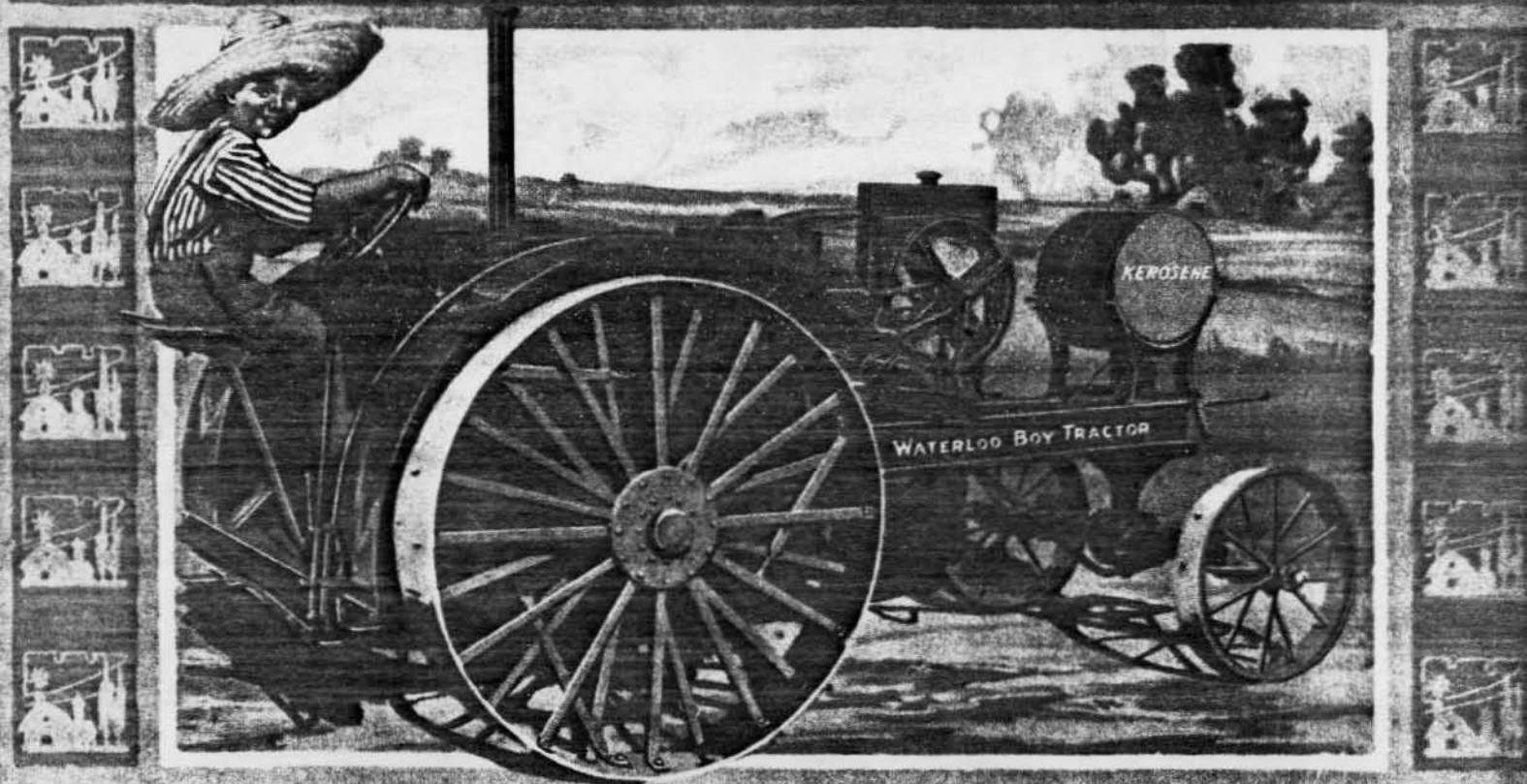


WATERLOO BOY

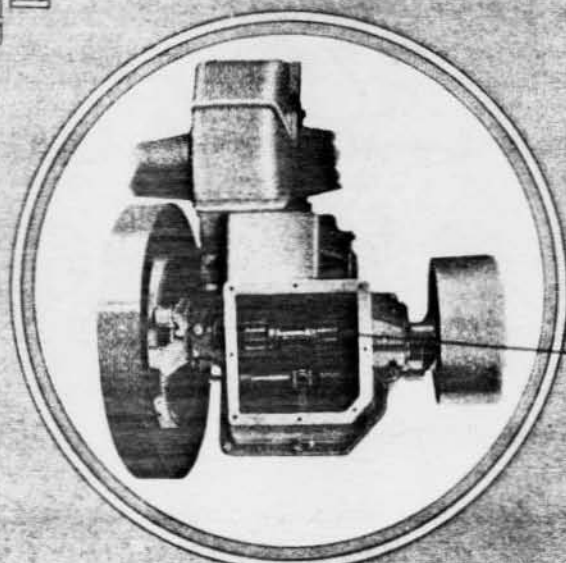
ONE MAN TRACTOR



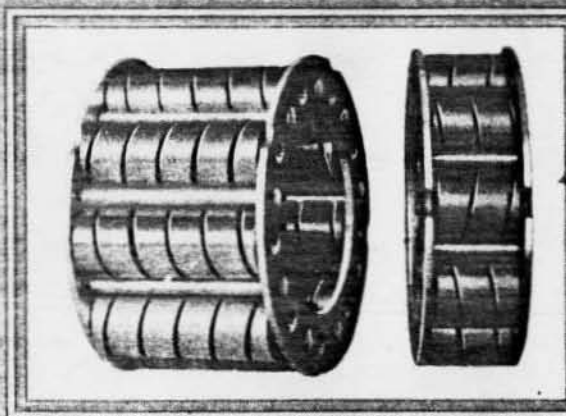
MANUFACTURED BY
WATERLOO GASOLINE ENGINE COMPANY
WATERLOO, IOWA

WB

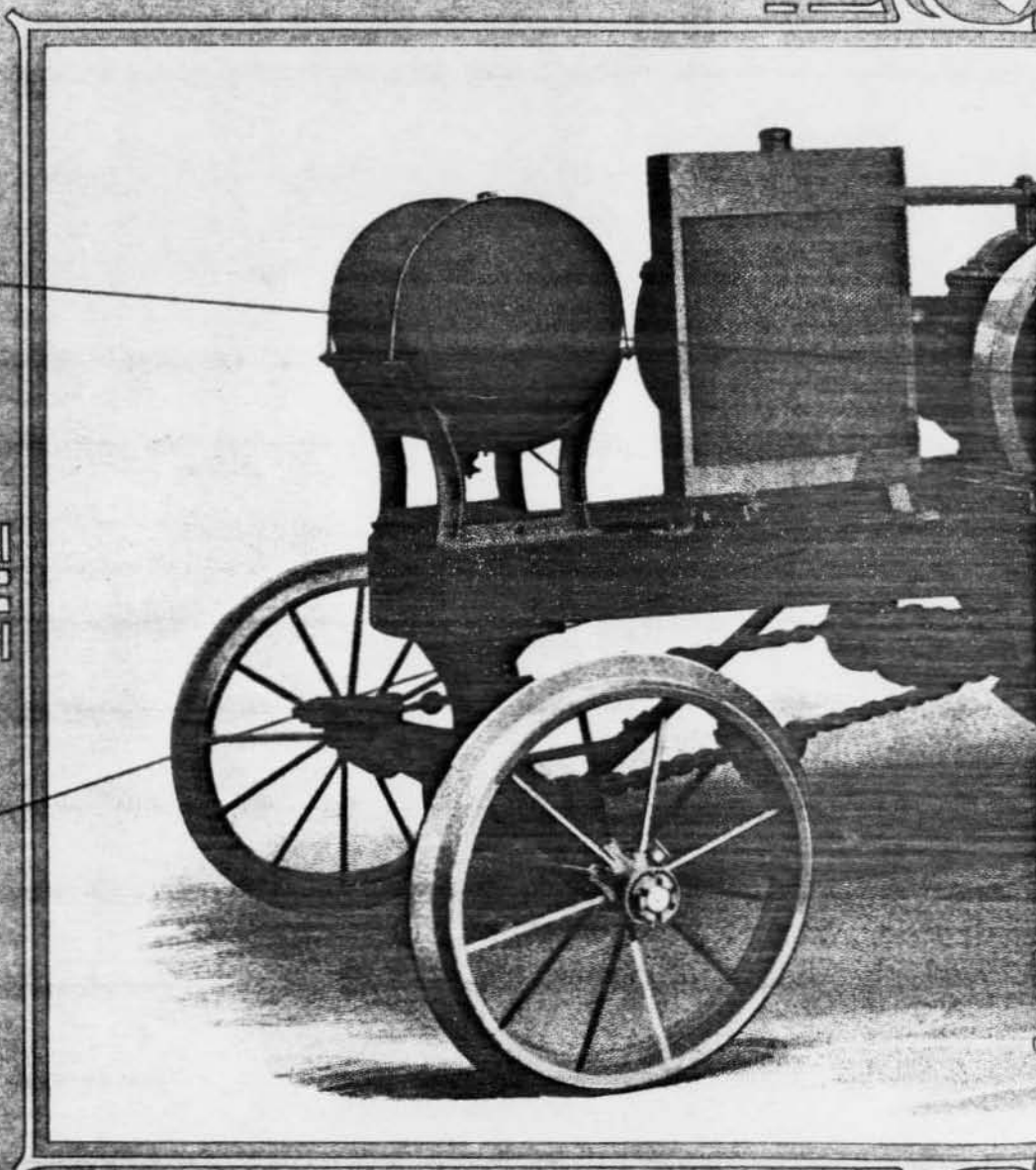


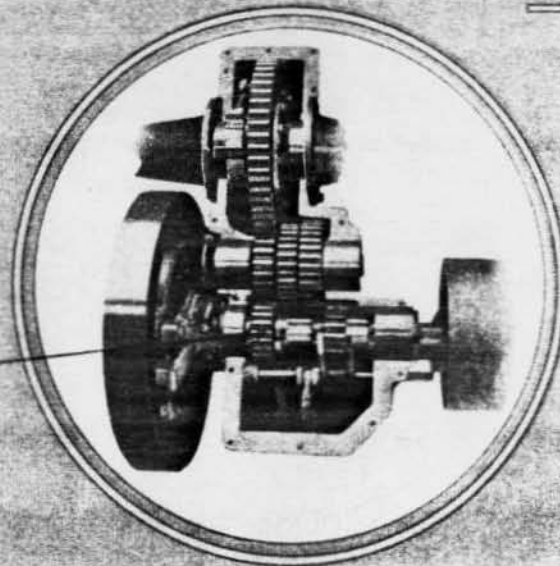
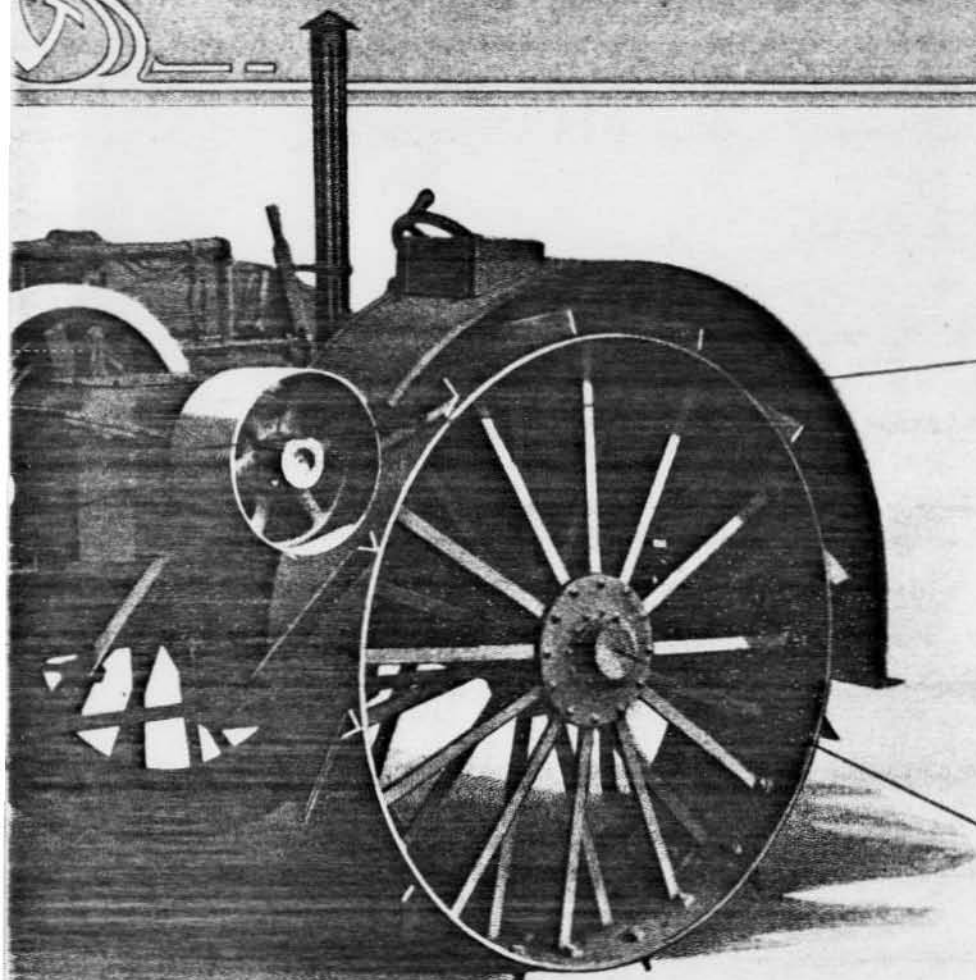


A top view of the gear case with the inspection plate over the transmission gears removed. The inspection plate over the differential gears admits of easy access to these gears. Accessibility—A splendid feature in this tractor.

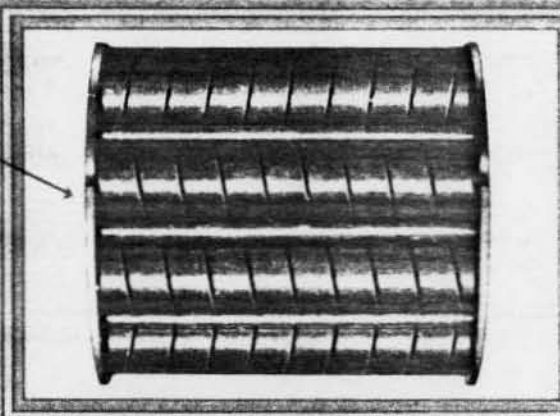


Roller bearings are used thruout the tractor. There are eleven sets in all. These bearings are used in the gear case and rear axle. The best is none to good for the "Waterloo Boy."

