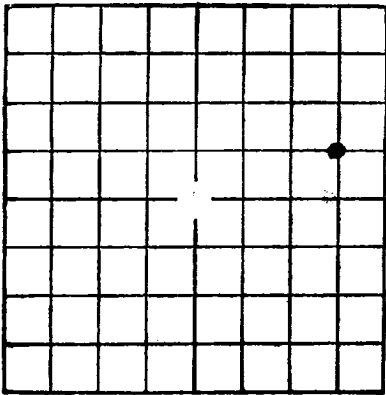




U. S. LAND OFFICE

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

30-015-10077

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MAR 23 1942

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Paine Production Co Address Jal, New Mexico

Lessor or Tract Jones Field Artesia State New Mexico

Well No. 1 Sec. 24 T. 19S R. 31E Meridian N.M.P.M County Eddy

Location 1980 ft. XXX of N Line and 660 ft. XXX of E Line of Sec. 24 Elevation ?
(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 H. R. English Title Vice-President

Date March 19, 1942

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

Commenced drilling Oct. 8, 1941, 19 Finished drilling Dec. 17, 1941, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2456 to 2470 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 275 to 290 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>8 1/2"</u>	<u>22</u>	<u>8</u>	<u>Misc</u>	<u>600</u>	<u>Reg</u>				<u>Salt</u>
<u>7"</u>	<u>20</u>	<u>10</u>	<u>do</u>	<u>2440</u>	<u>Hal.</u>				<u>Oil</u>
<u>2"</u>	<u>4.50</u>	<u>11 1/2</u>	<u>do</u>	<u>2470</u>					<u>tobing</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8 1/2"</u>	<u>600</u>	<u>50</u>	<u>Hal</u>		<u>50 sacks</u>
<u>7"</u>	<u>2440</u>	<u>100</u>	<u>do</u>		<u>100</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>15 qt</u>	<u>3</u>	<u>Glycerine</u>	<u>15</u>		<u>2456-72</u>	<u>Bottom</u>

TOOLS USED

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

Cable tools were used from top feet to bottom feet, and from _____ feet to _____ feet

DATES

Pumping. _____, 19 Put to producing July, 1942

The 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

Raymon English, Driller H. R. English, Driller

_____, Driller Dan We bb, Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
<u>0</u>	<u>45</u>	<u>45</u>	<u>Surface sand</u>
<u>45</u>	<u>85</u>	<u>40</u>	<u>Surface sand and red rock.</u>
<u>85</u>	<u>125</u>	<u>40</u>	<u>Sandy shale.</u>
<u>125</u>	<u>275</u>	<u>150</u>	<u>Red rock</u>
<u>275</u>	<u>290</u>	<u>15</u>	<u>Sand</u>
<u>290</u>	<u>425</u>	<u>135</u>	<u>Red rock</u>
<u>425</u>	<u>435</u>	<u>10</u>	<u>Sandy shale.</u>
<u>435</u>	<u>590</u>	<u>155</u>	<u>Red rock.</u>
<u>590</u>	<u>635</u>	<u>45</u>	<u>Sandy shale.</u>
<u>635</u>	<u>680</u>	<u>45</u>	<u>Red rock.</u>
<u>680</u>	<u>710</u>	<u>30</u>	<u>Anhydrite.</u>
<u>710</u>	<u>720</u>	<u>10</u>	<u>Red mud.</u>
<u>720</u>	<u>730</u>	<u>10</u>	<u>Salt & Anhydrite.</u>
<u>730</u>	<u>740</u>	<u>10</u>	<u>Anhy.</u>
<u>740</u>	<u>805</u>	<u>65</u>	<u>Anhy. Lim.</u>
<u>805</u>	<u>825</u>	<u>20</u>	<u>Anhy. salt.</u>
<u>825</u>	<u>835</u>	<u>10</u>	<u>Red rock, Anhy.</u>
<u>835</u>	<u>855</u>	<u>20</u>	<u>White lim.</u>
<u>855</u>	<u>905</u>	<u>50</u>	<u>Red rock, Anhy.</u>
<u>905</u>	<u>925</u>	<u>20</u>	<u>Potash, salt, Red mud.</u>
<u>925</u>	<u>1095</u>	<u>170</u>	<u>Potash, salt, Anhy, Red mud.</u>
<u>1095</u>	<u>1105</u>	<u>10</u>	<u>Lime & Anhy.</u>
<u>1105</u>	<u>1475</u>	<u>370</u>	<u>Salt, Anhy., Potash, Red mud.</u>
<u>1475</u>	<u>1570</u>	<u>95</u>	<u>Salt.</u>
<u>1570</u>	<u>1600</u>	<u>30</u>	<u>Anhy.</u>

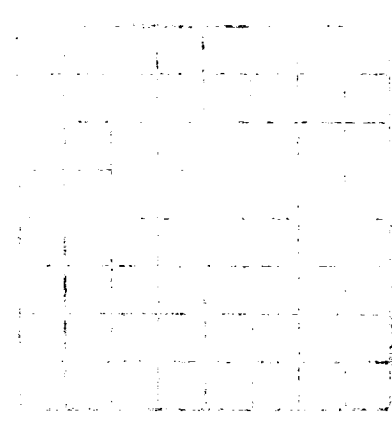
FORMATION RECORD—Continued

FROM	TO	TOTAL FEET	FORMATION
1960	1960	360	Salt, little poly.
1960	2055	95	Salt, anhy.
2055	2065	10	Blue shale.
2065	2230	165	Salt.
2230	2355	125	anhydrite.
2355	2365	5	Blue shale.
2365	2415	55	anhydrite.
2415	2425	5	Black liny shale.
2425	2435	5	Grey sand.
2435	2445	5	Light and shale.
2445	2455	15	Sandy lime.
2455	2470	25	Sand.
2470			041 2456-2470

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, 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.

Blank area for well history text.



DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON, D. C. 20250
OFFICE OF THE DISTRICT MANAGER
SALT LAKE COUNTY, UTAH
JUL 1960