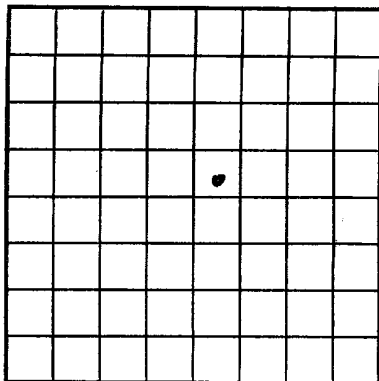


056074

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 056014
LEASE OR PERMIT TO PROSPECT

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Underwood & Sanders Address Box 746, Artesia, N. M.
Lessor or Tract Field Loco Hills State New Mexico
Well No. 4P Sec. 9 T. 18S R. 29E Meridian N. M. P. M. County Eddy
Location 2310 ft. {N.} of S Line and 2310 ft. {E.} of E Line of Sec. 9 Elevation 3480 ft.
(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 Marvin SandersDate Dec. 31, 1939Title Bookkeeper

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

Commenced drilling Nov. 25, 1939, 19..... Finished drilling Dec. 31, 1939, 19.....

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2451 to 2480 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 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 1/2"	28#			318'	H				
7"	24#			2305'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 1/2"	318'	50	Haliburton		
7" OD	2305'	100	"		5 tons

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
		Glycerin	150 qts	1/4/40	2472	

TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet
Cable tools were used from 0 feet to 2472 feet, and from feet to feet

DATES

..... Dec. 31, 1939, 19..... Put to producing Jan. 1, 1940, 19.....The production for the first 24 hours was 150 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

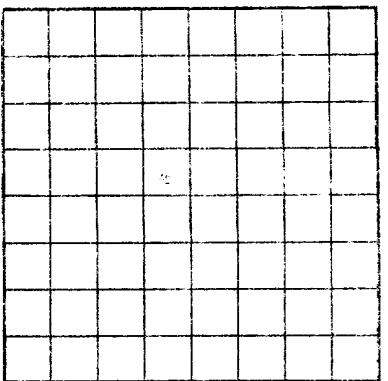
....., Driller Driller
....., Driller Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	80		caliche & gyp
80	249		gyp & red bed
249	318		red bed
318	785		salt
785	1111		anhydrite
1111	1140		anhydrite & red bed
1140	1293		anhydrite
1293	1324		anhydrite & streaks brown shale
1324	1405		anhydrite
1405	1430		anhydrite & brown lime
1430	1474		anhydrite
1474	1505		anhydrite & brown lime
1505	1582		anhydrite
1582	1618		anhydrite & brown lime
1618	1760		anhydrite
1760	1795		anhydrite & brown shale
1795	1984		anhydrite
1984	2018		red sand
2018	2032		anhydrite & lime
2032	2139		anhydrite
2139	2181		anhydrite & brown lime
2181	2326		anhydrite & brown lime
2326	2332		brown lime
2332	2398		brown lime
2398	2418		grey lime

(OVER)

FORMATION RECORD—Continued



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES

LAND OFFICE
SERIAL NUMBER
LEASER OR PERMIT TO PROSPECT

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 _____
The _____
Location _____ of _____ Line and _____
Well No. _____ Sec. _____ T. _____ R. _____
Field No. _____ State _____
Address _____
Company _____

The summary on this page is for the condition of the well at above date.
Completed drilling _____
Finished drilling _____
The summary on this page is for the condition of the well at above date.

OIL OR GAS SANDS OR ZONES

(Denote by G)

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____

IMPORTANT WATER SANDS

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____
No. 4 from _____ to _____

CASING RECORD

Casing	Size	Weight	Threads	Mark	Amount	Kind of shoe	Cor and pulled from	Entered	Purpose

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 attached 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

MUDDING AND CEMENTING RECORD

Casing	Size	Weight	Number sacks of cement	Method used	Mud (gravity)	Amount of mud used

PLUGS AND ADAPTERS

Adapter	Material	Size	Length	Depth set

SHOOTING RECORD

Shot	Shot used	Explosive used	Quantity	Date	Depth of shot

TOOLS USED

Tool	From	To

DATES

The production for the first 24 hours was _____ barrels of oil and _____ barrels of water. The production for the first 24 hours was _____ barrels of oil and _____ barrels of water. The production for the first 24 hours was _____ barrels of oil and _____ barrels of water.

