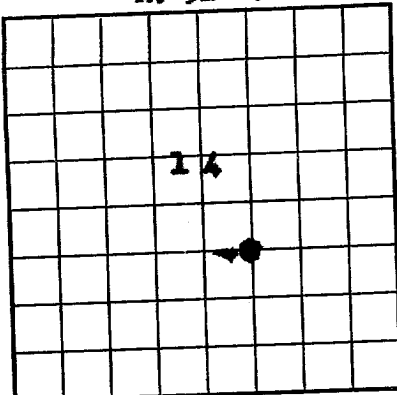


R. 31 E.

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 047633 (a)
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Bob Johnson Address P. O. Box 577 Artesia, New Mexico
Lessor or Tract Swearingen A. Field North Shugart State New Mexico
Well No. 6 Sec. 14 T. 18 S. R. 31 E Meridian N.M. County Eddy
Location 1980 ft. (N.) of S Line and 1980 ft. (W.) of E Line of Section 14 Elevation 3712
(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 Bob JohnsonTitle OwnerDate May 20, 1957

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

Commenced drilling March 26, 1957, 19____ Finished drilling May 10, 1957

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 2457 to 2470 No. 4, from _____ to _____
No. 2, from 3441 to 3465 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>8 5/8</u>	<u>24</u>	<u>8</u>		<u>778</u>					
<u>7</u>	<u>20</u>	<u>8</u>		<u>3512</u>			<u>3443</u>	<u>3464</u>	<u>Production</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8 5/8</u>	<u>778</u>	<u>50</u>	<u>Pressure</u>		<u>None</u>
<u>7</u>	<u>3512</u>	<u>100</u>	<u>Pressure</u>		<u>None</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>Dowell Sandfracs, using 30,000 pounds sand and 20,000 gallons of oil</u>						

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 3512 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____
May 10, 1957 _____ May 15th _____
The production for the first 24 hours was 100 barrels of fluid of which 100 % was oil; 0 %
emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. _____
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas 36
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller
J. R. Everts _____
_____, Driller _____, Driller
D. A. Robertson _____

FORMATION RECORD

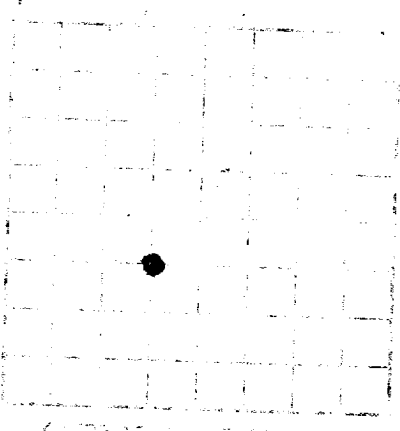
FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>200</u>	<u>200</u>	<u>Red Beds</u>
<u>200</u>	<u>285</u>	<u>85</u>	<u>Red Shale</u>
<u>285</u>	<u>734</u>	<u>449</u>	<u>Red Sandy Shale</u>
<u>734</u>	<u>880</u>	<u>146</u>	<u>Anhydrite</u>
<u>880</u>	<u>890</u>	<u>10</u>	<u>Salt</u>
<u>890</u>	<u>940</u>	<u>50</u>	<u>Anhydrite</u>
<u>940</u>	<u>945</u>	<u>5</u>	<u>Red Beds</u>
<u>945</u>	<u>955</u>	<u>10</u>	<u>Anhydrite</u>
<u>955</u>	<u>1135</u>	<u>180</u>	<u>Salt and Anhydrite</u>
<u>1135</u>	<u>1240</u>	<u>105</u>	<u>Salt and Potash</u>
<u>1240</u>	<u>1290</u>	<u>50</u>	<u>Salt and Anhydrite</u>
<u>1290</u>	<u>1345</u>	<u>55</u>	<u>Salt and Potash</u>
<u>1345</u>	<u>1400</u>	<u>55</u>	<u>Salt and Broken Anhydrite</u>
<u>1400</u>	<u>1620</u>	<u>220</u>	<u>Salt and Potash</u>
<u>1620</u>	<u>2030</u>	<u>410</u>	<u>Salt</u>
<u>2030</u>	<u>2070</u>	<u>30</u>	<u>Salt and Anhydrite</u>
<u>2070</u>	<u>2335</u>	<u>265</u>	<u>Anhydrite</u>
<u>2335</u>	<u>2350</u>	<u>15</u>	
<u>2350</u>	<u>2360</u>	<u>10</u>	
<u>2360</u>	<u>2457</u>		
<u>2457</u>	<u>2470</u>		
<u>2470</u>	<u>2715</u>		

FORMATION RECORD—Continued

FORMATION

LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



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.

HISTORY OF OIL OR GAS WELL

2877	2905	3015	3037	3102	3120	3175	3200	3226	3235	3250	3260	3285	3310	3340	3361	3381	3402	3435	3482	3488	3502	3512
28	110	22	65	18	55	25	26	9	15	10	25	25	30	21	20	21	33	47	6	14	10	
Broken Anhydrite, Lime and Shale	Anhydrite	Lime	Lime and Anhydrite	Dark Lime	Lime and Anhydrite	Dark Lime	Broken Anhydrite	Lime and Anhydrite	Gray Lime	Anhydrite-Broken	Lime and Anhydrite	Lime and Anhydrite	Gray Lime	Red Sand -	Gray Lime	Broken Lime	Broken Lime - Total Depth					