working in office all day working on reports, mail, etc.

Cleaning up outside and rearranging equipment, fuel tanks, etc. 8 hrs.

Saturday June 16, 1956

Declared this a holiday for all personnel at Tractor Testing.

Sunday June 17, 1956

Monday June 18, 1956

Started Minn.-Moline 445 on test to-day. Cleaning up and rearranging in Lab. Went to Omaha in afternoon to see John Deere, American Road Equip. Co. and Clark Equip. Co. Had 15 foreign visitors here to-day. 8 hrs.

Tuesday June 19, 1956

Continued limber-up test to-day, finishing at 3 P.M. Painting doors, compiling data for SAE paper. Man from Norway called for a short visit. 8 hrs.

Wednesday June 20, 1956

Worked on reports, calculations, etc. all day. Completed limber up on Minn.-Moline Universal. Started limber up on Minn.Moline Utility. 8 hrs.

Thursday June 21, 1956

Completed limber up test on Minn.-Moline Utility. Worked on reports and calculations. 8 hrs.

Friday June 22, 1956

Prepared for belt test this evening. Started at 10 P.M. 8 hrs.

Saturday June 23, 1956

Finished belt test by 11 A.M. This evening we started belt test on Minn.Moline Utility at 10 P.M. and ran until Sunday A.M. finishing at 8:30 A.M. 16 hrs.

Sunday June 24, 1956

Rested all day after finishing belt test at 8:30. 8 hrs.

Monday June 25, 1956

Ran all gears on Minn.-Moline Universal this A.M. and finished by 1:30 P.M. Made calculations and preparation for 10 hour test to-morrow. 9 hrs.

Tuesday June 26, 1956

Started 10 hour test at 6 A.M. and completed on schedule. 12 hrs.

Wednesday June 27, 1956

Started Max. gears on Utility but unable to get proper results. Brought tractor in and cleaned out carburetor. 9 hrs.

Thursday June 28, 1956

Ran all max gears on 445 Utility to-day.

Friday June 29, 1956

Ran test H on 445 Utility. Prepared the Universal for test J & K. 12 hrs.

Saturday June 30, 1956

Ran test J & K on 445 Universal and test J on the 445 Utility. Started final inspection of 445 Universal. 8 hrs.

Sunday July 1, 1956

Ill all day and stayed in bed.

Monday July 2, 1956

Opened M-M 445 Universal for inspection and completed the final reports on the two Minn.-Moline tractors. Carl Reller left for Minnesota this P.M. 9 foreign visitors spent 3 hours at tractor test. Ran test K on M-M. 445 at 5 P.M. 12 hrs.

Tuesday July 3, 1956

Unloaded the Allis-Chalmers tractors to-day. Finished up calculations. Went to Railway Commission. 8 hrs.

Wednesday July 4, 1956

Worked in office 4 hours.

Thursday July 5, 1956

Al and LFL went to Omaha and called at American Equip. Co., Oliver, Midwest Dealers Assoc., Massey-Harris etc. Left Lincoln at 5 A.M. and returned at 6 P.M. 15 hrs.

Friday July 5, 1956

Joe Flamm and Jim Lambie arrived to-day and started the limber up test on the A-C HD6B and A-C 11B tractors. A man from Bolivia arrived for a visit. Fixed up fork lift. 8 hrs.

Saturday July 7, 1956

Continued limber up test on the two Allis-Chalmers tractors. Finished at 1 P.M. Spent balance of P.M. getting ready for belt test. This was started at 6 P.M. and finished at 1 A.M. Sunday. 17 hrs.



Sunday July 8, 1956

Worked in office 4 hours.

4 hrs.

Monday July 9, 1956

Ran all Max. gears on HD6B. Prepared the HD11B for belt test.  
Started at 4 P.M. and finished by midnight.

15 hrs.

Tuesday July 10, 1956

Started 10 hr. test on HD6B and finished on schedule.

13 hrs.

Wednesday July 11, 1956

Ran all max. gears on HD-11B and prepared for 10 hour test to-morrow. Had steak dinner at Mrs. Haags place to-night.

Thursday July 12, 1956

Ran 10 hour test on HD11B and finished at 7 P.M.  
SAE Tractor Test committee meeting at Ag. Eng. to-day.

