217-22332

# HIGH RESOLUTION COMPENSATED DENSITY SIDEWALL NEUTRON LOG

OAGE WIRELINE

| | | | |
|---|---|---|---|
| Company | RUNNING FOXES PETROLEUM, INC. | | [redacted] until Feb 23, 2010 released |
| Well | STONER # 4-7A-1 | | |
| Field | WILDCAT | | |
| County | VERNON | State | MISSOURI |
| Location: | NE NW NW 300' FNL & 1200' FWL | API #: | Other Services DIL |
| | SEC 7 TWP 36N RGE 33W | | |
| Permanent Datum | GL | Elevation 875' | Elevation K.B. --- D.F. --- G.L. 875' |
| Log Measured From | GL | | |
| Drilling Measured From | GL | | |

| | | | |
|---|---|---|---|
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| Well | STONER # 4-7A-1 | | |
| Field | WILDCAT | | |
| County | VERNON | | |
| State | MISSOURI | | |
| Date | 10-9-08 | | |
| Run Number | ONE | RECEIVED | |
| Depth Driller | 422' | FEB 23 2009 | |
| Depth Logger | 421' | | |
| Bottom Logged Interval | 419' | Mo Oil & Gas Council | |
| Top Log Interval | SURFACE | | |
| Casing Driller | 7" @ 21' | | |
| Casing Logger | 7" @ 21' | | |
| Bit Size | 6.25" | | |
| Type Fluid in Hole | WATER | | |
| Density / Viscosity | | | |
| pH / Fluid Loss | | | |
| Source of Sample | | | |
| Rm @ Meas. Temp | | | |
| Rmf @ Meas. Temp | | | |
| Rmc @ Meas. Temp | | | |
| Source of Rmf / Rmc | | | |
| Rm @ BHT | | | |
| Time Circulation Stopped | | | |
| Time Logger on Bottom | | | |
| Maximum Recorded Temperature | | | |
| Equipment Number | OW1 | | |
| Location | CLEVELAND, OK | | |
| Recorded By | SHELDON TYLER | | |
| Witnessed By | MR. BRATTON | | |

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

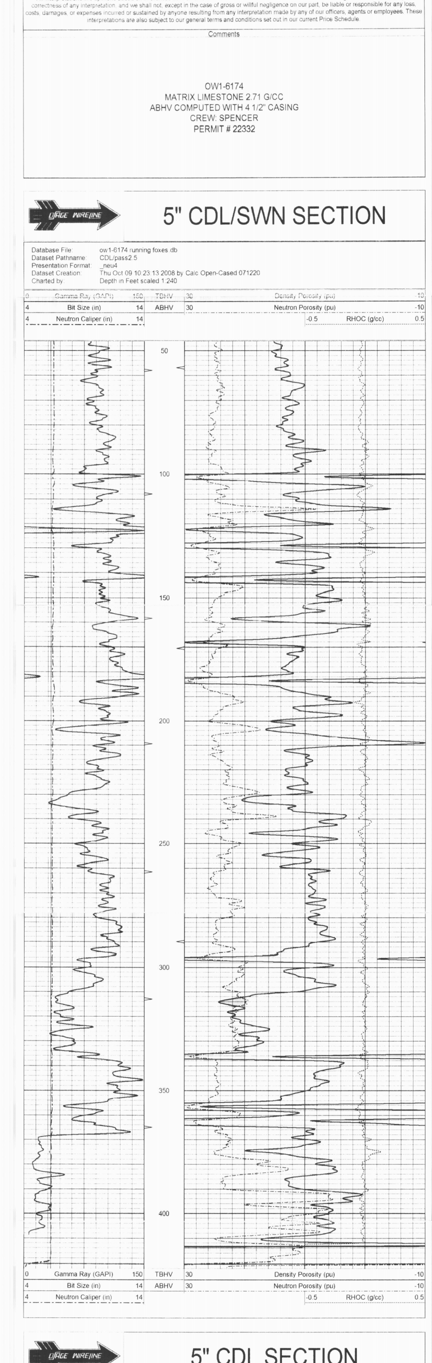
Comments

OW1-6174
MATRIX LIMESTONE 2.71 G/CC
ABHV COMPUTED WITH 4 1/2" CASING
CREW: SPENCER
PERMIT # 22332

## 5" CDL/SWN SECTION

Database File: ow1-6174 running foxes.db
Dataset Pathname: CDL/pass2.5
Presentation Format: _neu4
Dataset Creation: Thu Oct 09 10:23:13 2008 by Calc Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

| | | | | | | |
|---|---|---|---|---|---|---|
| 0 | Gamma Ray (GAPI) | 150 | TBHV | 30 | Density Porosity (pu) | -10 |
| 4 | Bit Size (in) | 14 | ABHV | 30 | Neutron Porosity (pu) | -10 |
| 4 | Neutron Caliper (in) | 14 | | -0.5 | RHOC (g/cc) | 0.5 |

