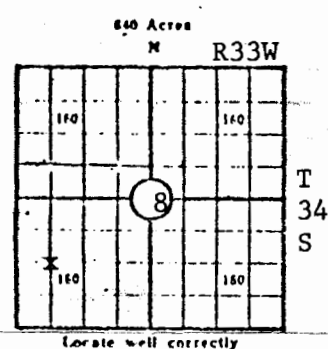


8-34-33W

State Geological Survey  
WICHITA, BRANCH

KANSAS CORPORATION COMMISSION  
WELL RECORD

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



Lease Name: Fitzgerald "A" Well No. 3  
Well Located: 1320' FSL, 660 FWL  
SEC 8 TWP 34S RGE 33W  
Operator: Cities Service Oil Company  
Address: 3545 N.W. 58th St., Oklahoma City, Okla. 73112  
Elevation: Ground 2892' D.F. 2900' K.B. 2901'  
Type Well: (Oil, gas, dry hole) Gas

Drilling Commenced: 9/16 19 75 Drilling Completed: 10/4 19 75  
Well Completed: 11/5 19 75 Total Depth 6471'  
Initial Production: Potential CAOF 20,000\* \*  
\* 4-Pt. Test to be taken when well is connected to pipeline.

Casing Record

Size: 8-5/8" Set at 1644' Size:        Set at         
Size: 5-1/2" Set at 6468' Size:        Set at       

Liner Record

Size:        Set from        To       

Cementing

| Casing Size     | Sacks         | Type Cement and Additives                                                               |
|-----------------|---------------|-----------------------------------------------------------------------------------------|
| <u>8-5/8"</u>   | <u>925 sx</u> | <u>Cmt w/700 sx 35/65 Pozmix w/2% of CaCl followed by 225 sx Class H w/3% CaCl.</u>     |
| * <u>5-1/2"</u> | <u>250 sx</u> | <u>Cmt w/250 sx 50/50 Pozmix w/2% Add'l gel, 18% salt, 1/4# flocele and 0.8% CFR-2.</u> |

Perforations

| Formation        | Perforated Interval and Number Shots |
|------------------|--------------------------------------|
| <u>L. Morrow</u> | <u>6066-6082' w/32 Shots</u>         |
| <u>      </u>    | <u>      </u>                        |
| <u>      </u>    | <u>      </u>                        |

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

Ran Rosel Cmt Bond Log & CC Log from 5300-6418'. Ran Schlumberger Dual Induction Laterlog & Borehole Comp. Sonic w/Gamma Ray Caliper from 1644' to 6471' K.B.

(Fill in formation and related information on reverse side)

\* Cmt Bond Log indicates that the top of cement for the 4 1/2" casing is at 5500'.

WEE-48-8

FORMATION, TESTING AND COMPLETION RECORD

8-34-33w

Show Drill Stem Tests,  
Well Stimulation and  
Production Tests

| Formation           | Top  | Bottom |
|---------------------|------|--------|
| Sand & Red Bed      | 0    | 800    |
| Shale & Gyp         | 800  | 1060   |
| Sand                | 1060 | 1270   |
| Red Bed             | 1270 | 1290   |
| Anhydrite & Red Bed | 1290 | 1695   |
| Red Bed & Shale     | 1695 | 2200   |
| Lime & Shale        | 2200 | 3195   |
| Dolomite            | 3195 | 4040   |
| Lime & Shale        | 4040 | 5028   |
| Lime                | 5028 | 5160   |
| Lime & Shale        | 5160 | 6471   |
| TD                  | 6471 |        |
| PBTD                | 6358 |        |

Acidized Lower Morrow 6066-82' w/2500 gals of 15% HCl acid w/10% U-66 Mutual Solvent & 36 ball sealers. Acid fraced Lower Morrow 6066-82' down csg w/34,000 gals of 5% & 27,500# sand as follows: 1000 gal 5% acid w/90 gals L42 (Clay stabilizer), 1000 gals 5% acid spacer, 7000 gals 5% acid RF60 (J-267) pad, 10,000 gals 5% acid RF60 (J0267) w/10,000# 20/40 Sd, 10,000 gals 5% acid RF60 (J-267) w/10,000# 10/20 Sd, 5000 gals 5% acid RF60 (J-267) w/7500 10/20 Sd. Flushed w/6100 gals of 1% KCLW w/10#/1000 gals G-267.

RECEIVED  
FEB 20 1976  
DIVISION OF OIL & GAS  
NORTH DAKOTA