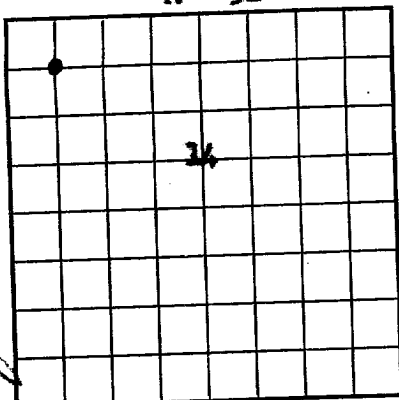


U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 047633 (b)
LEASE OR PERMIT TO PROSPECT _____

Form 9-380

R - 31 E



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 B Field North Shugart State New Mexico
Well No. 2 - B Sec. 14 T. 18 R. 31 Meridian 18TH County Eddy
Location 660 ft. S. of II Line and 660 ft. E. of W Line of _____ Elevation 3715
(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 Johnson Title Owner

Date February 19, 1956

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

Commenced drilling December 12, 1956 Finished drilling January 29, 1957

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

No. 1, from 2355 to 2363 Show Gas No. 4, from _____ to _____
No. 2, from 3375 to 3390 Oil & Gas No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 405 to 415 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>797</u>	<u>Same Pattern</u>		<u>None</u>		
<u>7</u>	<u>20</u>	<u>8</u>		<u>3427</u>	<u>Float Guide</u>		<u>3371</u>	<u>3381</u>	<u>Production</u>

MUDDING AND CEMENTING RECORD

MUDGING AND CEMENTING					
Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	797	50	Pressure	None	None
7	3427	103	Pressure	None	None

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 Sand Free Treatment, using 10,000 pounds of sand 10,000 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 3427 feet, and from _____ feet to _____ feet

DATES

Put to producing January 31, 1957
The production for the first 24 hours was 400 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 39
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

J. R. Everts, Driller Pat Ranspot, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>405</u>	<u>405</u>	<u>Red Beds</u>
<u>405</u>	<u>415</u>	<u>10</u>	<u>Water Sand</u>
<u>415</u>	<u>735</u>	<u>320</u>	<u>Red Beds</u>
<u>735</u>	<u>760</u>	<u>25</u>	<u>Anhydrite</u>
<u>760</u>	<u>775</u>	<u>15</u>	<u>Red Beds</u>
<u>775</u>	<u>865</u>	<u>90</u>	<u>Anhydrite</u>
<u>865</u>	<u>885</u>	<u>20</u>	<u>Salt</u>
<u>885</u>	<u>920</u>	<u>35</u>	<u>Anhydrite</u>
<u>920</u>	<u>1995</u>	<u>1075</u>	<u>Salt</u>
<u>1995</u>	<u>2050</u>	<u>55</u>	<u>Anhydrite</u>
<u>2050</u>	<u>2065</u>	<u>15</u>	<u>Anhydrite and Shale</u>
<u>2065</u>	<u>2074</u>	<u>9</u>	<u>Shale and Salt</u>
<u>2074</u>	<u>2165</u>	<u>91</u>	<u>Anhydrite</u>
<u>2165</u>	<u>2190</u>	<u>25</u>	<u>Broken Shale and Anhydrite</u>
<u>2190</u>	<u>2215</u>	<u>25</u>	<u>Anhydrite</u>
<u>2215</u>	<u>2250</u>	<u>35</u>	<u>Anhydrite and Shale</u>
<u>2250</u>	<u>2267</u>	<u>17</u>	<u>S L M</u>
<u>2267</u>	<u>2274</u>	<u>7</u>	<u>Anhydrite</u>
<u>2274</u>	<u>2285</u>	<u>11</u>	<u>Yates Sand</u>
<u>2285</u>	<u>2355</u>	<u>70</u>	<u>Anhydrite</u>
<u>2355</u>	<u>2363</u>	<u>8</u>	<u>Lime with Gas</u>
<u>2363</u>	<u>2390</u>	<u>27</u>	<u>Broken Anhydrite</u>
<u>2390</u>	<u>2450</u>	<u>60</u>	<u>Anhydrite</u>
<u>2450</u>	<u>2485</u>	<u>35</u>	<u>Sandy Shale and Anhydrite</u>
<u>2485</u>	<u>2583</u>	<u>98</u>	<u>Anhydrite and Shale</u>
<u>2583</u>	<u>2600</u>	<u>17</u>	<u>Lime</u>

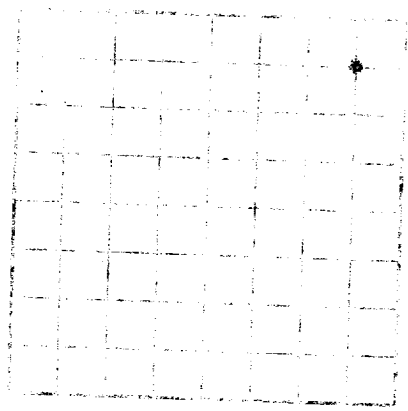
(OVER)

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
2610	2610	10	Gray Sand
2625	2625	15	Anhydrite
2640	2640	15	Sand and Shells
2655	2655	15	Anhydrite and Lime
2670	2670	15	Anhydrite
2685	2685	15	Lime
2695	2695	10	White Sand
2705	2705	10	Anhydrite
2735	2735	30	Gray Lime
2765	2765	30	Brown Lime
2785	2785	20	Gray Lime
2830	2830	45	Lime and Anhydrite
2870	2870	40	Gray Lime
2890	2890	20	Lime
2905	2905	15	Brown Lime
2965	2965	60	Gray Lime
2985	2985	20	Dark Lime and Gray Lime
3030	3030	45	Lime
3055	3055	25	Dark Lime
3075	3075	20	Lime
3110	3110	35	Broken Anhydrite, Candy Shale and Lime
3125	3125	15	Gray Lime
3135	3135	10	Anhydrite
3200	3200	65	Anhydrite, Lime and Shells
3225	3225	25	Dark Lime and Anhydrite
3275	3275	50	Lime
3315	3315	40	Anhydrite, Lime and Shells
3358	3358	43	Anhydrite
3400	3400	42	Red Sand
3427	3427	27	Anhydrite

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.



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
I OF OIL OR GAS WELL