Friday July 13, 1956

Ran Max. gears on HD 11 B. Used special Hydraulic cylinder. Also tried HD-6 B to-night. Decided to do this over again. Mr. Compton of Detroit Diesel spent all P.M. here.

8 hrs.

Saturday July 14, 1956

Started at 5 A.M. and worked on test course until 7 A.M. Re-ran test F & G in 1st. gear on HD6B. Drained oil on both tractors and made up final reports. Allis-Chalmers men left at noon.

7 hrs.

Sunday July 15, 1956

Worked in office 4 hours. Mr. Mason and Don arrived this evening.

4 hrs.

Monday July 16, 1956

Started limber up test on crawler Caterpillar tractors after unloading and changing oil.

10 hrs.

Tuesday July 17, 1956

Continued limber up test on Cat. D-7 & D-8. Preparing for Tractor Field Day.

10 hrs.

Wednesday July 18, 1956

Continued limber up test on D-8 & D-9. Preparing for Tractor Field Day.

10 hrs.

Thursday July 19, 1956

Tractor Field Day to-day. - About 3500 people attended.

14 hrs.

Friday July 20, 1956

Preparing to test D-7 and getting hitches, etc arranged to start drawbar testing.

12 hrs.

Saturday July 21, 1956

Ran series of drawbar tests on D-7 in an effort to determine best drawbar height.

10 hrs.

Sunday July 22, 1956

Spent entire day at home resting.

Monday July 23, 1956

Started making drawbar tests on Cat. D-7 and getting best fuel pump setting for Max. runs and low gear tests. 12 hrs.

Tuesday July 24, 1956

Ran Max. gears in all speeds and preparing for 10 hr. test to-morrow on D-7.

Wednesday July 25, 1956

Started 10 hour test at 8 A.M. on D-7 . 12 hrs.

Thursday July 26, 1956

Spent entire day getting low gear run on D-7 and re-conditioning test course. 10 hrs.

Friday July 27, 1956

Ran gears on D-8 and getting fuel pump set for Max. power. 11 hours.

Saturday July 28, 1956

Ran low gear runs on Cat. D-8. After lunch we worked on test course all P.M. 12 hrs.

Sunday July 29, 1956

Went to Alvins place and threshed oats during forenoon and part of afternoon.

Monday July 30, 1956

Ran 10 hour test on D-8 and worked on limber up test on D-9. 14 hrs.

Tuesday July 31, 1956

Ran all gears on Cat. D-9 after completing limber up on D-9. Getting fuel pump setting, etc.

Wednesday August 1, 1956

Rained last night. 1.15". Unable to get on test course to-day. Checked gear ratio on D-8. Went to city to get parts, etc. 8 hrs.  
Worked on SAE paper 4 hrs.

Thursday August 2, 1956

Sent SAE paper to-day.  
Ran low gear until 3:30 P.M. - Unable to get results as expected and started to recondition test course. Worked until 8 P.M. on track- sprinkling, packing and blading. 14 hrs.  
5 visitors.

Friday August 3, 1956

Started 10 hr. test on Cat D-9 at 6 A.M. Ready to go by 7:35, completed test on schedule. Worked on test course in evening preparing for Max. test in 1st. gear. 11 hrs.  
Two International tractors arrived.

August 4, 1956 Sat.

Prepared for Max. drawbar test in 1st. gear. After several trials made a series of successful tests. Ordered new tires for motor grader to-day. 10 hrs.

Sunday August 5, 1956

Spent entire day at home.

Monday August 6, 1956

Started at midnight Sun. nite running belt test on Cat. D-7, completed this by 7 A.M.  
Four International men arrived this morning for tests to begin. Mr. Mason left for Peoria to-day.

Tuesday August 7, 1956

Continued limbering up the International tractors. Finished several to-nite.  
Group of 12 visitors called this P.M. for one hour demonstration. 10 hrs.

Wednesday August 8, 1956

Rained last night. Worked on reports and prepared tach drives, etc for tractors. 10 hrs.

Thursday August 9, 1956

Worked on reports delivering four to Railway Commission to-day. Mr. Ayres arrived this A.M. spent entire day here. Still too wet to do any test work. 10 hrs.

Friday August 10, 1956

Started drawbar test work this A.M. on TD-18 and ran all gears. 12 hrs.

