

U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **IC 068474**
LEASE OR PERMIT TO PROSPECT
Government "B"

UNITED STATES Cities Service Oil Co.

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

Company Cities Service Oil Company						Address Box 97, Hobbs, New Mexico	
Lessor or Tract Government "B"						Field Brickey-Queen State New Mexico	
Well No. 19 Sec. 3 T. 14 R. 31 Meridian NMPN County Chaves							
Location 660 ft. N of S Line and 660 ft. E of Line of 3-14S-31E Elevation 4305							

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 December 2, 1954 Signed  Title Asst. Division Capt.

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

Commenced drilling **November 4**, 19**54** Finished drilling **November 16**, 19**54**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

No. 1, from <u>2916</u> to <u>2935</u> No. 2, from <u>-</u> to <u>-</u> No. 3, from <u>-</u> to <u>-</u>	No. 4, from <u>-</u> to <u>-</u> No. 5, from <u>-</u> to <u>-</u> No. 6, from <u>-</u> to <u>-</u>
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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

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	170	100	Plug	-	-
5 1/2	2914	300	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 not shot				

TOOLS USED

Rotary tools were used from 2905 feet to 2935 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

December 2 54 DATES November 29 54
-----, 19-----
The ~~production~~ for the first 24 hours was ----- barrels of fluid of which 99.8 % was oil; 0.2 %
emulsion; ----- % water; and ----- % sediment. Gravity, °Bé. 37.1 60 deg

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

Mr. Shelton	EMPLOYEES	Mr. Henderson
-----, Driller		-----, Driller
-----, Driller		-----, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	120	120	Surface soil, caliche, sand & gravel
120	1270	1150	Red bed
1270	1310	40	Anhydrite
1310	1672	362	Salt & anhydrite
1672	1990	318	Salt
1990	2030	40	Anhydrite & salt
2030	2190	160	Anhydrite
2190	2353	163	Anhydrite & salt streaks
2353	2545	192	Anhydrite
2545	2670	125	Anhydrite & sand streaks
2670	2835	165	Anhydrite & shale streaks
2835	2916	81	Anhydrite
2916	2935	19	Queen land

<u>Formation Tops</u>	
Yates	2140'
Queen	2916'

[OVER]

