

LEASE OR PERMIT TO PROSPECT.....

UNITED STATES Cities Service Oil Co.
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Location 660 ft. $\left\{ \begin{smallmatrix} N. \\ \text{XX} \end{smallmatrix} \right\}$ of 2 Line and 1980 ft. $\left\{ \begin{smallmatrix} E. \\ \text{XX} \end{smallmatrix} \right\}$ of 3 Line of 3-14-31 Elevation 4436 (NF)
(Deriver 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 October 8, 1954 Title Asst. Dir. Bur.

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

Commenced drilling September 7, 19 54 Finished drilling September 25, 19 54

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

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	373	200	Plug	-	-
5 1/2	3033	300	Plug	-	-

PLUGS AND ADAPTERS

Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Cable tools were used from 3018 feet to 3030 feet, and from _____ feet to _____ feet

DATES

The production for the first 24 hours was 128 barrels of fluid of which 99.8 % was oil; 0.2 %

emulsion; _____ % water; and _____ % sediment.

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

-----~~John G.rien~~-----, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	300	300	surface soil, caliche, sand
300	372	72	Red Red
372	1200	828	Shale
1200	1450	250	Shale & shells
1450	1515	65	Anhydrite
1515	2200	685	Salt
2200	2265	65	Anhydrite
2265	2865	600	Shale & shells
2865	3044	179	Shale & anhydrite
3044	3064	20	Sand (Queen)
			<u>Formation Tops</u>
			Yates 2311'
			Queen 3044'

UNITED STATES

[illegible]

OIL OR GAS SANDS OR BOULES

IMPORTANT WATER SAVING

HISTORY OF OIL OR GAS WELL

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543.74 : 0.143

FORMATION

TOTAL TEST

—OL

-NOCL