Saturday August 11, 1956

Ran 10 hour test on TD-18 to-day. 12 hrs.

Sunday August 12, 1956

Rested all day.

Monday August 13, 1956

Ran all Max. gears on TD-14 and prepared for 10 hour test to-morrow. 12 hrs.

Tuesday August 14, 1956

Ran 10 hour test on TD-14. Made check on low gear on TD-14 again before starting 10 hour test. 12 hrs.

Wednesday August 15, 1956

Started belt test on TD-18 at midnight and ran all morning. At 6 A.M. we started running drawbar tests on TD-9 but had difficulty making tests work out. Stopped at 5 P.M. 18 hrs.

Thursday August 16, 1956

Ran all gears above 1st. gear this A.M. Started 10 hour test at 10 A.M. finishing at 8 P.M. 18 hrs.

Friday August 17, 1956

Started belt run at mid-night and ran until about 7 A.M.  
Started drawbar tests at 6 A.M. on Td-6 tractor. Finished all gears but low. 12 hrs.

Saturday August 18, 1956

Ran 10 hour test on TD-6 . 12 hrs.

Sunday August 19, 1956

Rested all day.

Monday August 20, 1956

Ran drawbar test on T-6. Finished all gears but low. 8 hrs.

Tuesday August 21, 1956

Ran 10 hour test on T-6 . 10 hrs.

Wednesday August 22, 1956

Ran belt test on T-6. 10 hrs.

Thursday August 23, 1956

Ran all low gear tests on the TD-6, T-6 & TD-9. Spent all day at this. 10 hrs.

Friday August 24, 1956

Working up final reports and started engine inspection on TD-6 & TD-9. 8 hrs.

Saturday August 25, 1956

Went Along with the International men to Huntsville, Mo. to see their proving ground, etc. Gone all day.

Sunday August 26, 1956

Rested all day.

Monday August 27, 1956

Working on test reports and cleaning up following the International tests. Finished final inspection. 8 hrs.

Tuesday August 28, 1956

Worked in office all day after cleaning up. 8 hrs.

Wednesday August 29, 1956

Worked in office all day getting ready for John Deere tests 8 hrs.

Thursday August 30, 1956

Repairing test car and getting final reports ready to go. 8 hrs.



Friday August 31, 1956

Attended Fair most all day.

Saturday September 1, 1956

Spent the day helping Leonora, and at home. Hauled trash and furniture all day.

Sunday September 2, 1956

To-day I took Mr. K and Mr. Pavlou and Mr. Lee on trip to Minden, Holdrege, Elwood, Curtis, North Platte and back to Lincoln. 18 hrs.

Monday September 3, 1956

Attended Fair - Labor Day. Visited with Mr. Lee a good deal.

Tuesday September 4, 1956

Ran some checks on test course to see what condition it is in. Worked in shed storing surplus items. John Deere tractors arrived to-day. Joy and Russell came with the tractors. 8 hrs.

Wednesday September 5, 1956

Started limber up on 520 LP and 620 LP this A.M. Finished at 9 P.M. Started 520 belt test at 10 P.M. and ran all night. Mr. Brewer from So. Africa came for visit and help. He is graduate student. 12 hrs.

Thursday September 6, 1956

Finished running belt test that was started last night at 6:30 A.M. Cleaned test course, weighed tractors, obtained roller and ran drawbar test on 520. Geo. Downes called. 5 farmers called. 14 hrs.

Friday September 7, 1956

Ran the 10 hour test on 520 LP tractor. 12 hrs.

Saturday September 8, 1956

Ran all the gears on the 620 tractor this A.M. Getting ready for 10 hour test. 8 hrs.

Sunday September 9, 1956

Rested all day.

Monday September 10, 1956

Started early and got 620 LP tractor on 10 hr. test. 12 hrs.

Tuesday September 11, 1956

Getting 520 Distillate ready for belt test. Ran all night. Finished limber up on 720 LP. 12 hrs.

Wednesday September 12, 1956

Getting 720 LP ready for belt test. Ran all night. Finished J & K on 520 LP and 620 LP tractors to-day. Left for Milwaukee early this morning. 12 hrs.

