

Santa Fe, New Mexico

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Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

HEATING OIL COMPANY

State 3-35714, Route #2

.....
(Company or Operator)

(Leave)

Well No. 3 in NE 1/4 of NE 1/4 of Sec. 22, T. 17S, R. 29E, NMPM.

City of _____ Pool _____ County _____

Well is 1900 feet from East line and 640 feet from North line.

of Section 22 If State Land the Oil and Gas Lease No. is B-38714

Drilling Commenced April 18, 1956 Drilling was Completed June 17, 1956

Name of Drilling Contractor..... **SHEPHERD & DOACH,**

Address..... **Artesia, New Mexico**

Elevation above sea level at Top of Tubing Head..... ~~350~~ (351)..... The information given is to be kept confidential until

....., 19.....

No. 1, from 1059 to 1062 2046 No. 4, from 2653 to 2662 2046

No. 2, from 1796 to 1815 " No. 5, from 1746 to 1796 "

No. 3, from 2250 to 2260 " No. 6, from 2289 to 2295 " 10

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

No. 1. from to feet.

No. 2. from to feet.

No. 3, from to feet.

No. 4. from to feet.

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
0-1/8	2.2	NEW	748'				
1-1/8	1.9	NEW	273'				
2-2/8	4.7	NEW	262				

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
	8-1/8	448'	50	(BENTON)		
	9-1/2	3273'	200	(BENTON)		
	2-3/8	2632				

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Perforations 3219-3235 treated with 10,000 gals. sand-oil.

Production 21 bbls. water 8 bbls. oil per day - Flanged off.

Perforations 2725-2732 Treated 6,000 gals. acid - Subbed 1-1/4 BOPH.

Perforations 2622-2626 Treated 6,000 gals. acid - Spotted 2 RFT's.

Result of Production Stimulation.....

Depth Cleaned Out

WORD OF DRILL-STEM AND SPECIAL TE

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.....3273.....feet, and from.....feet to.....feet.

PRODUCTION

Put to Producing.....June 17,....., 19. 36..

OIL WELL: The production during the first 24 hours was.....66.....barrels of liquid of which.....100.....% was
was oil;% was emulsion;% water; and.....% was sediment. A.P.I.
Gravity.....

GAS WELL: The production during the first 24 hours was.....M.C.F. plus.....barrels of
liquid Hydrocarbon. Shut in Pressure.....lbs.

Length of Time Shut in.....

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy.....	T. Devonian.....	T. Ojo Alamo.....	
T. Salt.....400	T. Silurian.....	T. Kirtland-Fruitland.....	
B. Salt.....245	T. Montoya.....6	T. Farmington.....	
T. Yates.....1099	T. Simpson.....	T. Pictured Cliffs.....	
T. 7 Rivers.....	T. McKee.....	T. Menefee.....	
T. Queen.....1705	T. Ellenburger.....	T. Point Lookout.....	
T. Grayburg.....	T. Gr. Wash.....	T. Mancos.....	
T. San Andres.....2464	T. Granite.....1	T. Dakota.....	
T. Glorieta.....	T.1	T. Morrison.....	
T. Drinkard.....	T.2	T. Penn.....	
T. Tubbs.....	T.1	T.	
T. Abo.....	T.1	T.	
T. Penn.....	T.1	T.	
T. Miss.....	T. B. of Mines.....1	T.	
FORMATION RECORD			

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	10	10	Gallardo	1905	2020	35	Anhydrite
10	30	20	Sand	2020	2030	10	Pink Line
30	163	133	Red Beds	2030	2120	90	Anhydrite
163	167	4	Sand	2120	2127	7	Gray Line
167	177	10	Anhydrite	2127	2165	38	Brown-Gray Line
177	185	8	Shale & Anhydrite	2165	2175	10	Anhydrite & Gyp
185	240	55	Red Beds	2175	2191	16	Gray Line
240	295	15	Gyp	2191	2229	38	Line
295	432	137	Red Rock & Gyp	2229	2249	20	Gray Line
432	735	303	Salt	2249	2263	14	Line, sandy
735	915	180	Anhydrite	2263	2707	444	Line
915	960	45	Anhydrite & Red Rock	2707	2802	95	Gray Line
960	1099	99	Anhydrite	2802	2979	177	Line
1099	1062	3	Brown Sand	2979	2996	21	Dark Line
1062	1440	378	Anhydrite	2996	3120	124	Line
1440	1490	50	Brown Line	3120	3140	20	Sandy Line
1490	1705	215	Anhydrite	3140	3170	30	Anhydrite
1705	1815	30	Red Sand	3170	3240	70	Line
1815	1830	15	Line & Anhydrite	3240	3256	16	Anhydrite
1830	1895	65	Anhydrite, Gypsum	3256	3280	24	Line
1895	1900	5	Anhydrite, Gray Line				
1900	1935	35	Anhydrite				
1935	1960	25	Line				
1960	1975	15	Anhydrite				
1975	1985	10	Line				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

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.

Company c- Operator.....LEONARD OIL COMPANY.....Address.....Box 708, Roswell, N. M.
Name.....Robert Leonard.....Position or Title.....President
Date.....June 12, 1936.....(Date)