

U. S. LAND OFFICE New Mexico
SERIAL NUMBER 0569

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company LEONARD OIL COMPANY Address Box 708, Roswell, N. M.
Lessor or Tract Ginsberg Field Langlie-Mattix State New Mexico
Well No. 6 Sec. 31 T. 25S R. 38E Meridian N.M.P.M. County Lea

Location 1980 ft. N of N Line and 660 ft. E of W Line of Sec. 31 Elevation 3048 (DF)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed Robert J. Leonard Title Robert J. Leonard, Pres.
Date 3-5-56

The summary on this page is for the condition of the well at above date.

Commenced drilling February 12, 19 56 Finished drilling February 29, 19 56

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 3258 to 3340 No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-5/8	24#			1190					Water ShutOff
5-1/2	15#			3257					Prod. String

MUDDING AND CEMENTING RECORD

Size casing	Wheeler set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	1190	350 sx cement (4# Jel & 1/4# FlowSeal per sx) & 100 sx Neat (Halliburton)			
5-1/2	3257	150 sx (Halliburton)			

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
TREATED with 10,000 gallons Sand Oil, plus 10,000# Sand - increased production from show of oil to 20 BOPH						

TOOLS USED

Rotary tools were used from 0 feet to TD feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____ 19 _____ Put to producing March 5, 19 56

The production for the first 24 hours was 494 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

H. H. Collins, Driller H. C. Cooper, Driller
F. L. Braswell, Driller W. F. Botkins, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	100	100	Surfact Rock & Red Beds
100	323	223	Red Beds
323	787	464	Red Rock
787	902	115	Red Beds
902	984	82	Anhydrite & Gyp
984	1010	26	Salt
1010	1190	180	Salt & Anhydrite
1190	1211	21	Anhydrite
1211	1545	334	Anhydrite & Salt
1545	1950	405	Salt
1950	2237	287	Anhydrite & Salt
2237	2326	89	Anhydrite
2326	2707	381	Anhydrite & Gyp
2707	2777	70	Anhydrite, Gyp & Lime
2777	2849	72	Anhydrite & Lime
2849	2913	64	Lime & Shale
2913	2987	74	Lime
2987	3028	41	Lime & Anhydrite
3028	3340 (TD)	312	Lime
T/A	888		
T/Y	2418		
T/Q	3075		
T/Penrose	3094		

FROM-	TO-	TOTAL FEET	FORMATION

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