Thursday September 13, 1956

Ran gears on 520 Distillate. Getting ready for 10 hour test.  
Ran all gears on 720 LP. Spent all day in Milwaukee. 10 hrs.

Friday September 14, 1956

Running 10 hr. test on 520 Dist. Returned from Milwaukee. 10 hrs.

Saturday September 15, 1956

Ran 10 hour test on 720 LP . 12 hours.

Sunday September 16, 1956

Monday September 17, 1956

John Deere 720 Diesel arrived late to-day. Unloaded and prepared for limber up test. Finished test J & K on 720 LP. 8 hrs.

Tuesday September 18, 1956

Ran limber up test on John Deere Diesel. 8 hrs.

Wednesday September 19, 1956

Finished limber up test on John Deere 720 Diesel. Prepared it for belt test. 8 hrs.

Thursday September 20, 1956

Ran balance of belt test on John Deere Diesel. Started running all Max. gears on 720 Diesel. 10 hrs.

Friday September 21, 1956

Ran 10 hour test on John Deere 720 Diesel. 12 hrs.

Saturday September 22, 1956

Finished last run J & K on John Deere 720 Diesel. Went out to dinner with John Deere men. Rus Candee and Olson left for Waterloo. Ferguson tractors arrived on truck this P.M. 8 hrs.

Sunday September 23, 1956

Rested all day.

Monday September 24, 1956

Massey-Harris-Ferguson tractors arrived. Hautzenroeder, Trairlion, cicero came and started getting tractors ready for limber up test. Started test A by noon and continued all day. Finished 720 diesel inspection to-day.

Tuesday September 25, 1956

Finished test A on both tractors. Prepardd for belt test which we ran to-night. Finished at 3:30 Wed. A.M. John Deere men MacDonald and Foster left for Waterloo to-day. 14 hrs.

Wednesday September 26, 1956

Getting Massey-Harris 50 ready for drawbar test. Added weight, weighed, and took wheel count, etc. Prepared Ferguson 40 for belt test. 8 hrs.

Thursday September 27, 1956

Ran all gears on Massey-Harris 50 this A.M. Also ran belt test on Ferguson 40. 12 hrs.

Friday September 28, 1956

Ran 1st and 2nd. gear in M-H -50 then started 10 hour test at 8 A.M. Mistake in gear made it necessary to start over at 10 A.M. Finished by 8 P.M. Called Bud Fisher and Wm Trumpp. John Deere at Waterloo bringing 520 for test next week.

Saturday September 29, 1956

Ran all max. gears on Ferguson 40 this A.M. and finished by noon. Worked 2 hours during P.M. in office.

Sunday September 30, 1956

Rested all day.

Monday October 1, 1956

Ran test H on Ferguson 40. Started early and finished on schedule. 11 hrs.

Tuesday October 2, 1956

Ran test "J" on both tractors to-day. Working on final results of both tractors. 8 hrs.

Wednesday October 3, 1956

Making final checks on both tractors. - oil and time. Attended Board meeting to discuss Test Code and also to discuss Massey-Harris 50 Test "H". Decided to rerun again.

Thursday October 4, 1956

Ran recheck of test "H" on Massey-Harris 50 tractor. John Deere 520 arrived about 2 P.M. Finished all test work on M-H 50 and men prepared to leave.

Friday October 5, 1956

Started John Deere 520 on limber up test at 5 A.M. Working on Ferguson test report. Ferguson men prepared to leave this A.M. 8 hrs.

Saturday October 6, 1956

Prepared John Deere 520 tractor for drawbar test by weighing, taking wheel count, installing counting equip. etc. Tractor was next belted to dynamometer and belt test started at 6 P.M. , finished at 4 A.M. Sunday.

Sunday October 7, 1956

Finished belt test on 520 by 4 A.M. John and Bruce ran entire belt test.

Monday October 8, 1956

Started early this A.M. and run 1st., 2nd gears , then 100% Max. and balance of operating gears by noon. Worked in office balance of day.

Tuesday October 9, 1956

Ran 10 hour test on 520 tractor. 620 arrived this A.M. and we started limber up test.

Wednesday October 10, 1956

Finished limber up test and prepared tractor for belt test this P.M. Started taking readings early and ready for 100% before 10 P.M.

