



U. S. LAND OFFICE **Las Cruces**

SERIAL NUMBER **LC 068474**

LEASE OR PERMIT TO PROSPECT  
**Government "B"**

**UNITED STATES Cities Service Oil Co.**

**DEPARTMENT OF THE INTERIOR**

**GEOLOGICAL SURVEY**

**LOG OF OIL OR GAS WELL**

LOCATE WELL CORRECTLY

Company **Cities Service Oil Company** Address **Box 97, Hobbs, New Mexico**  
 Lessor or Tract **Government "B"** Field **Drickey-Queen** State **New Mexico**  
 Well No. **22** Sec. **3** T. **14S** R. **31E** Meridian **NMPM** County **Chaves**  
 Location **664.75** ft. **XX** of **N** Line and **660** ft. **EX** of **E** Line of **3-14S-31E** Elevation **4425 (DF)**  
(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 **December 27, 1954** Title **Asst. Division Supt.**

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

Commenced drilling **November 23**, 19 **54** Finished drilling **December 5**, 19 **54**

**OIL OR GAS SANDS OR ZONES**

(Denote gas by G)

No. 1, from **3059** to **3074.5** 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 5/8	22.7	SW SJ	Armco	280	Armco	-	-	-	Surface
5 1/2	14	8R	J-55	3038	Baker	-	-	-	Oil String

**MUDDING AND CEMENTING RECORD**

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	291	150	Plug	-	-
5 1/2	304.5	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 **0** feet to **3074.5** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**DATES**

**December 27**, 19 **54** Put to producing **December 17**, 19 **54**

The production for the first 24 hours was **45** barrels of fluid of which **99.6%** was oil; **0.4%** emulsion; **-%** water; and **-%** sediment. Gravity, °Bé. **31 deg at 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**

**J. D. Pennington**, Driller **W. J. Pennington**, Driller  
**Bill Malone**, Driller \_\_\_\_\_, Driller

**FORMATION RECORD**

FROM-	TO-	TOTAL FEET	FORMATION
0	200	200	Surface soil, caliche, sand & gravel
200	500	300	Red Bed
500	1070	570	Shale
1070	1337	267	Shale and shells
1337	1500	163	Anhydrite and shale
1500	1900	400	Anhydrite and salt
1900	2365	465	Salt and shells
2365	2425	60	Gyp and anhydrite
2425	2485	60	Anhydrite and shells
2485	2635	150	Anhydrite and shale
2635	2760	125	Anhydrite and shells
2760	3059	299	Anhydrite and shale
3059	3074.5	15.5	Queen Sand

**Formation Tops**

Yates	2260'
Queen	3059

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