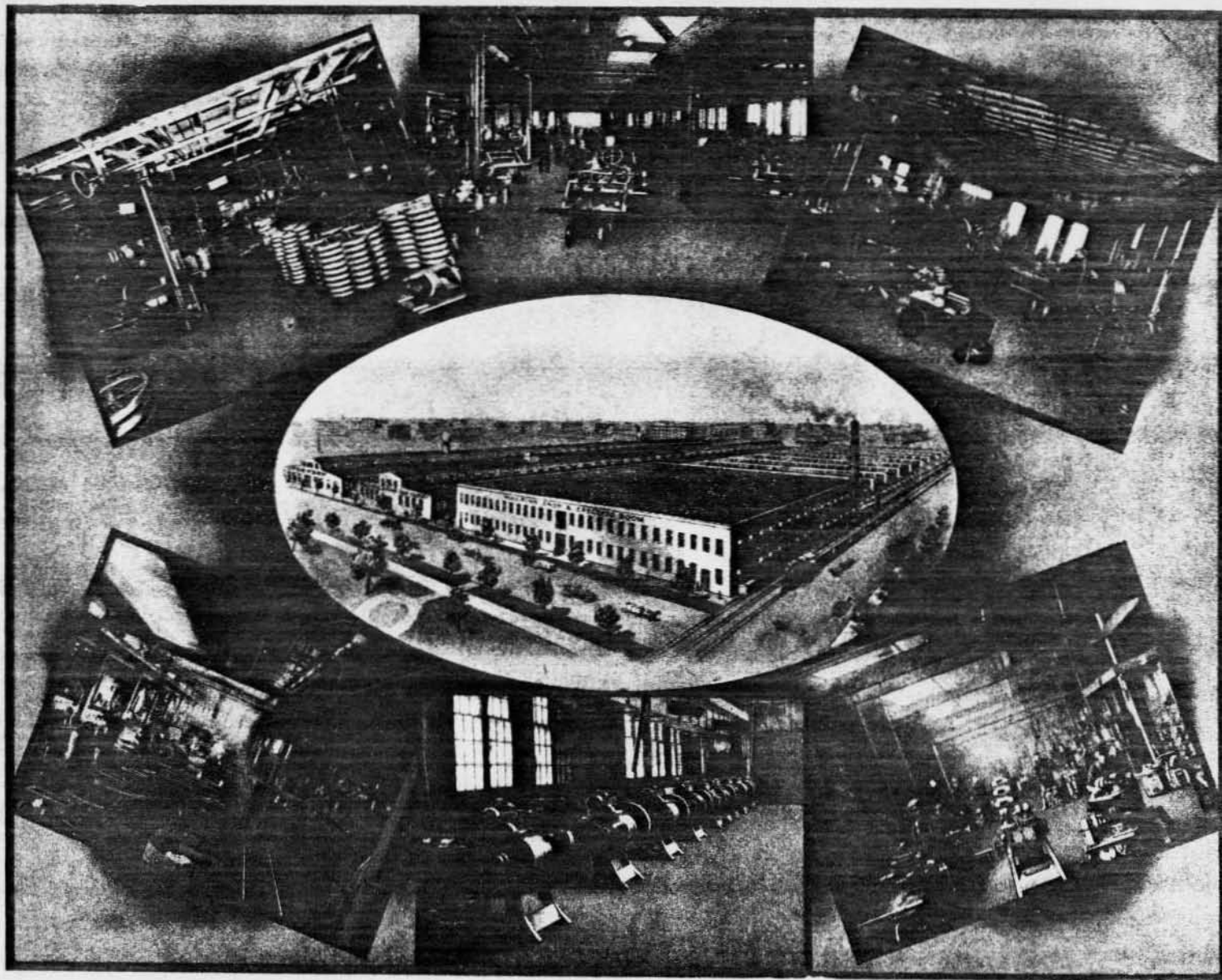




The upper half of gear case is quickly removed as shown in this cut. Anyone can do this and when it is done any gear or bearing can be adjusted or replaced with ease.



Roller bearings are used in the rear axle also. One wheel is keyed on to the axle, which revolves in the large, substantial bearings. Roller bearings insure long life and economical transmission of power.



THE WATERLOO BOY ONE MAN TRACTOR



Detailed Specifications of the Waterloo Boy One Speed Tractor

Motor

Bore—6 inches.

Stroke—7 inches.

Brake Test—24 H. P.

Draw Bar—12 H. P.

Speed—750 R. P. M. Tractor $2\frac{1}{2}$ miles an hour. By using larger bull pinions, a speed of 3 miles per hour can be obtained. These pinions cost extra.

Cylinders—Twin cylinders cast in block, large valves water jacketed, three point suspension on chassis.

Oil System—Self contained, self adjustable, force, sight feed with oil strainer—oil pump operated by cam shaft.

Crank case 2 gallon capacity.

Bearings—High grade babbit reinforced with brass or grey iron backing, lock nuts and cotter pins on all bearings.

Main bearings $5\frac{1}{4}$ x $2\frac{1}{4}$ inches. Connecting rod bearings, $3\frac{1}{4}$ x $2\frac{1}{4}$ inches.

Crank Shaft—Drop forged. $2\frac{1}{2}$ in. diameter. Ground to size.

Valve Action—Adjustable push rods with hardened points. The cam rollers are $1\frac{1}{4}$ inches in diameter and hardened, also roller pins.

The valves are made of steel, the stems are ground to perfect fit.

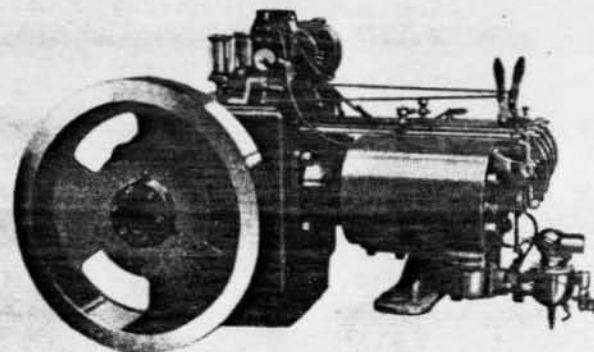
The cam shaft and cams are in one piece, ground and hardened.

The cam gears are of large diameter with wide face and helical cut teeth to produce even drive and noiseless running.

Governor—Centrifugal fly ball type, gear driven, acts directly on the throttle, can be instantly changed to any speed.

Ignition—High tension magneto with impulse starter.

Carburetion—Schebler, with special throttle and water connection.



Flywheel side of motor, showing cone clutch and clutch extension shaft. The four driving keys for the clutch and shifting gears are milled on the shaft and are a part of the shaft.
Push rods on top of cylinder where they are easily inspected and adjusted.

Manifold—The intake and exhaust are cast in a one-piece manifold, doing away with all piping and joints that leak. It especially adapts the motor to the use of kerosene.

Cooling—Radiator, honey comb, extra strong, for tractor duty. Capacity $8\frac{1}{2}$ gallons. Large centrifugal pump, fan driven by belt from flywheel shaft.

Clutch—Cone clutch face with none-burning composition lining, self adjusting, operated by foot pedal.

Fuel—Kerosene or gasoline—starts on gasoline, when manifold is warm switch to kerosene. Fuel tank 20 gallons capacity.

Control

Clutch and brake operated by foot pedals.

Gear shift by lever similar to automobile. Cannot have two sets of gears in mesh at one time.



THE WATERLOO BOY ONE MAN TRACTOR

Speed is automatically controlled by governor. In addition to automatic control there is a hand regulator attached to governor in easy reach of operator.

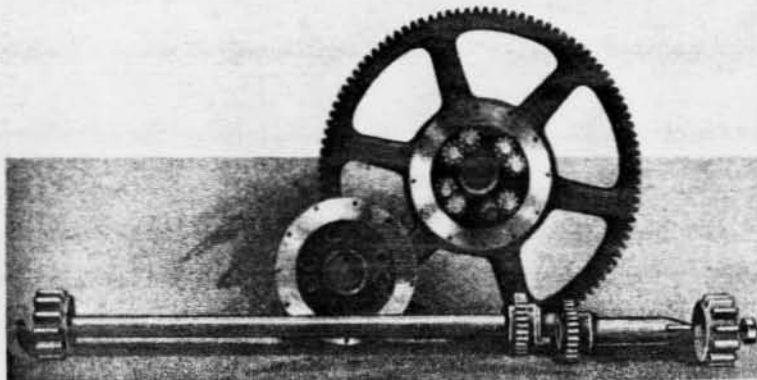
Steering is done by large steering wheel, and worm gear with specially designed corrugated chain drum, keeping chains tangent to axle at all points of turning, making steering easy. Chains are fastened to axle with spring cushion to absorb all road shocks.

Transmission

Simple, automobile type sliding gears with shifts for one speed forward and one reverse. Gears in mesh only when traveling. No gears in mesh when doing belt work.

All pinions steel cut on automatic cutters to accurate size and case hardened.

Transmission has large bearings throughout. Four keys are milled on the sliding gear shaft and are an integral part of shaft.



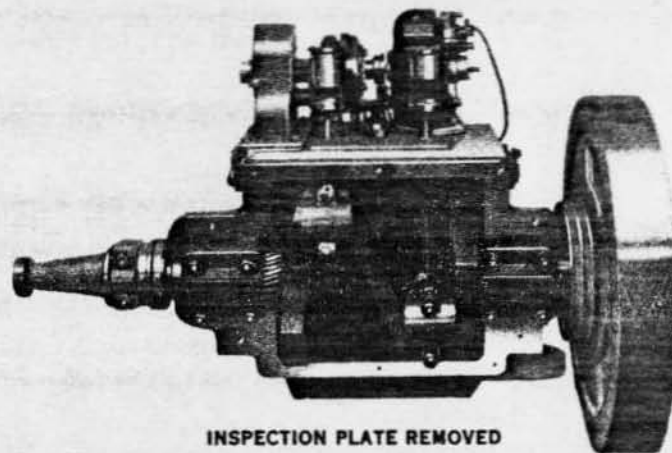
Jack, or differential shaft, with one bull pinion removed so you can see taper fit of pinion on shaft. These pinions can always be kept tight and readily removed. The eight differential pinions make an even distribution of the strain on all differential gearing. The large differential driving gear with large spokes and ample face insures quiet running and long life. This is securely fastened to the transmission drum with twelve bolts, all lock washered.

Differential

All spur gears are made from steel forgings, machine cut and hardened and enclosed in oil-tight case.

Accessibility of Working Parts

Crank case is parted. In the detachable half there are no working parts—on this half there is an inspection plate, which when removed gives access to the connecting rod bearings.



INSPECTION PLATE REMOVED

Crank end view of motor, showing half of crank case removed, admitting access to pistons, connecting rods and main bearings. Notice how solidly and substantially the magneto and governor are bolted on to the crank case. The valve and magneto timing, and governor adjustment need never be disturbed in order to get at the other parts of the motor.

All the bearings can be adjusted or replaced, the piston can be taken out without disturbing the timing of the motor, or drawing the oil from the crank case, and while the operator stands on his feet.

The accessibility of working parts is one of the many desirable features on our tractor.

THE WATERLOO BOY ONE MAN TRACTOR



Chassis

Main Frame—Four-piece 6-inch 10 $\frac{1}{2}$ -lb. channels, reinforced and braced. Height over all, 5 feet 3 inches. Width, 6 feet. Length 11 feet. Wheel base, 7 feet 6 inches.

Rear Wheels—52x12 inches. Equipped with either cone lugs for heavy soil, or angle iron grousers for sandy soil.

Front Wheels—28x6 inches, with angle iron grouser around entire circumference of wheel.

Rear Axle—2 $\frac{1}{2}$ inches steel, live axle with three adjust-

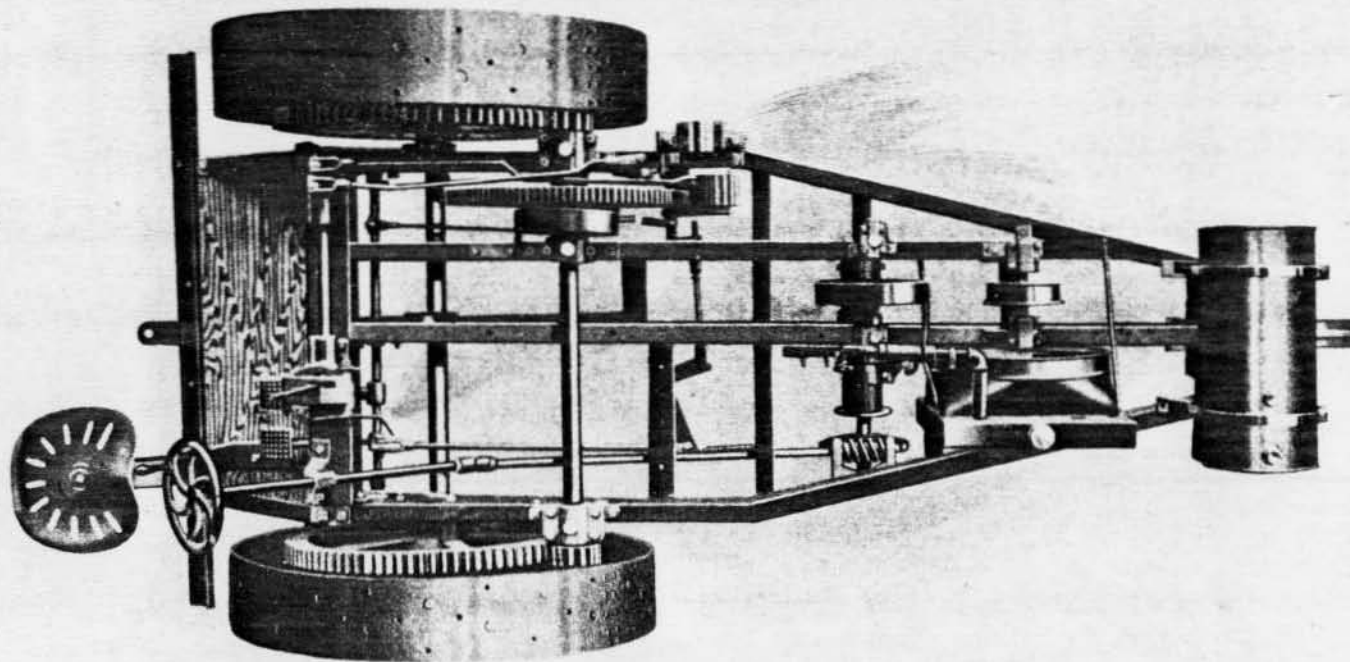
able bearings mounted in one solid casting, insuring perfect alignment.

Front Axle—Swinging type, ball bearing supports for chassis with substantial braces to hold same in position.

Sand Caps—On all wheels.

Bull Pinions—Steel.

Bull Gears—Semi-steel, 44 inches in diameter—automatic oilers serve these gears.



Chassis showing location of steering device, with shock absorbing springs, brake and clutch pedals, gears and gear shift, and the substantial reinforcing of the main frame.



