



**ORIGINAL**

Operator Name: Shawnee Oil & Gas, LLC. Lease Name: Heins Well #: 7-24  
 Sec. 24 Twp. 32 S. R. 16  East  West County: Montgomery

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken  Yes  No  
 (Attach Additional Sheets)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
 (Submit Copy)

List All E. Logs Run:

Compensated Density Neutron **FEB 23 2004**  
 Dual Induction

**RECEIVED**  
**KANSAS CORPORATION COMMISSION**

**CONSERVATION DIVISION**  
**WICHITA, KS**

Log Formation (Top), Depth and Datum  Sample

| Name          | Top     | Datum |
|---------------|---------|-------|
| Pawnee Lime   | 523 GL  | 321   |
| Excello Shale | 678 GL  | 166   |
| V Shale       | 731 GL  | 113   |
| Riverton      | 1063 GL | -219  |
| Mississippian | 1076 GL | -232  |

| 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         | # Sacs Used | Type and Percent Additives |
| Surface   | 11 1/4            | 8.65                      | 23                | 46            | Class A                | 25          | cacl2 3%                   |
| Casing  | 7 7/8             | 5.5                       | 15.5              | 1161          | Thixotropic + Gilsonte | 150         |                            |

| ADDITIONAL CEMENTING / SQUEEZE RECORD   |                  |                |             |                            |
|---|------------------|----------------|-------------|----------------------------|
| Purpose:                                | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate      |                  |                |             |                            |
| <input type="checkbox"/> Protect Casing |                  |                |             |                            |
| <input type="checkbox"/> Plug Back TD   |                  |                |             |                            |
| <input type="checkbox"/> Plug Off Zone  |                  |                |             |                            |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type<br>Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record<br>(Amount and Kind of Material Used) | Depth |
|----------------|---|---|-------|
| 4              | 855 - 859   | 256 gal 15% HCl + 306B Water + 2479#  | 855   |
|                |   | 16/30 sand  |       |

| TUBING RECORD                                    |           | Size  | Set At      | Packer At     | Liner Run   |
|--|-----------|---|-------------|---------------|---|
|  |           | 2 7/8 & 2 3/8   | 890         |               | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Date of First, Resumerd Production, SWD or Enhr. |           | Producing Method  |             |               |   |
| 11/13/03   |           | <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 Bbls. | Gas Mcf   | Water Bbls. | Gas-Oil Ratio | Gravity   |
|  |           | 5   | 6           |               |   |

Disposition of Gas  Vented  Sold  Used on Lease (If vented, Submit ACO-18.)

METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled

Production Interval  Other (Specify)