**SUPERIOR WELL SERVICES**

SUPERIOR
Black Lick, Pa.
Mercer, Pa.
Wooster, Ohio
Cleveland, Ok.

RECEIVED
NOV 03 2008
Mo Oil & Gas Council

# LITHO 217-22079
# DENSITY/NEUTRON LOG

| | |
|---|---|
| Company | RUNNING FOXES PETROLEUM, LLC |
| Well | MEEK # 5-5B |
| Field | BUCHANAN-WORDEN |
| County | VERNON |
| State | MISSOURI |

**Company** RUNNING FOXES PETROLEUM, LLC

**Well** MEEK # 5-5B

~~[illegible]~~
Released 11/03/2009

**Field** BUCHANAN-WORDEN

**County** VERNON **State** MISSOURI

**Location:** API #: NA

1860' FNL & 500' FWL

SEC 5 TWP 36N RGE 33W

Other Services
DIL

| | | | |
|---|---|---|---|
| Permanent Datum | GL | Elevation | 899' |
| Log Measured From | GL | | |
| Drilling Measured From | GL | | |

Elevation
K.B. —
D.F. —
G.L. 899'

| | | | |
|---|---|---|---|
| Date | 2-04-2008 | | |
| Run Number | ONE | | |
| Depth Driller | 412' | | |
| Depth Logger | 403' | | |
| Bottom Logged Interval | 401' | | |
| 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 | 9 @ 71 | | |
| Rmf @ Meas. Temp | | | |
| Rmc @ Meas. Temp | | | |
| Source of Rmf / Rmc | | | |
| Rm @ BHT | 75 | | |
| Time Circulation Stopped | | | |
| Time Logger on Bottom | | | |
| Maximum Recorded Temperature | 75 | | |
| Equipment Number | 182 | | |
| Location | HOMINY, 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

CREW: CARTER, WOODS
182-11609 RUNNING
THANK YOU!
PERMIT # 22079

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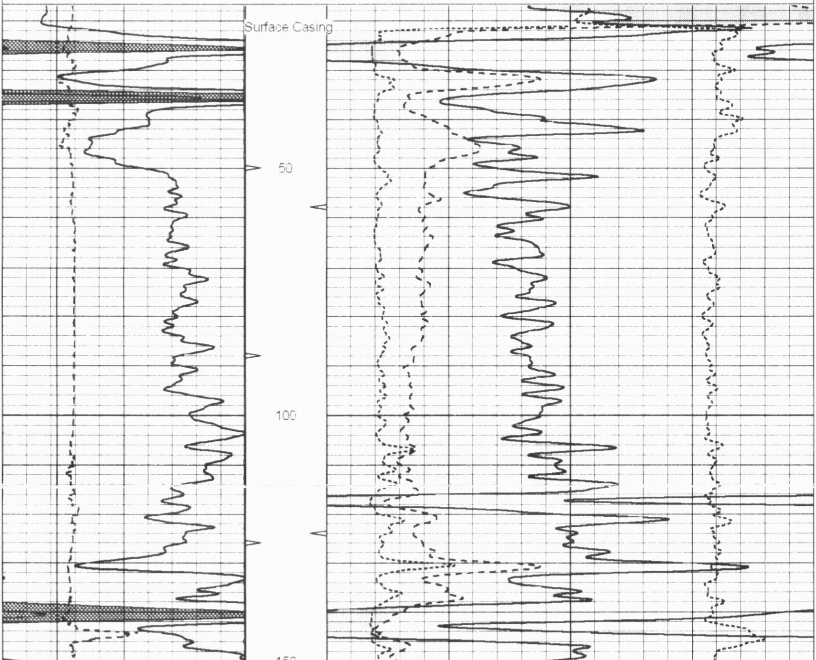
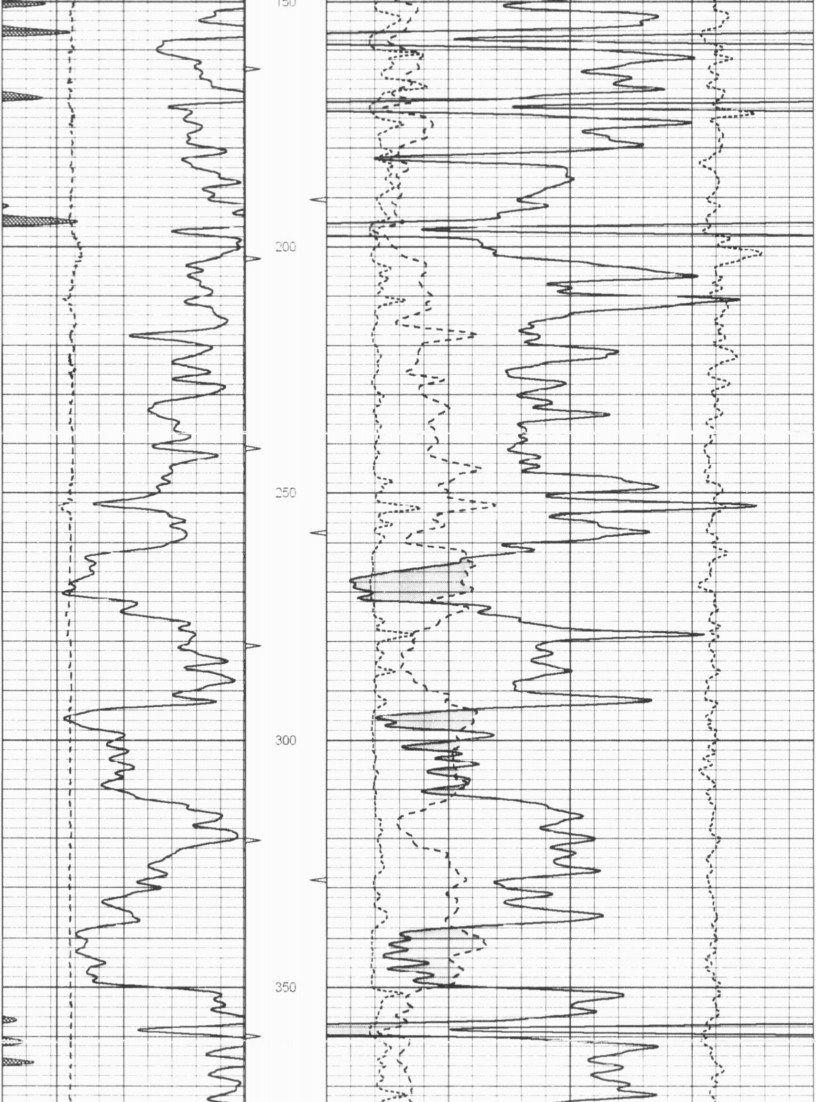
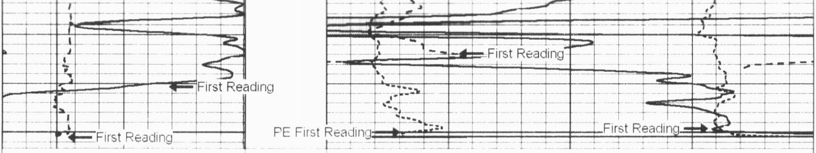
# 5" LITHO/N SECTION

