

U. S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Royal Development Co. Address Box 1339, Houston, Texas.
 Lessor or Tract Smith Field Willcox State Nebraska
 Well No. 1 Sec. 35 T. 30N R. 13E Meridian 6N-1-E County Lincoln
 Location 200 ft. N. of 1 Line and 200 ft. E. of 1 Line of Sec. 32 Elevation 5274.95
 (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 _____

Date 10/31/57 Title Engineer - 147.

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

Commenced drilling July 15, 1957 Finished drilling July 15, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6162 to 6225 1
No. 2, from 6131 to 6139 1
No. 3, from to
No. 4, from
No. 5, from
No. 6, from

IMPORTANT WATER SANDS

No. 1, from none to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

U.S. DIST. CT. S.D. N.Y. 1987

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
none						

TOOLS USED

Rotary tools were used from 200 feet to 40 feet, and from _____ feet to _____ feet

Cable tools were used from surface feet to 150 feet, and from _____ feet to _____ feet

DATES

9-1, 1957 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 5227 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1608 SICP

EMPLOYEES

James Willingdo. _____, Driller
Farmington, N. H. _____, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
	1410	100	Coal in abundance; surface of 10' to 15'
100	1275	1175	Clinton sh; sand, shale
1275	1185	175	Clinton sh; sand, shale
145	1190	180	Clinton sh; sand, shale, streaks coal
225	1200	185	Clinton sh; sand, shale, streaks coal
300	1210	210	Clinton sh; sand, shale
420	1220	220	Clinton sh; sand, shale, coal
450	1230	230	Clinton sh; sand, shale, streaks coal
512	1240	242	Clinton sh; sand, shale, streaks coal
512	1250	250	Clinton sh; sand, shale, streaks coal
555	1260	265	Clinton sh; sand, shale, streaks coal
600	1270	270	Clinton sh; sand, shale, streaks coal
5710	1280	280	Clinton sh; sand, shale, streaks coal
5710	1290	290	Clinton sh; sand, shale, streaks coal
5710	1300	300	Clinton sh; sand, shale, streaks coal
5710	1310	310	Clinton sh; sand, shale, streaks coal
5710	1320	320	Clinton sh; sand, shale, streaks coal
5710	1330	330	Clinton sh; sand, shale, streaks coal
5710	1340	340	Clinton sh; sand, shale, streaks coal
5710	1350	350	Clinton sh; sand, shale, streaks coal
5710	1360	360	Clinton sh; sand, shale, streaks coal
5710	1370	370	Clinton sh; sand, shale, streaks coal
5710	1380	380	Clinton sh; sand, shale, streaks coal
5710	1390	390	Clinton sh; sand, shale, streaks coal
5710	1400	400	Clinton sh; sand, shale, streaks coal
5710	1410	410	Clinton sh; sand, shale, streaks coal
5710	1420	420	Clinton sh; sand, shale, streaks coal
5710	1430	430	Clinton sh; sand, shale, streaks coal
5710	1440	440	Clinton sh; sand, shale, streaks coal
5710	1450	450	Clinton sh; sand, shale, streaks coal
5710	1460	460	Clinton sh; sand, shale, streaks coal
5710	1470	470	Clinton sh; sand, shale, streaks coal
5710	1480	480	Clinton sh; sand, shale, streaks coal
5710	1490	490	Clinton sh; sand, shale, streaks coal
5710	1500	500	Clinton sh; sand, shale, streaks coal
5710	1510	510	Clinton sh; sand, shale, streaks coal
5710	1520	520	Clinton sh; sand, shale, streaks coal
5710	1530	530	Clinton sh; sand, shale, streaks coal
