

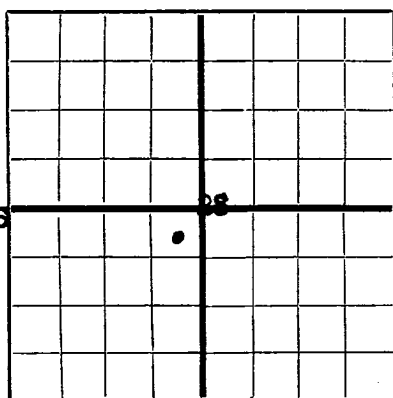
29E N

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

C O P Y

WELL RECORD

17S

AREA 640 ACRES
LOCATE WELL CORRECTLY

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 TRIPPLICATE. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

Leonard Oil Company

Roswell, New Mexico

Company or Operator

Address

State B-514

Well No. 16

in NE 1/4 SW 1/4

of Sec. 28

T. 17S

Lease

R. 29E

N. M. P. M. Grayburg-Jackson

Field, Eddy

County.

Well is 2970 feet south of the North line and 2970 feet west of the East line of Sec. 28

If State land the oil and gas lease is No. B-514 Assignment No.

If patented land the owner is Address

If Government land the permittee is Address

The Lessee is Leonard Oil Company Address Roswell, New Mexico

Drilling commenced August 24 1949 Drilling was completed November 9 1949

Name of drilling contractor Roach & Shepard Address Artesia, New Mexico

Elevation above sea level at top of casing 3576 feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 2571' to 2761' No. 4, from to
No. 2, from 2754' to 2765' No. 5, from to
No. 3, from to 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 None to feet.
No. 2, from to feet.
No. 3, 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		PURPOSE
							FROM	TO	
8-5/8"	24#			300'	Tex. Pat.				
7"	20#			2731'					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
	8-5/8"	300'	50 sax	Halliburton		
	7"	2731'	100 sax	" "		

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
(Dowall Inc.)		Acid	1000 Gal	11-4-49	2748-2770	2
			2000 Gal	11-6-49	2748-2770	

Results of shooting or chemical treatment Increase from 6 BOPD to 33 BOPD after acid.

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 2770 feet, and from feet to feet

PRODUCTION

Put to producing November 9 1949.
The production of the first 24 hours was 33 barrels of fluid of which 100% was oil; % emulsion; % water; and % sediment. Gravity, Be.
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas.
Rock pressure, lbs. per sq. in.

EMPLOYEES

Clarence Roach Driller Johnson Driller
E. J. Shepard Driller Spencer 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 22nd

Roswell, New Mexico

Nov. 22, 1949

day of November 1949

Name Emmet D. White

Position Vice-President

Representing Leonard Oil Company

Notary Public

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	70	70	Sand
70	115	45	Sand & Gypsum
115	155	40	Gypsum
155	235	80	Anhydrite & Red Rock
235	295	60	Red Rock
295	300	5	Salt
300	350	50	Salt
350	560	210	Salt
560	650	90	Salt
650	675	25	Anhydrite
675	700	25	Salt
700	715	15	Salt & Anhydrite
715	725	10	Salt
725	800	75	Anhydrite
800	825	25	Anhydrite, Hard
825	960	135	Anhydrite & Red Rock
960	1035	75	Anhydrite
1035	1080	45	Anhydrite & Red Rock
1080	1175	95	Anhydrite
1175	1290	115	Anhydrite
1290	1395	105	Anhydrite
1395	1500	105	Anhydrite
1500	1605	105	Anhydrite
1605	1705	100	Anhydrite
1705	1735	30	Anhydrite
1735	1765	30	Red Sand & Anhydrite
1765	1775	10	Red Sand
1775	1795	20	Anhydrite
1795	1885	90	Anhydrite
1885	1985	100	Anhydrite
1985	2015	30	Anhydrite
2015	2060	45	Red Sand
2060	2100	40	Red Sand & Anhydrite
2100	2165	65	Anhydrite
2165	2180	15	Lime
2180	2225	45	Lime
2225	2265	40	Lime
2265	2275	10	Lime, Brown
2275	2310	35	Lime (SLM at 2294)
2310	2350	40	Lime
2350	2355	5	Sandy Lime (gas)
2355	2395	40	Lime
2395	2440	50	Lime
2440	2470	30	Lime
2470	2485	15	Red Sand
2485	2490	5	Lime
2490	2530	40	White Lime (very light sh/oil 2525-30)
2530	2555	25	Lime
2555	2570	15	White Lime
2570	2605	35	Lime (SLM 2592 equals 2597)
2605	2640	35	Lime
2640	2650	10	Gray Lime
2650	2695	45	Gray Lime
2695	2710	15	Lime
2710	2715	5	Broken Lime
2715	2723	8	Gray Lime
2723	2735	12	Lime
2735	2755	20	Lime
2755	2762	7	Lime (Oil & Gas)
2762	2768	6	Lime
2768	2770	2	Lime TD 2770'