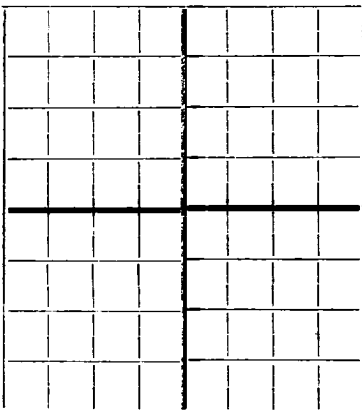


N



AREA 640 ACRES
LOCATE WELL CORRECTLY

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

Leonard Oil Company B-514 State
Company or Operator Address
Well No. 15 in SE 1/4 NE 1/4 of Sec. 28 T. 17S
Lease
R. 29E, N. M. P. M., Grayburg-Jackson Field, Eddy County.
Well is 650' feet south of the North line and 330' feet west of the East line of Section 28
If State land the oil and gas lease is No. B-514 Assignment No. 2
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 Nov. 23 19 46 Drilling was completed February 24 19 47
Name of drilling contractor Roach & Shepard, Address Artesia, New Mexico
Elevation above sea level at top of casing 3556' feet.
The information given is to be kept confidential until 19

OIL SANDS OR ZONES

Oil No. 1, from 2674' to 2720' No. 4, from 2675' to 2685'
Oil No. 2, from 2740' to 2755' No. 5, from to
Oil No. 3, from 2760' to 2769' 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 No Water 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"	28#	8	J & L	281'					
7"	20#	8	J & L	2673'	Tex. Pat.				

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
10"	8 5/8"	281	50			
8"	7"	2673'	100			

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
		Acid	500 gal.	2-13-47		
		"	1000 "	2-13-47		
		"	3000 "	2-16-47		
		"	2000 "	2-21-47		

Results of shooting or chemical treatment Increased from 1 bbl. per hour to 2 bbl. per hour

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 0 feet to 2823 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing Feb. 24 19 47
The production of the first 24 hours was 2 bbl. per hr. barrels of fluid of which % 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

C. E. Roach, Driller
E. J. Shepard, 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 Place Date
day of 19 Name
Position
Notary Public Representing

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	45	45	Sand & Gleschie
45	95	50	Anhydrite
95	190	95	Sand & Gray Shale
190	205	15	Red Rock & Gray Shale
205	245	40	Red Rock
245	285	40	Salt & Potash
285	395	110	Salt
395	465	70	Salt
465	610	45	Anhydrite & Salt
610	665	155	Salt
665	700	35	Anhydrite
700	760	60	Anhydrite & Red Rock
760	830	70	Anhydrite
830	875	45	Anhydrite & Red Rock
875	985	110	Anhydrite & Red Rock
985	1040	55	Anhydrite
1040	1085	45	Broken Anhydrite
1085	1135	100	Anhydrite
1135	1300	115	Anhydrite - Show of Gas at 1252'
1300	1400	100	Anhydrite
1400	1490	90	Anhydrite
1490	1510	20	Red Sandy Shale
1510	1685	175	Anhydrite
1685	1707	22	Anhydrite
1707	1714	7	Red Sand
1714	1740	26	Red Sand & Shale
1740	1885	145	Anhydrite
1885	1998	113	Anhydrite
1998	2097	99	Anhydrite
2097	2145	48	Brown Lime
2145	2190	45	Gray Lime
2190	2240	58	Lime
2248	2300	52	Lime
2300	2330	30	Lime
2330	2335-	5	Sandy Lime - Small show of Gas
2335	2385	50	Lime
2385	2420	35	Lime
2420	2465	45	Lime - Rainbow of Oil at 2450'
2465	2480	15	Lime
2480	2506	26	Lime
2506	2520	14	Brown Lime
2520	2545	25	Lime
2545	2575	30	Lime
2575	2650	75	Lime
2650	2685	35	Lime - Small show of oil 2675 to 2685'
2685	2755	70	Lime
2755	2775	20	Lime
2775	2782	7	Lime
2782	2865	23	Lime
2805	2823	18	Lime