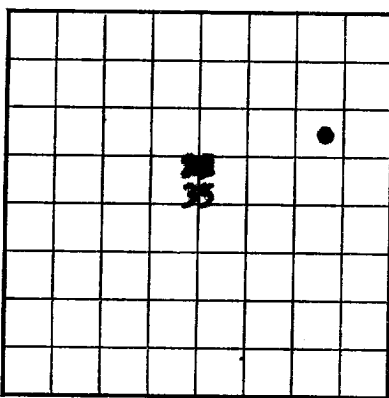


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 070146
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYRECEIVED
JUN 24 1953U. S. GEOLOGICAL SURVEY
WASHINGTON, D. C.

LOG OF OIL OR GAS WELL

Company Southern Union Gas Company Address Bank Bldg., Dallas 1, Texas
Lessor or Tract Moore Field Blanco State New Mexico
Well No. 1 Sec. 35 T. 32N R. 12W Meridian N.M.P.M. County San Juan
Location 1650 ft. {N} of N Line and 990 ft. {W} of E Line of Section 35 Elevation 6472.37
(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 June 19, 1953

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

Commenced drilling April 26, 1953, 19____ Finished drilling June 7, 1953, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4611 to 5446' 0 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>10-3/4</u>	<u>32.75</u>		<u>H-40</u>	<u>209.41'</u>					<u>Surface Production</u>
<u>7"</u>	<u>28.7</u>		<u>J-44</u>	<u>9240.25'</u>					
<u>2-3/8"</u>	<u>4.7</u>	<u>Tubing</u>	<u>J-55</u>	<u>5384.64'</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>207'</u>	<u>120</u>	<u>Halliburton</u>		
<u>7"</u>	<u>5199</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>1204 #</u>	<u>6/7</u>	<u>5561-5260</u>	<u>to total depth</u>

TOOLS USED

Rotary tools were used from 0 feet to 5205 feet, and from _____ feet to _____ feet
Cable tools were used from 5205 feet to 5635 feet, and from _____ feet to _____ feet

DATES

Tubing Run 6/7/53, 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 1790 MCF/6 hr. Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 10034/9 da.

EMPLOYEES

Driller Denman Drilling Company was rotary contractor P. E. Collier, Driller
Company drilled in with gas _____, Driller J. F. Smith, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>313</u>	<u>313</u>	<u>Surface sand</u>
<u>313</u>	<u>2848</u>	<u>2535</u>	<u>Sand and shale</u>
<u>2848</u>	<u>2940</u>	<u>92</u>	<u>Sand, shale and coal</u>
<u>2940</u>	<u>2971</u>	<u>31</u>	<u>Sand and shale</u>
<u>2971</u>	<u>3075</u>	<u>104</u>	<u>Sand, shale with coal breaks</u>
<u>3075</u>	<u>3179</u>	<u>104</u>	<u>Sand and shale</u>
<u>3179</u>	<u>3419</u>	<u>240</u>	<u>Shale</u>
<u>3419</u>	<u>3529</u>	<u>110</u>	<u>Sand and shale</u>
<u>3529</u>	<u>3632</u>	<u>103</u>	<u>Shale</u>
<u>3632</u>	<u>3738</u>	<u>156</u>	<u>Sand and shale</u>
<u>3738</u>	<u>3855</u>	<u>117 67</u>	<u>Shale and shale</u>
<u>3855</u>	<u>3973</u>	<u>118</u>	<u>Sand and shale</u>
<u>3973</u>	<u>4036</u>	<u>113</u>	<u>Shale</u>
<u>4036</u>	<u>4196</u>	<u>110</u>	<u>Sand and shale</u>
<u>4196</u>	<u>4220</u>	<u>24</u>	<u>Shale</u>
<u>4220</u>	<u>4470</u>	<u>250</u>	<u>Hard sand and shale</u>
<u>4470</u>	<u>4497</u>	<u>27</u>	<u>Sand</u>
<u>4497</u>	<u>4532</u>	<u>35</u>	<u>Hard sand</u>
<u>4532</u>	<u>4651</u>	<u>119</u>	<u>Sand and shale</u>
<u>4651</u>	<u>4674</u>	<u>23</u>	<u>Sand, shale and coal</u>
<u>4674</u>	<u>4754</u>	<u>80</u>	<u>Hard sand and shale</u>
<u>4754</u>	<u>4780</u>	<u>16</u>	<u>Sand, shale and coal streaks</u>
<u>4780</u>	<u>4822</u>	<u>42</u>	<u>Sand</u>
<u>4822</u>	<u>4990</u>	<u>158</u>	<u>Hard sand and shale</u>
<u>4990</u>	<u>5014</u>	<u>24</u>	<u>Shale</u>

(OVER)

16-43094-2

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
5014	5167	153	Sand and shale
5167	5205	38	Sand shale and coal
5204	5310	106	Sand and shale
5310	5570	260	Sand
5570	5635	65	Sand and shale
Top Placed Cliffs formation 2987'			
Cliff House			
Point Lookout			
Mansions			
4611			
5256			
5446			

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.