Thursday October 11, 1956

Finished belt test by 4 A.M. and started making drawbar tests immediately. Took off part of P.M. for rest. 10 hrs.

Friday October 12, 1956

Ran test "H" on John Deere 620. Obtained unusually good results. 10 hrs.

Saturday October 13, 1956

Ran 1st. & 2nd. max. gears on 620. After studying results we decided to make a check on 10 hour rated load. Check showed lower performance. We then decided to re-run test "H" Monday. 8 hrs.

Sunday October 14, 1956

Attended church in Nebraska City to-day. Attended achievement meeting for 4-H at Riverview Park. Then took Marie to Omaha. Returned to Lincoln by 7 P.M.

Monday October 15, 1956

Started 10 hour test on John Deere 620. Recheck at 5 A.M. Ran all day. Continued limber up test on John Deere 420 & 420 all fuel. Prepared 420 W for belt test to-night. Mr. Cesario came to-day to discuss tractor testing. Exchange girl from Dauson county visited here. She is going to Australia. 12 hrs.

Tuesday October 16, 1956

Mr. Hurlbut called from Washington D.C. Worked on John Deere 420 W tractor from midnight on. Finished inspection of John Deere 620 gas to-day. Mr. Cesario of consolidated Diesel Engine called to-day. Met with Steinbruegge, Sulek about Cesario visit. Man from England stopped few minutes for visit. 15 hrs.

Wednesday October 17, 1956

Ran max. gears on Dohn Deere 420 W to-day and prepared 420 Distillate for belt test. 14 hrs.

Thursday October 18, 1956

Finished Distillate belt test this A.M. and then ran 10 hour test on 420 W. 15 hrs.



Friday October 19, 1956

Ran Max. gears on 420 Distillate and prepared for 10 hour test  
to-morrow. 8 hrs.

Saturday October 20, 1956

Ran 10 hour test on Distillate tractor. 12 hrs.

Sunday October 21, 1956

Monday October 22, 1956

Ran belt test on 420 C early this morning and started making  
some drawbar tests. 12 hrs.

Tuesday October 23, 1956

Continued running drawbar tests on Crawler tractor finishing  
by end of day. 12 hrs.

Wednesday October 24, 1956

Massey-Harris tractors arrived to-day. Started limber up on  
these this evening. Ran 10 hour test on 420 Crawler. 12 hrs.

Thursday October 25, 1956

Massey-Harris tractors were started on limber up and finished  
by evening, then ran belt test. Finished inspection on  
John Deere tractors to-day. 8 hrs.

Friday October 26, 1956

Prepared Massey-Harris 444 LP for belt test. Ran to-night and  
finished early Saturday A.M.  
John Deere men from Dubuque left for home to-day. 12 hrs.

Saturday October 27, 1956

Finished belt test by noon Saturday. I left for Oklahoma  
Sat. A.M. 8 hrs.

Sunday October 28, 1956

Returning from Oklahoma to-day.

Monday October 29, 1956

Rained to-day therefore unable to get much done. 8 hrs.

Tuesday October 30, 1956

Started making drawbar tests on Massey-Harris 333 but rain  
interfered considerably. 8 hrs.

Wednesday October 31, 1956

Ran test "H" on Massey-Harris 333, and also most of gears.  
Visitor from Brasil spent 2 hrs. here. He was Alvims boss.

November 1, Thursday, 1956

Ran test "H" on Massey-Harris 444 to-day. Finished by  
6 P.M. 11 hrs.

Friday November 2, 1956

Ran all Max. gears on Massey-Harris 444 this A.M. and  
Test "J" on 333.  
Had three visitors and interpreter from Brazil. They  
spent three hours here.

Saturday November 3, 1956

Started drawbar tests for J & K on Massey-Harris tractor this  
morning at 6 A.M. Finished by noon. Started John Deere 720  
on belt at 9:30 and ran until 8 P.M. 14 hrs.

Sunday November 4, 1956

Worked in office from 10 A.M. until 4 P.M. on mail and reports.  
6 hrs.

Monday November 5, 1956

John Deere 720 Gas arrived to-day. Started limber up test.  
10 hrs.

Tuesday November 6, 1956

Started belt test early and finished by 3:30 P.M. 15 hrs.

Wednesday November 7, 1956

Rained so unable to make drawbar test. 8 hrs.