THE WATERLOO BOY ONE MAN TRACTOR

Long Life

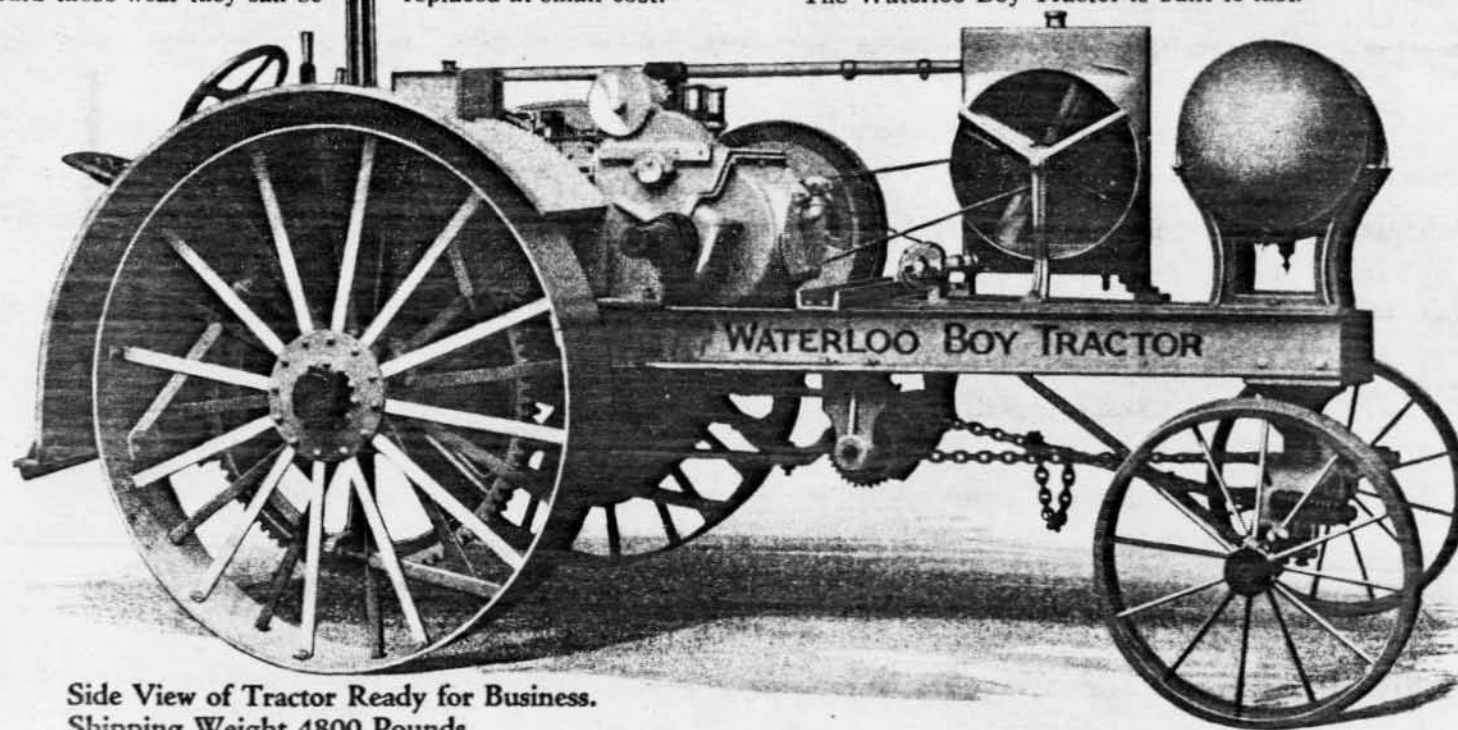
All the gears on our tractor except two are steel cut gears. Those subject to special wear are case hardened. All the bearings, chassis, are exception-est grade babbitt metal reinforced backing. Should these wear they can be replaced at small cost.

Wide, substantial bearings insure long life.

The motor is moderate speed, perfectly balanced, runs with a very slight vibration, is mounted on a strong, heavy angle iron frame braced and rebraced.

A well balanced slow speed motor on a solid foundation insures long life.

The Waterloo Boy Tractor is built to last.



Side View of Tractor Ready for Business.
Shipping Weight 4800 Pounds.

The torsion rods and spokes are all riveted to the rim, and go through heavy lugs in cast semi-steel bull gears which relieves the hub of all strain and transmits the power directly to the rim. The inspection cap and breather and the removable half of crank case are wholly unobstructed so that they can be easily taken off and all parts of the motor accessible for adjustment.



THE WATERLOO BOY ONE MAN TRACTOR

Goose Lake, Iowa, September 25, 1915.

Gents: I will write you a few lines to let you know what we did with the "Waterloo Boy" Tractor.

There is a man here who has a 32-inch Case Separator, fully equipped with self feeder, weigher and wind stacker. He dared me to pull his outfit. I took the little "Waterloo Boy" tractor and pulled his separator six miles on the road, up hill and down hill. While I moved the outfit through

Goose Lake I was lucky, for the town was full of teams and autos. You ought to have heard the people holler and yell.

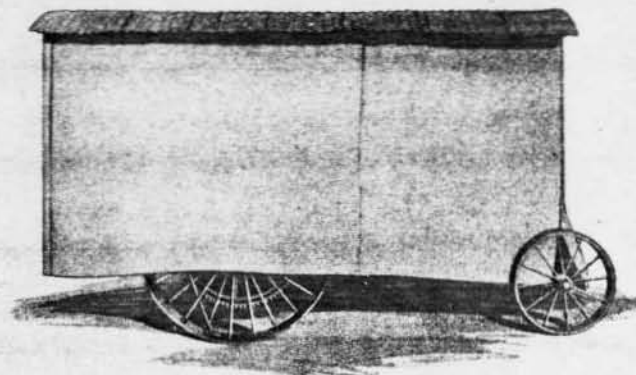
Well, I got to the farm. They set the separator, and we put the belt on and started to thresh. Say, you ought to see the people. I don't know how to express myself. Why, it was no work at all for the tractor. I threshed a day and a half. There were all kinds of people came to see the outfit and everyone was more than satisfied. I have certainly done you some good.

I passed a man on the road. He stopped and hollered: "Look at the mouse pulling an elephant!"

You will find the picture of the outfit where I was threshing. I can give you a sworn statement to these facts, if you desire.

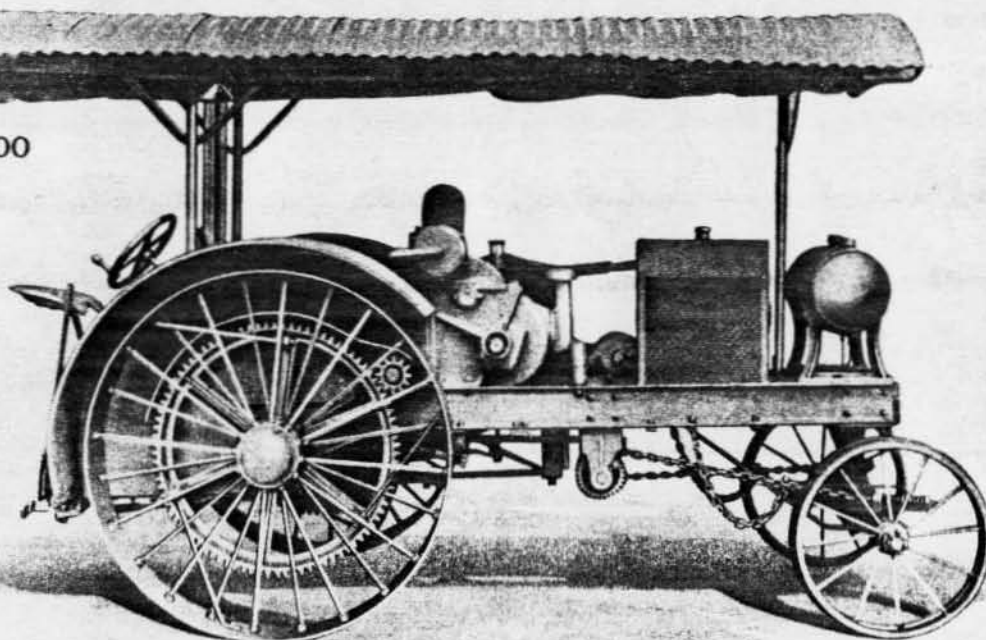
Yours truly,

F. G. HANSSEN.



Canopy with canvas curtains down.

"Waterloo
Boy"
Tractor
With
Canopy



Canopy is furnished with or without curtains. An extra charge is made for canopy and curtains.

Lyons, Ohio, April 30, 1915.

Dear Sirs: After using our Waterloo Boy 12-24 tractor to plow 35 acres of corn ground, and disking part of the ground, also for running a ten-inch grinder, will say that we are more than pleased with the work it has done.

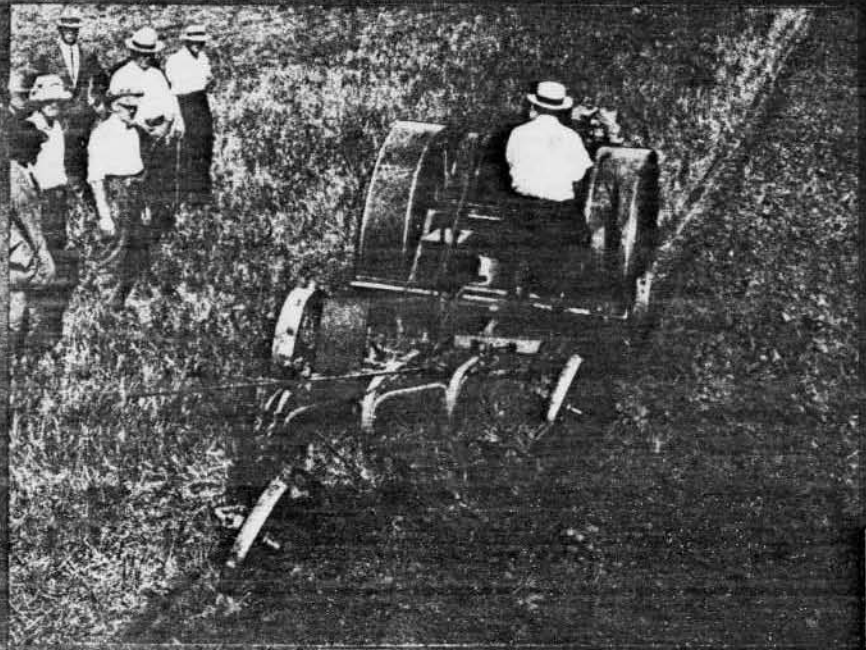
We have plowed in hard clay, and have been plowing today in yellow sand, and it handles the three plows at seven inches deep, plowing on an average three-fourths acre per hour, using about two gallons kerosene per hour.

As to disking, we used a double cut-away disc, and a three-section drag hitched behind the disc to fit a hard, lumpy ditch bank, and did a good job.

If anyone wishes to write us about it, we will be glad to answer their questions.

Yours truly,

S. E. HINKLE & SON



Gentlemen: Hills, Minn., Dec. 20, 1915.
 Please send me your catalog and price list of repairs for your tractor. I bought one of your tractors last season, and I like it fine. It pulled three 14-inch bottom plows very easily and the ground was very soft. I plowed from six to seven inches deep.
 Yours truly,
 JOHN NELSON, Jr.

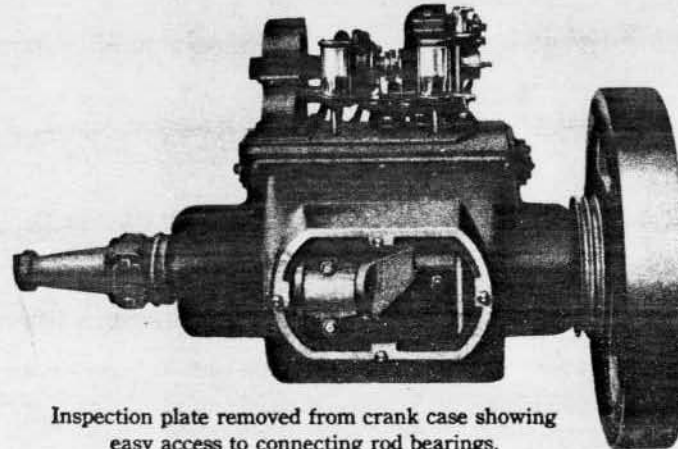


Partial view shop No. 2
 This building is 1000 feet long.
 Here is where the parts of
 "Waterloo Boy" Tractors
 are made and assembled.

THE WATERLOO BOY ONE MAN TRACTOR



Detailed Specifications of "Waterloo Boy" Two Speed Tractor.



Inspection plate removed from crank case showing easy access to connecting rod bearings.

Motor

The motor in the "Waterloo Boy" two speed tractor is the same as the one used on the one speed tractor except the bore is $\frac{1}{2}$ " larger, which gives an additional reserve power of from 4 to 6 H. P.

Bore— $6\frac{1}{2}$ " Stroke—7"

Brake Test—25 H. P.

Draw Bar Pull—12 H. P.

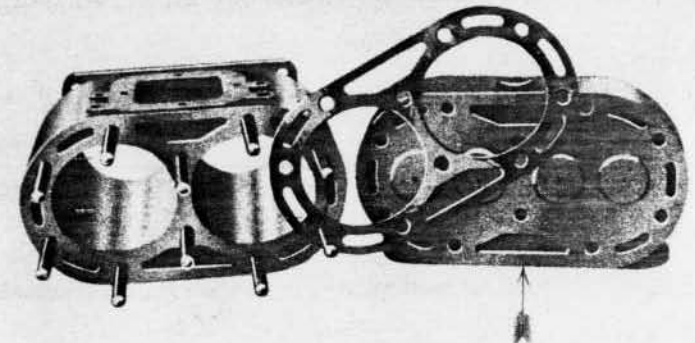
Speed of Motor—750 R. P. M.

Road Speed of Tractor { High—3
Low— $2\frac{3}{4}$
Reverse— $1\frac{3}{4}$ miles per hour.

In the illustration of the cylinder with the head removed, note the large water jackets around both the cylinders and the cylinder head. The valve cages in the cylinder head are water jacketed.

The top inspection plate of the cylinder is removed showing how easily it is to get into the water jacket. There is an inspection plate on the bottom of the cylinder of the same size as that on the top. When these two inspection plates are removed and the head is taken off, it is possible to remove easily any lime that may form on the water jacket. The cylinder head is packed with a double copper gasket with asbestos filling between, and is held in place by eight strong bolts.

The arrow points to the intake thru which the vaporized kerosene passes from the manifold into the cylinder. This intake is heated to almost a red heat. This insures positively against the vaporized kerosene re-liquefying before it gets into the explosion chamber. This, together with the manifold is the secret of the perfect burning of kerosene for which this motor is noted.



View of cylinders with cylinder head removed.



THE WATERLOO BOY ONE MAN TRACTOR

Detailed Specifications of "Waterloo Boy" Two Speed Tractor.

Clutch

The clutch is of the contracting single adjustment band type with non-burning composition lining. It is operated by hand lever conveniently situated and is self-locking.

Cooling

The motor is cooled by means of an extra large honey-comb type radiator with a large fan and suction pump. The fan and pump are driven by "V" belts from shieves fastened onto the side of the fly wheel.

Gear Case

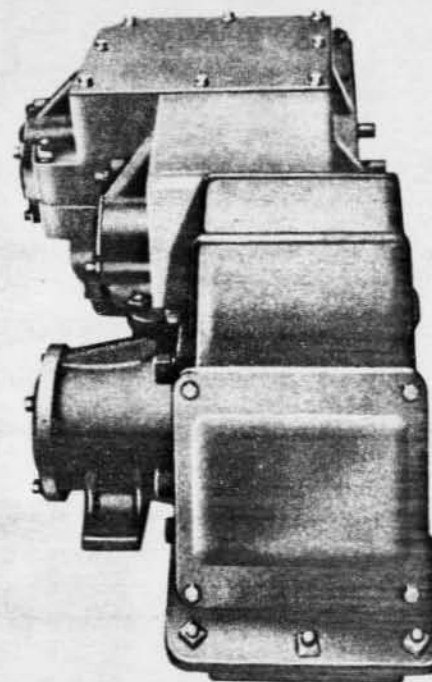
You see from the accompanying illustrations how this gear case is divided in the middle and the arrangement of the inspection plates. This is done to obtain easy access to all of the gears, and to all of the roller bearings in the gear case.

