

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

SUPPLEMENT
DEEPENING WELL

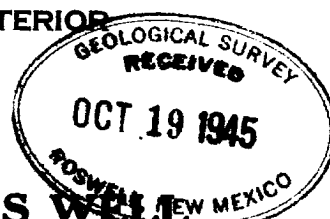
UNITED STATES

DESCRIPTION OF THE INTERVIEW

GEOLOGICAL SURVEY

MAR 10 1977

U.S. GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

Company **Sanders Brothers** Address **Box 398, Artesia, New Mexico**
 Lessor or Tract **Harry Leonard** Field **Square Lake** State **New Mexico**
 Well No. **1** Sec. **34** T. **18S** R. **30E** Meridian **N. M. P. M.** County **Eddy**
 Location **1980 ft. {N. of S. Line and 660 ft. {E. of W. Line of Sec. 34** Elevation **3742**

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 October 17, 1945 Title Bookkeeper

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

Commenced drilling September 17, 1948 Finished drilling September 20, 1948

OIL OR GAS SANDS OR ZONES

(Denote $g_{\alpha\beta}$ by G)

No. 1, from _____ to _____ No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from 3085 to 3110 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1. from _____ to _____ No. 3. from _____ to _____

No. 2. from _____ to _____ No. 4. from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

[illegible]

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
4"		N.O.	70	9-23-45	3085-3085	
3"		N.O.	15	"	3085-3085	
4"		N.O.	40	"	3085-3110	3110

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.

511 DATES

Put to producing _____ 19__

The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil: _____ %

emulsion; ----- % water; and ----- % sediment. Gravity. °Bé. -----

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

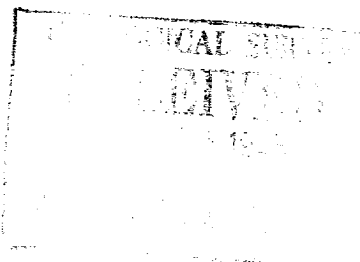
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

-----W. C. Parish-----, Driller -----Frank Dunn-----, Driller

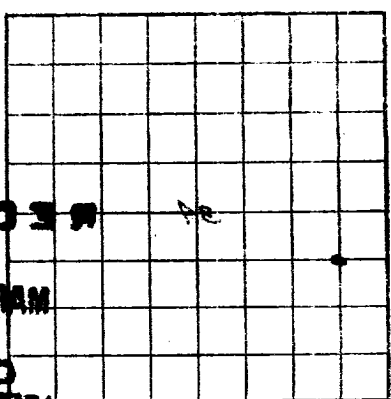
 _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
2 980	3033	53	Pink Lime
3033	3085	52	Gray Lime
3085	3110	25	Sandy Lime (Oil & Gas Show)
			Total Depth 3110
			
FROM—	TO—	LOOSE FEET	REMARKS

EVOLUTION RECORD—Continued

18-48094-1

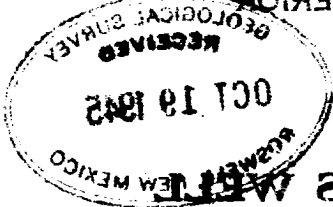


MAR 10 1947

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES



Company _____
Lessor or Trust _____
Well No. _____
Location _____ of _____
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 _____
Title _____
Date _____

OIL OR GAS SANDS OR ZONES

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____
No. 4 from _____ to _____
No. 5 from _____ to _____
No. 6 from _____ to _____
No. 7 from _____ to _____
No. 8 from _____ to _____
No. 9 from _____ to _____
No. 10 from _____ to _____

CASING RECORD

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

Weight of cement _____
Weight of water _____
Weight of sand _____
Weight of gravel _____
Weight of other material _____
Weight of cement _____
Weight of water _____
Weight of sand _____
Weight of gravel _____
Weight of other material _____

SHOOTING RECORD

Size _____
Weight _____
Weight of shot _____
Weight of powder _____
Weight of other material _____
Weight of shot _____
Weight of powder _____
Weight of other material _____
Weight of shot _____
Weight of powder _____
Weight of other material _____

TOOLS USED

Rotary tools were used from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet

DATES

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil, _____% was water, and _____% was gas.
If gas well, cut ft. per 24 hours _____
Rock pressure, lbs. per sq. in. _____
Gravity, °Ré. _____
Put to producing _____
19____

EMPLOYEES

Driller _____
Driller _____
Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	25.5	25.5	Gravelly sand
25.5	30.5	56.0	Gravelly sand
30.5	31.1	87.1	Gravelly sand
31.1	31.1	87.1	Gravelly sand
31.1	31.1	87.1	Gravelly sand
31.1	31.1	87.1	Gravelly sand
31.1	31.1	87.1	Gravelly sand
31.1	31.1	87.1	Gravelly sand
31.1	31.1	87.1	Gravelly sand
31.1	31.1	87.1	Gravelly sand

FORMATION RECORD—Continued