

SUPPLEMENT
DEEPENING WELL

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BIOLOGICAL SURVEY
 RECEIVED
 OCT 19 1945
 ROSWELL, NEW MEXICO

[illegible]

MAR 16 1977

LOG OF OIL OR GAS WELL

LOCATE WELL COR. ~~SECTION 10, T2N, R2E~~

Company Sanders Brothers Address Box 308, Artesia, New Mexico
 Lessor or Tract Leonard Field Square Lake State New Mexico
 Well No. 8 Sec. 34 T. 16S R. 30E Meridian N. M. P. M. County Eddy
 Location 160 ft. {N.} of N Line and 660 ft. {E.} of N Line of Sec. 34 Elevation 5745

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 Kenneth W. Kerner

Date October 17, 1945

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

Commenced drilling ----- September 20 1945 Finished drilling ----- October 9 ----- 1945

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from _____ to _____ No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from **3050** to **3075** 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

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" 4.7		N.O.	115	10-9-45	3040-3085	3085

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 2967 feet to 5090 feet, and from _____ feet to _____ feet

DATES

-----, 19----- Put to producing ~~October 1~~-----, 19-----

The production for the first 24 hours was 70 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

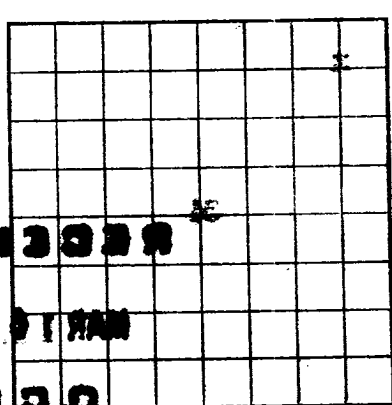
----- **E. H. Britton** -----, Driller -----, Driller
----- **C. L. Blount** -----, Driller -----, Driller

FORMATION RECORD

FORMATION RECORD			
FROM—	TO—	TOTAL FEET	FORMATION
2967	2970	3	Lime
2970	2987	17	White Lime
2987	3050	63	Gray Lime
3050	3075	25	Sandy Lime (Oil & Gas Show)
3075	3090	15	Gray Lime
		Total Depth 3090	

FORMATION RECORD—Continued

16-49094-1



LOCATE WELL CORRELATION CHART

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR



UNITED STATES

PLEASE OR PERMIT TO PROSPECT

SERIAL NUMBER

U.S. LAND OFFICE

Approved by Special Agent in Charge

Form 9-320

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 _____
Signed _____
Title _____

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

Commenced drilling _____
Finished drilling _____

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 _____

IMPORTANT WATER SANDS

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 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	Tested	Purpose
							From _____ To _____	

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 the size and location. If the well has been dynamited, give date, size, 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

U. S. GOVERNMENT PRINTING OFFICE: 1940-4-1

MUDDING AND CEMENTING RECORD

Size casing	Wire used	Number sacks of cement	Method used	Mud gravity	Amount of mud used

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

The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % sediment.
It gas well, cu. ft. per 24 hours _____
Rock pressure, lbs. per sq. in. _____
Gallons gasoline per 1,000 cu. ft. of gas _____
Gravity, sp. gr. _____
Put to producing _____, 19____

