

U. S. LAND OFFICE New Mexico
SERIAL NUMBER 0610
LEASE OR PERMIT TO PROSPECTUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Leonard Oil Company Address Box 708 - Roswell, New Mexico
Lessor or Tract Federal Hagarly Field W Henshaw Grayburg State New Mexico
Well No. 7 Sec. 7 T. 16S R. 30E Meridian N.M.P.M. County Eddy
Location 1650 ft. N. of S Line and 1650 ft. W. of E Line of Section Elevation 3557
(Derrick floor 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 Fowler Hip

Date May 4, 1959 Title General Manager

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

Commenced drilling 3-25, 1959 Finished drilling 4-20, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2669 to 2680 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 1920 to 1950 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—	
10 3/4	32.00	8	Rephalie	446	Tex. Pattern				Surface
8 5/8	24.00	8	Rephalie	1979					Production
5 1/2	12.00	8	Rephalie	2659					Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	446	0			Set
8 5/8	1979	0			Set & Pulled
5 1/2	2659	200	Plug		

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 w/ 32,046 gals oil & 97,000 # sand						

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 2701 feet, and from _____ feet to _____ feet

DATES

Put to producing May 1, 1959
The production for the first 24 hours was 50 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % 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

Chapman, Driller C.E. Brookover, Driller
C. Jordan, Driller K.R. Swenberg, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	30	30	Caliche
30	40	10	Red Bed
40	105	65	Red Sand
105	165	60	Sandy
165	250	85	Red Shale & Sand
250	360	110	Red Shale
360	370	10	Sand
370	390	20	Gyp & sand
390	403	13	Anhy
403	410	7	Sand
410	412	2	Red Bed
412	420	8	Sand
420	430	10	Gyp
430	440	10	Anhy
440	446	6	Red Bed
446	450	4	Anhy
450	460	10	Red Bed
460	485	25	Gyp & sand
485	540	55	Red bed
540	819	279	Salt
819	896	17	Polyhalite
896	990	154	Salt
990	995	5	Anhy
995	1045	50	Anhy & Shale breaks
1045	1105	60	Anhy
1105	1110	5	Salt

LOTT LINE (OVER)

10-43094-3

