

CONSULTATION DIVISION Form AGO-1 (5-86)  
Wichita, Kansas 10-27-87

## SIDE TWO

Operator Name JFW, Inc. Lease Name Smith Well # 1-30

Sec. 30 Twp. 23 Rge. 13 ☐ East ☒ West County Stafford

## WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken ☒ Yes ☐ No  
Samples Sent to Geological Survey ☐ Yes ☒ No  
Cores Taken ☐ Yes ☒ No

Formation Description  
☐ Log ☐ Sample

Name Top Bottom

#1 3646-3692  
Lansing K/C H,I,J. 30-45-45-60  
IHP 1881# PHP 1847# REC 31' SOCM  
IFP -55-66# FFP 110-110# 62' OCM 2' free oil  
ICIP 1004# FCIP 1374#  
#2 3710-3733 Lansing K/C kzone  
30-45-45-60  
IHP 1914#- FHP 1858  
IFP 55-55# FFP 77-77#  
ICIP 669 FCIP 853#  
REC 283 gas in pipe, 10; OCM 62' HOCM  
#3 3975-4002 30-45-45-60 Arbuckle  
IHP 2123# FHP 1958  
IFP 44-77# FFP 132-209  
ICIP 1352# FCIP 1352#  
Rec. 134' oil specked mud  
310' water

|               |          |
|---------------|----------|
| Anhydrite     | 812      |
| Heebner       | 3370     |
| Toronto       | 3592     |
| Brown Lime    | 3511     |
| Lansing       | 35283528 |
| B/KC          | 3778     |
| Viola         | 3906     |
| Simpson Shale | 3952     |
| Arbuckle      | 3998     |

CASING RECORD ☒ New ☒ Used

Report all strings set-conductor, surface, intermediate, production, etc.

| Purpose of String | Size Hole Drilled | Size Casing Set (in O.D.) | Weight Lbs/Ft. | Setting Depth | Type of Cement | #Sacks Used | Type and Percent Additives |
|-------------------|-------------------|---------------------------|----------------|---------------|----------------|-------------|----------------------------|
| Surface           | 12 1/2"           | 8-5/8"                    | 20#            | 350'          | 60/40 poz      | 190         | 2% gel 3% cc.              |
| Production        | 7-7/8"            | 5 1/2"                    | 15.5#          | 4049          | 50/50 poz      | 125         | 10% salt 1% Halad 322      |

## PERFORATION RECORD

| Shots Per Foot | Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | Depth                     |
|----------------|---------------------------------------------|--------------------------------------------------------------------------------|---------------------------|
| 2              | 3658-60 3688-92 3696-98 3723-27             | 250 gal. 15%<br>500 gal. 15%<br>187 SCF No. 2,000 retarded acid co-mingled     | 3696<br>3696<br>3696-3727 |

| TUBING RECORD | Size  | Set At  | Packer at | Liner Run | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
|---------------|-------|---------|-----------|-----------|---------------------------------------------------------------------|
|               | 2 7/8 | 3740.85 |           |           |                                                                     |

| Date of First Production | Producing Method                                                                                                                                             |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8/5/87                   | <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain)..... |

| Estimated Production Per 24 Hours | Oil  | Gas | Water | Gas-Oil Ratio | Gravity |
|-----------------------------------|------|-----|-------|---------------|---------|
|                                   | 18   | 1   | 140   |               |         |
|                                   | Bbls | MCF | Bbls  | CFPB          |         |

## METHOD OF COMPLETION

## Production Interval

Disposition of gas: ☐ Vented ☐ Open Hole ☒ Perforation  
☐ Sold ☐ Other (Specify) .....  
☒ Used on Lease ☐ Dually Completed  
☐ Commingled