EMPLOYEES

Driller _____
Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
3075	3070	5	CLAY
3070	3065	5	CLAY
3065	3060	5	CLAY
3060	3055	5	CLAY
3055	3050	5	CLAY
3050	3045	5	CLAY
3045	3040	5	CLAY
3040	3035	5	CLAY
3035	3030	5	CLAY
3030	3025	5	CLAY
3025	3020	5	CLAY
3020	3015	5	CLAY
3015	3010	5	CLAY
3010	3005	5	CLAY
3005	3000	5	CLAY
3000	2995	5	CLAY
2995	2990	5	CLAY
2990	2985	5	CLAY
2985	2980	5	CLAY
2980	2975	5	CLAY
2975	2970	5	CLAY
2970	2965	5	CLAY
2965	2960	5	CLAY
2960	2955	5	CLAY
2955	2950	5	CLAY
2950	2945	5	CLAY
2945	2940	5	CLAY
2940	2935	5	CLAY
2935	2930	5	CLAY
2930	2925	5	CLAY
2925	2920	5	CLAY
2920	2915	5	CLAY
2915	2910	5	CLAY
2910	2905	5	CLAY
2905	2900	5	CLAY
2900	2895	5	CLAY
2895	2890	5	CLAY
2890	2885	5	CLAY
2885	2880	5	CLAY
2880	2875	5	CLAY
2875	2870	5	CLAY
2870	2865	5	CLAY
2865	2860	5	CLAY
2860	2855	5	CLAY
2855	2850	5	CLAY
2850	2845	5	CLAY
2845	2840	5	CLAY
2840	2835	5	CLAY
2835	2830	5	CLAY
2830	2825	5	CLAY
2825	2820	5	CLAY
2820	2815	5	CLAY
2815	2810	5	CLAY
2810	2805	5	CLAY
2805	2800	5	CLAY
2800	2795	5	CLAY
2795	2790	5	CLAY
2790	2785	5	CLAY
2785	2780	5	CLAY
2780	2775	5	CLAY
2775	2770	5	CLAY
2770	2765	5	CLAY
2765	2760	5	CLAY
2760	2755	5	CLAY
2755	2750	5	CLAY
2750	2745	5	CLAY
2745	2740	5	CLAY
2740	2735	5	CLAY
2735	2730	5	CLAY
2730	2725	5	CLAY
2725	2720	5	CLAY
2720	2715	5	CLAY
2715	2710	5	CLAY
2710	2705	5	CLAY
2705	2700	5	CLAY
2700	2695	5	CLAY
2695	2690	5	CLAY
2690	2685	5	CLAY
2685	2680	5	CLAY
2680	2675	5	CLAY
2675	2670	5	CLAY
2670	2665	5	CLAY
2665	2660	5	CLAY
2660	2655	5	CLAY
2655	2650	5	CLAY
2650	2645	5	CLAY
2645	2640	5	CLAY
2640	2635	5	CLAY
2635	2630	5	CLAY
2630	2625	5	CLAY
2625	2620	5	CLAY
2620	2615	5	CLAY
2615	2610	5	CLAY
2610	2605	5	CLAY
2605	2600	5	CLAY
2600	2595	5	CLAY
2595	2590	5	CLAY
2590	2585	5	CLAY
2585	2580	5	CLAY
2580	2575	5	CLAY
2575	2570	5	CLAY
2570	2565	5	CLAY
2565	2560	5	CLAY
2560	2555	5	CLAY
2555	2550	5	CLAY
2550	2545	5	CLAY
2545	2540	5	CLAY
2540	2535	5	CLAY
2535	2530	5	CLAY
2530	2525	5	CLAY
2525	2520	5	CLAY
2520	2515	5	CLAY
2515	2510	5	CLAY
2510	2505	5	CLAY
2505	2500	5	CLAY
2500	2495	5	CLAY
2495	2490	5	CLAY
2490	2485	5	CLAY
2485	2480	5	CLAY
2480	2475	5	CLAY
2475	2470	5	CLAY
2470	2465	5	CLAY
2465	2460	5	CLAY
2460	2455	5	CLAY
2455	2450	5	CLAY
2450	2445	5	CLAY
2445	2440	5	CLAY
2440	2435	5	CLAY
2435	2430	5	CLAY
2430	2425	5	CLAY
2425	2420	5	CLAY
2420	2415	5	CLAY
2415	2410	5	CLAY
2410	2405	5	CLAY
2405	2400	5	CLAY
2400	2395	5	CLAY
2395	2390	5	CLAY
2390	2385	5	CLAY
2385	2380	5	CLAY
2380	2375	5	CLAY
2375	2370	5	CLAY
2370	2365	5	CLAY
2365	2360	5	CLAY
2360	2355	5	CLAY
2355	2350	5	CLAY
2350	2345	5	CLAY
2345	2340	5	CLAY
2340	2335	5	CLAY
2335	2330	5	CLAY
2330	2325	5	CLAY
2325	2320	5	CLAY
2320	2315	5	CLAY
2315	2310	5	CLAY
2310	2305	5	CLAY
2305	2300	5	CLAY
2300	2295	5	CLAY
2295	2290	5	CLAY
2290	2285	5	CLAY
2285	2280	5	CLAY
2280	2275	5	CLAY
2275	2270	5	CLAY
2270	2265	5	CLAY
2265	2260	5	CLAY
2260	2255	5	CLAY
2255	2250	5	CLAY
2250	2245	5	CLAY
2245	2240	5	CLAY
2240	2235	5	CLAY
2235	2230	5	CLAY
2230	2225	5	CLAY
2225	2220	5	CLAY
2220	2215	5	CLAY
2215	2210	5	CLAY
2210	2205	5	CLAY
