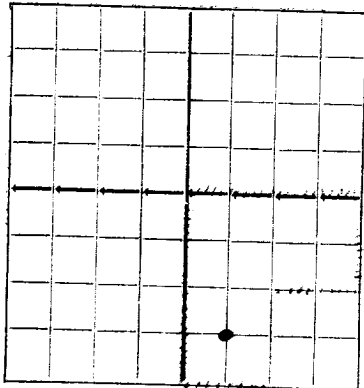


N.

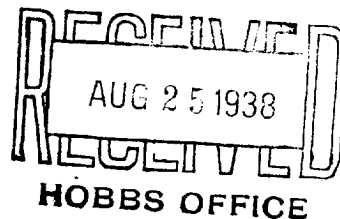


AREA 640 ACRES  
LOCATE WELL CORRECTLY

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## WELL RECORD



Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

DUPLICATE

**Cities Service Oil Company**  
Company or Operator  
**Brunson**  
Lease  
Well No. **3** in **NE 1/4** of Sec. **4**, T. **22**  
R. **37**, N. M. P. M., **Pearose** Field, **Lee** County.  
Well is **1980** feet south of the North line and **1980** feet west of the East line of **SE 1/4 of sec. 4**  
If State land the oil and gas lease is No. \_\_\_\_\_ Assignment No. \_\_\_\_\_  
If patented land the owner is **R. L. Brunson**, Address **Bunice, New Mexico**  
If Government land the permittee is \_\_\_\_\_, Address \_\_\_\_\_  
The Lessee is **Cities Service Oil Company**, Address **Hobbs, New Mexico**  
Drilling commenced **7-10** 19 **38** Drilling was completed **8-14-** 19 **38**  
Name of drilling contractor **Service Drilling Company**, Address **Big Spring, Texas**  
Elevation above sea level at top of casing **5436'** feet.  
The information given is to be kept confidential until \_\_\_\_\_ 19 \_\_\_\_\_

## OIL SANDS OR ZONES

No. 1, from **3470** to **3740** No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ feet.  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ feet.  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ feet.  
No. 4, from \_\_\_\_\_ to \_\_\_\_\_ feet.

## CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM TO	PURPOSE
<b>7 5/8"</b>	<b>26</b>	<b>10</b>		<b>282</b>				
<b>5 1/2"</b>	<b>17</b>	<b>10</b>		<b>3685'</b>				<b>Surface Oil String</b>

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<b>7 5/8"</b>	<b>284'</b>		<b>175</b>	<b>Halliburton</b>		
<b>5 1/2"</b>	<b>3685'</b>		<b>100</b>	<b>Halliburton</b>		

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth Set \_\_\_\_\_  
Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

## RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHOUL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		<b>Dowell 22</b>	<b>2000 gal.</b>	<b>8-17-38</b>	<b>3670-3740</b>	

Results of shooting or chemical treatment **Increased production from 8 1/2 barrels per hour to 375 barrels on 18 hour test or 21 barrels per hour. At the end of 18 hours production had settled to 11 barrels per hour.**

## RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

## TOOLS USED

Rotary tools were used from **0** feet to **3740** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## PRODUCTION

Put to producing \_\_\_\_\_ 19 \_\_\_\_\_  
The production of the first **24** hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_ % was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and **375** % sediment. Gravity, Be. **100**  
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 **D. A. Bourg** Driller **Frank L. Peebles**  
Driller **J. H. Randall** Driller \_\_\_\_\_

## FORMATION RECORD ON OTHER SIDE

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Subscribed and sworn to before me this \_\_\_\_\_

day of \_\_\_\_\_, 19 \_\_\_\_\_

**L. W. Jernigan**  
Notary Public

My Commission expires **6-26-39**

Name **L. W. Jernigan**

Position **Division Clerk**

Representing **Cities Service Oil Company**

Address **Hobbs, New Mexico**

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	40	40	Sand and caliche
40	290	250	Sand and red rock
290	1158	868	Red bed
1158	1232	74	Anhydrite
1232	1502	270	Salt and anhydrite
1502	1574	72	Salt
1574	1595	21	Anhydrite
1595	1782	187	Salt, potash and anhydrite
1782	1910	128	Salt and anhydrite
1910	2045	135	Salt and potash
2045	2083	38	Anhydrite (Hard)
2083	2413	330	Salt, potash and anhydrite
2413	2614	201	Anhydrite
2613	2630	17	Anhydrite and lime
2630	2663	33	Anhydrite
2663	2685	22	Shale
2685	2875	190	Anhydrite and shale
2875	3025	150	Anhydrite
3025	3260	235	Anhydrite and lime
3260	3300	40	Anhydrite
3300	3363	63	Anhydrite, lime and gyp
3363	3390	27	Anhydrite
3390	3400	10	Sandy lime
3400	3491	91	Lime
3491	3540	49	Lime and sand
3540	3585	45	Lime
3585	3595	10	Lime and Bentonite
3595	3740	145	Lime
			Total Depth 3740