

N.


AREA 640 ACRES  
LOCATE WELL CORRECTLY

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 Harry Leonard, Inc., Address Roswell, New Mexico.  
Send correspondence to Harry Leonard, Inc., Address Roswell, New Mexico.  
State 29E Well No. 9 in SE, NW of Sec. 22, T. 17S  
R. Artesia, N. M. P. M., Eddy Oil Field Eddy County.  
If State land the oil and gas lease is No. B-1266 Assignment No. \_\_\_\_\_  
If patented land the owner is \_\_\_\_\_, Address \_\_\_\_\_  
The lessee is \_\_\_\_\_, Address \_\_\_\_\_  
If not state or patented land, give status \_\_\_\_\_  
Drilling commenced September 18 19 33 Drilling was completed November 24 19 33  
Name of drilling contractor Emery Carper Address Artesia, N. M.  
Elevation above sea level at top of casing 3549' feet.  
The information given is to be kept confidential until \_\_\_\_\_ 19 \_\_\_\_.

OIL SANDS OR ZONES

No. 1, from Show Gas 2257 to \_\_\_\_\_ No. 4, from Show Oil 2655 to 2661  
No. 2, from Show Oil 2346 to 2354 No. 5, from Gas 2853' to \_\_\_\_\_  
No. 3, from Show Oil 2359 to 2392 No. 6, from \_\_\_\_\_ to \_\_\_\_\_

IMPORTANT WATER SANDS

No. 1, from 95 (water) to 105 No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 150 " to 155 No. 4, from \_\_\_\_\_ to \_\_\_\_\_

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & PULLED FROM	PERFORATED		PURPOSE
							FROM	TO	
<u>10"</u>	<u>40#</u>	<u>8</u>		<u>277</u>					
<u>8 1/2"</u>	<u>32#</u>			<u>2157</u>					

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
		<u>ALL PIPE MUDDIED</u>			

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 \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
No. 3 National Machine

PRODUCTION

Put to producing Well shut in, 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 \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
Rock pressure, lbs. per sq. in. \_\_\_\_\_

EMPLOYES

Emery Carper, Driller \_\_\_\_\_, Driller \_\_\_\_\_  
J. F. 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 23rd Name Harry Leonard  
day of December, 19 33 Position President  
Charles McGary Representing HARRY LEONARD, INC.,  
Notary Public. Company or Operator.  
My commission expires March 28, 1936.

MAY 17 1934

# FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
			HARRY LEONARD, State #9
			SE, NW, Section 22-178-29E,
			Eddy County, New Mexico.
CASING RECORD:	277'	10"	ELEVATION: 3549'
	2157'	8-14", 32#	

0- 60	Red Beds	2392-2431	Gray Lime
60- 75	Gyp	2431-2443	Gray Lime & Brown Shale
75- 95	Red Beds	2443-2467	Gray Lime
95- 105	Broken Lime - WATER	2467-2510	White Lime
105- 150	Red Beds	2510-2525	Gray Lime
150- 155	Gray Sand - WATER	2525-2543	White Lime
155- 240	Gyp and Red Beds	2543-2559	Gray Sandy Lime, Sharp
240- 280	Red Beds	2559-2577	Gray Lime
280- 530	Salt	2577-2655	Gray Lime, Light
530- 540	Salt and Gyp	2655-2841	Gray Lime - GOOD SHOW OF OIL 2655-61'
540- 560	Salt, Gray Shale, Gyp	2841-2869	Brown Lime - 206,000' GAS AT 2853'
560- 703	Salt	2869-2931	Lime, Gray
703- 763	Anhy. Br. Shale & Gyp	2931-2952	Dark Gray Lime
763- 825	Anhydrite, Gray	2952-2963	Dark Gray Sandy Lime
825- 905	Gray Anhy & Br. Shale	2963-2990	Dark Gray Lime
905- 985	Anhydrite & Br. Shale	2990-3002	Gray Lime
985-1060	Gray Anhy. & Brown Shale		T.D.
1060-1070	Anhydrite & Blue Shale		
1070-1075	Anhydrite, Gray		
1075-1085	Anhydrite & Lime		
1085-1150	Anhydrite & Br. Shale		
1150-1255	Shale and Anhydrite		
1255-1310	Gray Anhydrite		
1310-1337	Brown Shale & Anhydrite		
1337-1380	Anhydrite		
1380-1410	Brn Shale, Anhydrite		
1410-1430	Anhydrite & Lime		
1430-1498	Anhydrite & Brown Shale		
1498-1520	Anhydrite		
1520-1535	Brown Shale		
1535-1555	Anhydrite		
1555-1665	Anhydrite & Brn Shale		
1665-1720	Anhydrite		
1720-1755	Shale and Anhydrite		
1755-1782	Red Sand		
1782-1800	Gray Anhydrite		
1800-1825	Shale and Anhydrite		
1825-1877	Anhydrite		
1877-1906	Shale and Anhydrite		
1906-1920	Lime, Gray		
1920-1925	Brown Shale		
1925-2036	Brown Shale & Anhydrite		
2036-2061	Lime, Shale & Anhydrite		
2061-2110	Lime Shells, Anhydrite & Brown Shale		
2110-2122	Shale and Anhydrite		
2122-2145	Brown Lime - TOP BRN LIME		
2145-2225	Gray Lime - LITTLE GAS 2257'		
2225-2290	Shale Break		
2290-2346	Lime, Gray		
2346-2354	Sandy Lime - SHOW OF OIL		
2354-2359	Gray Lime		
2359-2392	Brown Lime, Sandy - LITTLE SHOW OF OIL		