5710	1540	540	Clinton sh; sand, shale, streaks coal
5710	1550	550	Clinton sh; sand, shale, streaks coal
5710	1560	560	Clinton sh; sand, shale, streaks coal
5710	1570	570	Clinton sh; sand, shale, streaks coal
5710	1580	580	Clinton sh; sand, shale, streaks coal
5710	1590	590	Clinton sh; sand, shale, streaks coal
5710	1600	600	Clinton sh; sand, shale, streaks coal
5710	1610	610	Clinton sh; sand, shale, streaks coal
5710	1620	620	Clinton sh; sand, shale, streaks coal
5710	1630	630	Clinton sh; sand, shale, streaks coal
5710	1640	640	Clinton sh; sand, shale, streaks coal
5710	1650	650	Clinton sh; sand, shale, streaks coal
5710	1660	660	Clinton sh; sand, shale, streaks coal
5710	1670	670	Clinton sh; sand, shale, streaks coal
5710	1680	680	Clinton sh; sand, shale, streaks coal
5710	1690	690	Clinton sh; sand, shale, streaks coal
5710	1700	700	Clinton sh; sand, shale, streaks coal
5710	1710	710	Clinton sh; sand, shale, streaks coal
5710	1720	720	Clinton sh; sand, shale, streaks coal
5710	1730	730	Clinton sh; sand, shale, streaks coal
5710	1740	740	Clinton sh; sand, shale, streaks coal
5710	1750	750	Clinton sh; sand, shale, streaks coal
5710	1760	760	Clinton sh; sand, shale, streaks coal
5710	1770	770	Clinton sh; sand, shale, streaks coal
5710	1780	780	Clinton sh; sand, shale, streaks coal
5710	1790	790	Clinton sh; sand, shale, streaks coal
5710	1800	800	Clinton sh; sand, shale, streaks coal
5710	1810	810	Clinton sh; sand, shale, streaks coal
5710	1820	820	Clinton sh; sand, shale, streaks coal
5710	1830	830	Clinton sh; sand, shale, streaks coal
5710	1840	840	Clinton sh; sand, shale, streaks coal
5710	1850	850	Clinton sh; sand, shale, streaks coal
5710	1860	860	Clinton sh; sand, shale, streaks coal
5710	1870	870	Clinton sh; sand, shale, streaks coal
5710	1880	880	Clinton sh; sand, shale, streaks coal
5710	1890	890	Clinton sh; sand, shale, streaks coal
5710	1900	900	Clinton sh; sand, shale, streaks coal
5710	1910	910	Clinton sh; sand, shale, streaks coal
5710	1920	920	Clinton sh; sand, shale, streaks coal
5710	1930	930	Clinton sh; sand, shale, streaks coal
5710	1940	940	Clinton sh; sand, shale, streaks coal
5710	1950	950	Clinton sh; sand, shale, streaks coal
5710	1960	960	Clinton sh; sand, shale, streaks coal
5710	1970	970	Clinton sh; sand, shale, streaks coal
5710	1980	980	Clinton sh; sand, shale, streaks coal
5710	1990	990	Clinton sh; sand, shale, streaks coal
5710	2000	1000	Clinton sh; sand, shale, streaks coal
5710	2010	1010	Clinton sh; sand, shale, streaks coal
5710	2020	1020	Clinton sh; sand, shale, streaks coal
5710	2030	1030	Clinton sh; sand, shale, streaks coal
5710	2040	1040	Clinton sh; sand, shale, streaks coal
5710	2050	1050	Clinton sh; sand, shale, streaks coal
5710	2060	1060	Clinton sh; sand, shale, streaks coal
5710	2070	1070	Clinton sh; sand, shale, streaks coal
5710	2080	1080	Clinton sh; sand, shale, streaks coal
5710	2090	1090	Clinton sh; sand, shale, streaks coal
5710	2100	1100	Clinton sh; sand, shale, streaks coal
5710	2110	1110	Clinton sh; sand, shale, streaks coal
5710	2120	1120	Clinton sh; sand, shale, streaks coal
5710	2130	1130	Clinton sh; sand, shale, streaks coal
5710	2140	1140	Clinton sh; sand, shale, streaks coal
