

I never had any experience with an engine or separator before I got these, and as a green horn I had little trouble, but taking everything into consideration the outfit gave satisfaction. If I were buying again I would get a 25 horse power engine. I found when the wheat was a little tough it worked the engine too hard, but it handled all the oats and flax that two men could throw into the machine.

Yours truly,  
V. C. Thomas,  
Milestone, Sask.

#### A Shop Experience.

In reply to your favor, would say that I have a 6 horse power International Harvester engine; that I used to grind grain, saw wood and operate the machinery in the shop, consisting of a strip hammer, a large drill press, and emery wheel, a disc sharpener, and a rip saw.

It is the handiest power for my purpose, and is ready at any minute. My engine never gave me any trouble. It will work if you give it a chance. Some engineers expect an engine to do things out of all reason.

I have had quite a lot of experience in repairing engines.

For ignition I use an Edison wet battery to start, and then switch to a Motsinger auto spark.

It costs me about 20 cents per hour for gasoline when I am running the grinder, and about 10 cents per hour to operate in the shop. I would be very sorry to have to run a shop without a gasoline engine.

Yours respectfully,  
F. E. Good,  
Evarts, Alta.

#### Engine Twelve Years Old and Still Running.

We had a little experience last fall with a gasoline engine that may be valuable to some other brother.

Our engine is a Fairbanks-Morse 12 horse power portable engine on trucks. It is used for running a feed grinder with two sets of burrs. The engine doesn't have hard work when grinding, but when we came to threshing, that seemed to be a little too much for it.

We couldn't tell what was the matter. We thought the oil might be dirty, so we took the strainer off, but the trouble was not there. Then we put on new packing around the igniter but that wasn't the place.

We then thought the batteries were no good, but they were new. However, we took them back, but could not get any others, so we had to keep them. The man tested them and said they were good, but told us the gasoline might be poor.

In the morning we put some gasoline, which we had in another barrel, in the tank, but that didn't work either.

Well, we fooled around all day, but at last a man that had run the engine for the past nine years said that the ignitor plug might be worn so that it didn't strike on the center. We then took the igniter off and found that the igniter seat was worn about one-eighth of an inch.

Then we found a little steel washer and put that on. We had found our trouble, but the washer didn't last only a couple of days. So we had to put on another, and worked that way all through threshing.

I might say that the engine is eleven years old and giving good satisfaction at the present time.

Hoping this may be of benefit to you, and wishing you success, I am,

Yours truly,  
Owen F. Radway,  
Mentor, Minn.

#### Works Two Shifts.

We would have to state in the beginning of our letter that this is the first experience we have had with traction plowing, and of course we have many points to learn as to where we can improve both in amount of work done and class of work done.

We are using a Hart-Parr 22 tractive horse power traction engine and a six bottom Cockshutt gang plow which we think makes an excellent outfit for use in the north-west.

We did not get started last spring until late in the season, and then when we did we found the ground very dry and it broke very hard, but in the spring and fall we broke 630 acres and disced during the summer 700 acres and threshed 12,000 bushels of wheat, which we considered very good for the time that we worked, as there was 60 days that we did not use our outfit on account of the dry conditions that prevailed in our part of the country.

When breaking we worked five men, as we worked the two shift plan, one set of men going on at seven a.m. and working to seven p.m., and the other two men taking the other 12 hours, and the extra man that we had was a blacksmith who did all our repair work, and kept the plow shares in condition and helped to get the oil and water. We used two horses for hauling the water and gasoline.

In our engine we use kerosene as fuel, only using gasoline to start the engine, and the amount that we used per day varied with the class of work being done, as we sometimes pulled six plows with a packer, and other times five plows with packer and drag, which made a difference in our load. But the amount of kerosene was about 85 to 90 gallons per day, and the amount of work done with this was about 25 acres on an average per day of 24 hours. We received a price of \$4.00 per acre for breaking and 50 cents for packing.

The amount of water that we used per day of 24 hours was from 40 to 45 gallons.

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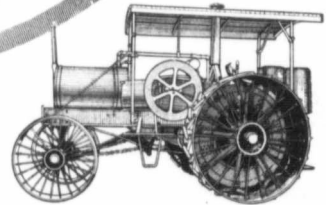
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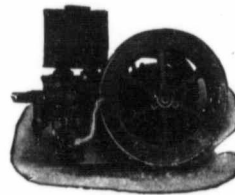
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