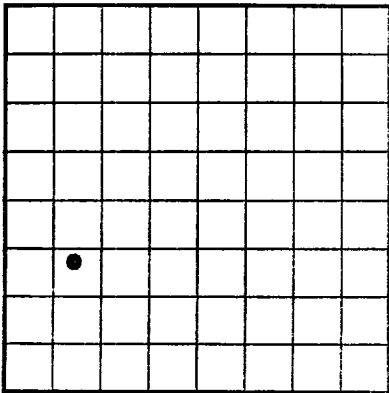


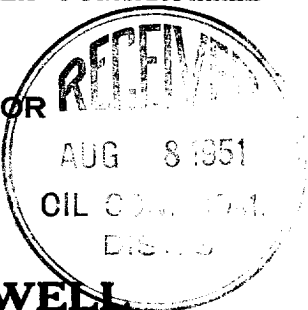
Form 9-380

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078198
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 1104 Burt Building - Dallas, Tex.
Lessor or Tract Nye Field Blanco State New Mexico
Well No. 3 Sec. 1 T. 30-N R. 11-W Meridian N.M.P.M. County San Juan
Location 1650 ft. N. of 8 Line and 990 ft. E. of W Line of Section 1 Elevation 5909' DF
(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 Law Thompson
Date August 3, 1951 Title Chief Engineer

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

Commenced drilling June 1, 19 51 Finished drilling July 16, 19 51

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ 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>193'</u>					
<u>5-1/2"</u>				<u>4685'</u>					
<u>2"</u>				<u>4962'</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>193'</u>	<u>75</u>	<u>Halliburton</u>		
<u>5-1/2"</u>	<u>4685'</u>	<u>250</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>Nitroglycerine</u>	<u>765 qts.</u>	<u>7/17</u>	<u>4727-5030</u>	<u>5030'</u>

TOOLS USED

Rotary tools were used from 0 feet to 4685' feet, and from _____ feet to _____ feet
Cable tools were used from 4685' feet to 5030' feet, and from _____ feet to _____ feet

DATES

July 18, 19 51 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 1070 MCF Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 1040#

Gardner Bros. Drilling Company, Driller Southern Union Gas Co.-Cable, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>45</u>	<u>45</u>	<u>Sand & Shale</u>
<u>45</u>	<u>200</u>	<u>155</u>	<u>Sandstone & Shale</u>
<u>200</u>	<u>1200</u>	<u>1000</u>	<u>Sand & Shale</u>
<u>1200</u>	<u>1250</u>	<u>50</u>	<u>Sandy Shale</u>
<u>1250</u>	<u>1505</u>	<u>255</u>	<u>Shale</u>
<u>1505</u>	<u>1865</u>	<u>360</u>	<u>Sand & Shale</u>
<u>1865</u>	<u>2005</u>	<u>140</u>	<u>Sandy Shale</u>
<u>2005</u>	<u>2255</u>	<u>250</u>	<u>Shale, Sand & Coal Streaks</u>
<u>2255</u>	<u>2448</u>	<u>193</u>	<u>Sand, Shale & Coal-Top Pictured Cliff 2462' (✓3460)</u>
<u>2448</u>	<u>2475</u>	<u>27</u>	<u>Sand & Shale</u>
<u>2475</u>	<u>2657</u>	<u>182</u>	<u>Sand, Shale, Coal Streaks-Top Lewis 2547' (✓3375)</u>
<u>2657</u>	<u>3100</u>	<u>443</u>	<u>Shale</u>
<u>3100</u>	<u>3125</u>	<u>468</u>	<u>Shale & Coal</u>
<u>3125</u>	<u>3216</u>	<u>559</u>	<u>Shale, Coal Streaks</u>
<u>3216</u>	<u>3524</u>	<u>308</u>	<u>Shale</u>
<u>3524</u>	<u>4215</u>	<u>691</u>	<u>Sand & Shale-Top Cliff House 4073' (✓ 1849)</u>
<u>4215</u>	<u>4230</u>	<u>15</u>	<u>Shale & Coal</u>
<u>4230</u>	<u>4250</u>	<u>20</u>	<u>Hard Sand & Shale-Top Menefee 4247' (✓ 1675)</u>
<u>4250</u>	<u>4285</u>	<u>35</u>	<u>Sand</u>
<u>4285</u>	<u>4305</u>	<u>20</u>	<u>Coal, Sand & Shale</u>
<u>4305</u>	<u>4335</u>	<u>30</u>	<u>Shale</u>
<u>4335</u>	<u>4362</u>	<u>27</u>	<u>Shale & Coal</u>
<u>4362</u>	<u>4400</u>	<u>38</u>	<u>Sand & Streaks Shale</u>
<u>4400</u>	<u>4429</u>	<u>29</u>	<u>Shale & Coal Streaks</u>

(OVER)

FORMATION RECORD—Continued

