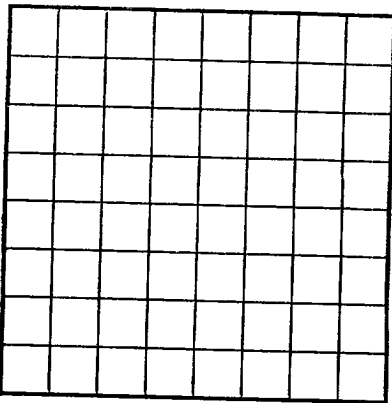




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 057798
LEASE OR PERMIT TO PROSPECT IUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Paton Brothers Address Box 667, Artesia, New Mexico
Lessor or Tract Magruder Field Red Lake State New Mexico
Well No. 11 Sec. 35 T. 17S R. 27E Meridian N M P M County Eddy
Location 1650 ft. Six of S Line and 330 ft. EX of E Line of Elevation 3616
(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 /s/ H. R. PatonDate May 24, 1949Title Partner

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

Commenced drilling April 15, 19 49 Finished drilling May 23, 19 49

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 460 to 470 No. 4, from 1675 to 1682
No. 2, from 480 to 490 No. 5, from 1718 to 1728
No. 3, from 1240 to 1256 No. 6, from to

IMPORTANT WATER SANDS

No. 1, from 750 to 760 No. 3, from to
No. 2, from 952 to 958 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>8 1/2"</u>	<u>26</u>	<u>8</u>	<u>API</u>	<u>992'</u>	<u>Pulled</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>7"</u>	<u>21</u>	<u>8</u>	<u>API</u>	<u>1681'</u>	<u>Pulled</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>1681' of 2" Upset Tubing</u>									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>7"</u>	<u>1496'</u>	<u>100 sacks</u>	<u>Halliburton</u>	<u> </u>	<u>100 sacks</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-Glycerin</u>	<u>250 qts</u>	<u>5/19/49</u>	<u>1670-1735</u>	<u> </u>

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet
Cable tools were used from 0 feet to 1741 feet, and from feet to feet

DATES

 , 19 Put to producing May 24, 19 49The production for the first 24 hours was 40 barrels of fluid of which 100 % was oil; % emulsion; % water; and % sediment. Gravity, °Bé. 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. E. Fleming, Driller E. M. Harper, Driller
A. M. Paton, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>55</u>	<u>55</u>	<u>Red bed</u>
<u>55</u>	<u>175</u>	<u>120</u>	<u>Anhydrite</u>
<u>175</u>	<u>190</u>	<u>15</u>	<u>Red rock</u>
<u>190</u>	<u>290</u>	<u>100</u>	<u>Red bed & Anhydrite</u>
<u>290</u>	<u>305</u>	<u>15</u>	<u>Red bed (broken)</u>
<u>305</u>	<u>460</u>	<u>155</u>	<u>Anhydrite</u>
<u>460</u>	<u>505</u>	<u>45</u>	<u>Anhydrite & brown lime (Show oil & Gas)</u>
<u>505</u>	<u>535</u>	<u>30</u>	<u>Anhydrite</u>
<u>535</u>	<u>550</u>	<u>15</u>	<u>Brown Lime</u>
<u>550</u>	<u>681</u>	<u>131</u>	<u>Anhydrite</u>
<u>681</u>	<u>685</u>	<u>4</u>	<u>Anhydrite & Red bed</u>
<u>685</u>	<u>750</u>	<u>65</u>	<u>Anhydrite</u>
<u>750</u>	<u>770</u>	<u>20</u>	<u>Anhydrite & Red sand</u>
<u>770</u>	<u>795</u>	<u>25</u>	<u>Red sand</u>
<u>795</u>	<u>952</u>	<u>157</u>	<u>Anhydrite</u>
<u>952</u>	<u>958</u>	<u>6</u>	<u>Anhydrite & Red sand (Water)</u>
<u>958</u>	<u>974</u>	<u>16</u>	<u>Red rock & Red sand</u>
<u>974</u>	<u>979</u>	<u>5</u>	<u>Red sand</u>
<u>979</u>	<u>990</u>	<u>11</u>	<u>Anhydrite & shale</u>
<u>990</u>	<u>1130</u>	<u>140</u>	<u>Anhydrite</u>
<u>1130</u>	<u>1190</u>	<u>60</u>	<u>Anhydrite & Red bed (broken)</u>
<u>1190</u>	<u>1240</u>	<u>50</u>	<u>Anhydrite</u>
<u>1240</u>	<u>1256</u>	<u>16</u>	<u>Anhydrite & Gray sand (show of oil)</u>
<u>1256</u>	<u>1270</u>	<u>14</u>	<u>Anhydrite & Red sand</u>
<u>1270</u>	<u>1310</u>	<u>40</u>	<u>Red rock & Anhydrite</u>

FROM -	TO -	TOTAL FEET	FORMATION
1310	1340	30	Anhydrite
1340	1370	30	Anhydrite & Red bed
1370	1405	35	Anhydrite & Red rock
1405	1415	10	Broken Lime
1415	1430	15	Gray Lime
1430	1435	5	Red rock, broken
1435	1450	15	Pink Lime
1450	1458	8	Lime
1458	1476	18	Red rock
1476	1485	9	Lime
1485	1570	85	Gray Lime
1570	1615	45	Broken Lime
1615	1622	7	Gray Lime
1622	1682	60	Sandy Lime
1682	1690	8	Gray Sandy Lime
1690	1718	28	White Lime
1718	1728	10	Sandy Lime (show of oil)
1728	1741	13	White Lime
1741	1750	9	Red rock
1750	1758	8	Lime
1758	1776	18	Red rock
1776	1785	9	Lime
1785	1870	85	Gray Lime
1870	1915	45	Broken Lime
1915	1922	7	Gray Lime
1922	1982	60	Sandy Lime
1982	1990	8	Gray Sandy Lime
1990	2018	28	White Lime
2018	2028	10	Sandy Lime (show of oil)
2028	2041	13	White Lime