EMPLOYEES

Driller	Driller

FORMATION RECORD

FORMATION	TOTAL FEET	TO	FROM
oil shale		80	0
oil shale		810	80
oil shale		820	810
oil shale		830	820
oil shale		840	830
oil shale		850	840
oil shale		860	850
oil shale		870	860
oil shale		880	870
oil shale		890	880
oil shale		900	890
oil shale		910	900
oil shale		920	910
oil shale		930	920
oil shale		940	930
oil shale		950	940
oil shale		960	950
oil shale		970	960
oil shale		980	970
oil shale		990	980
oil shale		1000	990
oil shale		1010	1000
oil shale		1020	1010
oil shale		1030	1020
oil shale		1040	1030
oil shale		1050	1040
oil shale		1060	1050
oil shale		1070	1060
oil shale		1080	1070
oil shale		1090	1080
oil shale		1100	1090
oil shale		1110	1100
oil shale		1120	1110
oil shale		1130	1120
oil shale		1140	1130
oil shale		1150	1140
oil shale		1160	1150
oil shale		1170	1160
oil shale		1180	1170
oil shale		1190	1180
oil shale		1200	1190
oil shale		1210	1200
oil shale		1220	1210
oil shale		1230	1220
oil shale		1240	1230
oil shale		1250	1240
oil shale		1260	1250
oil shale		1270	1260
oil shale		1280	1270
oil shale		1290	1280
oil shale		1300	1290
oil shale		1310	1300
oil shale		1320	1310
oil shale		1330	1320
oil shale		1340	1330
oil shale		1350	1340
oil shale		1360	1350
oil shale		1370	1360
oil shale		1380	1370
oil shale		1390	1380
oil shale		1400	1390
oil shale		1410	1400
oil shale		1420	1410
oil shale		1430	1420
oil shale		1440	1430
oil shale		1450	1440
oil shale		1460	1450
oil shale		1470	1460
oil shale		1480	1470
oil shale		1490	1480
oil shale		1500	1490
oil shale		1510	1500
oil shale		1520	1510
oil shale		1530	1520
oil shale		1540	1530
oil shale		1550	1540
oil shale		1560	1550
oil shale		1570	1560
oil shale		1580	1570
oil shale		1590	1580
oil shale		1600	1590
oil shale		1610	1600
oil shale		1620	1610
oil shale		1630	1620
oil shale		1640	1630
oil shale		1650	1640
oil shale		1660	1650
oil shale		1670	1660
oil shale		1680	1670
oil shale		1690	1680
oil shale		1700	1690
oil shale		1710	1700
oil shale		1720	1710
oil shale		1730	1720
oil shale		1740	1730
oil shale		1750	1740
oil shale		1760	1750
oil shale		1770	1760
oil shale		1780	1770
oil shale		1790	1780
oil shale		1800	1790
oil shale		1810	1800
oil shale		1820	1810
oil shale		1830	1820
oil shale		1840	1830
oil shale		1850	1840
oil shale		1860	1850
oil shale		1870	1860
oil shale		1880	1870
oil shale		1890	1880
oil shale		1900	1890
oil shale		1910	1900
oil shale		1920	1910
oil shale		1930	1920
oil shale		1940	1930
oil shale		1950	1940
oil shale		1960	1950
oil shale		1970	1960
oil shale		1980	1970
oil shale		1990	1980
oil shale		2000	1990
oil shale		2010	2000
oil shale		2020	2010
oil shale		2030	2020
oil shale		2040	2030
oil shale		2050	2040
oil shale		2060	2050
oil shale		2070	2060
oil shale		2080	2070
oil shale		2090	2080
oil shale		2100	2090
oil shale		2110	2100
oil shale		2120	2110
oil shale		2130	2120
oil shale		2140	2130
oil shale		2150	2140
oil shale		2160	2150
oil shale		2170	2160
oil shale		2180	2170
oil shale		2190	2180
oil shale		2200	2190
oil shale		2210	2200
oil shale		2220	2210
oil shale		2230	2220
oil shale		2240	2230
oil shale		2250	2240
oil shale		2260	2250
oil shale		2270	2260
oil shale		2280	2270
oil shale		2290	2280
oil shale		2300	2290
oil shale		2310	2300
oil shale		2320	2310
oil shale		2330	2320
oil shale		2340	2330
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oil shale		2360	2350
oil shale		2370	2360
oil shale		2380	2370
oil shale		2390	2380
oil shale		2400	2390
oil shale		2410	2400
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oil shale		2430	2420
oil shale		2440	2430
oil shale		2450	2440
oil shale		2460	2450
oil shale		2470	2460
oil shale		2480	2470
oil shale		2490	2480
oil shale		2500	2490
oil shale		2510	2500
oil shale		2520	2510
oil shale		2530	2520
oil shale		2540	2530
oil shale		2550	2540
oil shale		2560	2550
oil shale		2570	2560
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oil shale		2590	2580
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oil shale		2680	2670
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oil shale		2780	2770
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oil shale		2800	2790
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oil shale		2960	2950
oil shale		2970	2960
oil shale		2980	2970
oil shale		2990	2980
oil shale		3000	2990
oil shale		3010	3000
oil shale		3020	3010
oil shale		3030	3020
oil shale		3040	3030
oil shale		3050	3040
oil shale		3060	3050
oil shale		3070	3060
oil shale		3080	3070
oil shale		3090	3080
oil shale		3100	3090
oil shale		3110	3100
oil shale		3120	3110
oil shale		3130	3120
oil shale		3140	3130
oil shale		3150	3140
oil shale		3160	3150
oil shale		3170	3160
oil shale		3180	3170
oil shale		3190	3180
oil shale		3200	3190
oil shale		3210	3200
oil shale		3220	3210
oil shale		3230	3220
oil shale		3240	3230
oil shale		3250	3240
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oil shale		3950	3940
oil shale		3960	3950
oil shale		3970	3960
oil shale		3980	3970
oil shale		3990	3980
oil shale		4000	3990
oil shale		4010	4000
oil shale		4020	4010
oil shale		4030	4020
oil shale		4040	4030
oil shale		4050	4040
oil shale		4060	4050
oil shale		4070	4060
oil shale		4080	4070
oil shale		4090	4080
oil shale		4100	4090
oil shale		4110	4100
oil shale		4120	4110
oil shale		4130	4120
oil shale		4140	4130
oil shale		4150	4140
oil shale		4160	4150
oil shale		4170	4160
oil shale		4180	4170
oil shale		4190	4180
oil shale		4200	4190
oil shale		4210	4200
oil shale		4220	4210
oil shale		4230	4220
oil shale		4240	4230
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oil shale		4360	4350
oil shale		4370	4360
oil shale		4380	4370
oil shale		4390	4380
oil shale		4400	4390
oil shale		4410	4400
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