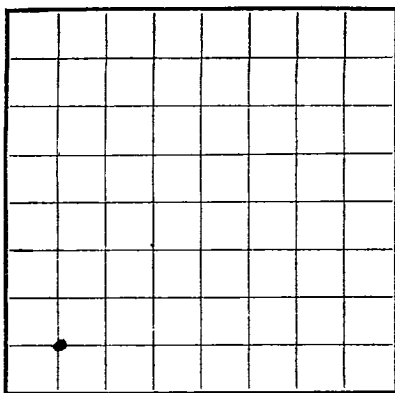


U. S. LAND OFFICE **LC**SERIAL NUMBER **061142-A**

LEASE OR PERMIT TO PROSPECT

Sand Hills Unit-Agreement**UNITED STATES 14-08-001-1592****DEPARTMENT OF THE INTERIOR****GEOLOGICAL SURVEY****DEC 16 1959****U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO****LOG OF OIL OR GAS WELL**

Company **Cities Service Oil Company** Address **Box 97, Hobbs, New Mexico**
Lessor or Tract **Sand Hills Unit** Field **Wildcat** State **New Mexico**
Well No. **7** Sec. **17** T. **26** R. **36** Meridian **NMPM** County **Lea**
Location **660** ft. **N.** of **5** Line and **660** ft. **E.** of **W** Line of **Sec. 17-26-36** Elevation **2954.08**
(Derrick floor relative to datum)

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 *[Signature]*

Date **December 14, 1959** As agent of **Sinclair Oil & Gas Unit-Operator**
of **Sand Hills Unit**, District Superintendent

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

Commenced drilling **November 11**, 19**59** Finished drilling **December 12**, 19**59**

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 **-** 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—	
5 1/2"	22	4	AMERICAN	2700	Plug	1750	1750	1750	Sealing
3 1/2"	10	4	AMERICAN	150	Plug	1750	1750	1750	Sealing
HISTORICAL RECORD OF CASING									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5 1/2"	589.78	600	Plug	-	-
3 1/2"	2585.75	150	Plug	-	-

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
This well was neither shot nor acidized						

TOOLS USED

Rotary tools were used from **0** feet to **3471** feet, and from **-** feet to **-** feet
Cable tools were used from **-** feet to **-** feet, and from **-** feet to **-** feet

DATES

Well was put to producing **December 12**, 19**59**

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

H. P. Mason, Driller **B. G. Speed**, Driller
J. D. Snellings, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	300'		Sand, Surface Rock, Red Bed
300'	590'		Sand, Red Bed
590'	1194'		Sand, Shale
1194'	1750'		Sand, Anhydrite
1750'	1758'		Sand
1758'	1825'		Anhydrite, Gyp
1825'	2214'		Anhydrite, Gyp, Lime Salt
2214'	2586'		Anhydrite, Gyp
2586'	2667'		Gyp, Lime
2667'	2753'		Lime, Dolomite
2753'	2857'		Lime, Sand, Dolomite
2857'	2924'		Anhydrite, Gyp
2924'	3072'		Anhydrite, Gyp, Salt
3072'	3211'		Anhydrite, Salt
3211'	3471'		Gyp, Lime, Anhydrite
Formation Tops			
		1737'	Anhydrite
		3385'	Dolomite
		3444'	Capitan Lime
		3471'	Total Depth

Form 1-5004-2

LOG OF OIL OR GAS WELL

Geological Survey

UNITED STATES DEPARTMENT OF THE INTERIOR

MINERAL RESOURCES DIVISION

Permit to Prospect

State of Texas

County of Tarrant

Section 17, Township 10N, Range 12E

Location of well

Well No. 1

Owner

Operator

Driller

Locate well correctly

The information given herewith is a complete and correct record of the well and all work done thereon as far as can be determined from the records of the well.

Date of completion: 1910

The summary on this page is for the completion of the well as shown on the accompanying diagram.

Commenced drilling: 1910

ON GAS SANDS OR OIL

1. From surface to 10 feet: 10 feet from surface to 10 feet from surface.

2. From 10 feet to 20 feet: 10 feet from surface to 10 feet from surface.

3. From 20 feet to 30 feet: 10 feet from surface to 10 feet from surface.

4. From 30 feet to 40 feet: 10 feet from surface to 10 feet from surface.

5. From 40 feet to 50 feet: 10 feet from surface to 10 feet from surface.

6. From 50 feet to 60 feet: 10 feet from surface to 10 feet from surface.

7. From 60 feet to 70 feet: 10 feet from surface to 10 feet from surface.

8. From 70 feet to 80 feet: 10 feet from surface to 10 feet from surface.

9. From 80 feet to 90 feet: 10 feet from surface to 10 feet from surface.

10. From 90 feet to 100 feet: 10 feet from surface to 10 feet from surface.

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

10-5004-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

FROM-	TO-	TOTAL FEET	FORMATION
0	10	10	10
10	20	20	20
20	30	30	30
30	40	40	40
40	50	50	50
50	60	60	60
60	70	70	70
70	80	80	80
80	90	90	90
90	100	100	100
100	110	110	110
110	120	120	120
120	130	130	130
130	140	140	140
140	150	150	150
150	160	160	160
160	170	170	170
170	180	180	180
180	190	190	190
190	200	200	200
200	210	210	210
210	220	220	220
220	230	230	230
230	240	240	240
240	250	250	250
250	260	260	260
260	270	270	270
270	280	280	280
280	290	290	290
290	300	300	300
300	310	310	310
310	320	320	320
320	330	330	330
330	340	340	340
340	350	350	350
350	360	360	360
360	370	370	370
370	380	380	380
380	390	390	390
390	400	400	400
400	410	410	410
410	420	420	420
420	430	430	430
430	440	440	440
440	450	450	450
450	460	460	460
460	470	470	470
470	480	480	480
480	490	490	490
490	500	500	500
500	510	510	510
510	520	520	520
520	530	530	530
530	540	540	540
540	550	550	550
550	560	560	560
560	570	570	570
570	580	580	580
580	590	590	590
590	600	600	600
600	610	610	610
610	620	620	620
620	630	630	630
630	640	640	640
640	650	650	650
650	660	660	660
660	670	670	670
670	680	680	680
680	690	690	690
690	700	700	700
700	710	710	710
710	720	720	720
720	730	730	730
730	740	740	740
740	750	750	750
750	760	760	760
760	770	770	770
770	780	780	780
780	790	790	790
790	800	800	800
800	810	810	810
810	820	820	820
820	830	830	830
830	840	840	840
840	850	850	850
850	860	860	860
860	870	870	870
870	880	880	880
880	890	890	890
890	900	900	900
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920	930	930	930
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940	950	950	950
950	960	960	960
960	970	970	970
970	980	980	980
980	990	990	990
990	1000	1000	1000