



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. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

**Empire-Masonic Building**  
**Bartlesville, Oklahoma**

**Cities Service Oil Company**  
Company or Operator

**Brunson "C"** Well No. **5** in **SW SE** of Sec. **3**, T. **22S**  
Lease

R. **37E** N. M. P. M. **Drinkard** Field, **Lea** County.

Well is **554'** feet **North** of the **max** line and **2086'** feet west of the East line of **3-22S-37E**

If State land the oil and gas lease is No. **-** Assignment No. **-**

If patented land the owner is **Brunson** Address **Eunice, New Mexico**

If Government land the permittee is **-** Address **-**

The Lessee is **Cities Service Oil Company** Address **Drawer G, Hobbs, New Mexico**

Drilling commenced **June 21, 1949** Drilling was completed **July 20, 1949**

Name of drilling contractor **Two-State Drilling Company** Address **Dallas, Texas**

Elevation above sea level at top of casing **3400'** feet.

The information given is to be kept confidential until **-** 19 **-**

OIL SANDS OR ZONES

No. 1, from **6451'** to **6544'** 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	OUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
<b>13-3/8"</b>	<b>48#</b>	<b>8R</b>	<b>AO SMITH</b>	<b>310.24'</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>8-5/8"</b>	<b>28#</b>	<b>8R</b>	<b>SS J-55</b>	<b>2786.70'</b>	<b>Baker</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>5-1/2"</b>	<b>15.5#</b>	<b>8R</b>	<b>J-55</b>	<b>6427.14'</b>	<b>Baker</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>2" EUE</b>	<b>4.7#</b>	<b>8R</b>	<b>SS J-55</b>	<b>6503'</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
<b>17-1/4"</b>	<b>13-3/8"</b>	<b>325.24'</b>	<b>310</b>	<b>Plug</b>	<b>-</b>	<b>-</b>
<b>12-1/4"</b>	<b>8-5/8"</b>	<b>2799.20'</b>	<b>700</b>	<b>Plug</b>	<b>-</b>	<b>-</b>
<b>7-5/8"</b>	<b>5-1/2"</b>	<b>6438.64'</b>	<b>350</b>	<b>Plug</b>	<b>-</b>	<b>-</b>

PLUGS AND ADAPTERS

Heaving plug—Material **-** Length **-** Depth Set **-**

Adapters — Material **-** Size **-**

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
<b>-</b>	<b>-</b>	<b>Western 15% Acid</b>	<b>1000 Gals</b>	<b>7-26-49</b>	<b>6460'-6544'</b>	<b>-</b>

Results of shooting or chemical treatment **Swabbed & flowed 167 barrels in tank in 14 hours; CP 0#, TP came up to 200# and well started flowing with 9% acid water. Started Potential**

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 **6544'** feet, and from **-** feet to **-** feet

Cable tools were used from **-** feet to **-** feet, and from **-** feet to **-** feet

PRODUCTION

Put to producing **July 21, 1949**

The production of the **first** 24 hours was **315** barrels of fluid of which **99.6%** was oil; **.4%** emulsion; **0%** water; and **0%** sediment. Gravity, Be. **40°**

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 **-** Driller

**-** Driller **-** 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 **29th** **Hobbs, New Mexico** **July 29, 1949**

day of **July**, 19 **49** Name **[Signature]** Date **-**

**[Signature]** Notary Public Position **District Superintendent**

Representing **Cities Service Oil Company**

Address **Drawer G, Hobbs, New Mexico**

My Commission expires **March 12, 1951**

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0'	70'	70'	Sand & Caliche
70'	764'	694'	Red Bed
764'	968'	204'	Red Bed & Shells
968'	1128'	160'	Red Bed
1128'	1280'	152'	Anhydrite & Shells
1280'	2400'	1120'	Anhydrite & Salt
2400'	2457'	57'	Lime & Anhydrite
2457'	2593'	136'	Anhydrite
2593'	2658'	65'	Lime & Anhydrite
2658'	2780'	122'	Anhydrite
2780'	6544'	3764'	Lime
<p style="text-align: center;">Formation Tops</p> <p>Anhydrite 1120, plus 2280'</p> <p>San Andres 3840', minus 440'</p> <p>San Angelo Dense, 5000', minus 1600'</p> <p>San Angelo 5025', minus 1625'</p> <p>Clearfork 5462', minus 2062'</p> <p>Fullerton Sand 5999', minus 2599'</p> <p>Top Pay 6445', minus 3043'</p> <p>Total Depth 6544'</p> <p>Elevation 3400'</p>			
<p style="text-align: center;">DST # 1</p> <p>Tested 6451'-6544' (93'). Tool open 9 hrs. 24 minutes, 1" TC, 5/8" BC. Gas in 56 minutes, mud 4 hrs. 50 minutes, oil 5 hrs. 5 minutes. Let flow in pit to clear up good, then flowed in tank 3 hrs.. Produced 11 bbls. clean oil, GOR 1180. Recovery by 30 minute periods: 1st, 4.12 bbls; 2nd, 0.69; 3rd 0; 4th, 4.12; 5th, 1.37; 6th, 0.69; IFP 80#, FFP 475#, SIP 1900#, MCP 2800#, Gravity 40°.</p>			