Thursday November 8, 1956

Made Max. gears and prepared for 10 hour test. 10 hrs.

Friday November 9, 1956

Ran test H on 720 Gasoline. 12 hrs.

Saturday November 10, 1956

Completed test "J" & "K" on 720 gasoline 5 hrs.

Sunday November 11, 1956

Monday November 12, 1956

Waiting for John Deere 720 Distillate. Started inspection of  
720 gas. Made a check of Max. Hp obtained at various slip  
percentages. 10 hrs.

Tuesday November 13, 1956

Finished John Deere 720 Gasoline inspection. 10 hrs.

Wednesday November 14, 1956

Continued limber up on John Deere 720 Dist. Working on  
reports all day. 10 hrs.

Thursday November 15, 1956

Ran belt test on John Deere 720 Dist.

10 hrs.

Friday November 16, 1956

15 men from Iceland came for visit to-day. We worked this A.M. to get ready for them and spent most of afternoon with them. Managed to get 100% on 720 Dist. run before evening. 10 hrs.

Saturday November 17, 1956

Started at 6 A.M. and warmed up for 10 hour test which we began at 8 A.M. Finished by 6 P.M. Went home by 7:30. 12 hrs.

Sunday November 18, 1956

Rested all day.

Monday November 19, 1956

Ran all Max. gears and "J" & "K" . Finished up by 6 P.M. 12 hrs.

Tuesday November 20, 1956

Snowed last night. Completed final inspection and John Deere men left for home by 2:30 P.M. Cleaned up and went home on time for a change. 8 hrs.

Wednesday November 21, 1956

Finishing up last test report for the year and chdcking proofs. 8 hrs.

Thursday November 22, 1956

Thanksgiving Holiday Season.

Friday November 23, 1956

Vacation for LFL and John. Al worked on air hose to outside.

Saturday November 24, 1956

Vacation for LFL. John worked on reports for Tractor Test all forenoon. Two foreign visitors spent 1 hr. here Sat. P.M. 2 hrs

Sunday November 25, 1956

Stayed home all day.

Monday November 26, 1956

Worked on reports for end of year. Sent letters to all tractor companies regarding new summary sheet. 8 hrs.

Tuesday November 27, 1956

Worked on reports for balance of year. Took summary sheet preparation to Mr. Graham. Starting to prepare for next year. 8 hrs.

Wednesday November 28, 1956

Working on Exper. Station report.

Thursday November 29, 1956

Working on Exp. Station report.

8 hrs.

Friday November 30, 1956

Correspondence, reports, etc. Preparing for dinner meeting  
this evening. 8 hrs.

Saturday December 1, 1956

Worked in Lab. and report all forenoon. 4 hrs.

Monday December 3, 1956

Taking care of mail and preparing for meeting this evening at  
Sidney, Iowa. 24 men attended meeting. Returned home by  
12:30 A.M. 16 hrs.

Tuesday December 4, 1956

Spent forenoon at home working on church books. Worked in office  
all P.M. 4 hrs.

Wednesday December 5, 1956

Had Tractor Test Board meeting that lasted all forenoon. Took  
charts and photo to city campus for reproducing. Worked in office  
balance of day. Attended ASAE meeting in evening and worked two  
more hours in office. 8 hrs.

Thursday December 6, 1956

Worked on a reply to Mr. McRay of Allis-Chalmers. Met with  
Mr. Hurlbut. Went to city to get photo, photostats etc. Prepared  
to leave for Peoria. Called Mr. Mason of Caterpillat. 8 hrs.

Friday December 7, 1956

Left for Peoria at 12 midnight. Arrived at Caterpillat by 10:30  
Visited Paul Spinetta until 3:30 P.M. Visited research lab. and  
assembly plant in morning and to proving ground in P.M. Saw  
Al Lehmann also. Drove to Springfield in evening. 16 hrs.

Saturday December 8, 1956

Visited Allis-Chalmers plant all day with Mr. Joe Flamm. Also  
visited Lincoln's home and new Salem Village. Started for  
Chicago arriving in Hinsdale by 11 P.M. 16 hrs.

Sunday December 9, 1956

Attended church at Chicago Temple in Loop. Arrived at Edgewater  
Hotel by 2 P.M. and spent balance of day there.