2205	2200	5	CLAY
2200	2195	5	CLAY
2195	2190	5	CLAY
2190	2185	5	CLAY
2185	2180	5	CLAY
2180	2175	5	CLAY
2175	2170	5	CLAY
2170	2165	5	CLAY
2165	2160	5	CLAY
2160	2155	5	CLAY
2155	2150	5	CLAY
2150	2145	5	CLAY
2145	2140	5	CLAY
2140	2135	5	CLAY
2135	2130	5	CLAY
2130	2125	5	CLAY
2125	2120	5	CLAY
2120	2115	5	CLAY
2115	2110	5	CLAY
2110	2105	5	CLAY
2105	2100	5	CLAY
2100	2095	5	CLAY
2095	2090	5	CLAY
2090	2085	5	CLAY
2085	2080	5	CLAY
2080	2075	5	CLAY
2075	2070	5	CLAY
2070	2065	5	CLAY
2065	2060	5	CLAY
2060	2055	5	CLAY
2055	2050	5	CLAY
2050	2045	5	CLAY
2045	2040	5	CLAY
2040	2035	5	CLAY
2035	2030	5	CLAY
2030	2025	5	CLAY
2025	2020	5	CLAY
2020	2015	5	CLAY
2015	2010	5	CLAY
2010	2005	5	CLAY
2005	2000	5	CLAY
2000	1995	5	CLAY
1995	1990	5	CLAY
1990	1985	5	CLAY
1985	1980	5	CLAY
1980	1975	5	CLAY
1975	1970	5	CLAY
1970	1965	5	CLAY
1965	1960	5	CLAY
1960	1955	5	CLAY
1955	1950	5	CLAY
1950	1945	5	CLAY
1945	1940	5	CLAY
1940	1935	5	CLAY
1935	1930	5	CLAY
1930	1925	5	CLAY
1925	1920	5	CLAY
1920	1915	5	CLAY
1915	1910	5	CLAY
1910	1905	5	CLAY
1905	1900	5	CLAY
1900	1895	5	CLAY
1895	1890	5	CLAY
1890	1885	5	CLAY
1885	1880	5	CLAY
1880	1875	5	CLAY
1875	1870	5	CLAY
1870	1865	5	CLAY
1865	1860	5	CLAY
1860	1855	5	CLAY
1855	1850	5	CLAY
1850	1845	5	CLAY
1845	1840	5	CLAY
1840	1835	5	CLAY
1835	1830	5	CLAY
1830	1825	5	CLAY
1825	1820	5	CLAY
1820	1815	5	CLAY
1815	1810	5	CLAY
1810	1805	5	CLAY
1805	1800	5	CLAY
1800	1795	5	CLAY
1795	1790	5	CLAY
1790	1785	5	CLAY
1785	1780	5	CLAY
1780	1775	5	CLAY
1775	1770	5	CLAY
1770	1765	5	CLAY
1765	1760	5	CLAY
1760	1755	5	CLAY
1755	1750	5	CLAY
1750	1745	5	CLAY
1745	1740	5	CLAY
1740	1735	5	CLAY
1735	1730	5	CLAY
1730	1725	5	CLAY
1725	1720	5	CLAY
1720	1715	5	CLAY
1715	1710	5	CLAY
1710	1705	5	CLAY
1705	1700	5	CLAY
1700	1695	5	CLAY
1695	1690	5	CLAY
1690	1685	5	CLAY
1685	1680	5	CLAY
1680	1675	5	CLAY
1675	1670	5	CLAY
1670	1665	5	CLAY
1665	1660	5	CLAY
1660	1655	5	CLAY
1655	1650	5	CLAY
1650	1645	5	CLAY
1645	1640	5	CLAY
1640	1635	5	CLAY
1635	1630	5	CLAY
1630	1625	5	CLAY
1625	1620	5	CLAY
1620	1615	5	CLAY
1615	1610	5	CLAY
1610	1605	5	CLAY
1605	1600	5	CLAY
1600	1595	5	CLAY
1595	1590	5	CLAY
1590	1585	5	CLAY
1585	1580	5	CLAY
1580	1575	5	CLAY
1575	1570	5	CLAY
1570	1565	5	CLAY
1565	1560	5	CLAY
1560	1555	5	CLAY
1555	1550	5	CLAY
1550	1545	5	CLAY
1545	1540	5	CLAY
1540	1535	5	CLAY
1535	1530	5	CLAY
1530	1525	5	CLAY
1525	1520	5	CLAY
1520	1515	5	CLAY
1515	1510	5	CLAY
1510	1505	5	CLAY
1505	1500	5	CLAY
1500	1495	5	CLAY
1495	1490	5	CLAY
1490	1485	5	CLAY
1485	1480	5	CLAY
1480	1475	5	CLAY
1475	1470	5	CLAY
1470	1465	5	CLAY
1465	1460	5	CLAY
1460	1455	5	CLAY
1455	1450	5	CLAY
1450	1445	5	CLAY
1445	1440	5	CLAY
1440	1435	5	CLAY
1435	1430	5	CLAY
1430	1425	5	CLAY
1425	1420	5	CLAY
1420	1415	5	CLAY
1415	1410	5	CLAY
1410	1405	5	CLAY
1405	1400	5	CLAY
1400	1395	5	CLAY
1395	1390	5	CLAY
1390	1385	5	CLAY
1385	1380	5	CLAY
1380	1375	5	CLAY
1375	1370	5	CLAY
1370	1365	5	CLAY
1365	1360	5	CLAY
1360	1355	5	CLAY
1355	1350	5	CLAY
1350	1345	5	CLAY
1345	1340	5	CLAY
1340	1335	5	CLAY
1335	1330	5	CLAY
1330	1325	5	CLAY
1325	1320	5	CLAY
1320	1315	5	CLAY
1315	1310	5	CLAY