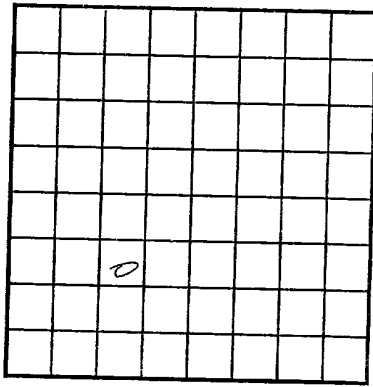


U. S. LAND OFFICE Santa FeSERIAL NUMBER 078426

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Southern Union Gas Company Address Bart Building, Dallas, Texas
Lessor or Tract Wichens Field Wildcat State New Mexico
Well No. 1 Sec. 17 T. 39N R. 6W Meridian N.M.P.M. County Rio Arriba
Location 1150 ft. N. of S. Line and 1650 ft. E. of W. Line of Section 17 Elevation 6716
(Denote floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed Van ThompsonDate January 2, 1953Title Manager Exploration Dept.

The summary on this page is for the condition of the well at above date.

Commenced drilling October 13, 1952 Finished drilling December 4, 1952, 1952

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5310 6 to 6100 No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>9-5/8</u>	<u>36</u>	<u>3</u>	<u>J-55</u>	<u>222'</u>					<u>Surface</u>
<u>5 1/2</u>	<u>19 1/2</u>	<u>3</u>	<u>J-55</u>	<u>722-731'</u>					<u>Production</u>
<u>5 1/2</u>	<u>17 1/2</u>	<u>3</u>	<u>J-55</u>	<u>4607-471'</u>					
<u>5660.62' of 2-3/8" J-55 tubing</u>									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>9-5/8"</u>	<u>220'</u>	<u>125</u>	<u>Halliburton</u>		
<u>5 1/2"</u>	<u>5350'</u>	<u>225</u>			

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		<u>Nitro glycerine</u>	<u>1635 lb</u>	<u>12/2</u>	<u>5423-6100</u>	<u>6100'</u>

TOOLS USED

Rotary tools were used from 0 feet to 5350 feet, and from _____ feet to _____ feet
Cable tools were used from 5350 feet to 6100 feet, and from _____ feet to _____ feet

DATES

December 4, 1952 Put to producing _____, 1952

The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours 1030 MCF Gallons gasoline per 1,000 cu. ft. of gas _____