| | |
|---|---|
| Database File: | 182-11909 running foxes.db |
| Dataset Pathname: | LDT/pass2.1 |
| Presentation Format: | _pe4neut |
| Dataset Creation: | Mon Feb 04 09:27:47 2008 by Calc Open-Cased 060327 |
| Charted by: | Depth in Feet scaled 1:240 |

| | | |
|---|---|---|
| 0 Gamma Ray (GAPI) 150 | TBHV | 30 DPOR (pu) -10 |
| 4 Bit Size (in) 14 | 0 (ft3) 5 | 0 PE 10 -0.5 RHOC (g/cc) 0.5 |
| 4 DCAL (in) 14 | ABHV | 30 NPOR (pu) -10 |
| 10000 LTEN (lb) 0 | 5 (ft3) 0 | NPOR |







0 Gamma Ray (GAPI) 150 | TBHV | 30 DPOR (pu) -10
4 Bit Size (in) 14 | 0 (ft3) 5 | 0 PE 10 | -0.5 RHOC (g/cc) 0.5
4 DCAL (in) 14 | ABHV | 30 NPOR (pu) -10
10000 LTEN (lb) 0 | 5 (ft3) 0 | NPOR

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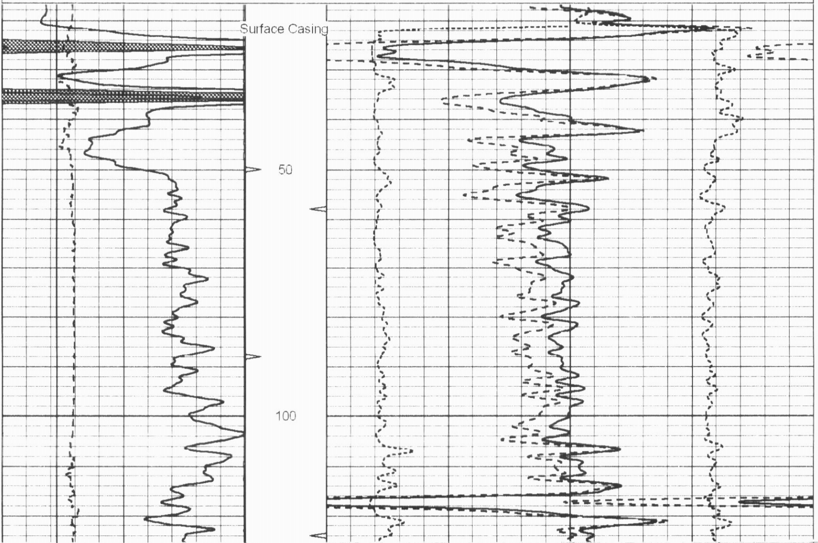
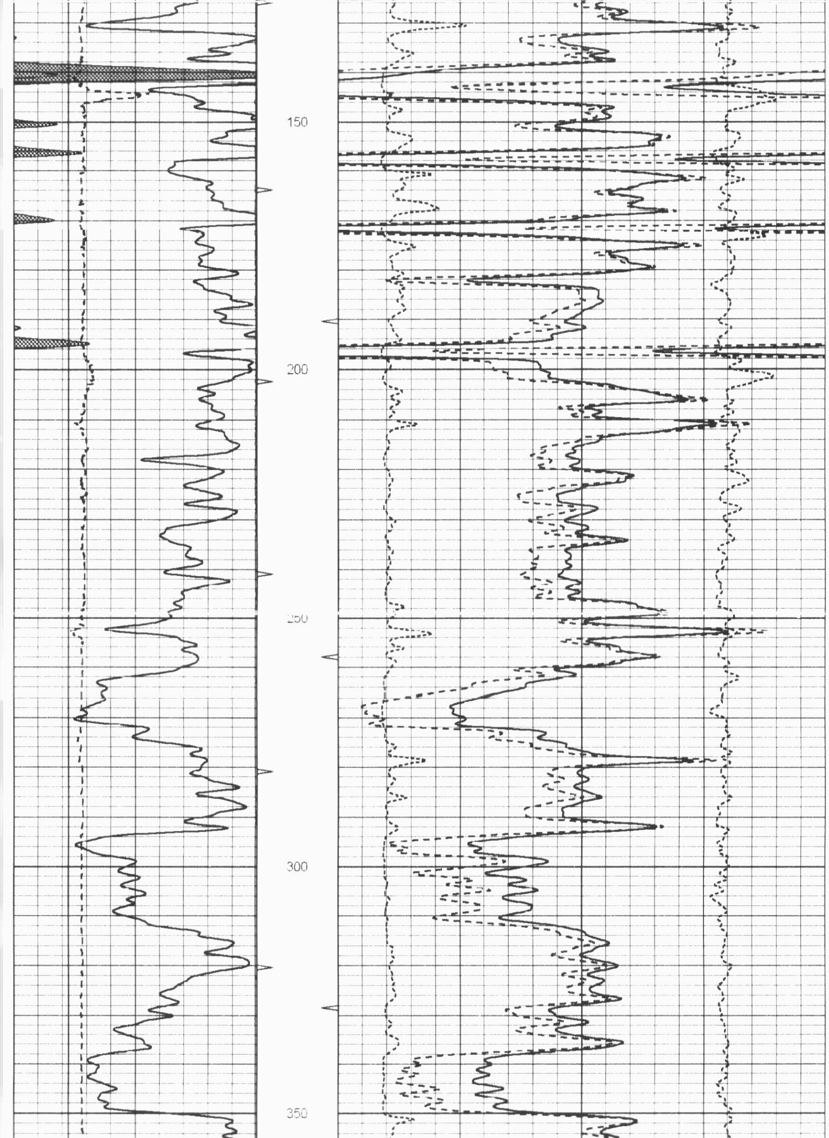
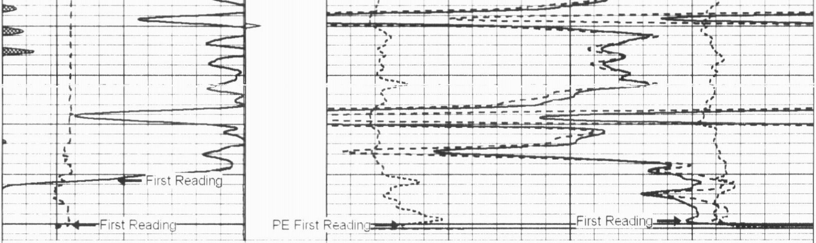
# 5" LITHO SECTION

| | |
|---|---|
| Database File: | 182-11909 running foxes.db |
| Dataset Pathname: | LDT/pass2.2 |
| Presentation Format: | _pe4bulk |
| Dataset Creation: | Mon Feb 04 09:28:15 2008 by Calc Open-Cased 060327 |
| 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 DPOR (pu) -10
4 DCAL (in) 14 | 0 PE 10 | -0.5 RHOC (g/cc) 0.5
10000 LTEN (lb) 0







|  |  |  |
|---|---|---|
| 0 Gamma Ray (GAPI) 150 | TBHV | 2 Bulk Density (g/cc) 3 |
| 4 Bit Size (in) 14 | ABHV | 30 DPOR (pu) -10 |
| 4 DCAL (in) 14 |  | 0 PE 10 \| -0.5 RHOC (g/cc) 0.5 |
| 10000 LTEN (lb) 0 |  |  |

