

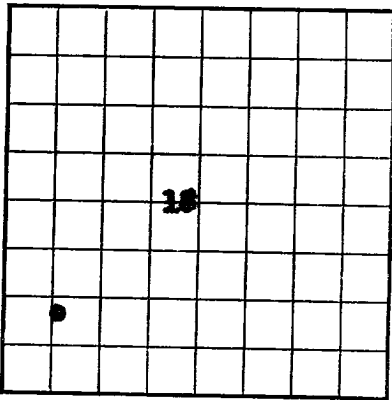
Santa Fe

U. S. LAND OFFICE

078215

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT



UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Southern Union Gas Company Address 1104 Burt Bldg., Dallas 1, Texas

Lessor or Tract Page Field Blanco State New Mexico

Well No. 1 Sec. 18 T. 32N R. 10W Meridian N.M.P.M. County San Juan

Location 910 ft. N. of S. Line and 815 ft. E. of W. Line of Sec. 18 Elevation 6218'
(Derrick 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 Thompson Title Manager Exploration Dept.

Date October 6, 1952

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

Commenced drilling April 11, 19 52 Finished drilling September 11, 19 52

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4800 to 4880 G No. 4, from _____ to _____

No. 2, from 5180 to 5970' G 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>10-3/4</u>	<u>40.5#</u>		<u>H-40</u>	<u>212</u>	<u>Guide</u>				<u>Surface Production</u>
<u>7"</u>	<u>30#</u>		<u>J-55</u>	<u>4579</u>					
<u>2" Tubing</u>			<u>J-55</u>	<u>5492'</u>					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>10-3/4"</u>	<u>224'</u>	<u>100</u>	<u>Halliburton</u>		
<u>7"</u>	<u>4570'</u>	<u>225</u>	<u>"</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>1760 G</u>	<u>9/10/52</u>	<u>4800-5612</u>	<u>5612'</u>

Well tested 320 MCF before shot

TOOLS USED

Rotary tools were used from 0 feet to 4570 feet, and from _____ feet to _____ feet

Cable tools were used from 4570 feet to 5612 feet, and from _____ feet to _____ feet

DATES

September 11, 1952, 19____ Put to producing _____, 19____

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 4190 MCF Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1045#

EMPLOYEES

Gardner Bros. Drilling Co. Driller Contractor for rotary work, Driller

H. H. McDonald, Driller B. A. Smith, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>300</u>	<u>300</u>	<u>Surface Sand</u>
<u>300</u>	<u>4570</u>	<u>4270</u>	<u>Sand and shale</u>
<u>4570</u>	<u>4635</u>	<u>65</u>	<u>Sand</u>
<u>4635</u>	<u>4690</u>	<u>55</u>	<u>Sand and shale</u>
<u>4690</u>	<u>4720</u>	<u>30</u>	<u>Sand</u>
<u>4720</u>	<u>4785</u>	<u>65</u>	<u>Sand and shale</u>
<u>4785</u>	<u>5430</u>	<u>665</u>	<u>Sand</u>
<u>5430</u>	<u>5535</u>	<u>105</u>	<u>Broken sand and shale</u>
<u>5535</u>	<u>5612</u>	<u>77</u>	<u>Shale</u>

Geological Tops

Top Pictured Cliffs 3005'

Top Cliff House 4800' — PAY

Top Point Lookout 5180 — PAY

