



Operator Name The Production Team, Inc. Lease Name Clarkson Well # 13

Sec. 2 Twp. 33 Rge. 15  East  West County Montgomery

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 |
|--------------|-------|--------|
| Bartlesville | 1004' | 1010'  |
| Bartlesville | 1012' | 1016'  |

| CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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 Production  | 8"<br>5 1/8"  | 7"<br>2 7/8"              |                | 20'<br>1080'   | portland<br>owc | 4<br>120    |                            |
| PERFORATION RECORD  |   |                           |                | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) |                 |             |                            |
| Shots Per Foot  | Specify Footage of Each Interval Perforated   |                           |                |  |                 | Depth       |                            |
| 2<br>2  | 1004' - 1010'<br>1012' - 1016'  |                           |                | 20 sks 12x30 sand<br>30 sks 10x20 sand<br>35 bbls gelled water                 |                 | perfs       |                            |
| TUEING RECORD   |   |                           |                | Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No             |                 |             |                            |
| Size  | Set At  | Packer at                 |                |  |                 |             |                            |
|   |   |                           |                |  |                 |             |                            |
| Date of First Production  | Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain)..... |                           |                |  |                 |             |                            |
| 03-30-85  | <input checked="" type="checkbox"/> Pumping   |                           |                |  |                 |             |                            |
| Estimated Production Per 24 Hours   | Oil   | Gas                       | Water          | Gas-Oil Ratio  | Gravity         |             |                            |
|   | 0 Bbls  | 30 MCF                    |                |  |                 |             |                            |

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Sold  Used on Lease  
 Open Hole  Perforation  Other (Specify) .....  
 Fully Completed  Drilled

1004' - 1010'  
1012' - 1016'

Well No. 3 Farm Clarkson Jr. Operator The Production Team  
 Location \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ Rgn. \_\_\_\_\_ API Intent No. \_\_\_\_\_  
 Elevation \_\_\_\_\_ State Kansas County Montgomery  
 Kind Well (Oil, Gas, Water, Disposal, Injection)  
 Surface Casing 20 FL Cement \_\_\_\_\_ 4 bx  
 Production Casing \_\_\_\_\_ PL. \_\_\_\_\_ Cement \_\_\_\_\_ bx  
 Production (Oil, Gas, Water, Dry) \_\_\_\_\_ bbl/dy-ft<sup>3</sup>/dy \_\_\_\_\_  
 Starting Date Nov 13, 84 Completion Date Nov 14, 84 T.D. 1080' FL

hole size 3 1/8

LOG

| From | To  | Strata         | From | To   | Strata                      | Remarks |
|------|-----|----------------|------|------|-----------------------------|---------|
| 0    | 2   | Top Soil       | 577  | 598  | Lime (Pink)                 |         |
| 2    | 8   | CLAY           | 598  | 676  | shale (muddy) (Pew)         |         |
| 8    | 12  | Lime           | 676  | 703  | Lime (Craweg)               |         |
| 12   | 16  | shale          | 703  | 712  | D. Shale                    |         |
| 16   | 19  | Lime           | 712  | 729  | Lime                        |         |
| 19   | 63  | shale          | 729  | 738  | D. Shale                    |         |
| 63   | 67  | Lime           | 738  | 747  | Lime                        |         |
| 67   | 81  | shale          | 747  | 760  | shale                       |         |
| 81   | 84  | Lime           | 760  | 762  | Lime (2FT)                  |         |
| 84   | 97  | shale          | 762  | 810  | SHALE                       |         |
| 97   | 101 | Lime           | 810  | 824  | SAND (Squirrel)             |         |
| 101  | 184 | shale          | 824  | 852  | shale                       |         |
| 184  | 187 | Lime           | 852  | 876  | SAND (cattlemen)            |         |
| 187  | 204 | sandy shale    | 876  | 986  | SHALE                       |         |
| 204  | 237 | shale          | 986  | 1000 | SANDY SHALE                 |         |
| 237  | 241 | Lime           | 1000 | 1005 | SAND some gas, little brown |         |
| 241  | 325 | shale          | 1005 | 1025 | SAND 30,000 on gas test     |         |
| 325  | 327 | Lime           | 1025 | 1030 | SANDY SHALE                 |         |
| 327  | 417 | sand (waxside) | 1030 | 1043 | shale                       |         |
| 417  | 440 | shale          | 1043 | 1047 | SANDY SHALE                 |         |
| 440  | 444 | Lime           | 1047 | 1050 | SAND (hard) shale           |         |
| 444  | 452 | shale          | 1050 | 1053 | SAND                        |         |
| 452  | 455 | Lime           | 1053 | 1054 | SHALE                       |         |
| 455  | 473 | sand (waxed)   | 1054 | 1080 | SANDY SHALE                 |         |
| 473  | 577 | SHALE          |      |      | T.D. 1080                   |         |

Driller Don Hubbard Rick Vandure