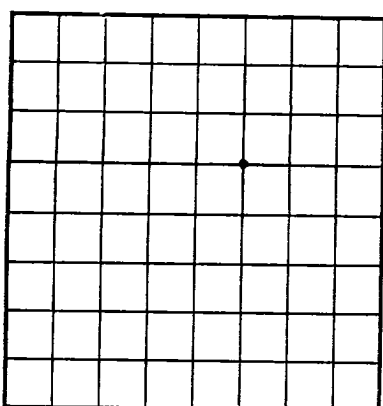




LOCATE WELL CORRECTLY

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER LC 068474
LEASE OR PERMIT TO PROSPECT Government
"B"1954 MAY 21 AM 8:54
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Cities Service Oil Company Address Box 97, Hobbs, New Mexico
Lessor or Tract Government "B" Field Drickey-Queen Extension State New Mexico
Well No. 2 Sec. 10 T. 14S R. 31E Meridian NMPM County Chaves
Location 1980 ft. (XX) of Northline and 1980 ft. (XX) of Eastline of Sec. 10-14S-31E Elevation 4312' GR
(Derrière 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 [Signature]Date May 19, 1954Title Asst. Division Supt.

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

Commenced drilling April 15, 19 54 Finished drilling May 9, 19 54

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2940' to 2960' 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 - 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-	
13 3/8"	48#	8R	H-40	271.12'	-	-	-	-	-
8 5/8"	21#	8R	J-55	1283.12'	Texas Pattern	Reclaimed	-	-	-
5 1/2"	14#	8R	J-55	2933.98'	Baker	-	-	-	-

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8"	277'	225	Plug	-	-
8 5/8"	1285'	-0-	-	-	20 sacks Aquagel
5 1/2"	2935'	100	Plug	-	25 sacks Aquagel
					w/75 sacks water ahead of cement

* Reclaimed

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
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

TOOLS USED

Rotary tools were used from 0 feet to 1285 feet, and from - feet to - feet
Cable tools were used from 1285 feet to 2960 feet, and from - feet to - feet

DATES

May 19, 19 54 Put to producing May 18, 19 54
Potential Test 6
The production for the first 64 hours was 64 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 36.7 @ 60 deg
If gas well, cu. ft. per 24 hours - Gallons gasoline per 1,000 cu. ft. of gas -
Rock pressure, lbs. per sq. in. -

EMPLOYEES

E. V. Greenwood, Driller J. B. Jones, Driller
B. W. Nester, Driller

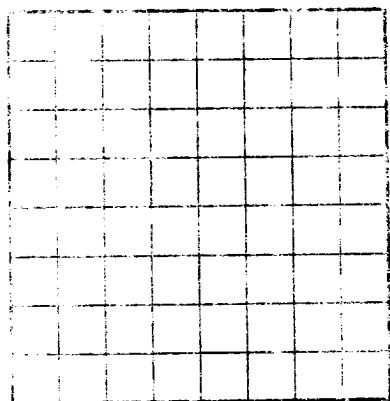
FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	180	180	Sand
180	589	409	Red Bed
589	810	221	Sand and red shale
810	1263	453	Red Bed
1263	1280	17	Shale
1280	1325	45	Anhydrite
1325	1385	60	Anhydrite and shale breaks
1385	1400	15	Anhydrite
1400	1425	25	Salt
1425	1555	130	Salt and shale
1555	1735	180	Salt and potash
1735	1800	65	Salt and anhydrite
1800	1920	120	Salt
1920	1980	60	Salt and potash
1980	2045	65	Salt
2045	2110	65	Anhydrite and shale
2110	2160	50	Anhydrite and potash
2160	2185	25	Anhydrite and shale
2185	2215	30	Shale
2215	2245	30	Red Shale
2245	2290	45	Anhydrite and red shale
2290	2340	50	Shale, anhydrite and sand
2340	2485	145	Anhydrite and red shale
2485	2635	150	Anhydrite
2635	2880	245	Anhydrite and shale
2880	2940	60	Anhydrite
2940	2960	20	Sand

(OVER)

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES



LOCATE WELL CORRECTLY

Company _____
Address _____
City _____
State _____
Well No. _____
Location _____
The information given here with reference to the well and all work done thereon
so far as can be determined from all available records.

Date _____
The summary on this page is for the well in the data
(Completed drilling _____) _____

OIL OR GAS SANDS OR ZONES

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____

IMPORTANT WATER SANDS

No. 1 from _____ to _____
No. 2 from _____ to _____

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
abandoned, 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 bridges 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

