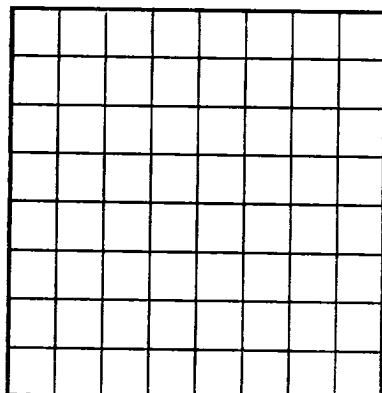


U. S. LAND OFFICE Las Cruces  
SERIAL NUMBER 029020-J  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Wm. F. Dodson, et al Address Box 566, Artesia, New Mexico  
Lessor or Tract Parke Field Square Lake State New Mexico  
Well No. 2 Sec. 3 T. 17 R. 30 Meridian NMPM County Eddy  
Location 660 ft. NS of N Line and 1980 ft. EW of E Line of Sec. 3-17-30 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 \_\_\_\_\_

Date June 11, 1943 Title Agent

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

Commenced drilling April 16, 1943 Finished drilling June 7, 1943

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2950 to 3015 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 410 to 425 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 1/4"</u>	<u>28-lb</u>	<u>8 thrd</u>	<u>Second hand</u>	<u>805</u>	<u>Regular</u>				<u>Wtr String</u>
<u>5 1/2"</u>	<u>20-lb</u>	<u>10 thrd</u>	<u>Second hand</u>	<u>2823</u>	<u>Texas-Ptn</u>				<u>Oil String</u>

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>500</u>	<u>50 sacks</u>	<u>Halliburton</u>		<u>Circulated with Aquagel</u>
<u>5 1/2"</u>	<u>2823</u>	<u>100 Sacks</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
<u>130 qts</u>	<u>3 1/2"</u>	<u>Nitro Glycerin</u>	<u>130 qts</u>	<u>8-3-43</u>	<u>2950-3015</u>	<u>3015</u>

TOOLS USED

Rotary tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from 0 feet to 3015 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

Put to producing June 15, 1943

The production for the first 24 hours was 123 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

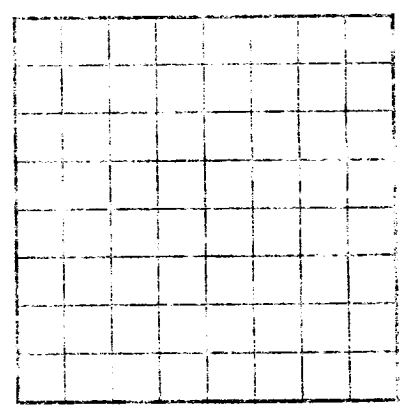
Carl Byler, Driller B. M. Banson, Driller  
C. H. Parker, Driller \_\_\_\_\_, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	270	270	Red Rock & Sand
270	375	105	Red Rock, sand & anhydrite
375	410	35	Anhydrite
410	425	15	Water Sand
425	445	20	Gray sandy shale
445	460	15	Red Rock
460	470	10	Anhydrite
470	480	10	Red Rock
480	490	10	Anhydrite & Shale
490	505	15	Mud
505	515	10	Salt
515	1170	655	Salt
1170	1235	65	Salt & Anhydrite
1235	1385	150	Anhydrite
1385	1725	340	Anhydrite & Red Rock
1725	1750	25	Anhydrite
1750	1775	25	Anhydrite & Red Rock
1775	1950	175	Anhydrite
1950	2140	190	Anhydrite & Red Rock
2140	2170	30	Anhydrite
2170	2200	30	Anhydrite & Lime
2200	2290	90	Anhydrite
2290	2330	30	Anhydrite & Sand
2330	2340	10	Anhydrite & Red Rock
2340	2350	10	Anhydrite & Sand
2350	2360	10	Anhydrite

FOLD MARK

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

Company \_\_\_\_\_  
Lessor or Fract \_\_\_\_\_  
Well No. \_\_\_\_\_ Sec. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_ Meridian \_\_\_\_\_  
Location \_\_\_\_\_ of \_\_\_\_\_ line and \_\_\_\_\_ of \_\_\_\_\_  
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.

Date \_\_\_\_\_ signed \_\_\_\_\_  
The summary on this page is for the location of the well at above data.

OIL OR GAS SANDS OR SANDS

Completed drilling \_\_\_\_\_  
Finished drilling \_\_\_\_\_  
No. 1 from \_\_\_\_\_ to \_\_\_\_\_  
No. 2 from \_\_\_\_\_ to \_\_\_\_\_  
No. 3 from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER SANDS

No. 1 from \_\_\_\_\_ to \_\_\_\_\_  
No. 2 from \_\_\_\_\_ to \_\_\_\_\_  
Casing \_\_\_\_\_

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 "struck" 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 pipes 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

FROM	TO	TOTAL FEET	FORMATION
2360	2365	5	Red Sand
2365	2375	10	Red Sand
2375	2381	6	Red Rock
2381	2398	17	Anhydrite & Red Rock
2398	2406	8	Anhydrite & Gyp
2406	2410	34	Lime
2410	2575	135	Anhydrite & Lime
2575	2650	75	Anhydrite
2650	2700	50	Anhydrite & Red Sand
2700	2715	15	Anhydrite
2715	2790	75	Lime
2790	2805	15	Lime & Anhydrite & Red Rock
2805	2890	85	Lime
2890	2893	3	Sand
2893	3015	122	Gas from 2893-2895 Show oil at 2960 Inc. oil at 2990

FORMATION RECORD—Continued

U. S. GOVERNMENT PRINTING OFFICE