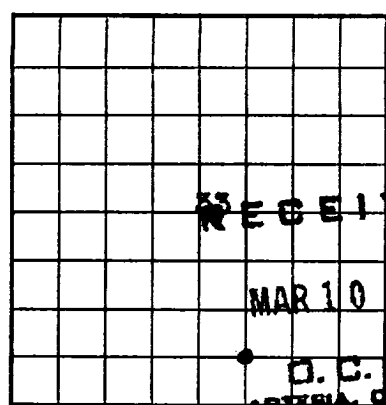


U. S. LAND OFFICE L. C.
SERIAL NUMBER 058180
LEASE OR PERMIT TO PROSPECT Leonard E

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Sanders Brothers Address Box 746, Artesia, New Mexico
Lessor or Tract Leonard Field Square Lake State New Mexico
Well No. B-4 Sec. 33 T. 16S R. 30E Meridian N.P.M. County Eddy
Location 660 ft. {N} of S. Line and 1980 ft. {E} of E. Line of Sec. 33 Elevation 3729
(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 Ernest H. HennenDate June 18, 1942Title Bookkeeper

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

Commenced drilling April 29, 19 42 Finished drilling June 13, 19 42

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2872 to 2877 No. 4, from _____ to _____
No. 2, from 2918 to 2932 No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 2175 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—	
10"				570'					
8"				2225'					
7"				2781'					
(3" casing pulled when 7" casing set)									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10"	570'	50 Sacks			
8"	2225'				
7"	2781'	100 Sacks			

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
	(Do Not Shoot)					

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

_____, 19 _____ Put to producing June 18, 19 42The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ % emulsion, _____ % water, and _____ % sediment. 150 Barrels of Oil in 24 hours - Flowing 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. B. Westcott, Driller C. V. Miller, Driller
Carl Rothrock, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	6	6	Sand
6	65	59	Caliche
65	100	35	Red Sand
100	235	135	Red Sand and Shale
235	285	50	Red Mud
285	292	7	Red Shale
292	461	169	Anhydrite
461	465	4	Water Sand (water at 451')
465	470	5	Anhydrite and Red Bed (Top of salt 572')
470	510	40	Anhydrite and Mud
510	553	43	Red Mud
553	570	17	Anhydrite
570	595	25	Salt and Red Shale
595	605	10	Salt and Red Bed
605	620	15	Pillyalite
620	660	40	Salt and Potash
660	695	35	Anhydrite and Pillyalite
695	955	260	Salt
955	990	35	Pillyalite
990	1125	135	Salt
1125	1340	215	Anhydrite
1340	1375	35	Red Sandy Shale
1375	1385	10	Anhydrite
1385	1420	35	Anhydrite and Red Shale
1420	1475	55	Anhydrite and Red Rock

(OVER)

6-6745