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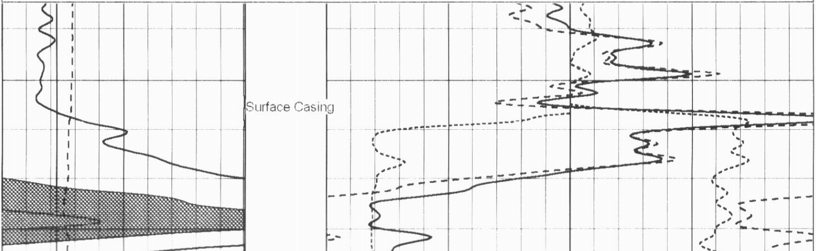
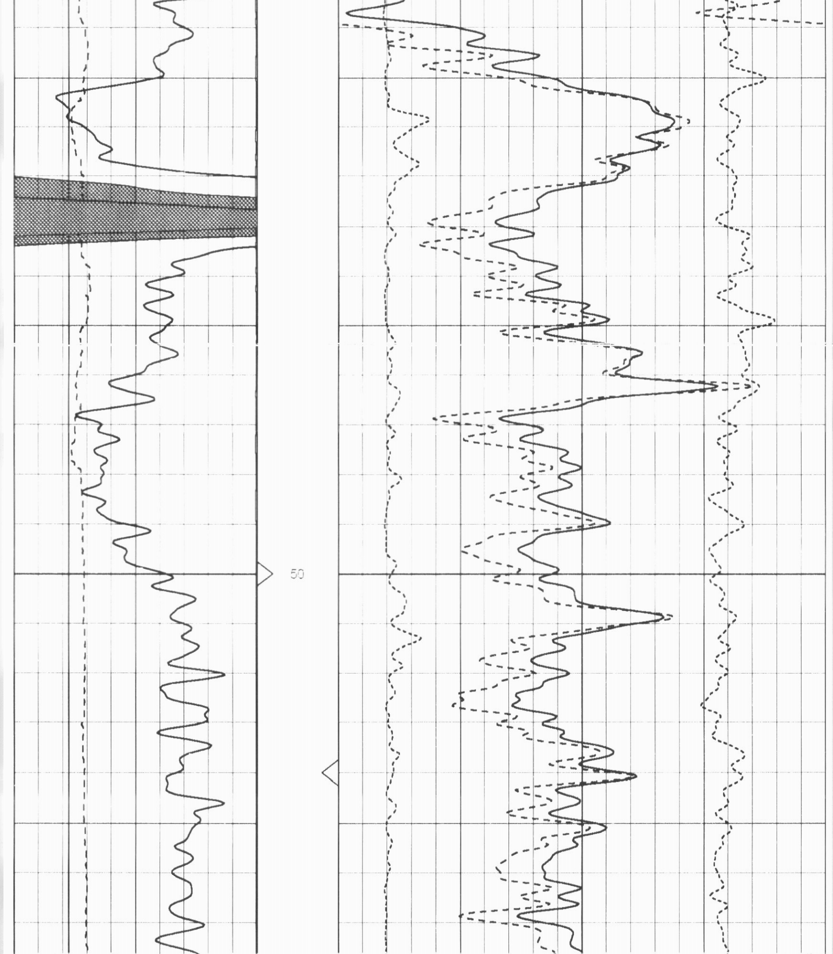
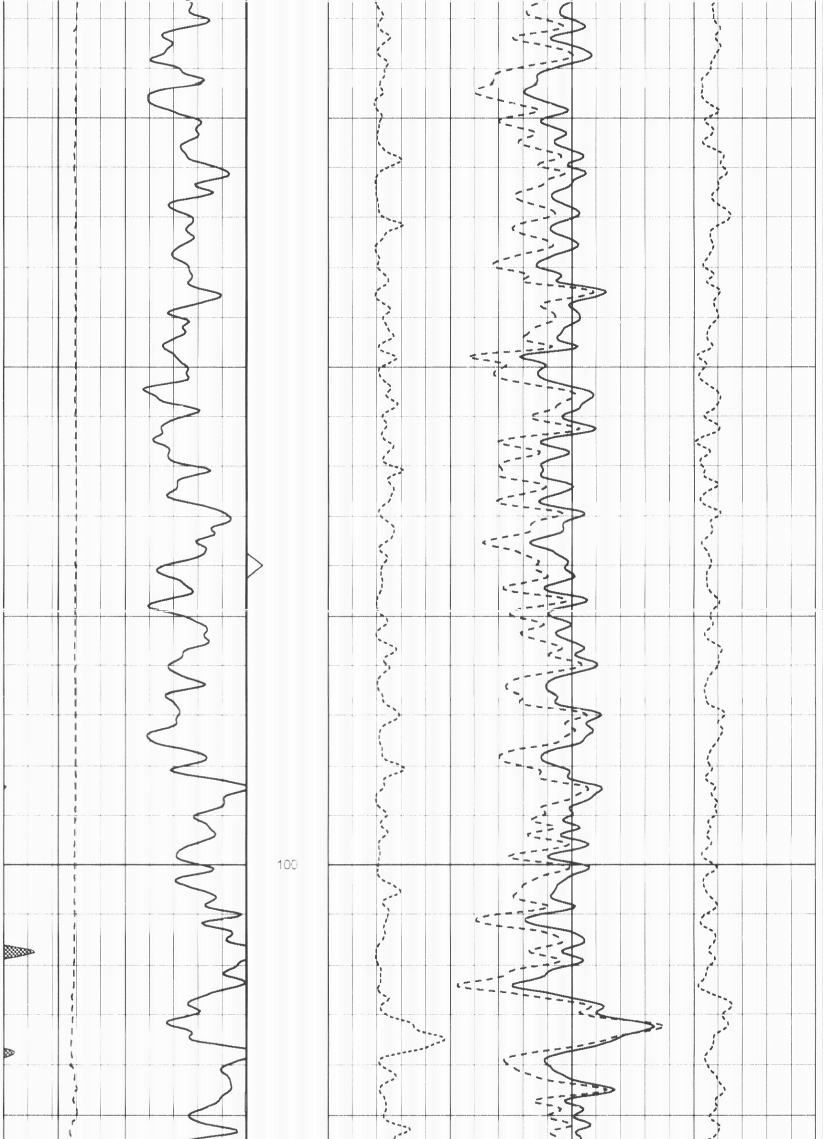
# 25" HR LITHO SECTION

