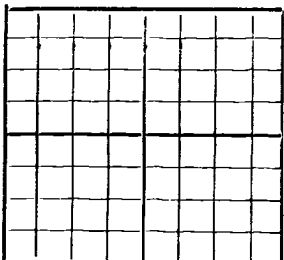


N.



NEW MEXICO STATE LAND OFFICE
SANTA FE, NEW MEXICO

DEPARTMENT OF THE STATE GEOLOGIST

WELL RECORD

Mail to State Geologist, Santa Fe, New Mexico, not more than ten days after completion of well. Indicate questionable data by following it with (?). Submit in duplicate.

Company LEONARD & LEVERS, INC. Address ROSWELL NEW MEX.

Send correspondence to _____ Address _____

LEONARD & LEVERS Well No. #4 in SE 1/4 SW 1/4 of Sec. 21, T. 17S, R. 29E, N. M. P. M., LEONARD & LEVERS Oil Field EDDY County.

If State land the oil and gas lease is No. 711 Assignment No. _____

If patented land the owner is _____ Address _____

The lessee is _____ Address _____

If not state or patented land, give status _____

Drilling commenced AUG 27 19 30 Drilling was completed Oct-9-1930 19 _____

Name of drilling contractor EMERY CARPER Address Roswell-N.M.

Elevation above sea level at top of casing 3613 feet.

The information given is to be kept confidential until _____ 19 _____

OIL SANDS OR ZONES

No. 1, from 2215 to 2218 GAS No. 4, from _____ to _____

No. 2, from 2273 to 2278 GAS No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from NONE to _____ No. 3, from _____ to _____

No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATED		PURPOSE
							FROM	TO	
8"	24 lb.			678 ft					
6-5/8	20 lb.s			2127 ft					

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
6-5/8	2127	15 sacks			to surface

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 _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from CABLE feet to _____ feet, and from _____ feet to _____ feet

PRODUCTION

Put to producing _____, 19 _____.

The production of the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, Be. _____

If gas well, cu. ft. per 24 hours FIVE MILLION Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

FRANK TIGHER, Driller _____, Driller

JIM NELLIS, Driller _____, 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 Name Harry Leonard

day of October, 1930 Position _____

Blanche M. C. Lay Notary Public. Representing LEONARD & LEVERS, INC.

My commission expires Mar 9-1932 Company or Operator

FORMATION RECORD

LEONARD AND LEVERIS, INC., WELL #4,

SE 1/4 SW 1/4 Section 21-17S-29E,

Eddy County, New Mexico.

Elevation: 3613'

FROM	TO	FORMATION	FROM	TO	FORMATION
0	25	Gyp	1910	1980	Gray anhydrite & brown shale
25	30	Red Beds			
30	150	Gyp & Red Beds	1980	2060	Anhydrite gray & brown shale
150	270	Red beds & Gyp			
270	275	Gyp	2060	2090	Gray anhydrite & brown shale
275	400	Salt			
400	510	Salt	2090	2110	Lime, gray
510	625	Salt	2110	2140	Gray lime, light
625	668	Salt	2140	2148	Light gray lime
668	680	Anhydrite, gray	2148	2160	Gray lime
680	755	Anhydrite, gray	2160	2163	Red shale
755	822	Anhydrite, gray	2163	2180	Gray lime
822	825	Blue Shale	2180	2195	Gray lime
825	890	Gray anhydrite & brown shale	2195	2203	Light gray lime
			2203	2213	Light gray lime
890	960	Gray Anhydrite & brown shale	2213	2238	Gray lime - GAS 2215-18 (Estimated 3/4 Mil.)
960	1000	Gray Anhydrite & brown shale	2238	2268	Gray lime
			2268	2273	Gray lime
1000	1005	Blue shale	2273	2278	Gas sand - T.D.
1005	1040	Gray anhydrite			
1040	1120	Gray anhydrite & brown shale			
1120	1190	Gray anhydrite - LITTLE OIL SHOW 1165'			
1190	1260	Gray anhydrite			
1260	1305	Gray anhydrite			
1305	1360	Gray anhydrite			
1360	1420	Gray anhydrite			
1420	1485	Gray anhydrite & brown shale			
1485	1565	Gray anhydrite & little brown shale			
1565	1635	Gray anhydrite & brown shale			
1635	1690	Gray anhydrite - LITTLE GAS 1680-1685			
1690	1732	Brown shale & gray anhy.			
1732	1748	Red sand			
1748	1785	Gray anhydrite hard, some brown shale			
1785	1848	Gray anhydrite & brown shale			
1848	1870	Gray anhydrite			
1870	1876	Brown shale			
1876	1910	Gray anhydrite			