FORMATION RECORD		TOOL LOG		DATA		EXPLANATIONS	
FROM	TO	FORMATION	TOOL	DATA	EXPLANATIONS	FORMATION	TOOL
2960	2950	_____	_____	_____	_____	_____	_____
2950	2940	_____	_____	_____	_____	_____	_____
2940	2930	_____	_____	_____	_____	_____	_____
2930	2920	_____	_____	_____	_____	_____	_____
2920	2910	_____	_____	_____	_____	_____	_____
2910	2900	_____	_____	_____	_____	_____	_____
2900	2890	_____	_____	_____	_____	_____	_____
2890	2880	_____	_____	_____	_____	_____	_____
2880	2870	_____	_____	_____	_____	_____	_____
2870	2860	_____	_____	_____	_____	_____	_____
2860	2850	_____	_____	_____	_____	_____	_____
2850	2840	_____	_____	_____	_____	_____	_____
2840	2830	_____	_____	_____	_____	_____	_____
2830	2820	_____	_____	_____	_____	_____	_____
2820	2810	_____	_____	_____	_____	_____	_____
2810	2800	_____	_____	_____	_____	_____	_____
2800	2790	_____	_____	_____	_____	_____	_____
2790	2780	_____	_____	_____	_____	_____	_____
2780	2770	_____	_____	_____	_____	_____	_____
2770	2760	_____	_____	_____	_____	_____	_____
2760	2750	_____	_____	_____	_____	_____	_____
2750	2740	_____	_____	_____	_____	_____	_____
2740	2730	_____	_____	_____	_____	_____	_____
2730	2720	_____	_____	_____	_____	_____	_____
2720	2710	_____	_____	_____	_____	_____	_____
2710	2700	_____	_____	_____	_____	_____	_____
2700	2690	_____	_____	_____	_____	_____	_____
2690	2680	_____	_____	_____	_____	_____	_____
2680	2670	_____	_____	_____	_____	_____	_____
2670	2660	_____	_____	_____	_____	_____	_____
2660	2650	_____	_____	_____	_____	_____	_____
2650	2640	_____	_____	_____	_____	_____	_____
2640	2630	_____	_____	_____	_____	_____	_____
2630	2620	_____	_____	_____	_____	_____	_____
2620	2610	_____	_____	_____	_____	_____	_____
2610	2600	_____	_____	_____	_____	_____	_____
2600	2590	_____	_____	_____	_____	_____	_____
2590	2580	_____	_____	_____	_____	_____	_____
2580	2570	_____	_____	_____	_____	_____	_____
2570	2560	_____	_____	_____	_____	_____	_____
2560	2550	_____	_____	_____	_____	_____	_____
2550	2540	_____	_____	_____	_____	_____	_____
2540	2530	_____	_____	_____	_____	_____	_____
2530	2520	_____	_____	_____	_____	_____	_____
2520	2510	_____	_____	_____	_____	_____	_____
2510	2500	_____	_____	_____	_____	_____	_____
2500	2490	_____	_____	_____	_____	_____	_____
2490	2480	_____	_____	_____	_____	_____	_____
2480	2470	_____	_____	_____	_____	_____	_____
2470	2460	_____	_____	_____	_____	_____	_____
2460	2450	_____	_____	_____	_____	_____	_____
2450	2440	_____	_____	_____	_____	_____	_____
2440	2430	_____	_____	_____	_____	_____	_____
2430	2420	_____	_____	_____	_____	_____	_____
2420	2410	_____	_____	_____	_____	_____	_____
2410	2400	_____	_____	_____	_____	_____	_____
2400	2390	_____	_____	_____	_____	_____	_____
2390	2380	_____	_____	_____	_____	_____	_____
2380	2370	_____	_____	_____	_____	_____	_____
2370	2360	_____	_____	_____	_____	_____	_____
2360	2350	_____	_____	_____	_____	_____	_____
2350	2340	_____	_____	_____	_____	_____	_____
2340	2330	_____	_____	_____	_____	_____	_____
2330	2320	_____	_____	_____	_____	_____	_____
2320	2310	_____	_____	_____	_____	_____	_____
2310	2300	_____	_____	_____	_____	_____	_____
2300	2290	_____	_____	_____	_____	_____	_____
2290	2280	_____	_____	_____	_____	_____	_____
2280	2270	_____	_____	_____	_____	_____	_____
2270	2260	_____	_____	_____	_____	_____	_____
2260	2250	_____	_____	_____	_____	_____	_____
2250	2240	_____	_____	_____	_____	_____	_____
2240	2230	_____	_____	_____	_____	_____	_____
2230	2220	_____	_____	_____	_____	_____	_____
2220	2210	_____	_____	_____	_____	_____	_____
2210	2200	_____	_____	_____	_____	_____	_____
2200	2190	_____	_____	_____	_____	_____	_____
2190	2180	_____	_____	_____	_____	_____	_____
2180	2170	_____	_____	_____	_____	_____	_____
2170	2160	_____	_____	_____	_____	_____	_____
2160	2150	_____	_____	_____	_____	_____	_____
2150	2140	_____	_____	_____	_____	_____	_____
2140	2130	_____	_____	_____	_____	_____	_____
2130	2120	_____	_____	_____	_____	_____	_____
2120	2110	_____	_____	_____	_____	_____	_____
2110	2100	_____	_____	_____	_____	_____	_____
2100	2090	_____	_____	_____	_____	_____	_____
2090	2080	_____	_____	_____	_____	_____	_____
2080	2070	_____	_____	_____	_____	_____	_____
2070	2060	_____	_____	_____	_____	_____	_____
2060	2050	_____	_____	_____	_____	_____	_____
2050	2040	_____	_____	_____	_____	_____	_____
2040	2030	_____	_____	_____	_____	_____	_____
2030	2020	_____	_____	_____	_____	_____	_____
2020	2010	_____	_____	_____	_____	_____	_____
2010	2000	_____	_____	_____	_____	_____	_____
2000	1990	_____	_____	_____	_____	_____	_____