

U. S. LAND OFFICE New Mexico

LEASE OR PERMIT TO PROSPECT 02127-A

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company J. H. Elder Address Box 950, Midland, Texas
Lessor or Tract W. H. Milner Field Lynch State New Mexico
Well No. 3 Sec. 35 T. 20-SR. 34E Meridian N. M. P. M. County Lea
Location 2310ft. N. of N. Line and 1650ft. E. of W. Line of Sec. 35 Elevation 3749
(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 Jewell Anderson
Title Agent

Date November 12, 1952

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

Commenced drilling October 2, 1952 Finished drilling November 2, 1952

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3733 to 3736 Oil
No. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, from _____ to _____
No. 5, from _____ to _____
No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 60 to 70
No. 2, from 775 to 800
No. 3, 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>13-3/8</u>	<u>68</u>	<u>10 rd. th.</u>	<u>J&L</u>	<u>95</u>	<u>Texas Pattern</u>				
<u>5-1/2</u>	<u>14</u>	<u>8 rd. th.</u>	<u>J&L</u>	<u>3682</u>	<u>Texas Pattern</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>13-3/8</u>	<u>95</u>	<u>125</u>	<u>Circulated to top</u>		
<u>5-1/2</u>	<u>3682</u>	<u>800</u>	<u>Circulated to top</u>		

PLUGS AND ADAPTERS

Heaving plug—Material 0 Length _____ Depth set _____
Adapters—Material 0 Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
	<u>None</u>					

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 3736 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing November 9, 1952

The production for the first 24 hours was 100 barrels of fluid of which 75 % was oil; _____ % emulsion; 25 % water; and _____ % sediment. Gravity, °Bé. 30

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

W. G. Bohannon, Driller C. C. Reed, Driller
T. H. Bennett, Driller L. H. Harner, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>35</u>	<u>35</u>	<u>Sand</u>
<u>35</u>	<u>65</u>	<u>30</u>	<u>Sand</u>
<u>65</u>	<u>190</u>	<u>125</u>	<u>Red shale</u>
<u>190</u>	<u>250</u>	<u>60</u>	<u>Brown shale</u>
<u>250</u>	<u>270</u>	<u>20</u>	<u>Gray shale</u>
<u>270</u>	<u>280</u>	<u>10</u>	<u>Sand</u>
<u>280</u>	<u>340</u>	<u>60</u>	<u>Gray shale</u>
<u>340</u>	<u>550</u>	<u>210</u>	<u>Red shale</u>
<u>550</u>	<u>760</u>	<u>210</u>	<u>Brown shale</u>
<u>760</u>	<u>1310</u>	<u>550</u>	<u>Red shale</u>
<u>1310</u>	<u>1345</u>	<u>35</u>	<u>Red shale sandy</u>
<u>1345</u>	<u>1470</u>	<u>125</u>	<u>Sandy shale</u>
<u>1470</u>	<u>1605</u>	<u>135</u>	<u>Shale</u>
<u>1605</u>	<u>1645</u>	<u>40</u>	<u>Red shale</u>
<u>1645</u>	<u>1680</u>	<u>35</u>	<u>Anhydrite</u>
<u>1680</u>	<u>1690</u>	<u>10</u>	<u>Blue shale</u>
<u>1690</u>	<u>1780</u>	<u>90</u>	<u>Anhydrite</u>
<u>1780</u>	<u>1885</u>	<u>105</u>	<u>Salt</u>
<u>1885</u>	<u>1905</u>	<u>20</u>	<u>Anhydrite</u>
<u>1905</u>	<u>1925</u>	<u>20</u>	<u>Shale</u>
<u>1925</u>	<u>2240</u>	<u>315</u>	<u>Shale salt</u>
<u>2240</u>	<u>2265</u>	<u>25</u>	<u>Salt and potash</u>
<u>2265</u>	<u>2290</u>	<u>25</u>	<u>Salt and shale</u>

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
2290	2300	10	Salt and potash
2300	2355	55	Salt and shale
2355	2410	55	Salt and potash
2410	2515	105	Salt and shale
2515	2755	240	Salt and potash
2755	2770	15	Salt and shale
2770	2785	15	Salt and potash
2785	3145	360	Salt
3145	3170	25	Anhydrite
3170	3295	125	Salt
3295	3320	25	Anhydrite
3320	3375	55	Anhydrite and lime
3375	3495	120	Lime
3495	3500	5	Sandy lime
3500	3525	25	Lime
3525	3555	30	Sand and shale
3555	3580	25	Shale (rotten)
3580	3590	10	White shale
3590	3605	15	Lime
3605	3632	27	White lime
3632	3640	8	Broken lime
3640	3693	53	White lime
3693	3723	30	Broken lime and sand
3723	3736	13	Lime - Oil pay

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.