On the left side of the gear case, showing the inspection plates, is a short quill thru which the jack shaft extends. In this quill there are two roller bearings. Opposite this, on the right

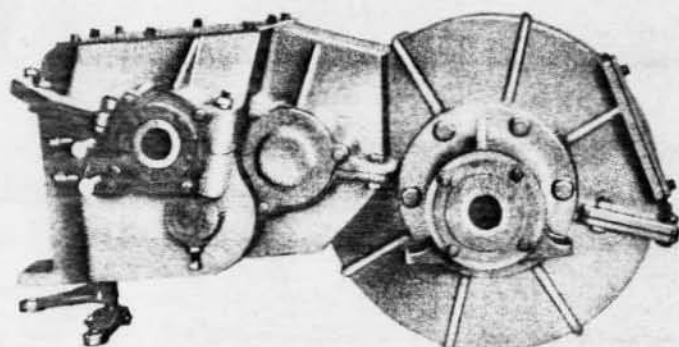
side of the gear case, is where the long quill is bolted, thru which the jack shaft extends. There are two roller bearings also in this quill.

This gear case makes a complete unit of transmission and compensating gearing. The gears and the roller bearings are all protected from dust and dirt and run in oil.

It is a simple matter to remove the top half of the case and thereby to obtain complete access to all of the gears and bearings which it contains. This feature coupled with a like feature of the motor, makes all of the working parts of our tractor extremely accessible. This is a point you should give great weight to



Looking down on transmission and differential gear case.



Looking at side of transmission and differential gear case.

THE WATERLOO BOY ONE MAN TRACTOR



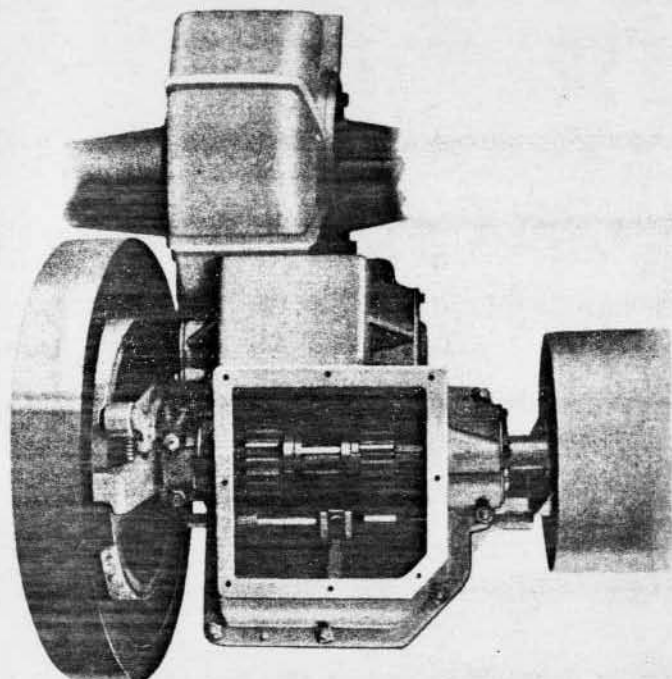
Detailed Specifications of "Waterloo Boy" Two Speed Tractor.

Gears

All of the gears contained in the gear case are drop forge, steel cut, and case hardened. They are wide, with coarse pitch and will endure for years the heavy strain they are designed to carry. These gears together with the roller bearings in the gear case run in a bath of oil.

Transmission

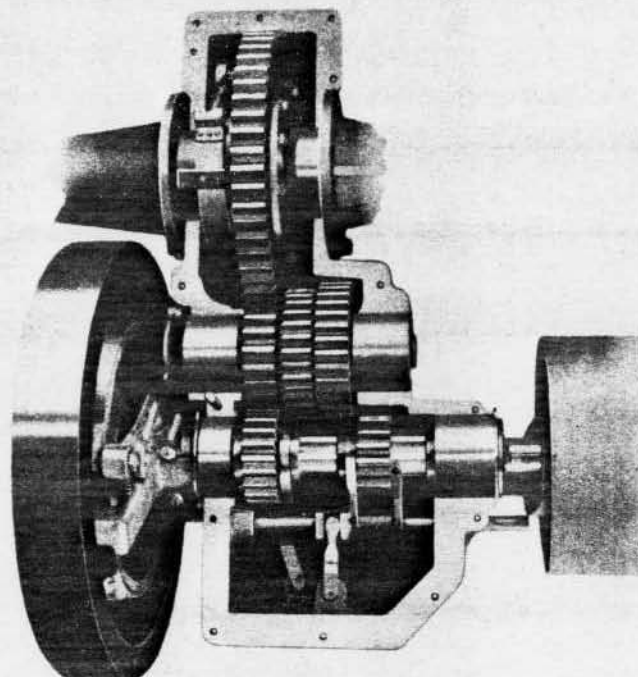
Selected type, steel gears with shifts for two speeds forward and one reverse. The forward speeds are 3 and



Looking into transmission gears.

in purchasing a tractor for it enables you to be your own expert.

There is nothing about the "Waterloo Boy" Tractor that you cannot do as well as anyone else if you are at all handy with machinery, excepting to time the valves and the magneto. Our instruction book gives detailed information so that you can even do these things with a little careful study.





THE WATERLOO BOY ONE MAN TRACTOR

Detailed Specifications of "Waterloo Boy" Two Speed Tractor.

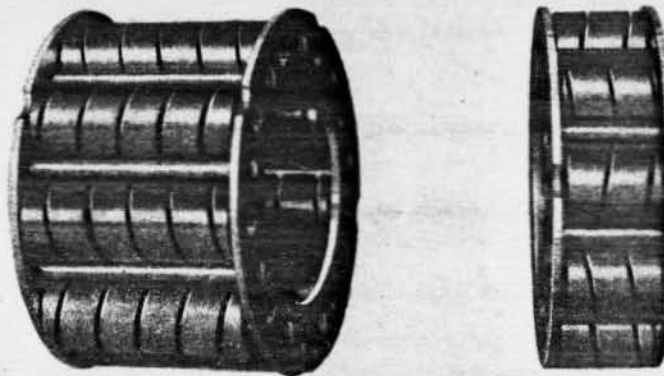
2 $\frac{1}{4}$ miles per hour, and the reverse speed is 1 $\frac{3}{4}$ miles per hour. The gears are in mesh only when traveling. There are no gears in mesh when doing belt work. The transmission has roller bearings thruout.

Differential

A detailed cut of the differential in the one speed tractor is shown on page 3. The differential in the two speed tractor is the same, excepting the differential drive gear—this is wider and not so large in diameter. The eight small differential pinions and the two inside differential gears are the same as used in the one speed tractor.

Control

The brakes are bolted on the jack shaft. They are operated by foot pedal. The gear shifts are of the automobile type. The shifting lever is handy to the operator.



Detailed view of Roller Bearings.

Chassis

The main frame is built of 3 piece, 6", 10 $\frac{1}{2}$ lbs. channel.

Height over all—5' 3"

Width—6'

Length—11'

Rear Base—7' 6"

Rear Wheels—52 x 12"

T Spokes

Front Wheels—28 x 6"

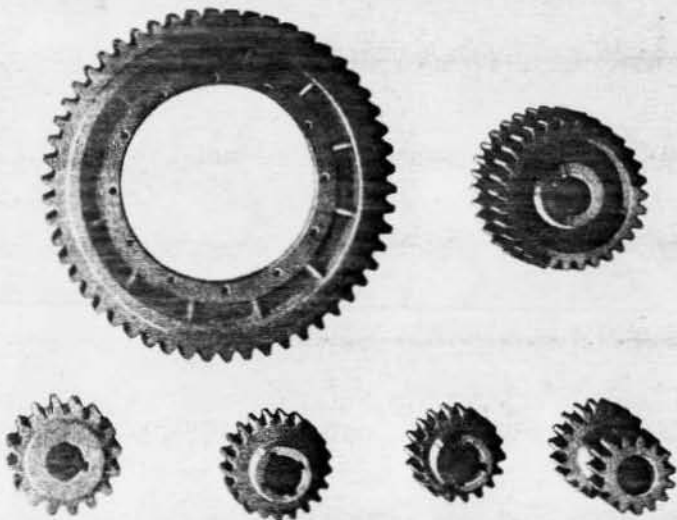
Rear Axle—2 $\frac{1}{2}$ ", steel, live with roller bearings.

Front Axle—Swinging type, ball bearing support for chassis.

The Main Drive Wheels are equipped with the internal drive.

The Bull Pinions and Master Gears are semi steel. The Main Gear is 44", pitch diameter with two pitch teeth.

The Bull Pinions are 6", pitch diameter. These gears are oiled by automatic oilers.



Detailed view of gears.

THE WATERLOO BOY ONE MAN TRACTOR



"The Profit of the Waterloo Boy"

Gentlemen:

Your tractor has given entire satisfaction. We use it for plowing, discing, road grading, and pulling stumps. We use about two gallons of kerosene per acre and about three gallons of gasoline per week for starting. Use a little more than a quart of lubricating oil per day.

The service given by your distributors has been satisfactory.

Yours truly,

L. A. TREADWAY.

Beardstown, Ill., Sept. 5, 1916.



Gentlemen:

Your "Waterloo Boy" Tractor has given good satisfaction. It does not use over fifteen gallons of kerosene per day and a small amount of lubricating oil.

The service your distributors have given us is excellent.

Yours truly,

L. B. CLAYPOOL.

Buffalo Hart, Ill., Aug. 24, 1916.



STATEMENT OF JOHN F. SILLS, LOMA, MONT. REGARDING WORK DONE BY HIS "WATERLOO BOY" TRAC- TOR FOR EIGHT MONTHS TO OCTOBER 26th, 1916.

Expense

Coal Oil, 30 bbls.	\$244.41
Gasoline, 2 1/2 "	30.28
Lubricating Oil	95.72
Batteries, Pinions, Spark Plugs, etc.	30.74

410.15

Income

	Acres	Per A.	
Sod Plowing & Packing with two 14" breakers and 800 lb. packer	117	4.50	535.50
Sod Plowing with two 14" Breaker Bottoms	115	4.00	460.00
Stubble Plowing with 3 14" bottoms	67	3.00	201.00
Double discing & harrowing each 8' wide	415	1.25	518.75
Double Discing & Seeding Each 8' wide	20	1.50	30.00
Seeding & Harrowing 11' Seeder & 12 ft. drag	200	.75	150.00
Total Income			1886.25
Expense			410.15
Net Income			1476.10

Average of 8 acres per day in plowing with two bottoms and 11 with three bottoms.

Average of 25 acres per day in double discing and seeding. All above number of acres string measured except 30 which were drill measured. Prices are figured at the extreme minimum and customer stated that he is prepared to furnish affidavit concerning above facts.

Milford, Ill.,

Aug. 20, 1916.

Gentlemen:

Your tractor has given the best satisfaction. I plowed seventy acres of ground in eight days with a 3 bottom John Deere Plow, did most of my discing with it in, pulling two 18" wheel discs at all times. I kept close record of the cost of operating. \$2.00 a day will pay for all fuel and lubricating oil when doing full day's work. On light work it will be much less. I consider it a very economical machine.

The service given by your distributors has been very satisfactory at all times.

Yours truly,

GEO. M. BREEDING.

Stromsburg, Nebr.,

Oct. 30, 1916.

Gentlemen:

Your tractor is O. K. It is cheap to operate. I do not use more than two gallons of kerosene to the acre plowing a good depth with three bottom 14" John Deere Plow.

I plowed old alfalfa, some sod pasture, stock and stubble ground without trouble.

I use the tractor to pull a 28" Steel Case Threshing Machine, and thresh 33 loads of wheat to a barrel of kerosene.

The tractor is easy to handle, easy to get at working parts and has the power. I am well pleased with it.

Yours truly,

CHAS. W. CARLSON.



First Impressions.

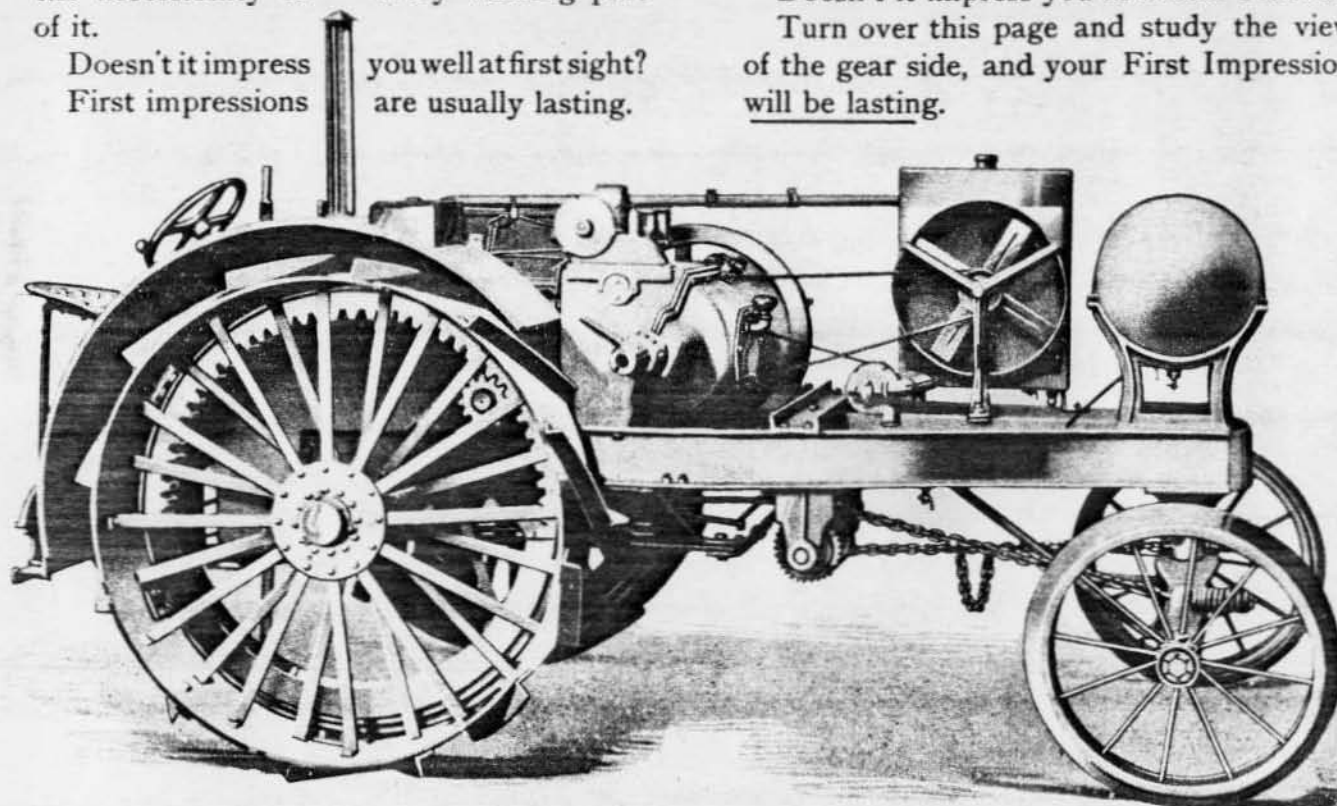
Take a good look at this Tractor.
Study the lines of it, the design of it,
the accessibility to every working part
of it.

