

Form 9-500

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 062384

LEASE OR PERMIT TO PROSPECT LEASE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Leonard Oil Company Address Roswell, New Mexico
Lessor or Tract Leonard Field Leonard State New Mexico
Well No. 3-3 Sec. 11 T. 26S R. 37E Meridian N.M.P.M. County Lea
Location 1650 ft. (N.) of S. Line and 1650 ft. (E.) of W. Line of Sec. 11 Elevation 2994 L&S
(Check box relative to sea level)

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 Emmanuel A. HobbsDate February 7, 1950 Title Vice-President

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

Commenced drilling November 22, 1949 Finished drilling January 14, 1950
Drilling suspended temporarilyOIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 3246 to 3255 (G) No. 4, from _____ to _____
No. 2, from 3395 to 3402 (G) No. 5, from _____ to _____
No. 3, from 3410 to 3423 (G) No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 325 to 335 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 steel	Cased and pulled from	Perforated		Purpose
							From—	To—	
10-3/4"	279	100	sax		Circulated				
7"	334	450	sax		Halliburton				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	279'	100	sax	Circulated	
7"	334'	450	sax	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
		N				
		O				
		N				

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from -0- feet to 3517 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____ % 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

Johnson _____, Driller C. R. Hobbs _____, Driller
Chapman _____, Driller Spencer _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	110	110	Sand
110	125	15	Red Bed
125	190	65	Sand
190	225	35	Red Shale
225	245	20	Sand
245	275	30	Red Shale
275	325	50	Red Bed
325	335	10	Sand (100% FM)
335	335	0	Sand & Red Bed
335	335	0	Sand & Red Rock
335	335	0	Red Rock & Gypsum
335	335	0	Red Rock
335	335	0	Red Rock
335	335	0	Anhydrite
335	335	0	Broken Anhydrite
335	335	0	Anhydrite
335	335	0	Red Bed
335	335	0	Gypsum & Anhydrite
335	335	0	Anhydrite & Salt
335	335	0	Red Rock & Salt
335	335	0	Salt
335	335	0	Anhydrite
335	335	0	Salt
335	335	0	Salt & Anhydrite
335	335	0	Anhydrite & Potash

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
1545	1575	30	Salt & Red Rock
1575	1715	140	Salt
1715	1730	15	Anhydrite
1730	1815	85	Anhydrite & Salt
1815	2080	265	Salt
2080	2105	25	Lime
2105	2230	125	Salt
2230	2275	45	Salt & Anhydrite
2275	2290	15	Anhydrite
2290	2335	45	Anhydrite & Salt
2335	2470	135	Salt
2470	2495	25	Anhydrite
2495	2525	30	Anhydrite & Lime
2525	2605	80	Anhydrite & Lime
2605	2620	15	Lime
2620	2715	95	Broken Anhydrite
2715	2895	180	Anhydrite
2895	3348	453	Lime
3348	3355	7	Lime - Sh/gas
3355	3395	40	Lime
3395	3402	7	Sandy Lime - Sh/gas
3402	3406	4	Hard Lime
3406	3422	16	Soft Sandy Lime - Sh/Gil (JLM 3422 = 3426)
3422	3431	9	Sandy Lime
3431	3452	21	Lime & Sand
3452	3472	20	Lime
3472	3492	20	Broken Lime
3492	3517	25	Sand

FINISHED LOG

10-3/4"	279'	100	sax	Circulated	
7"	334'	450	sax	Halliburton	

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or balling.

Total Depth 3517' (JLM). Well making 3000' and 75' salt slightly sulphur water per hr; 7" casing cemented w/450 sacks at 3342'. Cement plug from 3517' (TD) to 3335', mud from 3335' to surface. Work done by Halliburton. Wellhead fitted with 1000 psi and 2" gate valve. Drilling suspended.

FORM TION ELL-0101

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