

**McPherson Drilling LLC Drillers Log**

**PO#** **AFE# D11095**

|                               |                           |              |               |
|-------------------------------|---------------------------|--------------|---------------|
| <b>Rig Number:</b> 1          | <b>S. 28</b>              | <b>T. 31</b> | <b>R.14 E</b> |
| <b>API No. -15-</b> 125-32129 | <b>County: Montgomery</b> |              |               |
| Elev. 825                     | <b>Location:</b>          |              |               |

| <b>Gas Tests:</b> |   |
|-------------------|---|
| 703'              | 0 |
| 903'              | 0 |
| 928'              | 0 |
| 1028'             | 0 |
| 1053'             | 0 |
| 1079'             | 0 |
| 1104'             | 0 |
| 1153'             | 0 |
| 1178'             | 0 |
| 1228'             | 0 |
| 1377'             | 0 |
| 1402'             | 0 |
| 1427'             | 0 |
| 1540'             | 0 |
| <b>Comments:</b>  |   |
| Start injecting @ |   |

|  |
|--|
| <b>Operator:</b> POSTROCK  |
| <b>Address:</b> 210 Park Ave Ste 2750<br>Oklahoma City, OK 73102-5641                  |
| <b>Well No:</b> 26-2 <b>Lease Name:</b> SCHWATKEN WILBUR                               |
| <b>Footage Location:</b> 1,980 ft. from the SOUTH Line<br>2,120 ft. from the EAST Line |
| <b>Drilling Contractor:</b> McPherson Drilling LLC                                     |
| <b>Spud date:</b> 11/1/2011 <b>Geologist:</b> Ken Recoy                                |
| <b>Date Completed:</b> 11/3/2011 <b>Total Depth:</b> 1540                              |

| <b>Casing Record</b>  |                |                   | <b>Rig Time:</b> |            |
|-----------------------|----------------|-------------------|------------------|------------|
|                       | <b>Surface</b> | <b>Production</b> |                  |            |
| <b>Size Hole:</b>     | 11             | 7 7/8             |                  | odor 908'  |
| <b>Size Casing:</b>   | 8 5/8          |                   |                  | h2o 1270'  |
| <b>Weight:</b>        | 20             |                   |                  |            |
| <b>Setting Depth:</b> | 22             | McP               |                  |            |
| <b>Type Cement:</b>   | Portland       |                   | <b>DRILLER:</b>  | Andy Coats |
| <b>Sacks:</b>         | 4              | McP               |                  |            |

| <b>Well Log</b>  |            |             |             |                  |            |             |  |                  |            |             |
|------------------|------------|-------------|-------------|------------------|------------|-------------|--|------------------|------------|-------------|
| <b>Formation</b> | <b>Top</b> | <b>Btm.</b> | <b>HRS.</b> | <b>Formation</b> | <b>Top</b> | <b>Btm.</b> |  | <b>Formation</b> | <b>Top</b> | <b>Btm.</b> |
| Soil             | 0          | 3           |             | Lime             | 717        | 720         |  | Sand Shale       | 1184       | 1201        |
| Lime             | 3          | 17          |             | Sand Shale       | 720        | 762         |  | Shale            | 1201       | 1212        |
| Shale            | 17         | 21          |             | Lime             | 762        | 775         |  | Coal             | 1212       | 1214        |
| Lime             | 21         | 37          |             | Shale            | 775        | 900         |  | Shale            | 1214       | 1360        |
| Shale            | 37         | 52          |             | Coal             | 900        | 902         |  | Coal             | 1360       | 1361        |
| Lime             | 52         | 80          |             | Shale            | 902        | 903         |  | Shale            | 1361       | 1398        |
| Shale            | 80         | 352         |             | Lime             | 903        | 922         |  | Coal             | 1398       | 1400        |
| Sand Shale       | 352        | 372         |             | Shale            | 922        | 926         |  | Miss             | 1400       | 1540        |
| Black Shale      | 372        | 374         |             | Coal             | 926        | 927         |  |                  |            |             |
| Shale            | 374        | 410         |             | Shale            | 927        | 991         |  |                  |            |             |
| Lime             | 410        | 450         |             | Oswego           | 991        | 1017        |  |                  |            |             |
| Shale            | 450        | 462         |             | Summit           | 1017       | 1025        |  |                  |            |             |
| Lime             | 462        | 505         |             | Lime             | 1025       | 1038        |  |                  |            |             |
| Black Shale      | 505        | 508         |             | Mulky            | 1038       | 1046        |  |                  |            |             |
| Lime             | 508        | 519         |             | Lime             | 1046       | 1052        |  |                  |            |             |
| Sand Shale       | 519        | 601         |             | Shale            | 1052       | 1069        |  |                  |            |             |
| Lime             | 601        | 629         |             | Coal             | 1069       | 1070        |  |                  |            |             |
| Shale            | 629        | 651         |             | Shale            | 1070       | 1091        |  |                  |            |             |
| Lime             | 651        | 674         |             | Coal             | 1091       | 1094        |  |                  |            |             |
| Black Shale      | 674        | 681         |             | Shale            | 1094       | 1132        |  |                  |            |             |
| Coal             | 681        | 683         |             | Coal             | 1132       | 1134        |  |                  |            |             |
| Shale            | 683        | 690         |             | Shale            | 1134       | 1173        |  |                  |            |             |
| Coal             | 690        | 691         |             | Coal             | 1173       | 1174        |  |                  |            |             |
| Shale            | 691        | 717         |             | Shale            | 1174       | 1184        |  |                  |            |             |