

**GASOLINE IRRIGATING
PUMP A SUCCESS**

Fifteen hundred and thirty gallons of water was the amount raised into the flume per minute on the Foster ranch last week in the initial test given the new gasoline engine and pump. This amount could have been increased to the maximum of 1600 gallons, but, as it was, the flow from the discharge pipe was sufficient to carry the volume through the side of the ditch and the supply was soon shut off.

The test was made Thursday afternoon soon after the arrival of some of the piping for which the engineer, A. T. Wakler, had been waiting. The engine was started and the first results were more than satisfactory. The water was drawn from the well below the engine house and forced upward into the flume through the seven inch discharge pipe in a manner that showed plainly that irrigation can be carried on there next summer without any difficulty, so far as the supply of water is concerned. Mr. Foster is highly pleased with the plan, which has now passed the experimental stage and become a reality.

Mr. Foster intends next year to put about 25 or 30 acres of his ranch into alfalfa and during the succeeding years as many more acres until the entire tract of 300 acres is raising nothing but alfalfa. A ditch line will be built from the end of the flume along the base of the ridge and this will be extended each year as the work of sowing progresses. The drainage will be carried back into Crooked river.

It is not expected that the supply of water next year, which will be needed to irrigate the 25 acres, will exceed 600 or 700 gallons, and after the soil is once wet down this amount will be greatly decreased. The maximum amount which the pump will throw will be sufficient to irrigate the entire 300 acres, and it is not believed that all of this will be needed after the work of irrigating is well in hand.—Crook County Journal.

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