Doesn't it impress you well at first sight?
First impressions are usually lasting.

Doesn't it grow on you as you fix your
attention on its details?

Doesn't it impress you as a Real Tractor?

Turn over this page and study the view
of the gear side, and your First Impression
will be lasting.



View of Motor Side Tractor
Shipping Weight 5000 pounds

OUR AIM

To merit the good will and confidence of each customer by deserving it.
 To make ourselves necessary to each customer by giving him quality, service and price that he cannot get elsewhere.
 To so deal with each customer that he will go out of his way to get his friends to patronize us.
 To make each customer's dollar go the farthest possible by giving him the highest quality at the lowest price.
 To treat every customer with like courtesy and consideration, whether large or small, rich or poor.
 To so care for every detail of business, whether large or small, that it will win the enthusiastic co-operation of all our customers and reflect credit on the name of the
 Waterloo Gasoline Engine Co.

JUNE 1 1915
WATERLOO BOY DAY,
 IN HITCHCOCK-OKLAHOMA.
 CRONKHITE DELIVERING 8 WATERLOO BOYS FOR HARVEST

GEO. MOFFNER.

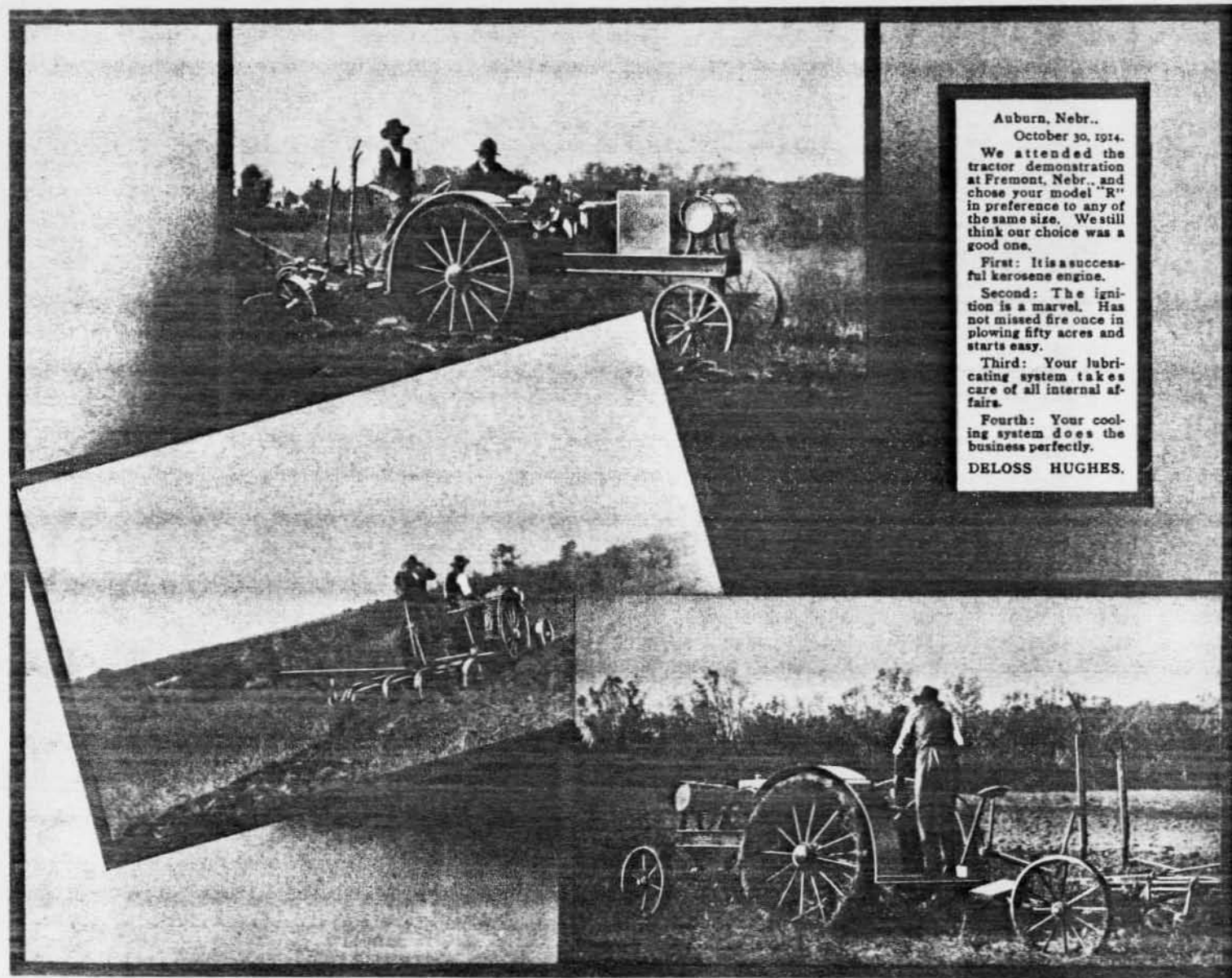
SECLESTER.

GEO. KLEIN.

GEO. MIER.

Hitchcock, Okla.
 There were nine "Waterloo Boy" tractors at Hitchcock in harvest fields around here this season. All were hitched to 8-ft. binders, except two, one of which was hitched to a 10-ft. Deering push binder, the other to a 12-ft. McCormick push binder. They have all done satisfactory work, notwithstanding we had an exceptionally wet harvest. It was thru the success of these tractors that I was enabled to sell the others that I sold. I am confident I will sell at least fifty tractors next season.

J. E. CRONKHITE.



Auburn, Nebr..

October 30, 1914.

We attended the tractor demonstration at Fremont, Nebr., and chose your model "R" in preference to any of the same size. We still think our choice was a good one.

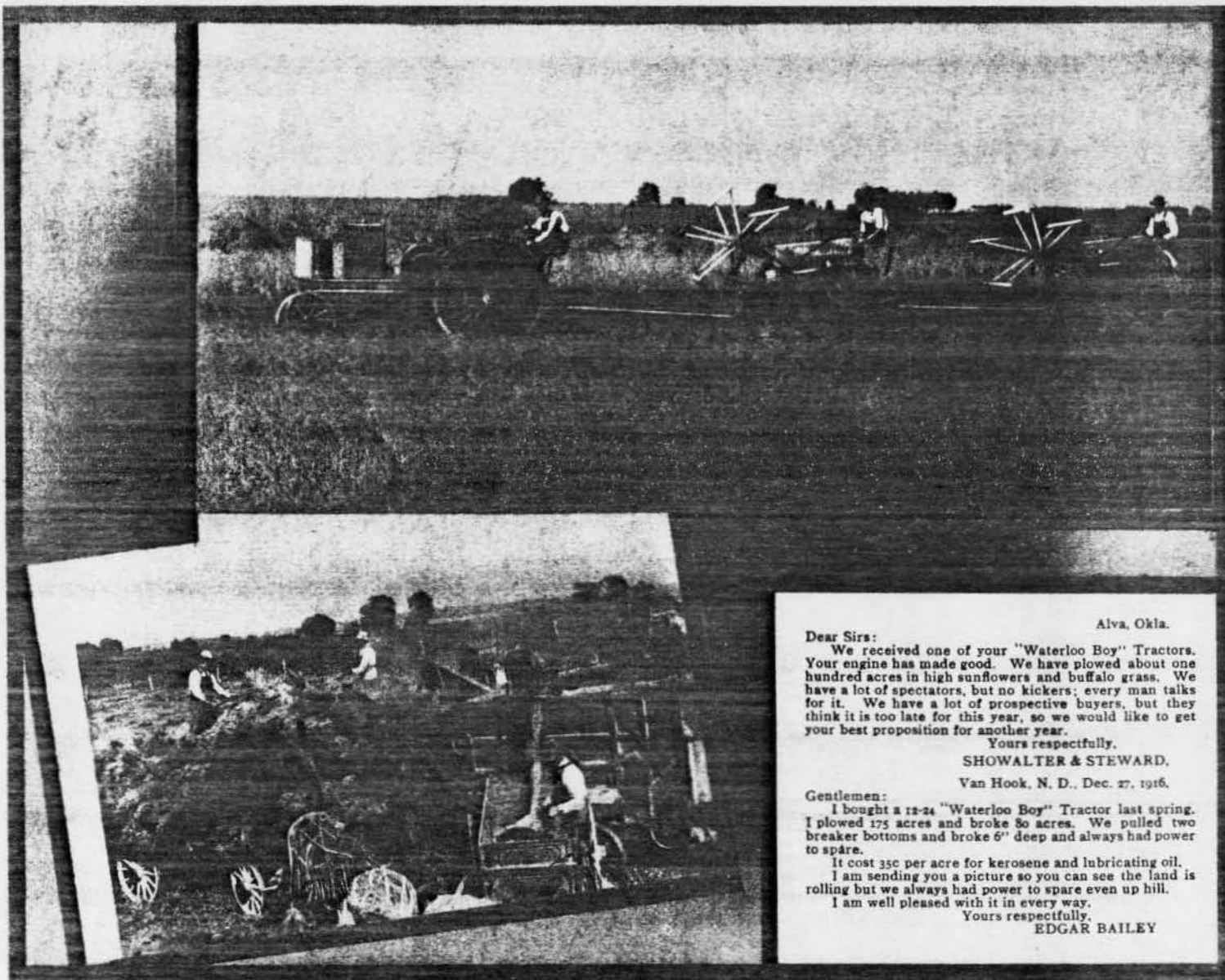
First: It is a successful kerosene engine.

Second: The ignition is a marvel. Has not missed fire once in plowing fifty acres and starts easy.

Third: Your lubricating system takes care of all internal affairs.

Fourth: Your cooling system does the business perfectly.

DELOSS HUGHES.



Alva, Okla.

Dear Sirs:

We received one of your "Waterloo Boy" Tractors. Your engine has made good. We have plowed about one hundred acres in high sunflowers and buffalo grass. We have a lot of spectators, but no kickers; every man talks for it. We have a lot of prospective buyers, but they think it is too late for this year, so we would like to get your best proposition for another year.

Yours respectfully,

SHOWALTER & STEWARD,

Van Hook, N. D., Dec. 27, 1916.

Gentlemen:

I bought a 12-24 "Waterloo Boy" Tractor last spring. I plowed 175 acres and broke 80 acres. We pulled two breaker bottoms and broke 6" deep and always had power to spare.

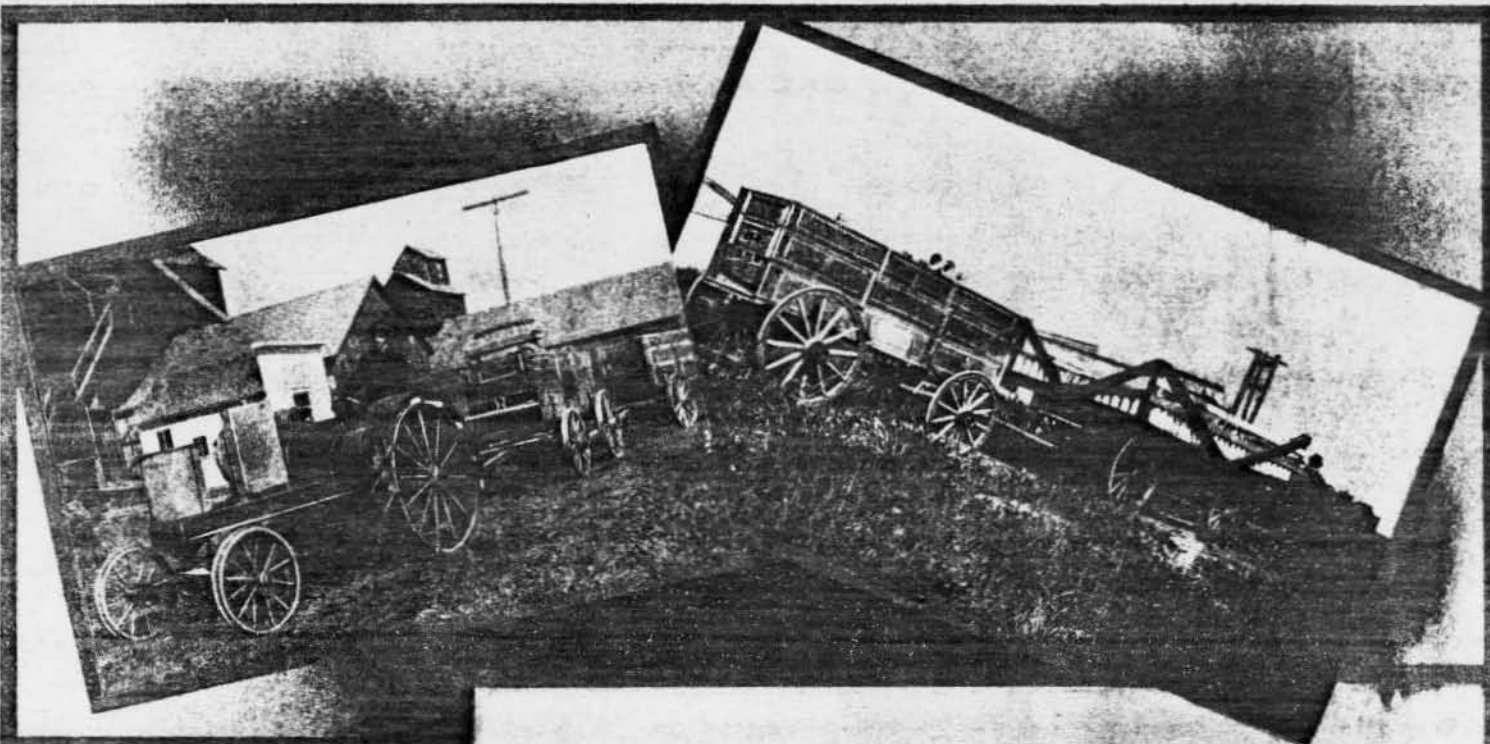
It cost 35c per acre for kerosene and lubricating oil.

I am sending you a picture so you can see the land is rolling but we always had power to spare even up hill.

I am well pleased with it in every way.

Yours respectfully,

EDGAR BAILEY



Groton, S. D., Oct. 18, 1915.

Dear Sirs:

We have been using the "Waterloo Boy" Model R Tractor every day. I think it is O. K. We are pulling three plows up and down hill, through gumbo and everything.

There are also other tractors working in this locality, but everybody claims the "Waterloo Boy" beats them all.

There will be quite a demand for these tractors next year.

Yours truly,
GEORGE WEGNER.



