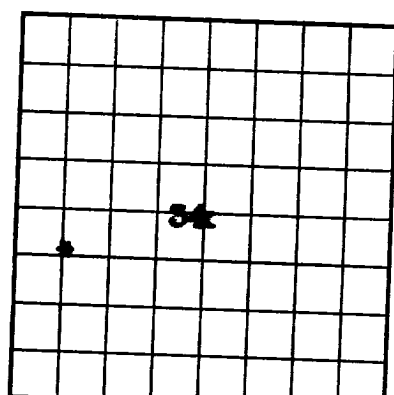


U. S. LAND OFFICE Las Cruces
 SERIAL NUMBER 058179
 LEASE OR PERMIT TO PROSPECT Leonard



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 Harry Leonard Field Wildcat State New Mexico
 Well No. 1 Sec. 34 T. 16S R. 30E Meridian N.M.P.M. County Eddy
 Location 1980 ft. (N.) of S. Line and 660 ft. (E.) of W. Line of Section 34 Elevation (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 Harold WarnerDate November 10, 1941Title Bookkeeper

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

Commenced drilling August 14, 1941 Finished drilling October 22, 1942

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1700 to 1710 No. 4, from _____ to _____
 No. 2, from 2912 to 2917 No. 5, from _____ to _____
 No. 3, from 2949 to 2959 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 335 to 340 No. 3, from _____ to _____
 No. 2, from 2215 to 2245 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	28	10	I.W.	485	Texas				
7	24	10	I.W.	2482	Standard				
5 1/2	22	10	I.W.	2980	Standard				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	485		Halliburton		
7	2382				
5 1/2	2980	100			50 Sacks
					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
3 1/2	N.M. Glycerin	S.N.G.	20 lbs.	10-9-41	2946-2959	
3 1/2			60 lbs.		2959-2980	2980

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
 Cable tools were used from 0 feet to 2980 feet, and from _____ feet to _____ feet

DATES

Put to producing October 15, 1941

The production for the first 24 hours was 90 barrels of fluid of which 99.5% was oil, 0.5% was emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 36

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Carl Rutledge, Driller Glyde Hicks, Driller
G. E. Jordan, Driller

FORMATION RECORD

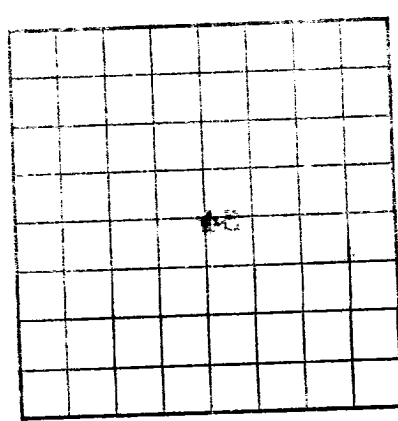
From	To	TOTAL FEET	FORMATION
0	65	65	Red Rock
65	100	100	Red Sand
100	125	125	Red Sand
125	140	140	Red Sand
140	155	155	Red Sand
155	170	170	Anyhydrite
170	185	185	Water
185	190	190	Anyhydrite
190	205	205	No Sample
205	220	220	Anyhydrite
220	235	235	Red Bed
235	250	250	Anyhydrite
250	265	265	Salt (Set 485 Ft. 8 5/8 Casing & Cement)
265	280	280	Anyhydrite
280	295	295	Salt
295	310	310	Anyhydrite
310	325	325	Red Bed
325	340	340	Red Rock
340	355	355	Anyhydrite
355	370	370	Red Shale
370	385	385	Anyhydrite & Broken Red Shale
385	400	400	Red Sand
400	415	415	Anyhydrite & Red Bed
415	430	430	Anyhydrite & Red Sand
430	445	445	Anyhydrite & Red Bed
445	460	460	Anyhydrite

(OVER)

6-6745

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Company _____
Lessor or Tract _____
Well No. _____
Location _____
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.

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

Completed drilling _____
OIL OR GAS SANDS OR ZONES

No. 1, from	No. 2, from	No. 3, from	No. 4, from
1700	2012	2042	2042
to	to	to	to
1710	2012	2042	2042

IMPORTANT WATER SANDS

CASING RECORD

Casing size	Weight	Threads per	Make	Amount	Kind of pipe	Cut and pulled down	Remarks
2 1/2	28	10					

HISTORY OF OIL OR GAS WELL

U. S. GEOLOGICAL SURVEY OFFICE

LOGGING AND CEMENTING RECORD

Total depth 2580

From	To	Total feet	Formation
1870	1895	25	Anyhydrite & Red Bed
1895	1915	20	Anyhydrite (1/2 B. Baller water per hour)
1915	1945	30	Anyhydrite (Oil & Gas at 1700-1710)
1945	1965	20	Anyhydrite
1965	1985	20	Anyhydrite
1985	2005	20	Anyhydrite
2005	2025	20	Anyhydrite
2025	2045	20	Anyhydrite
2045	2065	20	Anyhydrite
2065	2085	20	Anyhydrite
2085	2105	20	Anyhydrite
2105	2125	20	Anyhydrite
2125	2145	20	Anyhydrite
2145	2165	20	Anyhydrite
2165	2185	20	Anyhydrite
2185	2205	20	Anyhydrite
2205	2225	20	Anyhydrite
2225	2245	20	Anyhydrite
2245	2265	20	Anyhydrite
2265	2285	20	Anyhydrite
2285	2305	20	Anyhydrite
2305	2325	20	Anyhydrite
2325	2345	20	Anyhydrite
2345	2365	20	Anyhydrite
2365	2385	20	Anyhydrite
2385	2405	20	Anyhydrite
2405	2425	20	Anyhydrite
2425	2445	20	Anyhydrite
2445	2465	20	Anyhydrite
2465	2485	20	Anyhydrite
2485	2505	20	Anyhydrite
2505	2525	20	Anyhydrite
2525	2545	20	Anyhydrite
2545	2565	20	Anyhydrite
2565	2580	15	Anyhydrite

FORMATION RECORD—Continued