

Red hd	275	278
Shale	278	280
Lamin	280	285
Sand	285	287
Shale gray	288	322
Lamin	322	329
Shale slate black	329	331
Shale gray	331	333
Lamin	333	337
Shale dark gray	337	345
Lamin	345	350
Shale light	350	360
Shale dark	360	371
Lamin	371	376
Shale gray	376	378
Shale slate black	378	381
Lamin sandy	381	385
Shale sandy	385	393
Shale gray	393	397
Shale light	397	430
Lamin	430	433
2nd hard	433	436
Sandy shale	436	450
Sand	450	453
Shale	453	469
Sand hard	469	472
Sand	472	510
Shale	520	538
Lamin	538	542
Black shale & slate	542	545
Gray shale	545	

Blasent
 Uhlmann
 195-197#
 P H Ecker

gas 3" water in 1" = 17, 136
 streaky sand - increase in gas
 at 429 .6" water in 1" = 29, 112
 " 446 .6" " - no inc.

good oil show
 water

Usher #2
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Probably Sept. 1952

WATER DRILL HITS GAS

SO DR. GRAHAM ASHER HAS ANOTHER WELL PUT DOWN.

Besides Air-Conditioning, His Original Aim, Physician Will Have Fuel Supply for His Home.

PICTURE ON PAGE 3J

A natural gas field has been discovered by Dr. Graham Asher, a physician, beneath his home, 5410 State Line road. He had developed it far enough yesterday to complete arrangements to get gas from it to heat the house.

The whole thing came about quite accidentally after Dr. Asher hired a drilling company in June to seek water in the backyard to supply an air-conditioning system in his home.

"We had been told by geologists that water was plentiful at a certain depth, so my wife and I got this drilling team to dig a well for us," Dr. Asher said. "They drilled to 106 feet and found a plentiful supply of water with a temperature of 50 degrees, just right for cooling purposes. We thought it would be interesting to go down a little farther and see how much water was there.

Gas Bubbles Up.

"We went down ninety feet more and then the water started bubbling. It turned out to be natural gas coming up through the water from below. We quickly sealed it off so the water supply would not be impaired."

But after the discovery of the gas Dr. Asher consulted state geologists who told him there probably was sufficient gas to be used for heating.

He again hired the drillers, the Hughes & Tidwell Drilling company, 5723 Munger road, North, and ten days ago they set up their equipment in a lot he owns next to the house.

Yesterday the crew began operations to pipe the gas into the home for heating purposes. The pocket is capable of producing 35,000 cubic feet a day, more than enough to heat the large house and another one, too. In practice, only a part of a gas well's rated capacity is drawn off each day.

"The gas is down about 452 feet below the surface," Dr. Asher said. "We went down a little farther and struck oil. It was not enough to pump commercially but just enough to gum things up.

Protect Gas Pocket.

"A little farther down we hit more water so we decided to call it quits. They are going to seal it off from the bottom with cement to keep the water out of the gas." A. H. Hughes, a partner in the

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cement to keep the water out of the gas."
A. H. Hughes, a partner in the drilling company, said a 2-inch pipe would be set inside the casing to bring the gas up permanently. Rubber packing will be put down beneath the top of the pocket to keep cave-ins from occurring.
"We are convinced that there is a field capable of producing better than 1 million cubic feet of natural gas a day less than 100 feet below where we found the present pocket," Dr. Asher said.
"The state geologists tell us there is, and all signs point to it. However, it requires more of an investment than I presently care to make to get to it with drilling equipment.
"I don't know whether I'm right or not, but without some way of disposing of it I could see no reason for going farther. Now if the people in this block would want to organize a com-"
(Continued on Second Page.)

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WATER DRILL HITS GAS

(Continued from First Page.)
pany and sink the well to get gas for their homes at practically nothing or somebody else would want to put up the capital. I would have no objection to going ahead."
To Stop Being Customer.
Dr. Asher said he plans to discontinue regular gas service as soon as his well proves itself.
"I don't see why it shouldn't," Dr. Asher said. "We put a cap on this drilling after we hit the pocket and then ignited the gas that was coming up. We had a flame shooting thirty or forty feet in the air."
Dr. Asher estimates that about 300,000 cubic feet of gas a year

is used for heating his home. He pays the Gas Service company at the rate of 45 cents per 1,000 cubic feet.
The gas was found in what is known geologically as squirrel sand in the Lexington formation. In the large gas-producing fields near Hugoton, Kas., the formation is much deeper.
While the drilling has been in progress traffic has been impeded at times by persons stopping to see the rig in operation. The first well will be used for water for air conditioning as originally planned.
"We figure the investment on the gas well will pay for itself in three or four years," Dr. Asher said. "I think my wife will be glad to get the whole thing finished for a time. She is beginning to get a little tired of all the fuss and furor."

TAX GADGET INTO COURT

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