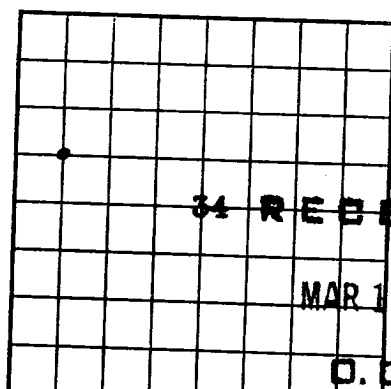


U. S. LAND OFFICE L. C.
SERIAL NUMBER 058179
LEASE OR PERMIT TO PROSPECT Leonard

34 RECEIVED

MAR 10 1977

O. C. C.

ARTESIA, OFFICE

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 High Lonesome State New Mexico
Well No. 6 Sec. 34 T. 163R S. 30E Meridian N.M.P.M. County Eddy
Location 1980 ft. (N. of S.) of Line and 660 ft. (E. of W.) of Line of Section 34, Elevation 3742
(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 Leonard WarnerDate June 5, 1942Title Bookkeeper

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

Commenced drilling April 17, 1942 Finished drilling May 31, 1942

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1685 (Gas show) to 2900 No. 4, from _____ to _____
No. 2, from 2330 to 2900 No. 5, from _____ to _____
No. 3, from 2934 to 2950 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 2227 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—	
8 5/8"				420'					
7"				2275'					
5 1/2"				2800'					
(7" Casing pulled when the 5 1/2" casing was set)									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	420'	50 Sacks			
7"	2275'				
5 1/2"	2800'	100 Sacks			Mud

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 June 1, 1942
First pay produced 35 barrels on a well that in 24 hours was Second %
The production increased from 25 barrels in 24 hours to 75 barrels in 24 hours, flowing.
emulsion, % water, and % sediment.If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

T. R. White, Driller H. J. Whitaker, Driller
L. K. Dunham, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	100	100	Sand and Red Shale
100	135	35	Red Sand and Shale
135	322	187	Red Sandy Shale
322	350	28	Anhydrite (Top Anhydrite 322')
350	460	110	Anhydrite and Red Rock
460	490	30	Red Rock and Anhydrite
490	505	15	Salt (Top of Salt 490')
505	525	20	Salt & Potash
525	575	50	Salt & Red Rock
575	615	40	Salt
615	685	70	Salt & Potash
685	730	45	Salt
730	755	25	Salt & Potash
755	845	90	Salt
845	950	105	Salt & Potash
950	1015	65	Salt
1015	1060	45	Salt, Anhydrite and Ployrite
1060	1165	105	Salt
1165	1175	10	Anhydrite
1175	1635	460	Anhydrite and Red Rock
1635	1960	325	Anhydrite (Gas show at 1635)
1960	2000	40	Anhydrite and Red Rock
2000	2227	227	Anhydrite
2227	2240	13	Red Sand (Top of red sand 2227)
2240	2255	15	Red Sand

(OVER)

6-6745