5710	2150	1150	Clinton sh; sand, shale, streaks coal
5710	2160	1160	Clinton sh; sand, shale, streaks coal
5710	2170	1170	Clinton sh; sand, shale, streaks coal
5710	2180	1180	Clinton sh; sand, shale, streaks coal
5710	2190	1190	Clinton sh; sand, shale, streaks coal
5710	2200	1200	Clinton sh; sand, shale, streaks coal
5710	2210	1210	Clinton sh; sand, shale, streaks coal
5710	2220	1220	Clinton sh; sand, shale, streaks coal
5710	2230	1230	Clinton sh; sand, shale, streaks coal
5710	2240	1240	Clinton sh; sand, shale, streaks coal
5710	2250	1250	Clinton sh; sand, shale, streaks coal
5710	2260	1260	Clinton sh; sand, shale, streaks coal
5710	2270	1270	Clinton sh; sand, shale, streaks coal
5710	2280	1280	Clinton sh; sand, shale, streaks coal
5710	2290	1290	Clinton sh; sand, shale, streaks coal
5710	2300	1300	Clinton sh; sand, shale, streaks coal
5710	2310	1310	Clinton sh; sand, shale, streaks coal
5710	2320	1320	Clinton sh; sand, shale, streaks coal
5710	2330	1330	Clinton sh; sand, shale, streaks coal
5710	2340	1340	Clinton sh; sand, shale, streaks coal
5710	2350	1350	Clinton sh; sand, shale, streaks coal
5710	2360	1360	Clinton sh; sand, shale, streaks coal
5710	2370	1370	Clinton sh; sand, shale, streaks coal
5710	2380	1380	Clinton sh; sand, shale, streaks coal
5710	2390	1390	Clinton sh; sand, shale, streaks coal
5710	2400	1400	Clinton sh; sand, shale, streaks coal
5710	2410	1410	Clinton sh; sand, shale, streaks coal
5710	2420	1420	Clinton sh; sand, shale, streaks coal
5710	2430	1430	Clinton sh; sand, shale, streaks coal
5710	2440	1440	Clinton sh; sand, shale, streaks coal
5710	2450	1450	Clinton sh; sand, shale, streaks coal
5710	2460	1460	Clinton sh; sand, shale, streaks coal
5710	2470	1470	Clinton sh; sand, shale, streaks coal
5710	2480	1480	Clinton sh; sand, shale, streaks coal
5710	2490	1490	Clinton sh; sand, shale, streaks coal
5710	2500	1500	Clinton sh; sand, shale, streaks coal
5710	2510	1510	Clinton sh; sand, shale, streaks coal
5710	2520	1520	Clinton sh; sand, shale, streaks coal
5710	2530	1530	Clinton sh; sand, shale, streaks coal
5710	2540	1540	Clinton sh; sand, shale, streaks coal
5710	2550	1550	Clinton sh; sand, shale, streaks coal
5710	2560	1560	Clinton sh; sand, shale, streaks coal
5710	2570	1570	Clinton sh; sand, shale, streaks coal
5710	2580	1580	Clinton sh; sand, shale, streaks coal
5710	2590	1590	Clinton sh; sand, shale, streaks coal
5710	2600	1600	Clinton sh; sand, shale, streaks coal
5710	2610	1610	Clinton sh; sand, shale, streaks coal
5710	2620	1620	Clinton sh; sand, shale, streaks coal
5710	2630	1630	Clinton sh; sand, shale, streaks coal
5710	2640	1640	Clinton sh; sand, shale, streaks coal
5710	2650	1650	Clinton sh; sand, shale, streaks coal
5710	2660	1660	Clinton sh; sand, shale, streaks coal
5710	2670	1670	Clinton sh; sand, shale, streaks coal
5710	2680	1680	Clinton sh; sand, shale, streaks coal
5710	2690	1690	Clinton sh; sand, shale, streaks coal
5710	2700	1700	Clinton sh; sand, shale, streaks coal
5710	2710	1710	Clinton sh; sand, shale, streaks coal
5710	2720	1720	Clinton sh; sand, shale, streaks coal
5710	2730	1730	Clinton sh; sand, shale, streaks coal
5710	2740	1740	Clinton sh; sand, shale, streaks coal
5710	2750	1750	Clinton sh; sand, shale, streaks coal
