

U. S. LAND OFFICE L. C.
SERIAL NUMBER 058180
LEASE OR PERMIT TO PROSPECT Leonard

UNITED STATES
DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Sanders Brothers Address Box 746, Artesia, N. M.
Lessor or Tract Leonard Field High Lonesome State New Mexico
Well No. 1-E Sec. 33 T. 16S R. 30E Meridian NMPM County Eddy
Location 660 ft. N of S Line and 660 ft. EX of E Line of Sec. 33 Elevation 3727

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.

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Signed Forrest Warren
Date _____ Title Bookkeeper

Date _____ Title BOOKSHELF

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

Commenced drilling February 9, 1942 Finished drilling March 28, 1942

OIL OR GAS SANDS OR ZONES

(Denote age by $\mathcal{M}$)

(Denote year by 5)

No. 1, from 2519 to 2532	No. 4, from _____ to _____
No. 2, from 2902 to 2907	No. 5, from _____ to _____
No. 3, from 2941 to 2950	No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 405 to _____ No. 3, from _____ to _____
No. 2, from 2210 to 2215 No. 4, from _____ to _____

CASING RECORD

CASTING RECORD									
Size casting	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
5/8"	11 lb. 10 oz.	11	Union	193'	11	11	11	11	11
1 1/2"	11 lb. 10 oz.	11	Union	193'	11	11	11	11	11
2"	11 lb. 10 oz.	11	Union	193'	11	11	11	11	11
7" was pulled when 9 1/2' set									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5/8"	493'	50			
1 1/2"	2259'				100 sacks
1 1/2"	2816'	100			

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.

DATES

Put to producing April 1, 19 42

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

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller

_____, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	160	160	Red Rock
160	305	145	Red Sand
305	340	35	Red Rock
340	395	55	Anhydrite
395	405	10	Lime
405	430	25	Red Water Sand
430	445	15	Red Shale
445	493	48	Red Rock
493	1015	522	Salt
1015	1025	10	Potash
1025	1100	55	Salt
1100	1195	15	Anhydrite
1195	1235	40	Anhydrite & Red Shale
1235	1275	40	Anhydrite & Salt
1275	1400	125	Anhydrite
1400	1410	10	" & Red Rock
1410	1430	20	" & Red Shale
1430	1460	30	"
1460	1505	45	" & Red Breaks
1505	1540	35	" & Red Shale
1540	1575	35	"
1575	1610	35	" & Red Breaks
1610	1640	30	" & Red Shale
1640	1770	130	"
1770	1785	15	Anhydrite & Lime
1785	1968		Anhydrite

(OVER)

16-43094-2

FOIA(b)(7) RECORD-COMMENTS

