

Natural Gas a Great Convenience

The discovery of natural gas on the farm has worked a great improvement in the home and farm buildings of Mr. J. W. Richardson, of Caledonia. Mr. Richardson's farm is well known to the readers of Farm and Dairy, it having won the second prize in 1910 in the Prize Dairy Farms contest, given to the farmers of Ontario. Since we last described this farm in "Farm and Dairy" a number of great conveniences have been added by the discovery of gas on the farm.

An editor of Farm and Dairy, who recently visited Mr. and Mrs. Richardson, found that within the past year six gas wells have been opened on the farm. Part of the gas from one of these wells has been piped to the house and farm buildings and the surplus is sold, as is the gas from the other five wells, to a private company at a rental of from \$50 to \$75 a year each. Mr. Richardson's home and barns are now lighted throughout by gas. Gas jets are located even in the cellar and on the outside verandas. The house is heated by the gas pipes having been run into the furnace in the cellar. The cooking in the kitchen is also done by gas. In the parlor is a gas grate. Of all these conveniences, Mrs. Richardson appreciates the most the presence of gas in the kitchen. It makes it easy to light the stove and saves the trouble and dirt incident to the carrying in and handling of wood. It is not so heating to work with in the summer, and can be turned off in a moment.

Not content with having all of these conveniences in the house, Mr. Richardson has run the pipes out to his barns, where food is cooked in stoves by means of gas. Mr. Richardson likes to give his pigs a warm drink in winter as he finds that they like it and seem to thrive on it.

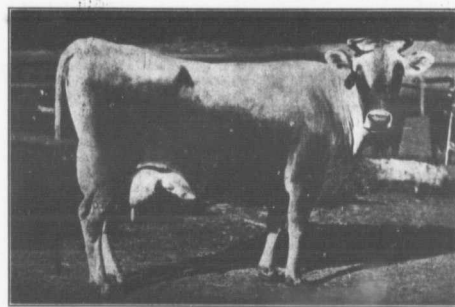
GAS SUPPLIES POWER

In the barn there is recently been installed an eight horse power gas engine, which runs so well and does so much work that the hired man told our editor that his only wish was that they could use gas to run the plow. This gas engine is being used to run the feed chopper, to separate milk and to pump water. Mr. Richardson

estimates it will save a month's labor in cutting and hauling wood this winter, as compared with the time that was formerly employed to do this work. He expects also to save \$100 a year in heating and light. Incidentally we might say that the light furnished in this way is bright and clear. Its only drawback is that it consumes considerable oxygen, making it necessary to ventilate the rooms more frequently than otherwise would be the case.

MANY WELLS

So many gas wells have been drilled in the Caledonia district that several large companies have been formed who either purchased the wells outright from the farmers or lease them. Mr. Richardson believes that some made a mistake when they leased their farms or portions of them



Animals Such as This One Would be "Credit to Any Breed"

"Lilac of Pender," the heifer here illustrated, shows what Jerseys can do in the producing line. At two years and 35 days of age she was entered in Record of Performance Test, and in 365 days produced 527 lbs. of 5.5 milk and 15.15 lbs. of butter fat. She is owned by A. H. Menzies & Son, Pender Island, B.C. Notice the splendid dairy conformation, the capacious shapely udder and large, well placed teats of this cow.

to these companies. They neglected to stipulate that new gas wells should not be located within 40 rods of old ones. In consequence many wells have been sunk and many of them close to one another. Not infrequently one well interferes with the producing qualities of others near it. Within 10 miles of Mr. Richardson's place, possibly 75 wells have been established. There are 10 wells in the village of Caledonia alone, and if the work of development continues it will not be long before there will be wells on almost every farm in the vicinity.

HUNDREDS HAVE GAS

Gas is so cheap that hundreds of farmers in the district, where they have wells on their farms or not, are introducing gas in their homes. As our editor drove along the road he noticed these gas pipes on the surface of the ground running along beside the road. There are many miles of them. The heaviest wells are located at Selkirk, on a strip of land running from Lake Erie to the Grand River, the gas rock of which extends from the United States, under Lake Erie, reaching the Grand River. The wells drilled a few miles north of the river are light and unprofitable. The wells near Caledonia are 650 feet deep. As it costs \$800 to \$900 to drill one well, it will be seen that those prospectors who do not succeed in locating gas can soon lose a lot of money. The companies that are leasing these wells have laid lines of piping to Brantford, where gas is sold in the city.

In Welland county, there is said to 337 producing wells, with a production of over 1,000,000 cubic feet. In Haldimand county there are 444 producing wells, with a production of almost 2,500,000 cubic feet. Last year 159 new wells were drilled—7 in Hal-

dimand, 34 in Welland, 21 in Brantford, 11 in Norfolk, 5 in Wentworth, 2 in Elgin. There is no means of knowing how long these gas wells will continue to produce, but under proper management they should continue productive for many years.

He Has Four Silos

J. L. Davis, Grenville Co., Ont. I have used a silo for 12 years and should have used it 12 years sooner. At present I have four silos, two stave and two square ones inside the barn. I require one more for the summer. I prefer the round cement silo, but the stave silo is 100 per cent better than none at all. When I stop feeding ensilage I shall stop farming. I would advise all my brother farmers who have no silos to prepare to build



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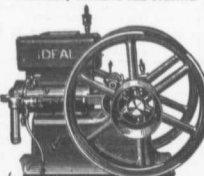
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