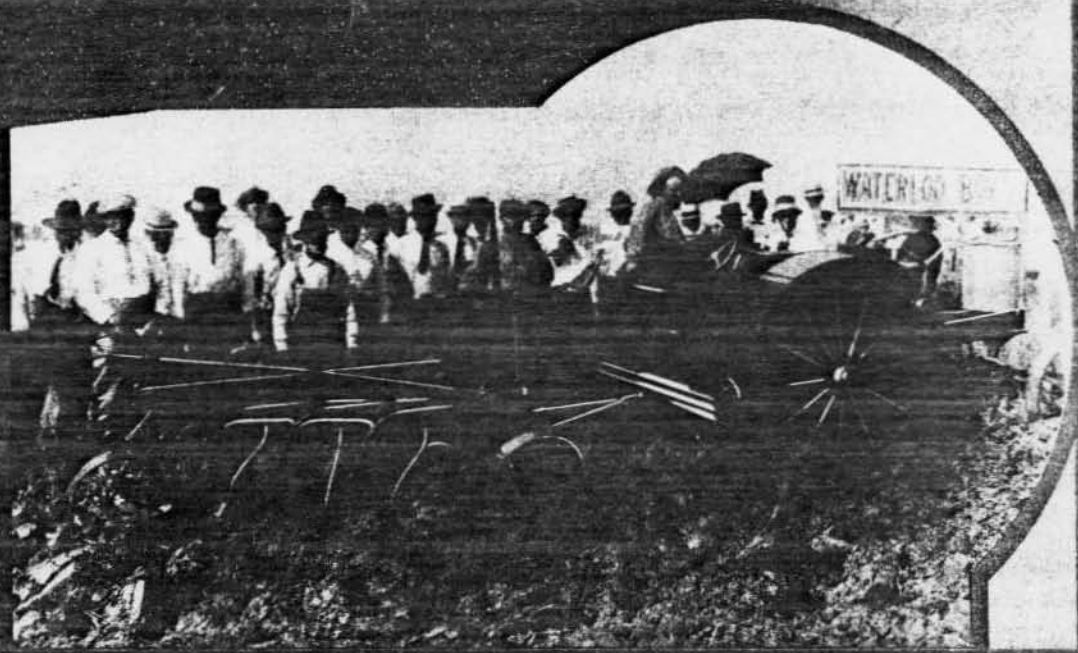


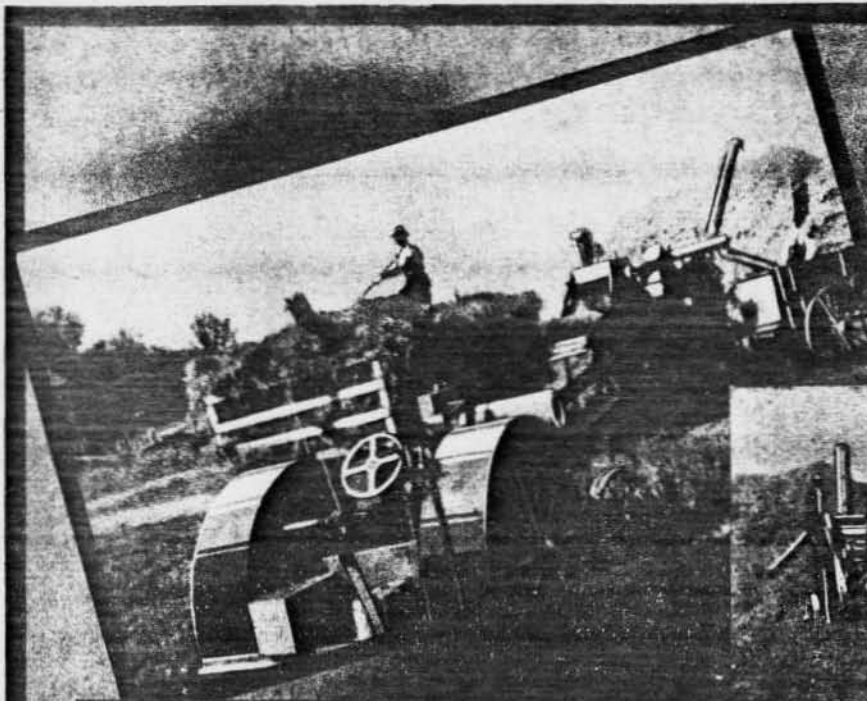
Upland, Nebr. Dec. 20, 1916.
We sold to Messrs. Olsen Bros. and J. H. Jensen, one of your tractors, guaranteeing the same to pull a Type A-2 Belle City Cutter satisfactorily.

We made this guarantee with a good deal of hesitation. We knew that these gentlemen would get all the power out of the engine that was in it and be fair with us, but at the same time, we knew that it had taken a 16 H. P. Steam Engine to operate this silo filler to its full capacity.

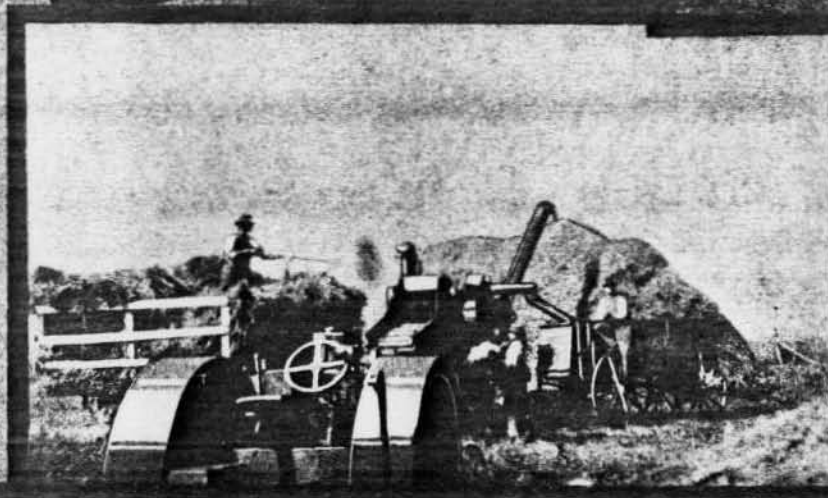
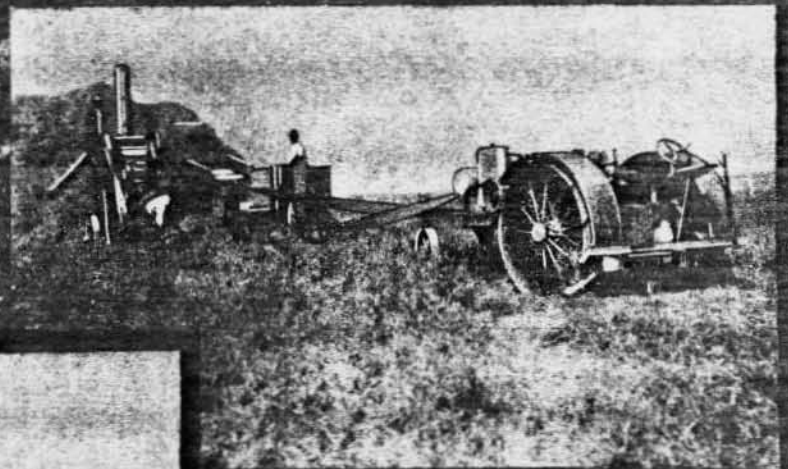
We are glad to say that the tractor did the work to the satisfaction of these men. By careful feeding they elevated the fodder into a 30 ft. Silo. They had no complaint to make on the power that the tractor delivered.

Yours truly, HANSEN BROS.
Anton Hansen





Threshing time with the "Waterloo Boy" Tractor made pleasant and profitable. Operating 28-inch separator with self-feeder, weigher and wind stacker.



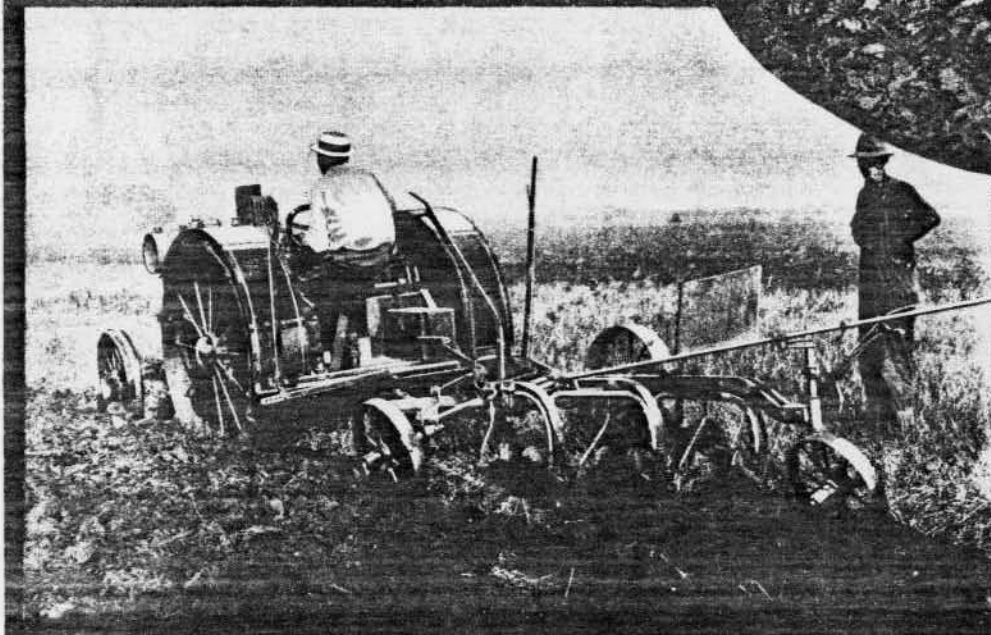
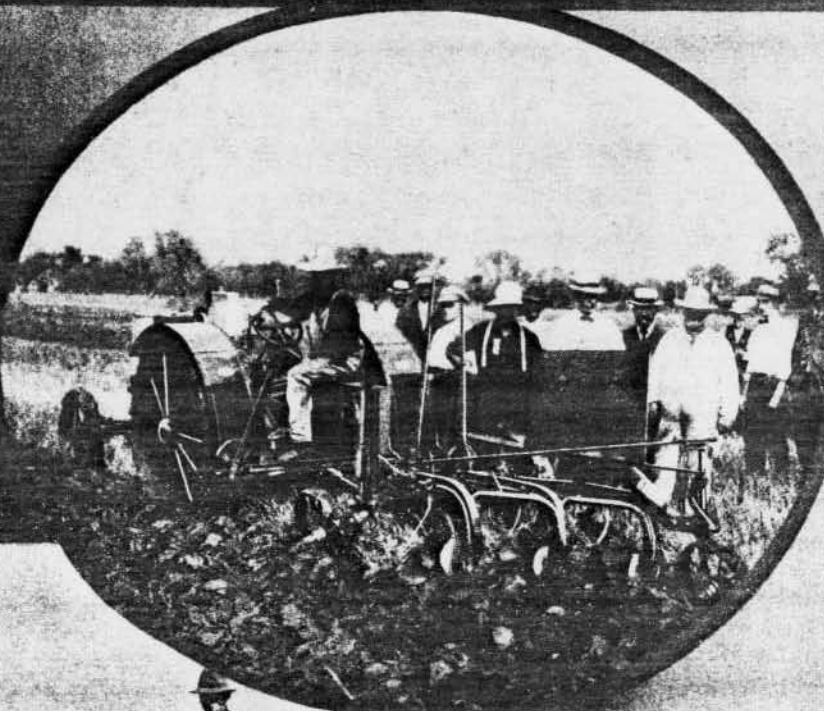
Dyersville, Iowa, Oct. 28, 1915.

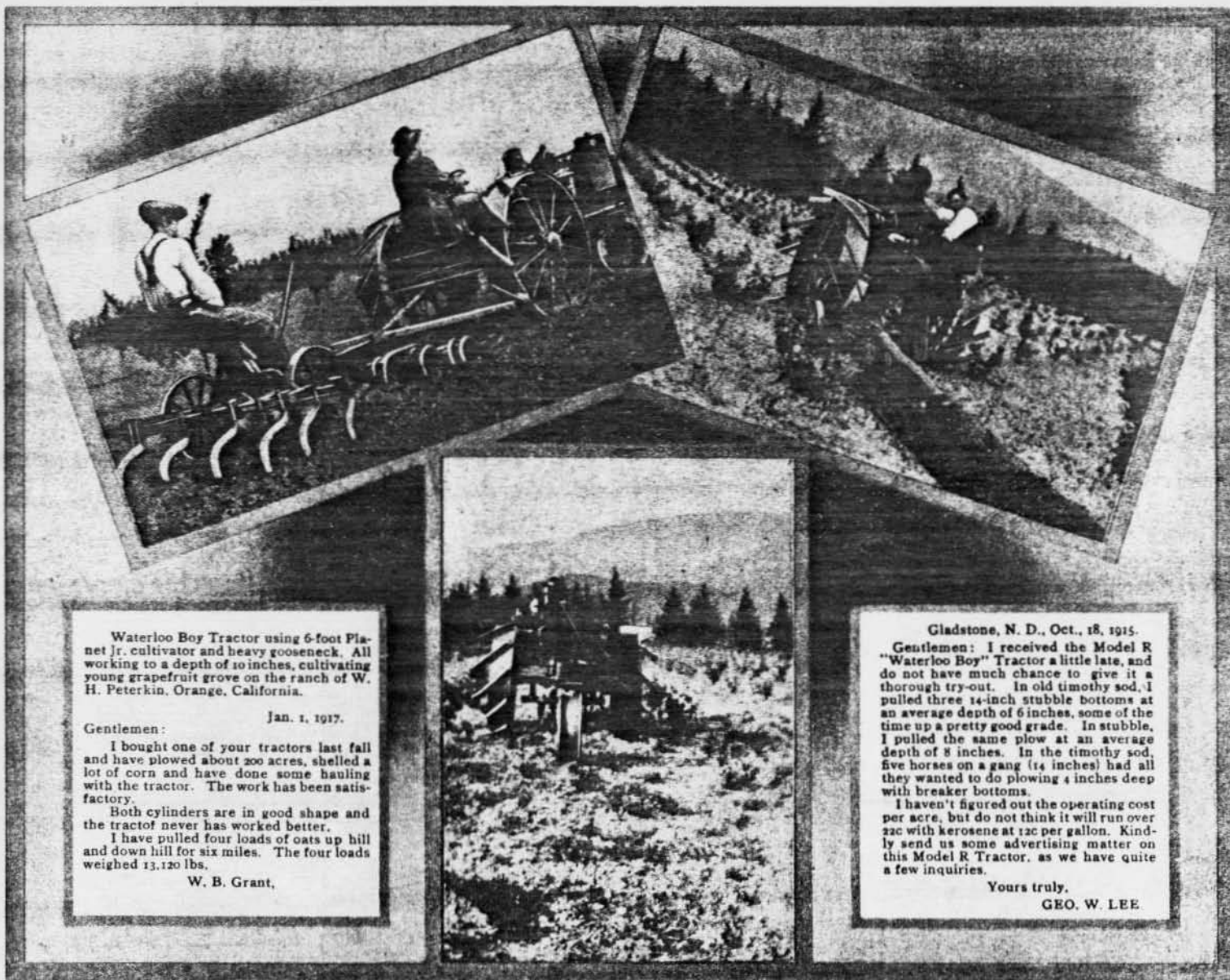
Dear Sirs:

We used the "Waterloo Boy" Model B Tractor to fill two silos, and are well pleased with it. The tractor handled the ensilage cutter better than we expected it to.

We are just in receipt of a three bottom 14-inch P. & O. gang, and will likely start plowing next Monday. If it handles the plow as satisfactorily as the ensilage cutter, it certainly is a dandy. We expect to get many prospects to come and see the plowing when we get started.

J. G. KOELKER.





Waterloo Boy Tractor using 6-foot Planet Jr. cultivator and heavy gooseneck. All working to a depth of 10 inches, cultivating young grapefruit grove on the ranch of W. H. Peterkin, Orange, California.

Jan. 1, 1917.