5710	2760	1760	Clinton sh; sand, shale, streaks coal
5710	2770	1770	Clinton sh; sand, shale, streaks coal
5710	2780	1780	Clinton sh; sand, shale, streaks coal
5710	2790	1790	Clinton sh; sand, shale, streaks coal
5710	2800	1800	Clinton sh; sand, shale, streaks coal
5710	2810	1810	Clinton sh; sand, shale, streaks coal
5710	2820	1820	Clinton sh; sand, shale, streaks coal
5710	2830	1830	Clinton sh; sand, shale, streaks coal
5710	2840	1840	Clinton sh; sand, shale, streaks coal
5710	2850	1850	Clinton sh; sand, shale, streaks coal
5710	2860	1860	Clinton sh; sand, shale, streaks coal
5710	2870	1870	Clinton sh; sand, shale, streaks coal
5710	2880	1880	Clinton sh; sand, shale, streaks coal
5710	2890	1890	Clinton sh; sand, shale, streaks coal
5710	2900	1900	Clinton sh; sand, shale, streaks coal
5710	2910	1910	Clinton sh; sand, shale, streaks coal
5710	2920	1920	Clinton sh; sand, shale, streaks coal
5710	2930	1930	Clinton sh; sand, shale, streaks coal
5710	2940	1940	Clinton sh; sand, shale, streaks coal
5710	2950	1950	Clinton sh; sand, shale, streaks coal
5710	2960	1960	Clinton sh; sand, shale, streaks coal
5710	2970	1970	Clinton sh; sand, shale, streaks coal
5710	2980	1980	Clinton sh; sand, shale, streaks coal
5710	2990	1990	Clinton sh; sand, shale, streaks coal
5710	3000	2000	Clinton sh; sand, shale, streaks coal
5710	3010	2010	Clinton sh; sand, shale, streaks coal
5710	3020	2020	Clinton sh; sand, shale, streaks coal
5710	3030	2030	Clinton sh; sand, shale, streaks coal
5710	3040	2040	Clinton sh; sand, shale, streaks coal
5710	3050	2050	Clinton sh; sand, shale, streaks coal
5710	3060	2060	Clinton sh; sand, shale, streaks coal
5710	3070	2070	Clinton sh; sand, shale, streaks coal
5710	3080	2080	Clinton sh; sand, shale, streaks coal
5710	3090	2090	Clinton sh; sand, shale, streaks coal
5710	3100	2100	Clinton sh; sand, shale, streaks coal
5710	3110	2110	Clinton sh; sand, shale, streaks coal
5710	3120	2120	Clinton sh; sand, shale, streaks coal
5710	3130	2130	Clinton sh; sand, shale, streaks coal
5710	3140	2140	Clinton sh; sand, shale, streaks coal
5710	3150	2150	Clinton sh; sand, shale, streaks coal
5710	3160	2160	Clinton sh; sand, shale, streaks coal
5710	3170	2170	Clinton sh; sand, shale, streaks coal
5710	3180	2180	Clinton sh; sand, shale, streaks coal
5710	3190	2190	Clinton sh; sand, shale, streaks coal
5710	3200	2200	Clinton sh; sand, shale, streaks coal
5710	3210	2210	Clinton sh; sand, shale, streaks coal
5710	3220	2220	Clinton sh; sand, shale, streaks coal
5710	3230	2230	Clinton sh; sand, shale, streaks coal
5710	3240	2240	Clinton sh; sand, shale, streaks coal
5710	3250	2250	Clinton sh; sand, shale, streaks coal
5710	3260	2260	Clinton sh; sand, shale, streaks coal
5710	3270	2270	Clinton sh; sand, shale, streaks coal
5710	3280	2280	Clinton sh; sand, shale, streaks coal
5710	3290	2290	Clinton sh; sand, shale, streaks coal
5710	3300	2300	Clinton sh; sand, shale, streaks coal
5710	3310	2310	Clinton sh; sand, shale, streaks coal
5710	3320	2320	Clinton sh; sand, shale, streaks coal
5710	3330	2330	Clinton sh; sand, shale, streaks coal
5710	3340	2340	Clinton sh; sand, shale, streaks coal
5710	3350	2350	Clinton sh; sand, shale, streaks coal
5710	3360	2360	Clinton sh; sand, shale, streaks coal