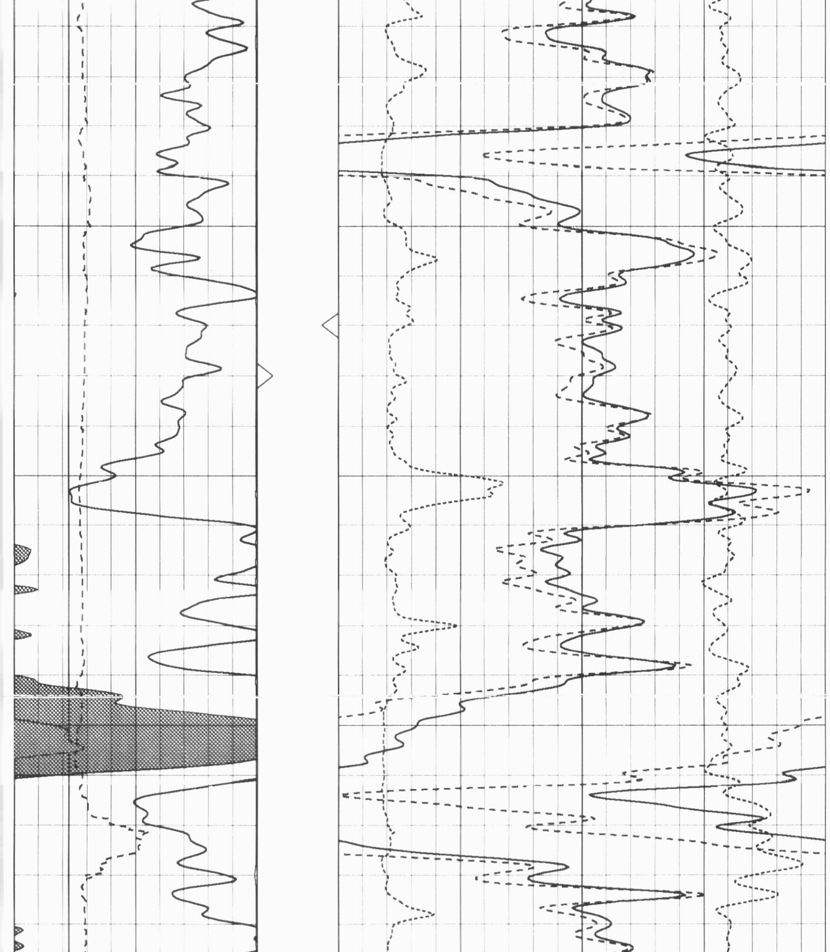
Database File: 182-11909 running foxes.db
Dataset Pathname: LDT/pass2.3
Presentation Format: _pe4bulk
Dataset Creation: Mon Feb 04 09:28:44 2008 by Calc Open-Cased 060327
Charted by: Depth in Feet scaled 1:48

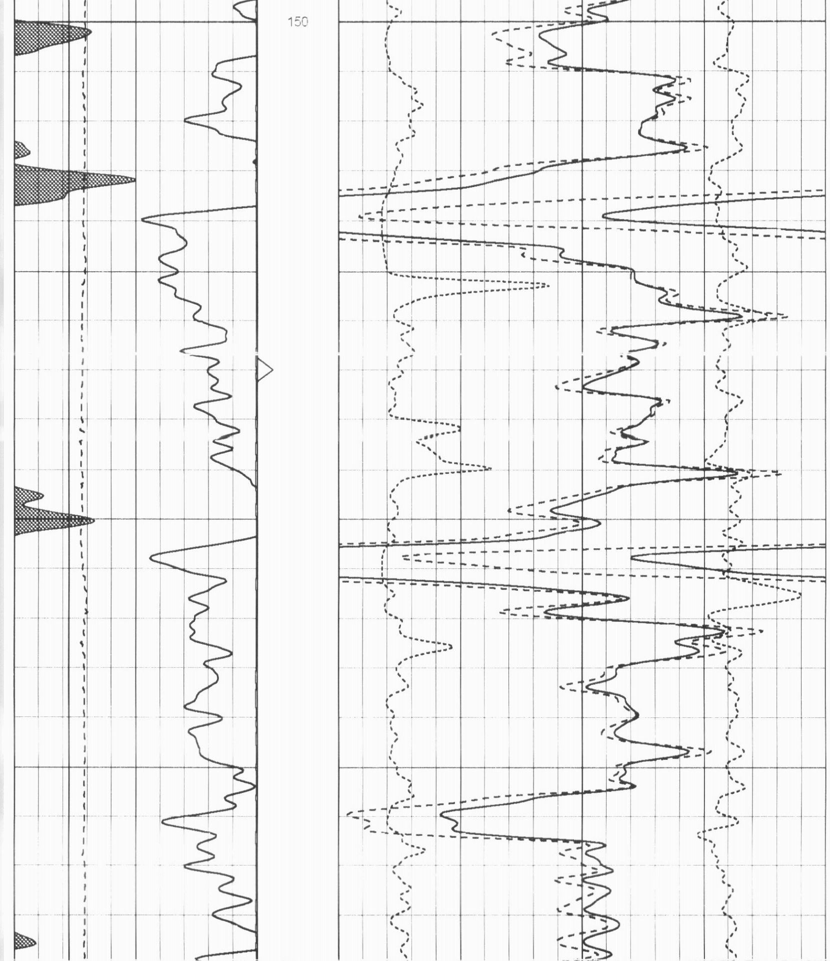
|  |  |  |
|---|---|---|
| 0 Gamma Ray (GAPI) 150 | TBHV | 2 Bulk Density (g/cc) 3 |
| 4 Bit Size (in) 14 | ABHV | 30 DPOR (pu) -10 |
| 4 DCAL (in) 14 |  | 0 PE 10 \| -0.5 RHOC (g/cc) 0.5 |
| 10000 LTEN (lb) 0 |  |  |