Gentlemen:

I bought one of your tractors last fall and have plowed about 200 acres, shelled a lot of corn and have done some hauling with the tractor. The work has been satisfactory.

Both cylinders are in good shape and the tractor never has worked better.

I have pulled four loads of oats up hill and down hill for six miles. The four loads weighed 13,120 lbs.

W. B. Grant,

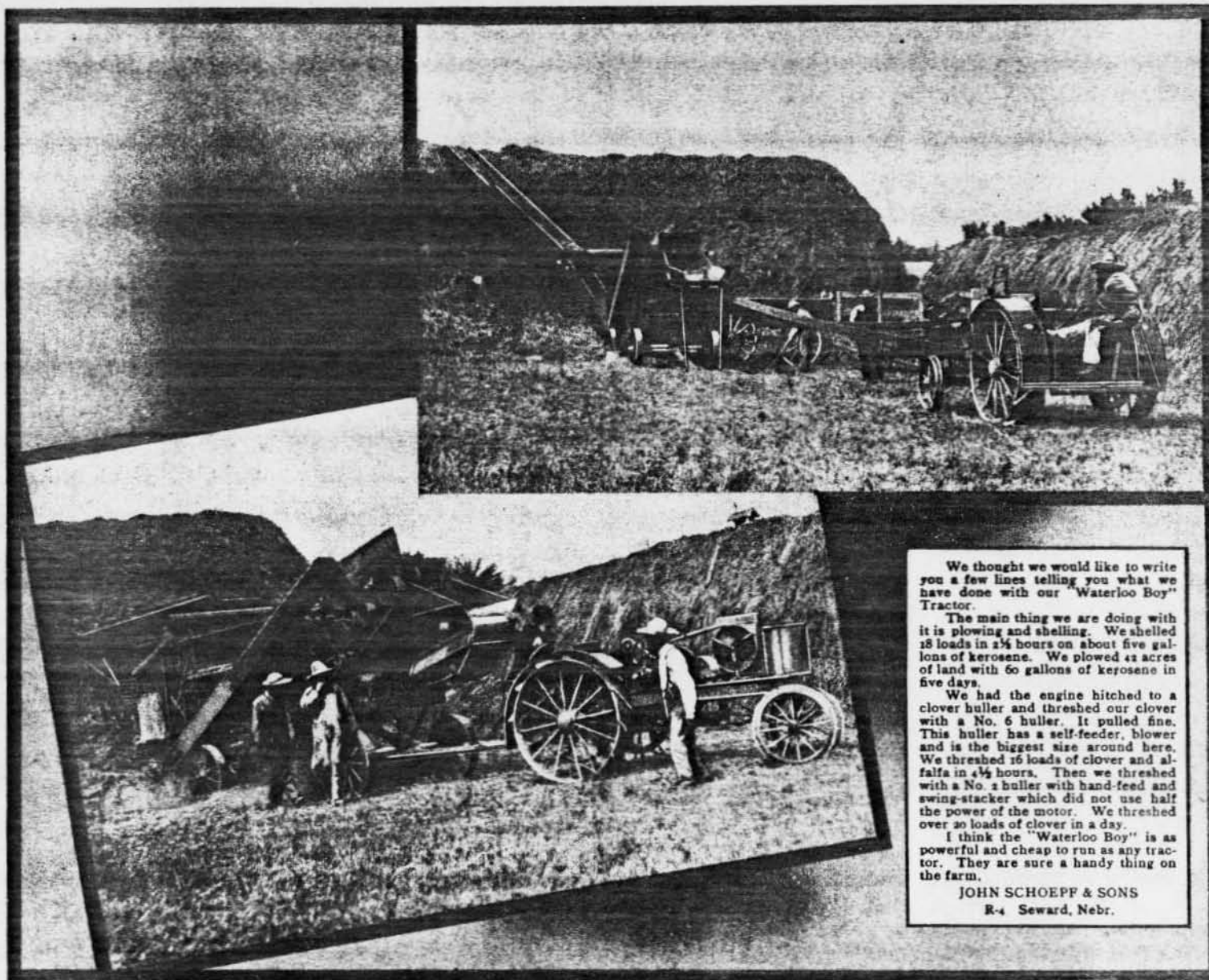
Gladstone, N. D., Oct., 18, 1915.

Gentlemen: I received the Model R "Waterloo Boy" Tractor a little late, and do not have much chance to give it a thorough try-out. In old timothy sod, I pulled three 14-inch stubble bottoms at an average depth of 6 inches, some of the time up a pretty good grade. In stubble, I pulled the same plow at an average depth of 8 inches. In the timothy sod, five horses on a gang (14 inches) had all they wanted to do plowing 4 inches deep with breaker bottoms.

I haven't figured out the operating cost per acre, but do not think it will run over 22c with kerosene at 12c per gallon. Kindly send us some advertising matter on this Model R Tractor, as we have quite a few inquiries.

Yours truly,

GEO. W. LEE



We thought we would like to write you a few lines telling you what we have done with our "Waterloo Boy" Tractor.

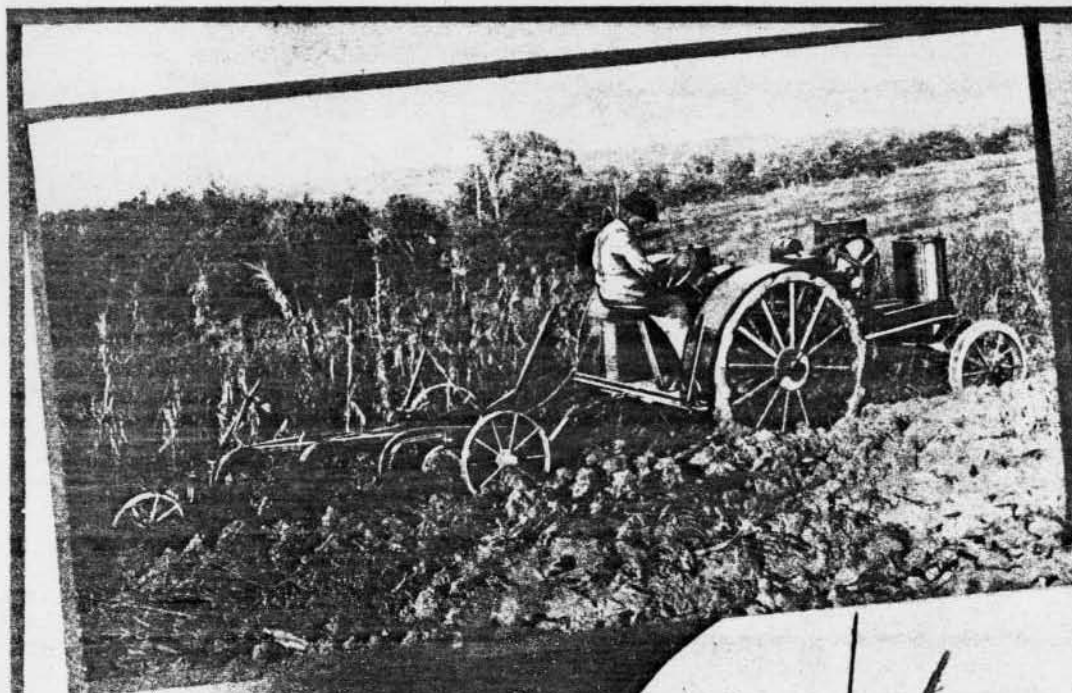
The main thing we are doing with it is plowing and shelling. We shelled 18 loads in 2 1/4 hours on about five gallons of kerosene. We plowed 42 acres of land with 60 gallons of kerosene in five days.

We had the engine hitched to a clover huller and threshed our clover with a No. 6 huller. It pulled fine. This huller has a self-feeder, blower and is the biggest size around here. We threshed 16 loads of clover and alfalfa in 4 1/4 hours. Then we threshed with a No. 2 huller with hand-feed and swing-stacker which did not use half the power of the motor. We threshed over 20 loads of clover in a day.

I think the "Waterloo Boy" is as powerful and cheap to run as any tractor. They are sure a handy thing on the farm.

JOHN SCHOEPP & SONS

R-4 Seward, Nebr.



As fine a job plowing as you ever saw on Col. Samuel's farm, Dallas, Texas.

"Waterloo Boy" pulling a heavy engine 4-disc plow, 7 inches deep, cutting 40 inches wide in "Texas black wax," and dragging a 5-foot harrow, leaving the ground in elegant condition.

Upper picture—Pulling a 3-bottom 12-inch gang 10 inches deep, cutting 31 inches.

Shreveport, La., Dec. 27, 1916.
Waterloo Gasoline Engine Co.,
Waterloo, Iowa.

Gentlemen:

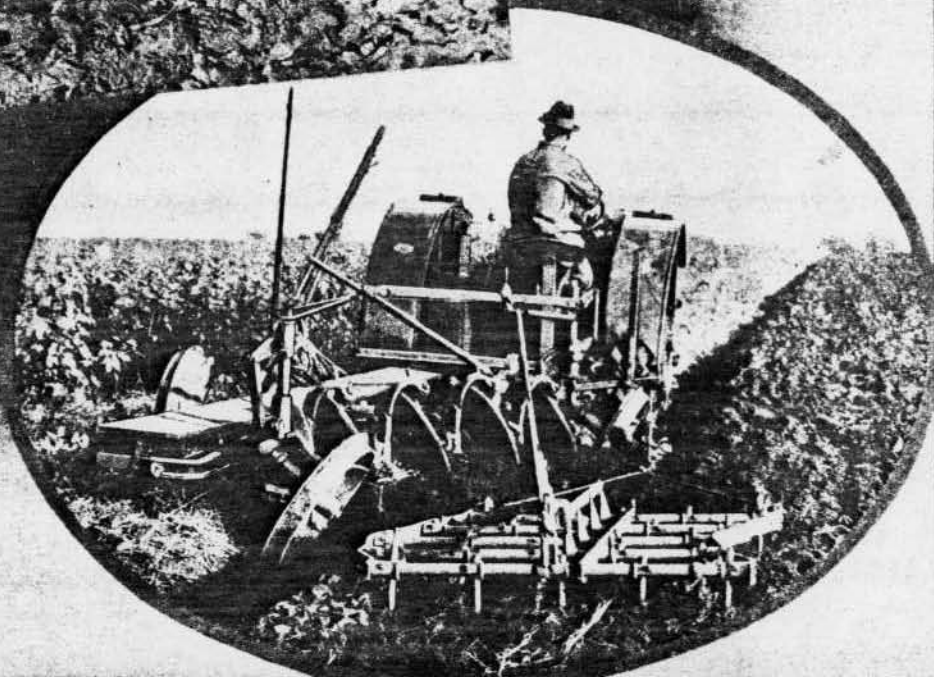
Our "Waterloo Boy" Kerosene Tractor purchased last May, has given entire satisfaction. I burn crude oil from my own place in this engine.

The cost of up-keep of this engine has been nothing, and the mechanism seems in as good a condition as when received.

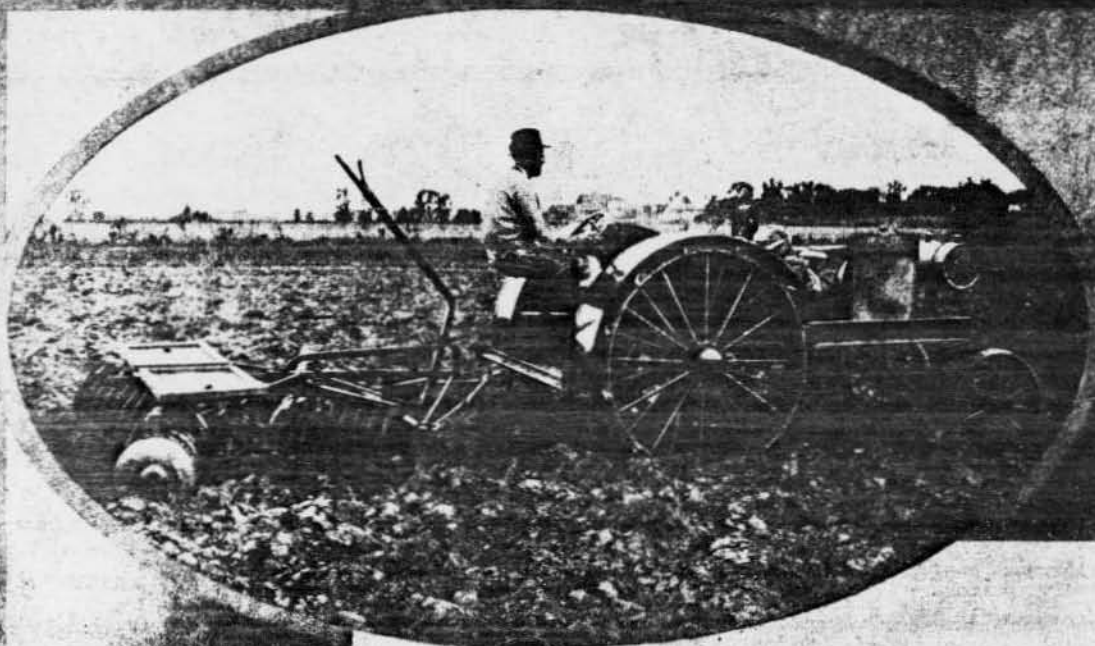
We have plowed over 400 acres, averaging 8 acres a day, pulling a 3 bottom 26" Sanders Disc Plow.

To sum the whole situation up, I am satisfied.

Very truly yours, MINOR MERIWETHER.





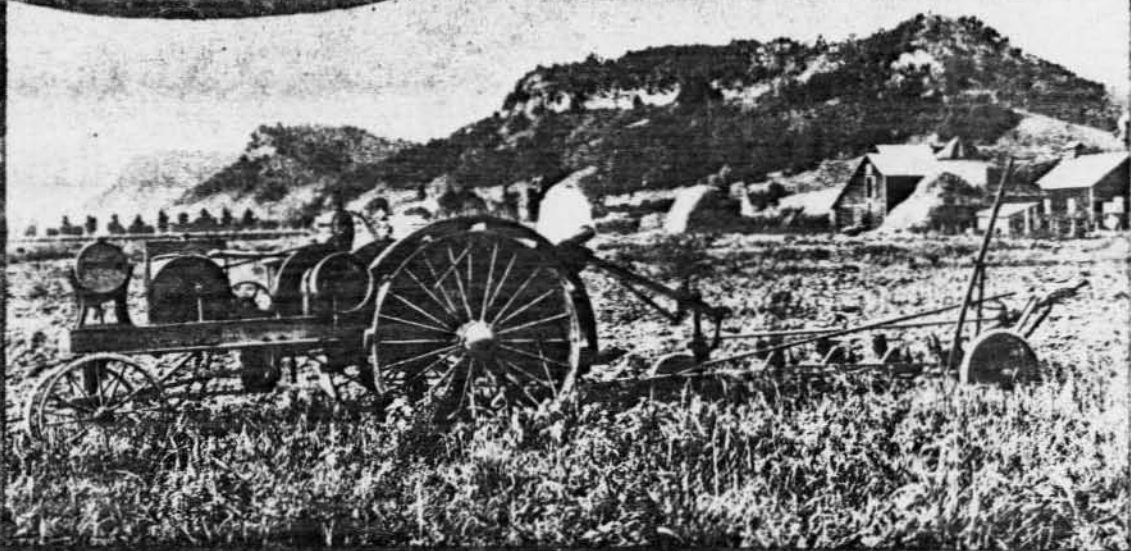


Rudd, Iowa.
June 7, 1915.

