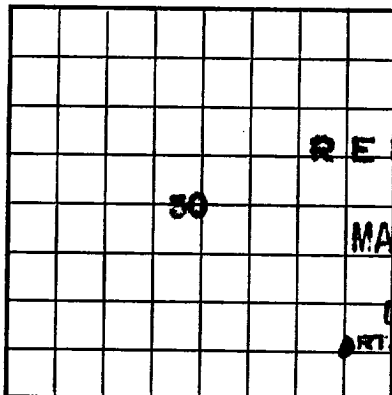


U. S. LAND OFFICE L. C.
SERIAL NUMBER 000437
LEASE OR PERMIT TO PROSPECT OrierUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company John Fical Address Box 308, Artesia, New Mexico
Lessor or Tract Orier Field Square Lake State New Mexico
Well No. 1 Sec. 30 T. 16S. R. 31E Meridian N.M.P.M. County Eddy
Location 660 ft. {N.} of 660 ft. {E.} of 300 Line of 30 Elevation 30
(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 James WarrenDate December 4, 1942Title Agent

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

Commenced drilling October 13, 1942 Finished drilling November 29, 1942

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3172 to 3172 No. 4, from to
No. 2, from 3183 to 3191 No. 5, from to
No. 3, from 3214 to 3241 No. 6, from to

IMPORTANT WATER SANDS

No. 1, from 596' to No. 3, from to
No. 2, from 2470' 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>8 1/4"</u>	<u>307'</u>	<u>307'</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>5 1/2"</u>	<u>3080'</u>	<u>3080'</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8 1/4"</u>	<u>307'</u>	<u>50 Sacks</u>	<u> </u>	<u> </u>	<u> </u>
<u>5 1/2"</u>	<u>3080'</u>	<u>100 Sacks</u>	<u> </u>	<u> </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
Did not shoot this well						

TOOLS USED

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

DATES

Put to producing December 1, 1942The production for the first 24 hours was 75 barrels of oil natural flowing; %
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

R. A. Thomas, Driller L. C. Culvahouse, Driller
T. O. Powell, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>10</u>	<u>10</u>	<u>Sand</u>
<u>10</u>	<u>20</u>	<u>10</u>	<u>Caliche</u>
<u>20</u>	<u>165</u>	<u>145</u>	<u>Red Shale</u>
<u>165</u>	<u>340</u>	<u>175</u>	<u>Red Rock</u>
<u>340</u>	<u>500</u>	<u>160</u>	<u>Anhydrite</u>
<u>500</u>	<u>515</u>	<u>15</u>	<u>Red Mud</u>
<u>515</u>	<u>570</u>	<u>55</u>	<u>Red Red</u>
<u>570</u>	<u>595</u>	<u>25</u>	<u>Red Rock</u>
<u>595</u>	<u>640</u>	<u>45</u>	<u>Salt</u>
<u>640</u>	<u>720</u>	<u>80</u>	<u>Salt & Anhydrite</u>
<u>720</u>	<u>1240</u>	<u>520</u>	<u>Salt</u>
<u>1240</u>	<u>1270</u>	<u>30</u>	<u>Anhydrite</u>
<u>1270</u>	<u>1290</u>	<u>20</u>	<u>Salt & Potash</u>
<u>1290</u>	<u>1395</u>	<u>105</u>	<u>Salt</u>
<u>1395</u>	<u>1455</u>	<u>60</u>	<u>Anhydrite</u>
<u>1455</u>	<u>1470</u>	<u>15</u>	<u>Red Rock</u>
<u>1470</u>	<u>1575</u>	<u>105</u>	<u>Anhydrite</u>
<u>1575</u>	<u>1590</u>	<u>15</u>	<u>Red Rock-Anhydrite</u>
<u>1590</u>	<u>1610</u>	<u>20</u>	<u>Sandy Rock</u>
<u>1610</u>	<u>1625</u>	<u>15</u>	<u>Red Shale & Anhydrite</u>
<u>1625</u>	<u>1635</u>	<u>10</u>	<u>Red Rock</u>
<u>1635</u>	<u>1650</u>	<u>15</u>	<u>Anhydrite</u>
<u>1650</u>	<u>1665</u>	<u>15</u>	<u>Red Rock</u>
<u>1665</u>	<u>1735</u>	<u>70</u>	<u>Anhydrite</u>
<u>1735</u>	<u>1770</u>	<u>35</u>	<u>Red Rock</u>
<u>1770</u>	<u>1790</u>	<u>20</u>	<u>Anhydrite</u>

(OVER)

6-6745

FORMATION RECORD—CONTINUED

