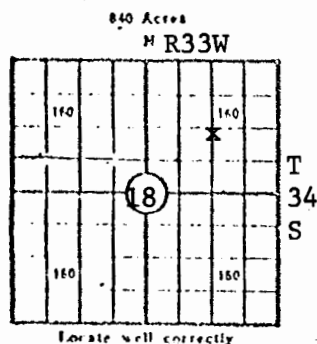


## KANSAS CORPORATION COMMISSION

18-34-33W

## WELL RECORD

(Mail to Kansas Geological Survey, 4150 Monroe Street, Wichita, Kansas 67209)



Lease Name: Shives "A" Well No. 2  
Well Located: 1420' FNL, 1320' FEL of NE/4  
SEC 18 TWP 34S RGE 33W  
Operator: Cities Service Oil Co.  
Address: 3545 N. W. 58th St., Oklahoma City, Okla. 73112  
Elevation: Ground 2880' D.F. 2888' K.B. 2889'  
Type Well: (Oil, gas, dry hole) Dry Hole

Drilling Commenced: 4-6 19 76 Drilling Completed: 4-20 19 76  
Well Completed: 4-20 19 76 Total Depth 6461'  
Initial Production: Dry Hole

Casing Record

Size: 8-5/8" Set at 1605' Size: ---- Set at ----  
Size: -- Set at - Size: ----- Set at ---

Liner Record

Size: ---- Set from ----- To -----

Cementing

| <u>Casing Size</u> | <u>Sacks</u> | <u>Type Cement and Additives</u>                            |
|--------------------|--------------|-------------------------------------------------------------|
| <u>8-5/8"</u>      | <u>750</u>   | <u>Cemented w/700 sx Howco Lite w/2% CaCl followed by</u>   |
|                    |              | <u>200 sx Class H w/3% CaCl. Cement circulated: 150 sx.</u> |
|                    |              |                                                             |

Perforations

| <u>Formation</u> | <u>Perforated Interval and Number Shots</u> |
|------------------|---------------------------------------------|
| <u>----</u>      | <u>-----</u>                                |
| <u>-----</u>     | <u>-----</u>                                |
| <u>-----</u>     | <u>-----</u>                                |
| <u>-----</u>     | <u>-----</u>                                |

Electric Log Run. (Show type log and depths covered)

Ran Schlumberger Dual Induction Laterolog & Compensated Formation Density w/Gamma Ray-  
Caliper Log to 6461'.

(Fill in formation and related information on reverse side)

# FORMATION, TESTING AND COMPLETION RECORD

18-34-33w

Show Drill Stem Tests,  
Well Stimulation and  
Production Tests

| Formation       | Top  | Bottom |                                |
|-----------------|------|--------|--------------------------------|
| Soil, Red Bed   | 0    | 725    | DST #1 Lower Morrow 6080-6100' |
| Red Bed & Shale | 725  | 1595   |                                |
| Anhydrite       | 1595 | 1614   | DST #2 Chester                 |
| Red Bed         | 1614 | 1865   |                                |
| Shale           | 1865 | 3140   |                                |
| Lime & Shale    | 3140 | 3375   |                                |
| Shale           | 3375 | 3627   |                                |
| Lime & Shale    | 3627 | 3835   |                                |
| Shale           | 3835 | 4557   |                                |
| Lime & Shale    | 4557 | 4740   |                                |
| Shale & Lime    | 4740 | 4884   |                                |
| Shale           | 4884 | 5025   |                                |
| Lime            | 5025 | 5758   |                                |
| Shale           | 5758 | 6287   |                                |
| Lime & Shale    | 6287 | 6461   |                                |
| TD              |      | 6461   |                                |

18-34-33M