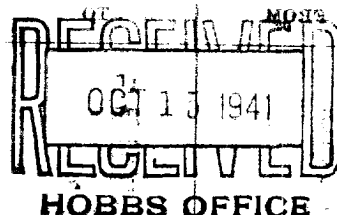


NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD



Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Leonard Oil Company & Welch

State

Company or Operator

Lease

Well No. 3 in N31W1 of Sec. 18, T. 20S

R. 33E, N. M. P. M., Salt Lake Field, Lea County.

Well is 660 feet south of the North line and 1980 feet west of the East line of the west line.

If State land the oil and gas lease is No. B-8673 Assignment No. 2

If patented land the owner is Address

If Government land the permittee is Address

The Lessee is Address

Drilling commenced September 7, 1941 Drilling was completed October 13, 1941

Name of drilling contractor Leonard Oil Company Address Roswell, New Mexico

Elevation above sea level at top of casing feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3040 to 3048 No. 4, from to
No. 2, from 3067 to 3072 No. 5, from to
No. 3, from 3076 to 3084 No. 6, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from 415 to 425 feet.
No. 2, from to feet.
No. 2, from to feet.
No. 4, from to feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM TO	PURPOSE
8 5/8" O.D.				1114				
7" O.D.				3071				
2" Tubing				3098				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
8 5/8" O.D.	1114		25			
7" O.D.			50			

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth Set
Adapters—Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT

Results of shooting or chemical treatment

RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet
Cable tools were used from 0 feet to 3099 feet, and from feet to feet

PRODUCTION

Put to producing 10-16-41, 19
The production of the first 24 hours was 48 barrels of fluid of which 100% was oil; % emulsion; % water; and % sediment. Gravity, Be 26
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
Rock pressure, lbs. per sq. in.

EMPLOYEES

S. A. Burks Driller E. J. Shepard Driller
G. C. Parish Driller

FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this 14th

day of October, 1941

Notary Public.

Roswell, New Mexico October 14, 1941

Name Blanche Vandewest

Position Assistant Secretary

Leonard Oil Company

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	15		Caliche
15	25		Sand
25	50		Red bed
50	120		Red bed
120	160		Red bed
160	195		Red rock
195	210		Red bed
210	220		Gray shale
220	240		Red bed
240	345		Red bed
345	405		Red rock
405	415		Red Rock
415	425		Sand & water
425	445		Red bed & sand
445	555		Red sandy shale
555	580		Red bed
580	620		Red bed
620	660		Red shale
660	750		Red rock
750	760		Red sand
760	780		Red rock
780	790		Red rock
790	800		Hard shell
800	815		Red rock
815	845		Red sandy shale
845	850		Red rock
850	880		Red sandy shale
880	925		Red shale
925	965		Red shale
965	1095		Red shale
1095	1104		Red rock
1104	1114		Anhydrite
1114	1135		Anhydrite
1135	1150		Red shale
1150	1160		Anhydrite
1160	1195		Broken anhydrite
1195	1225		White anhydrite
1225	1245		White lime
1245	1320		Salt
1320	1360		Anhydrite
1360	1375		Anhydrite
1375	1380		Red shale
1380	1410		Salt & anhydrite
1410	1425		Anhydrite
1425	1455		Salt & polyhalite
1455	1470		Red shale
1470	1490		Salt
1490	1500		Anhydrite
1500	1515		Salt
1515	1565		Salt & anhydrite
1565	1625		Salt & anhydrite
1625	1635		Anhydrite
1635	1675		Salt potash
1675	1785		Salt
1785	1840		Salt potash
1840	1955		Salt
1955	2005		Salt potash
2005	2060		Salt & polyhalite
2060	2205		Salt
2205	2255		Polyhalite & anhydrite
2255	2295		Salt & polyhalite
2295	2445		Salt
2445	2495		Anhydrite
2495	2540		Salt
2540	2600		Salt & polyhalite
2600	2630		Anhydrite lime
2630	2650		Gray lime
2650	2800		Brown lime
2800	2830		Broken lime
2830	2840		Gray lime
2840	2855		Brown lime
2855	2880		Broken lime
2880	2895		Line
2895	2908		Gray lime
2908	3022		Gray lime
3022	3025		Sand
3025	3048		Gray lime
3048	3099		Line