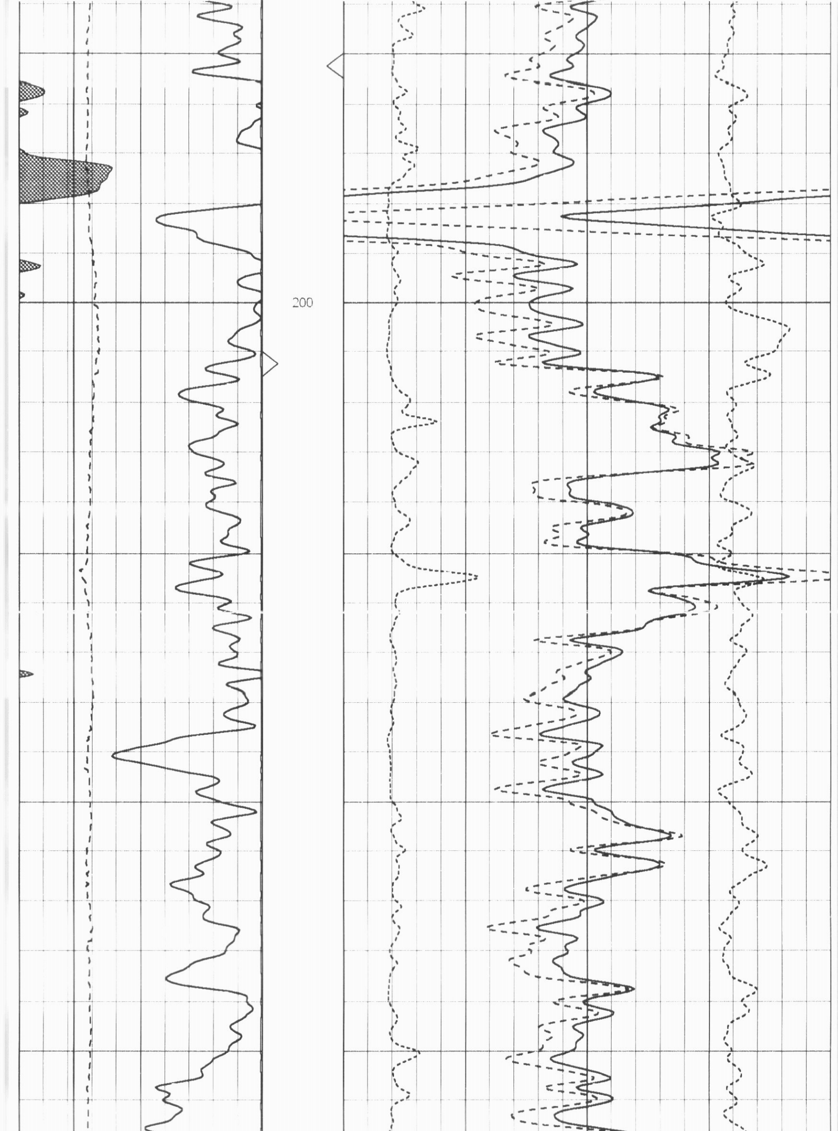


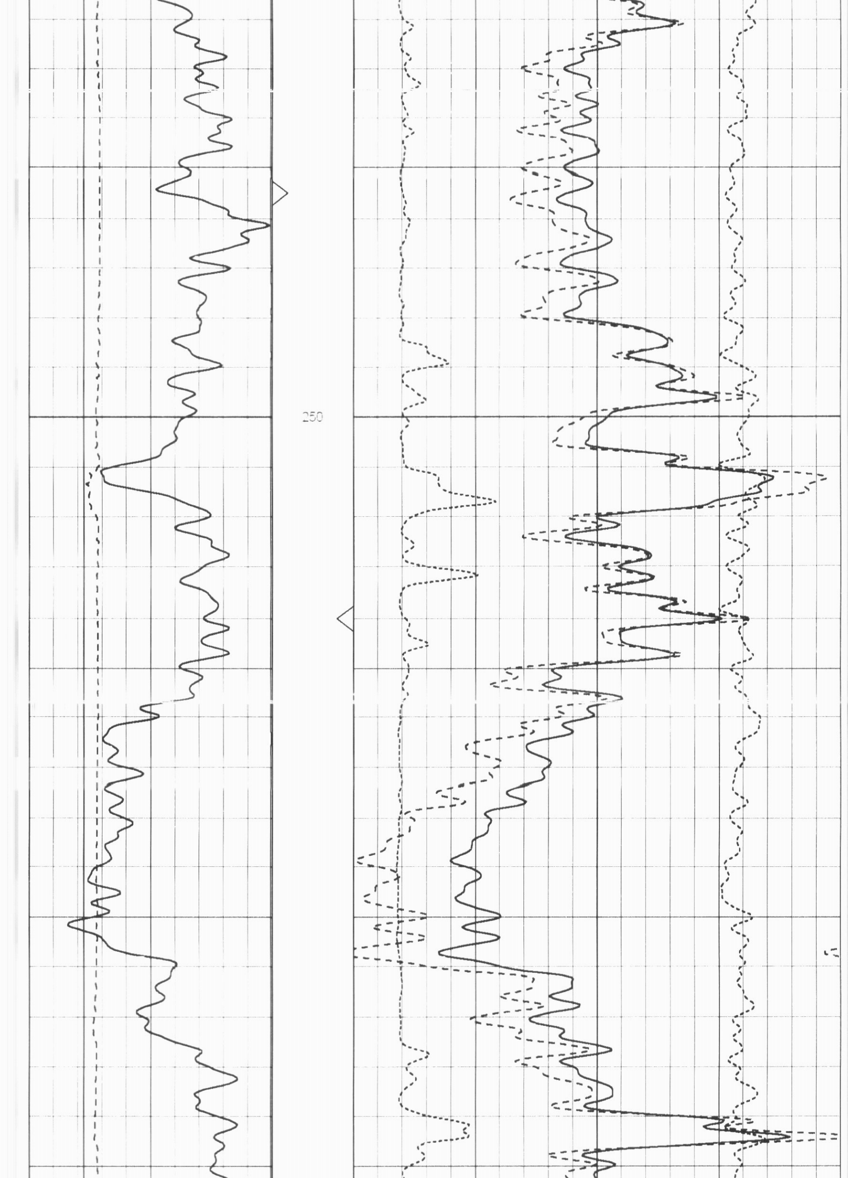


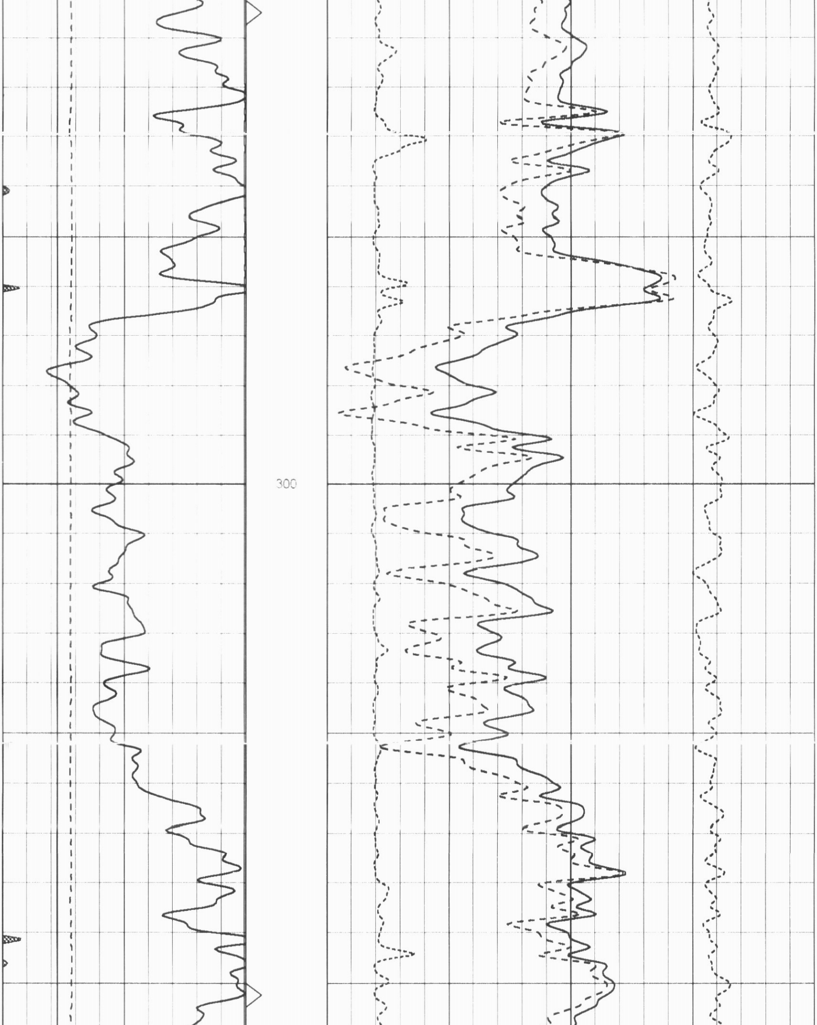


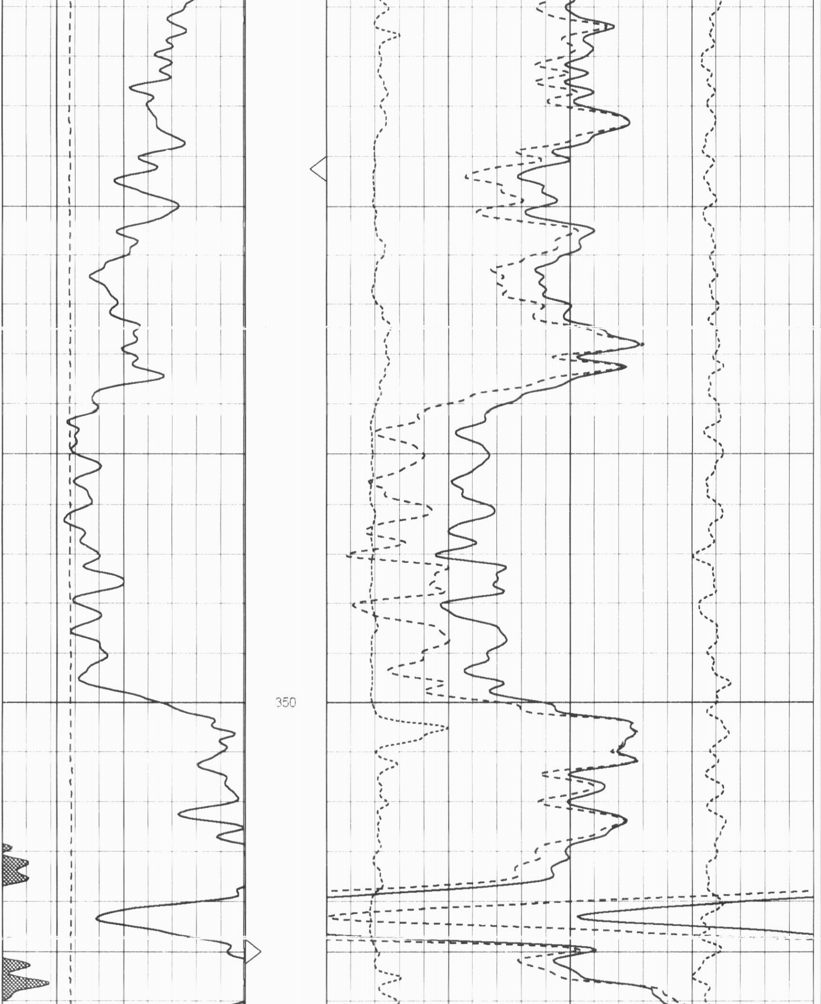


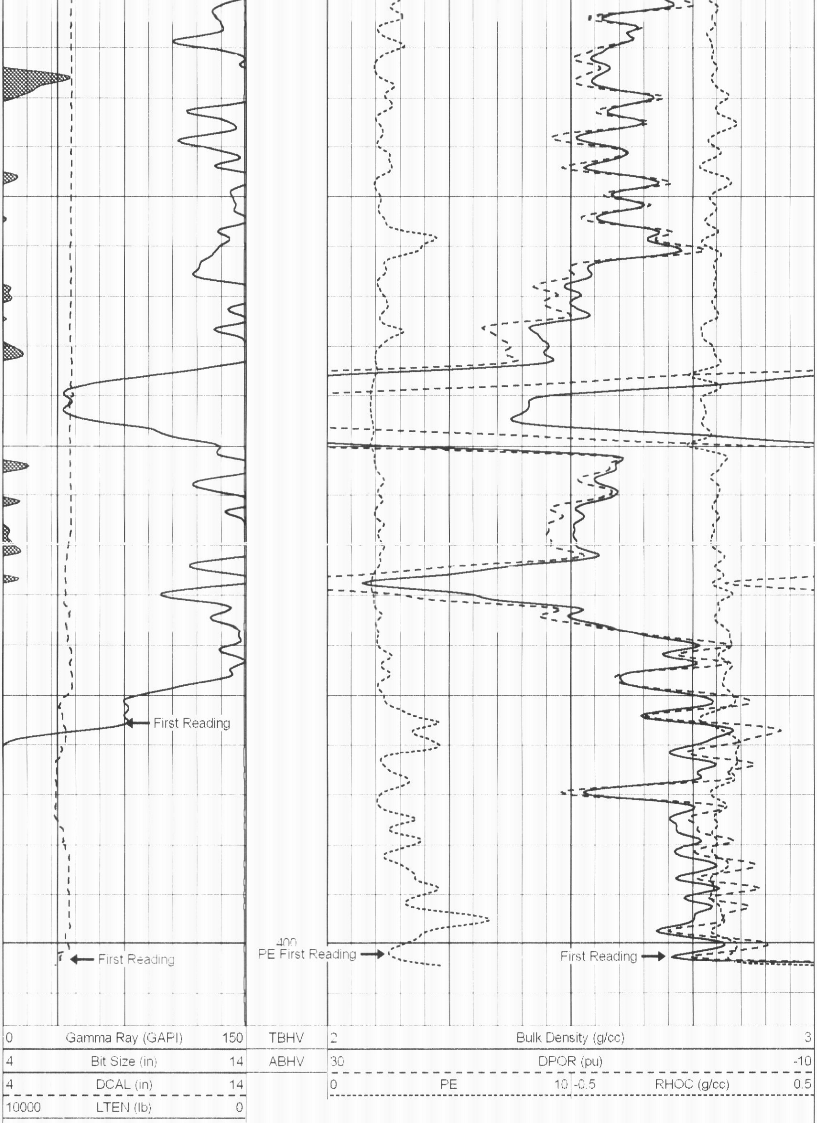


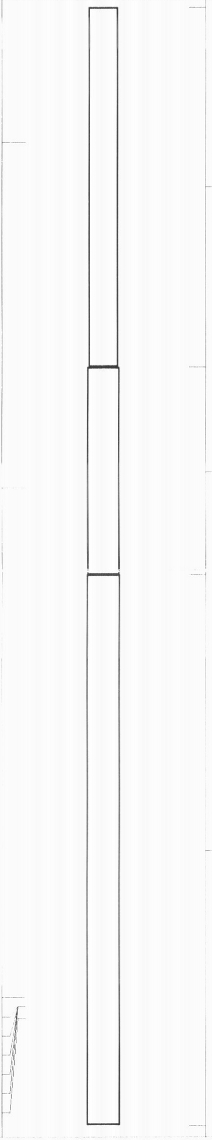










| Sensor | Offset (ft) | Schematic | Description | Len (ft) | OD (in) | Wt (lb) |
|---|---|---|---|---|---|---|
| NEU | 17.80 |  | | | | |
| | | | OHNEU-PROBEOP (5119-17N) | 6.50 | 3.25 | 80.00 |
| | | | OHGR-ADDON (040105) | 3.75 | 3.50 | 30.00 |
| GR | 11.58 | | | | | |
| | | | LDT-PRB (9504) | 10.00 | 3.63 | 200.00 |
| DCAL | 2.33 | | | | | |
| W1 | 2.17 | | | | | |
| W2 | 2.17 | | | | | |
| W3 | 2.17 | | | | | |
| W4 | 2.17 | | | | | |
| Q | 2.17 | | | | | |
| SSD | 1.96 | | | | | |

Dataset: 182-11909 running foxes.db: field/well/LDT/pass2.3
Total Length: 20.25 ft
Total Weight: 310.00 lb
O.D. 3.63 in