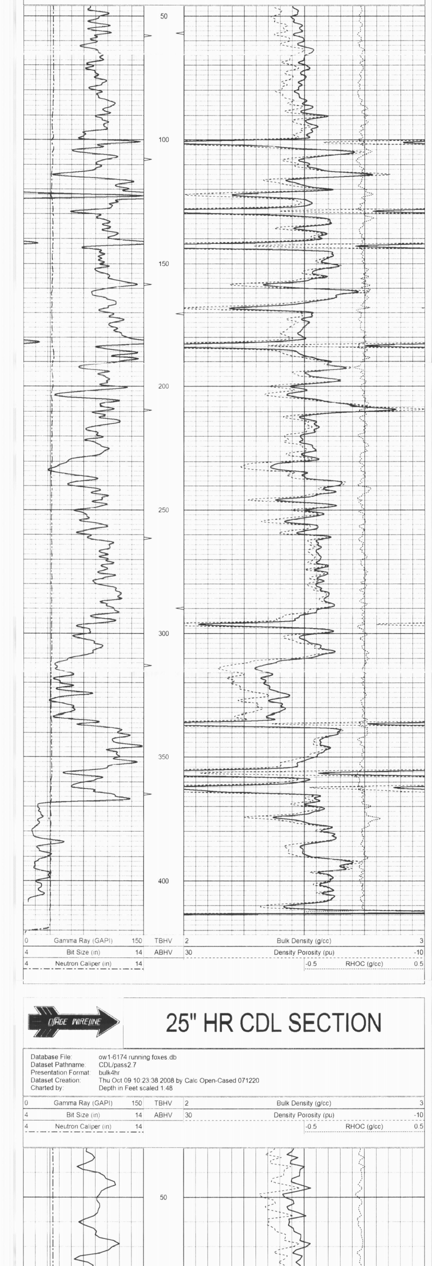


| | | | | | | |
|---|---|---|---|---|---|---|
| 0 | Gamma Ray (GAPI) | 150 | TBHV | 30 | Density Porosity (pu) | -10 |
| 4 | Bit Size (in) | 14 | ABHV | 30 | Neutron Porosity (pu) | -10 |
| 4 | Neutron Caliper (in) | 14 | | -0.5 | RHOC (g/cc) | 0.5 |

## 5" CDL SECTION

Database File: ow1-6174 running foxes.db
Dataset Pathname: CDL/pass2.6
Presentation Format: bulk4
Dataset Creation: Thu Oct 09 10:23:20 2008 by Calc Open-Cased 071220
Charted by: Depth in Feet scaled 1:240

| | | | | | | |
|---|---|---|---|---|---|---|
| 0 | Gamma Ray (GAPI) | 150 | TBHV | 2 | Bulk Density (g/cc) | 3 |
| 4 | Bit Size (in) | 14 | ABHV | 30 | Density Porosity (pu) | -10 |
| 4 | Neutron Caliper (in) | 14 | | -0.5 | RHOC (g/cc) | 0.5 |

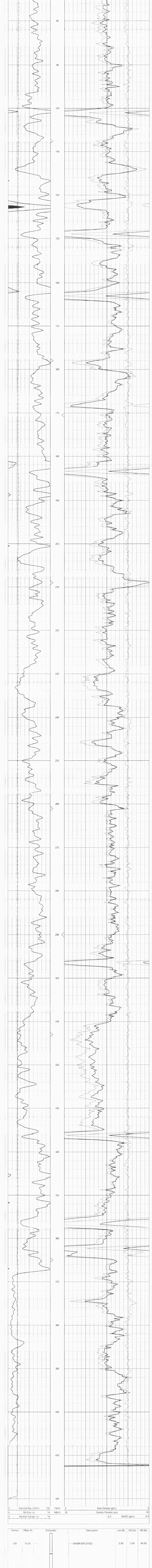


| | | | | | | |
|---|---|---|---|---|---|---|
| 0 | Gamma Ray (GAPI) | 150 | TBHV | 2 | Bulk Density (g/cc) | 3 |
| 4 | Bit Size (in) | 14 | ABHV | 30 | Density Porosity (pu) | -10 |
| 4 | Neutron Caliper (in) | 14 | | -0.5 | RHOC (g/cc) | 0.5 |

## 25" HR CDL SECTION

Database File: ow1-6174 running foxes.db
Dataset Pathname: CDL/pass2.7
Presentation Format: bulk4hr
Dataset Creation: Thu Oct 09 10:23:38 2008 by Calc Open-Cased 071220
Charted by: Depth in Feet scaled 1:48

| | | | | | | |
|---|---|---|---|---|---|---|
| 0 | Gamma Ray (GAPI) | 150 | TBHV | 2 | Bulk Density (g/cc) | 3 |
| 4 | Bit Size (in) | 14 | ABHV | 30 | Density Porosity (pu) | -10 |
| 4 | Neutron Caliper (in) | 14 | | -0.5 | RHOC (g/cc) | 0.5 |



| | | | | | | |
|---|---|---|---|---|---|---|
| 0 | Gamma Ray (GAPI) | 150 | TBHV | 2 | Bulk Density (g/cc) | 3 |
| 4 | Bit Size (in) | 14 | ABHV | 30 | Density Porosity (pu) | -10 |
| 4 | Neutron Caliper (in) | 14 | | -0.5 | RHOC (g/cc) | 0.5 |

| Sensor | Offset (ft) | Schematic | Description | Len (ft) | OD (in) | Wt (lb) |
|---|---|---|---|---|---|---|
| GR | 15.00 | | OHGR-GOI (2122) | 2.50 | 3.50 | 40.00 |
| | | | CDL-GOI (2209) | 6.00 | 4.00 | 150.00 |
| DCAL | 9.75 | | | | | |
| LSD | 9.42 | | | | | |
| SSD | 9.21 | | | | | |
| | | | OHNEU-PROBEOP (SWN-3015) | 7.75 | 4.00 | 120.00 |
| SCAL | 2.04 | | | | | |
| NEU | 1.65 | | | | | |
| SWN | 1.65 | | | | | |

Dataset: ow1-6174 running foxes.db: field/well/CDL/pass2.7
Total Length: 16.25 ft
Total Weight: 310.00 lb
O.D.: 4.00 in