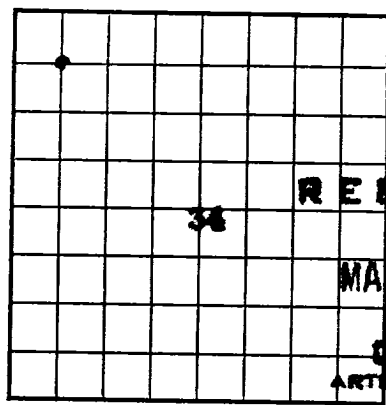


U. S. LAND OFFICE L. G.
SERIAL NUMBER 058170
LEASE OR PERMIT TO PROSPECT Leonard

RECEIVED DEPARTMENT OF THE INTERIOR

MAR 10 1977

GEOLOGICAL SURVEY

O. C. C.

ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

Roswell, New Mexico

Company Sanders Brothers Address Box 743, Artesia, N. M.
Lessor or Tract Leonard Field Square Lake State N. M.
Well No. 8 Sec. 34 T. 16S R. 30E Meridian N. M. County Doña
Location 660 ft. {N} of N Line and 660 ft. {E} of W Line of Sec. 34 Elevation 3745
(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 W. H. HargusDate August 25, 1942 Title Bookkeeper

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

Commenced drilling June 25, 19 42 Finished drilling August 28, 19 42

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2927 to 2947 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 400 to _____ No. 3, from _____ to _____
No. 2, from 2200 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—	
<u>10"</u>	<u>22.8 lb/ft</u>	<u>8</u>	<u>469'</u>	<u>2940'</u>	<u>469'</u>	<u>2940'</u>			
<u>7"</u>	<u>13.5 lb/ft</u>	<u>8</u>	<u>2794'</u>	<u>2940'</u>	<u>2794'</u>	<u>2940'</u>			
<u>(8 5/8" casing was pulled when 7" casing run)</u>									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>10"</u>	<u>469'</u>	<u>50 Sacks</u>			
<u>8 5/8"</u>	<u>2940'</u>		<u>Mud</u>		
<u>7"</u>	<u>2794'</u>	<u>100 Sacks</u>			
<u>(8 5/8" casing pulled when 7" casing run)</u>					

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
<u>5"</u>	<u>3</u>	<u>N.G.</u>	<u>80 Qts.</u>	<u>3/22</u>	<u>2907-2927</u>	
<u>3 1/2"</u>	<u>2</u>	<u>"</u>	<u>40 "</u>	<u>"</u>	<u>2927-2947</u>	
<u>8"</u>	<u>3</u>	<u>"</u>	<u>50 "</u>	<u>"</u>	<u>2947-2967</u>	

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from 0 feet to 2967 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing September 1, 19 42

The production for the first 24 hours was _____ barrels of oil and _____ barrels of gas. It was impossible to estimate the amount of oil because of so much gas which was estimated at 15 to 25 million feet of gas. That it picked up the oil and brought it out in a fine spray. After shooting the well made 50 barrels of oil in 24 hours through open 2" tubing swung at 2920

EMPLOYEES

W. H. Hargus, Driller Fred R. Whitaker
J. E. Best, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	30	30	Red Sand
30	50	20	Red Sandy Shale
50	75	25	Sandy Shale
75	240	165	Red Sandy Shale
240	400	160	Anhydrite
400	405	5	Water Show
405	415	10	Anhydrite
415	420	5	Water
420	450	30	Red shale
450	460	10	Anhydrite
460	460	0	Red shale
460	500	31	Salt
500	550	50	Salt & Anhydrite
550	650	100	Salt
650	600	40	Salt, Anhydrite and Potash
690	745	55	Salt
745	790	45	Salt & Anhydrite
790	1015	225	Salt
1015	1080	65	Salt & Anhydrite
1080	1155	75	Salt
1155	1330	175	Anhydrite
1330	1420	90	Anhydrite and Red Shale
1420	1450	30	Anhydrite
1450	1490	40	Anhydrite and Shale
1490	1555	65	Anhydrite

(OVER)

6-6745

FORMATION RECORD—CONTINUED