5710	3370	2370	Clinton sh; sand, shale, streaks coal
5710	3380	2380	Clinton sh; sand, shale, streaks coal
5710	3390	2390	Clinton sh; sand, shale, streaks coal
5710	3400	2400	Clinton sh; sand, shale, streaks coal
5710	3410	2410	Clinton sh; sand, shale, streaks coal
5710	3420	2420	Clinton sh; sand, shale, streaks coal
5710	3430	2430	Clinton sh; sand, shale, streaks coal
5710	3440	2440	Clinton sh; sand, shale, streaks coal
5710	3450	2450	Clinton sh; sand, shale, streaks coal
5710	3460	2460	Clinton sh; sand, shale, streaks coal
5710	3470	2470	Clinton sh; sand, shale, streaks coal
5710	3480	2480	Clinton sh; sand, shale, streaks coal
5710	3490	2490	Clinton sh; sand, shale, streaks coal
5710	3500	2500	Clinton sh; sand, shale, streaks coal
5710	3510	2510	Clinton sh; sand, shale, streaks coal
5710	3520	2520	Clinton sh; sand, shale, streaks coal
5710	3530	2530	Clinton sh; sand, shale, streaks coal
5710	3540	2540	Clinton sh; sand, shale, streaks coal
5710	3550	2550	Clinton sh; sand, shale, streaks coal
5710	3560	2560	Clinton sh; sand, shale, streaks coal
5710	3570	2570	Clinton sh; sand, shale, streaks coal
5710	3580	2580	Clinton sh; sand, shale, streaks coal
5710	3590	2590	Clinton sh; sand, shale, streaks coal
5710	3600	2600	Clinton sh; sand, shale, streaks coal
5710	3610	2610	Clinton sh; sand, shale, streaks coal
5710	3620	2620	Clinton sh; sand, shale, streaks coal
5710	3630	2630	Clinton sh; sand, shale, streaks coal
5710	3640	2640	Clinton sh; sand, shale, streaks coal
5710	3650	2650	Clinton sh; sand, shale, streaks coal
5710	3660	2660	Clinton sh; sand, shale, streaks coal
5710	3670	2670	Clinton sh; sand, shale, streaks coal
5710	3680	2680	Clinton sh; sand, shale, streaks coal
5710	3690	2690	Clinton sh; sand, shale, streaks coal
5710	3700	2700	Clinton sh; sand, shale, streaks coal
5710	3710	2710	Clinton sh; sand, shale, streaks coal
5710	3720	2720	Clinton sh; sand, shale, streaks coal
5710	3730	2730	Clinton sh; sand, shale, streaks coal
5710	3740	2740	Clinton sh; sand, shale, streaks coal
5710	3750	2750	Clinton sh; sand, shale, streaks coal
5710	3760	2760	Clinton sh; sand, shale, streaks coal
5710	3770	2770	Clinton sh; sand, shale, streaks coal
5710	3780	2780	Clinton sh; sand, shale, streaks coal
5710	3790	2790	Clinton sh; sand, shale, streaks coal
5710	3800	2800	Clinton sh; sand, shale, streaks coal
5710	3810	2810	Clinton sh; sand, shale, streaks coal
5710	3820	2820	Clinton sh; sand, shale, streaks coal
5710	3830	2830	Clinton sh; sand, shale, streaks coal
5710	3840	2840	Clinton sh; sand, shale, streaks coal
5710	3850	2850	Clinton sh; sand, shale, streaks coal
5710	3860	2860	Clinton sh; sand, shale, streaks

{OVER}

[illegible]

STATE OF NEW YORK

RECEIVED
DEPARTMENT OF THE INTERIOR
BIOLOGICAL SERVICE

A circular ink stamp, likely from a government office. The word "RECEIVED" is curved along the top inner edge. In the center, the words "OFFICE OF THE ATTORNEY GENERAL" are printed in a circular arrangement. The stamp is somewhat faded and has a rough, ink-like texture.

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, 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

16-43084-2 U. S. GOVERNMENT PRINTING OFFICE

[illegible]

FORMATION RECORD—Continued