noon till 12 o'clock at midnight.

We used about 3000 pounds of hard coal and 4000 pounds of soft coal for each 15 to 18 hours. The hard coal cost us $10.25 a ton and the soft from $4.00 to $7.50. The hard coal was the cheapest, all things considered. We used 5 barrels of water to the mile and averaged 32 miles in 24 hours. We broke from 40 to 45 acres per 24 hours and 25 to 28 acres per single shift.

We made two records on one half section, viz., plowed 300 acres in 7½ days and blew up the crown sheet. We used muddy water and neglected to clean the boiler at the proper time, which was the cause of the accident.

It is pretty hard on an engine to plow in the spring and early summer, as the footing is so insecure. But in late summer and fall I cannot see that it is any harder to plow than to thresh.

Yours respectfully,
J. H. Nichols,
Rouleau, Sask.

Gas Engine Must Go.

We own a 20 h.p. International Harvester gasoline traction engine. We bought our engine late last spring and have only plowed about 250 acres. We threshed 36 days last fall.

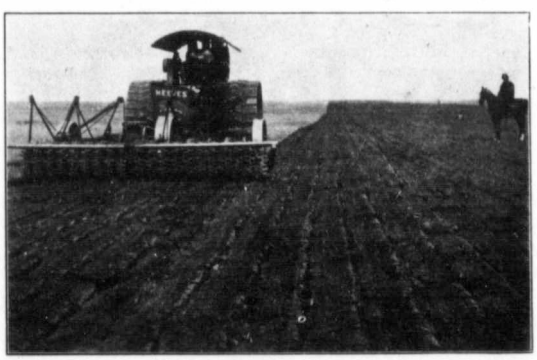
We are very proud of our outfit. Some say that the gasoline engine balks too much, but we found that as long as we kept everything in order, they must and will go.

We pulled a four fourteen-inch Cockshutt engine gang, with which we plowed 15 acres a day.

We had to pay 24c. per gallon for gasoline besides the freight, which is 2c. per gallon. It took about 75c. worth of gasoline to plow an acre. We have very heavy stony land here.

In threshing we pulled a J. I. Case 32 x 54 inch separator with feeder, high wagon loader and common stacker, and must say we were all surprised at the way the engine pulled it. We never used 20 gallons of gasoline a say for threshing. Our tank holds 20 gallons and often in dry weather the tank once filled would last a day and a half.

Yours truly,
J. E. Priebe & Co.,
Morse, Sask.



A Reeves 32 H.P. Steam Tractor pulling a Reeves steam lift plow and a Fleury Pulverizer near Lethbridge.

Made a Hitch of his Own.

I own a 22 h.p., 45 brake h.p., Hart Parr gasoline engine. I bought it last spring and double disced and harrowed 200 acres with it and plowed 125 acres of stubble.

I tied a long, strong pole behind the engine, about 20 ft. long, and attached three disc harrows right behind the engine and two behind the others overlapping, and each disc had about 250 lbs. weight on it. I used dirt for this, putting about 125 pounds in a bag and two bags on each disc. Behind the discs I had on 16 ft. harrows. That load was an easy one on the engine.

I was using about 4 gallons of kerosene an hour, which cost me 18c. a gallon. I used about five gallons of gasoline per day, as one cannot start an engine on kerosene. The gasoline cost 23c. a gallon.

For stubble, I had a heavy Cockshutt 10 14-inch bottoms plow frame with skids, and I was pulling 7 plows about four inches deep with ease. I was using about the same quantity of kerosene as when discing. I plowed on an average two acres an hour and was alone with the outfit to do it very often, and had to stop and get off the engine at the end of the furrows to raise the plows.

For breaking I used two 20-inch John Deere brush breakers as I had a lot of scrub some places and broke four to six acres a day with it. We had to stop often on account of the oak stumps or big rocks.

I enclose a picture of the outfit breaking.

Yours truly, Jos. Pantel,
Somerset, Man.

Uses 8 Barrels of Water every Two Miles.

Regarding traction plowing the following are the details of the work done by our outfit: 32 h.p. Case Engine. Three