Gentlemen:

The 12-24 kerosene tractor I purchased of your agent, Steuben & Peters, this spring, just works fine. I put in 125 acres grain in a short time. I pulled with ease one 16x16 and one 18x18 disc harrow at full speed of the lever, which would give eight horses all they could do. I never had to slack up to rest or lose any time. I heartily recommend the "Waterloo Boy" Tractor. It is the best I ever saw. I looked several other tractors over before I bought.

E. RUDD.

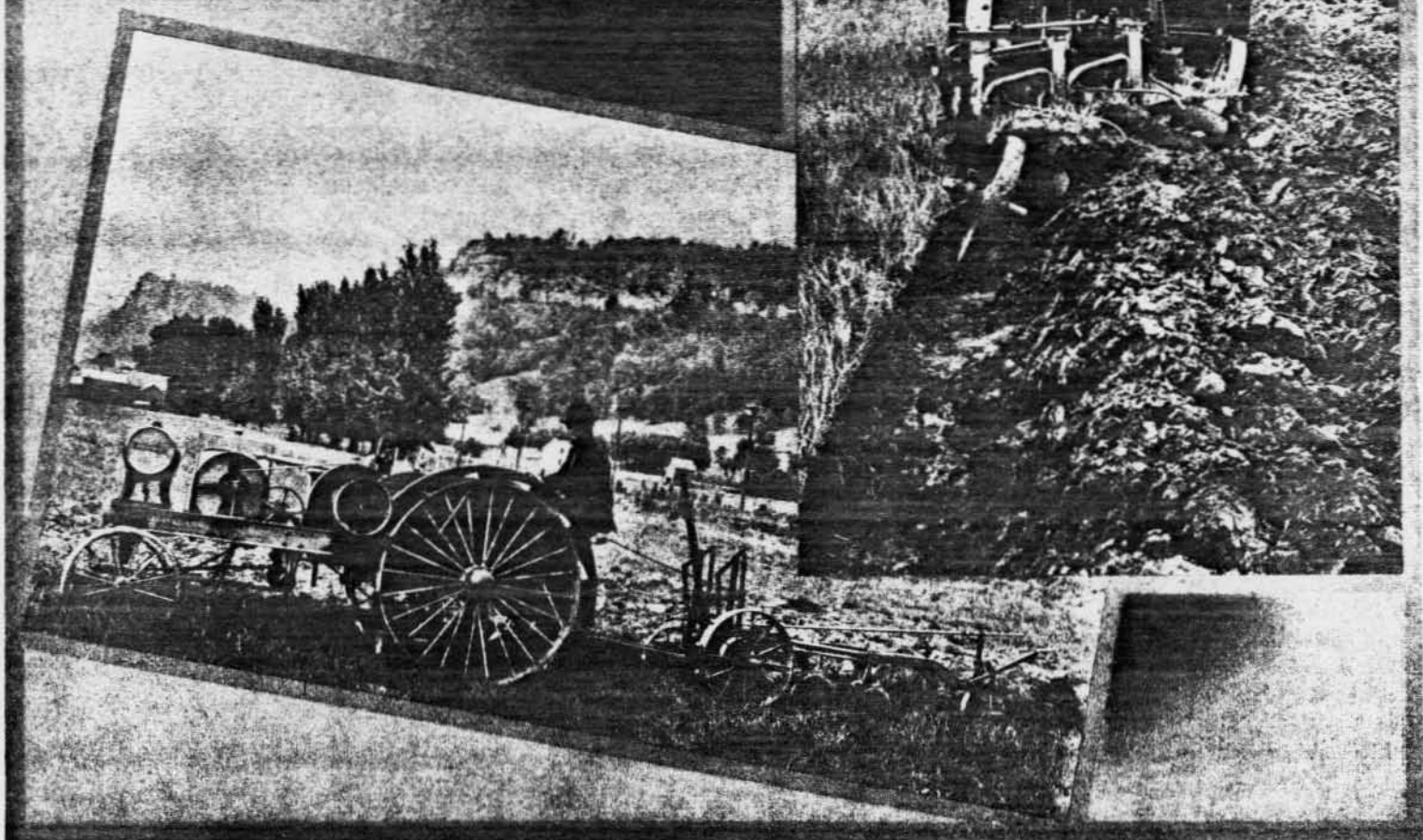


Noremac, Sask., November 21, 1915.

Dear Sir: I haven't done much but to plow with the tractor. This land is exceptionally heavy. I can break from four to five acres a day, pulling two 14-inch plows at an average depth of $4\frac{1}{2}$ inches, which is a good 10-horse load, using four gallons and a half of kerosene. I used barely a quart of standard gas engine oil.

I have been pulling a 10-foot double disc loaded right down with stones. The motor has power to pull it but the wheels haven't grip enough. Can you give me price on extension rims?

JAMES H. GRUBB.





Hanley, Sask., December 2, 1915.

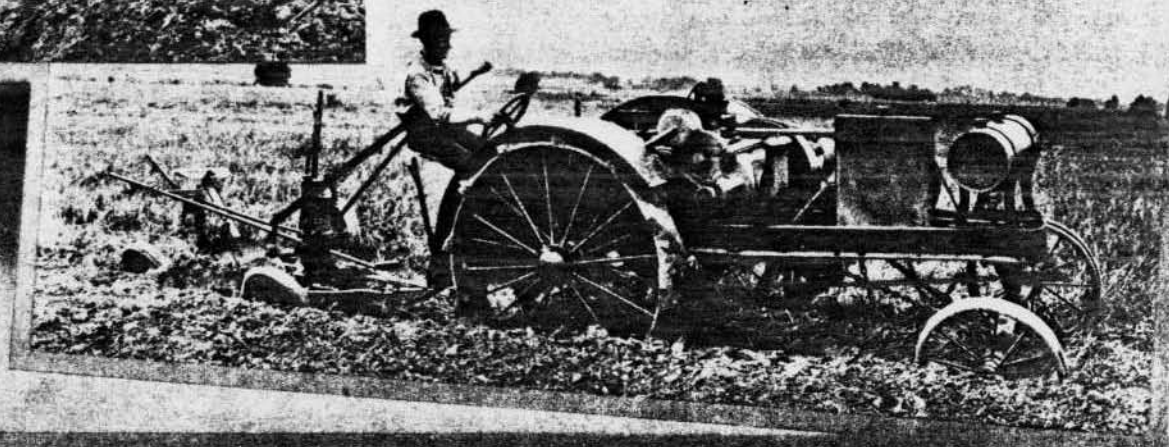
Dear Sirs: My "Waterloo Boy" Model "R" Tractor used about three gallons of kerosene and 1-10 of a gallon of oil per acre while breaking heavy land about 4 inches deep. I broke 230 acres, double disked about 500 acres and threshed 18,000 bushels of grain with it this summer. I run a 28x42 Goodison with self feeder and wind stacker. It required about 15 gallons kerosene and about a quart of cylinder oil for a ten-hour day while threshing.

It certainly is a pippin of an engine. It has caused any amount of comment.

During the month of June I averaged seven acres per day, breaking with two bottom 12-inch gang. This was a real light load for the engine, but considered it advisable to travel light on account of there being so much rain. I have plowed while the furrow was completely filled with water, when the heavy engine would never dream of working. While disk-ing, I pulled two 8-inch discs with harrows behind. It handles this load nicely.

Yours truly,

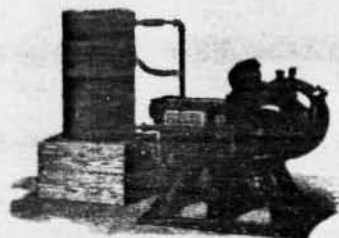
E. C. HARALDSON.



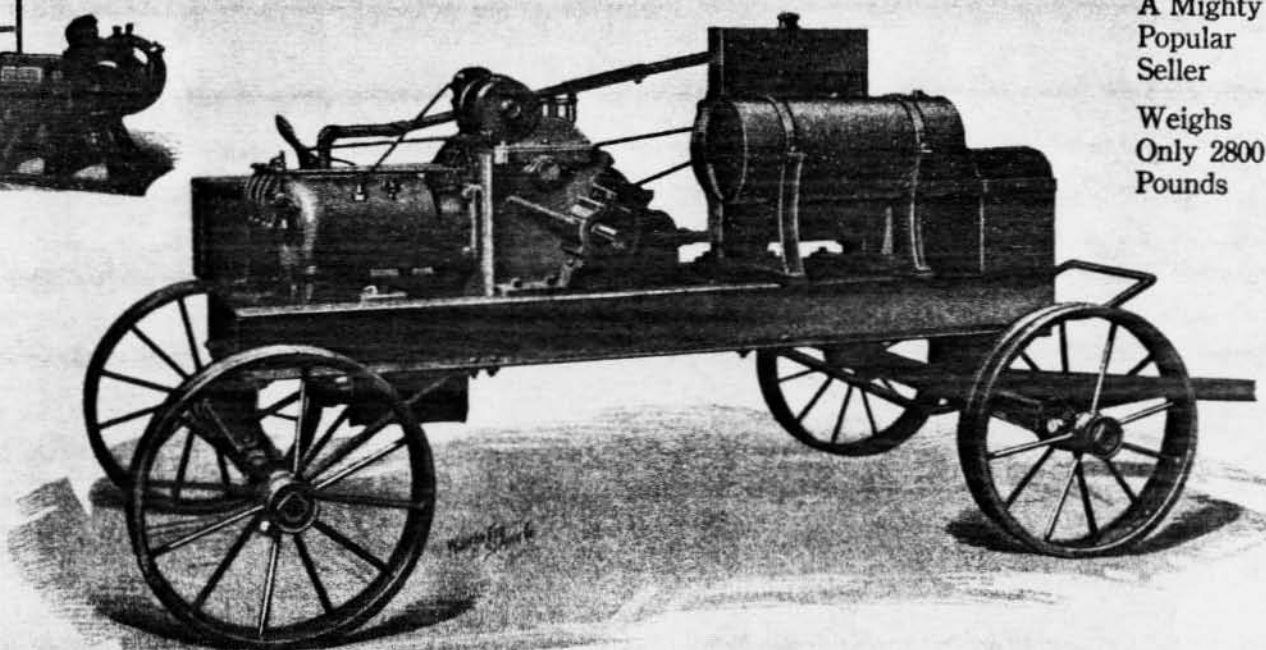
"Waterloo Boy" 24 H. P. Twin Cylinder Portable

With Pump, Fan and Radiator Cooling System

Most Practical Light Weight, Heavy Duty Engine on the Market



24 H. P.
Twin
Cylinder
Stationary
Engine
With
Friction
Clutch
Pulley



A Mighty
Popular
Seller

Weights
Only 2800
Pounds

A PRONOUNCED SUCCESS

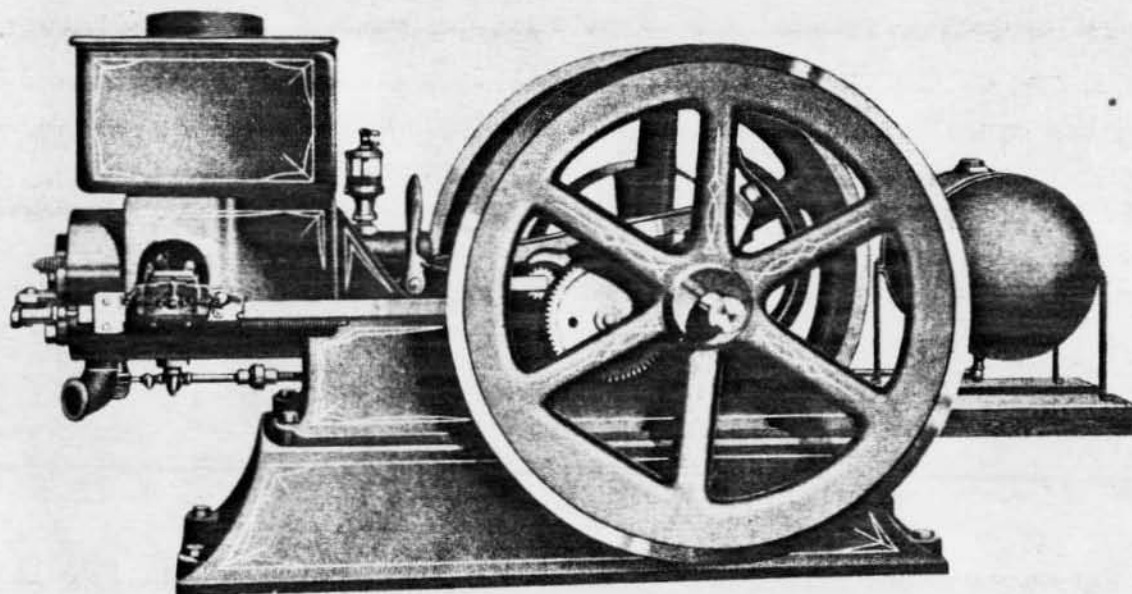
Twenty years of constant service of "Waterloo Boy" Gasoline-Oil Engines on thousands of farms thruout the world has proven these engines a pronounced success Over these years stretches an unbroken record of efficiency unsurpassed.

Our manufacturing record of 25,906 gasoline engines in a single year is a fine testimonial of the popularity of these engines.

GOLD MEDAL MACHINES

We have many times won the Gold Medals at Expositions the world over. The latest triumph was in August, 1915, at the Panama-California Exposition.

If interested, write for our beautifully illustrated catalog on our Gasoline-Oil Engine.



WATERLOO BOY KEROSENE-GASOLINE ENGINES

The Factory Behind the Tractor

WE HAVE been manufacturing Gasoline Engines for over 20 years. Our plant contains 351,050 square feet of floor space. The buildings and yards cover more than ten acres. We have our foundry, machine shop, steel stamping and case hardening departments. Our plant is equipped with the highest class, labor-saving, rapid production machinery.

We manufacture the well advertised "WATERLOO BOY" line of farm machines, consisting of Gasoline Engines, Traction Engines, and Pump Jacks.

Our financial statement shows assets of nearly two millions.

This is the magnitude of the factory behind the tractors shown in this catalog.

The Tractor Itself

First: It is a Kerosene Tractor.

Second: It is a substantial, well built tractor that will endure hard work with good care. It was designed by men of long experience with tractors in actual field work and is built in one of the largest oil and gasoline engine factories in the world. It has been thoroughly tested in actual field service before being offered for sale.

Third: It is a simple tractor. Every working part is easily accessible. The mechanism is so simple that a 15-year-old boy can operate it.

Fourth: It was designed especially for the average farm and is capable of doing everything on the farm that horses can do, and everything that the heavy duty stationary or portable engine can do. It is self steering while plowing and turns in a 25-foot circle.

The "WATERLOO BOY" TRACTORS are winners and are sold at a price within the reach of all.

Our Guarantee

We guarantee the "WATERLOO BOY" TRACTORS to develop the brake and draw bar horse power at which they are rated, and as against defective material and workmanship for a period of one year — We will replace free, on board cars factory, any part of these tractors that breaks because of a defect in either material or workmanship within one year from date of purchase. We require that the broken part be sent to the factory for inspection. Transportation paid.

WATERLOO GASOLINE ENGINE COMPANY
WATERLOO, IOWA