Monday December 10, 1956

Attended ASAE meeting all day. Went to the city and spent  
evening there. Saw Cinerama in Holiday.

Tuesday December 11, 1956

Visited Tractor Works on West 31st. Ave. Visited Dick Coleman  
at Hinsdale Farm. Went to the Melrose Park plant and visited  
there balance of day.



Wednesday December 12, 1956

Attended ASAE meeting all forenoon. Left for Kenosha by noon and visited Nash plant during afternoon. Drove on to Dubuque, arriving there by midnight. Snowing all the way.

Thursday December 13, 1956

Spent all forenoon at John Deere plant in Dubuque. Visited assembly plant, machine shop and foundry. Also experimental Lab. Left Dubuque by noon arriving home at midnight.

Friday December 14, 1956

Rested all day at home.

Saturday December 15, 1956

Worked in office all forenoon. Splitgerber, from Albion called this A.M. Bringing a group of visitors here, 12-28-56.

Sunday December 16, 1956

Spent day at home.

Monday December 17, 1956

Worked in office all day. 8 hrs.

Tuesday December 18, 1956

Worked in office all day. 8 hrs.

Wednesday December 19, 1956

Worked on Xmas cards for overseas friends. Went to Atlantic, Ia. for evening meeting - 75 attended. 16 hrs.

Thursday December 20, 1956

Worked in office all day. 8 hrs.

Friday December 21, 1956

Spent entire day working on Xmas greetings & mail. Attended dinner for family who won a 960 Ford tractor. 8 hrs.

Saturday December 22, 1956

Worked in office 2 hrs. Went to city, Deans office and finance office. 4 hrs.

December 23, Sunday, 1956

Leaving for Colorado Springs . Arrived at Springs by 4:15 P.M.

Monday December 24, 1956

Vacation in Colorado

Tuesday December 25, 1956

Xmas day in Colorado Springs

Wednesday December 26, 1956

Vacation enroute to Gallup, New Mexico.

Thursday December 27, 1956

Vacation enroute to Phoenix.

35 men from Albion visited test Lab. to-day.

Friday December 28, 1956

Vacation - - Phoenix, Tucson and Las Cruces.

30 visitors from Pender called at test lab. to-day.

Saturday December 29, 1956

Vacation -- Enroute to El Paso and White City.

Sunday December 30, 1956

Vacation -- Enroute to San Angelo.

Monday December 31, 1956

Vacation -- Enroute to Ft. Worth and home.

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# SUMMARY OF TRACTOR TESTING ACTIVITY, 1956

	Hours
1. Foreign visitors	58
2. Farm visitors	4511
3. Commercial visitors	87
4. Time spent with visitors	
(1) Foreigners	82
(2) Farmers	57
(3) Commercial visitors	60
5. Correspondance	250
6. Reports, calculations	226
7. Test Work	1340
8. Preparing for test	343
9. Graduate students	12
10. 4-H Tractor Club	0
11. Shop work	72
12. Preparation for meetings	125
13. Time travel to and from meetings	131
14. Conferences	103
15. Tractor Field Day	61
16. Illness	0
17. Vacation	80

Participated in meetings	Attendance
January 1-3-56 Met with Mr. Hurlbut's class	50
1-5-56 " " " " " "	50
1-17-56 Meeting at Manhattan (LPG meeting)	140
1-26-56 Meeting for A H Group, Mich. State.	50
2-21-56 (returned unexpected due to death)	
2-29-56 farmers from Wayne county	30
3-7-56 ASAE student branch meeting	25
3-14-56 Meeting for Mr. Brunigs class	40
4-5-56 180 Voc Ag. Students from Omaha	180
4-20-56 Two special meetings with groups at Feeders Day.	
5-5-56 Meeting for South Dakota State College men	12
5-11-56 Meeting for class Kansan state college	14
5-12-56 Meeting for class at North Dakota state college.	15
6-5-56 Meeting for 4-H Club Groups	150
<del>6-5-56 Meeting for 4-H Club Groups</del>	<del>150</del>
9-13-56 SAE meeting in Milwaukee	
12-3-56 Meeting at Sidney, Nebraska	24
12-27-56 Men from Albion	35
12-28-56 Men from Pender	30
Total	931