CORNISH WIRELINE SERVICES, INC. CHANUTE, KANSAS

# GAMMA RAY NEUTRON COMPLETION LOG

| | |
|---|---|
| Company | TAILWATER, INC. |
| Well | WITTMAN #10-T |
| Field | GARNETT SHOESTRING |
| County | ANDERSON |
| State | KANSAS |

| | | | | | |
|---|---|---|---|---|---|
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| Well | WITTMAN #10-T | | | | |
| Field | GARNETT SHOESTRING | | | | |
| County | ANDERSON | State | KANSAS | | |
| Location | SEC 16 TWP 20S RGE 20E | | | | |
| | 495 FSL & 990 FEL | | | | |
| | Lat = 38.4203333 Long = -95.0408333 | | | | Datum: NAD83 |
| Elevation | GL 0 ft KB 0 ft DF 0 ft | | | | Elevation: WGS84 |
| Log Measured From | GL | | | | 0 ft Above Perm. Datum |
| Drilling Measured From | GL | | | | |

| | |
|---|---|
| Run Number | 1 |
| Date | 7-25-12 |
| Depth Driller | 1184' |
| Depth Logger | 1184' |
| Top Log Interval | 0 |
| Bottom Log Interval | 777 |
| Casing Driller | 11 |
| Casing Logger | 11 |
| Bit Size | 5 7/8" |
| Type Fluid in Hole | FULL |
| Dens. Visc. | 9.0 / 40 |
| PH / Fluid Loss | 10 / 0 |
| Source of Sample | Circulated |
| Rm @ Measured Temp | 0 @ 0 |
| Rmf @ Measured Temp | 0 @ 0 |
| Rmc @ Measured Temp | 0 @ 0 |
| Source: Rmf / Rmc | Calculated / Calculated |
| Rm @ BHT | 0 @ 0 |
| Max. Recorded Temp | 0 |
| Equipment Number | SCL/GCM/CL 5 |
| Location | NOV/HOBBS, S |
| Recorded By | |
| Witnessed By | |

*** Fold Here ***

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.

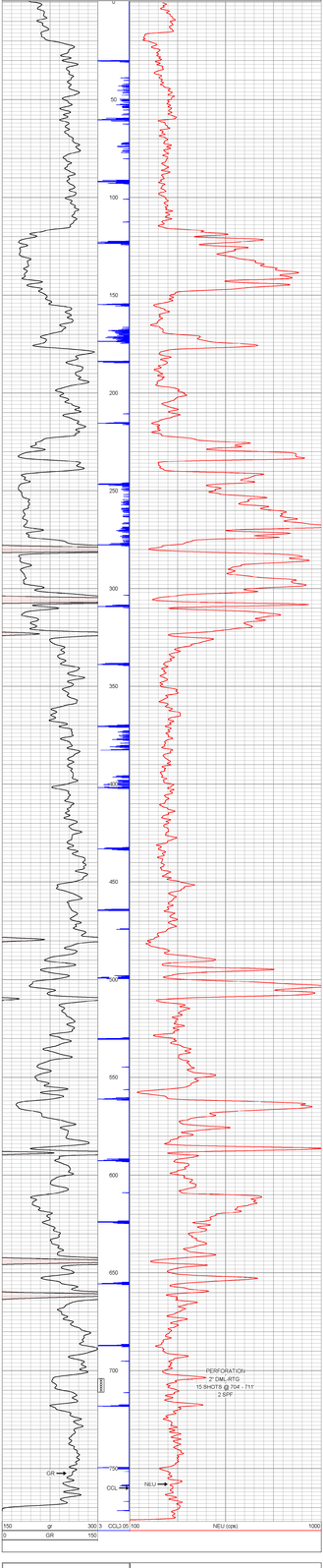
Comments

THANK YOU

| Sensor | Offset (ft) | Schematic | Description | Len (ft) | OD (in) | Wt (lb) |
|---|---|---|---|---|---|---|
| GR | 7.61 | | GR-TITAN_169 (TIT169_001)<br>"Titan 1 11/16" Gamma Ray | 4.75 | 1.69 | 20.00 |
| CCL | 5.05 | | CCL-TITAN_169 (TIT169)<br>"Titan 1 11/16" Logging CCL | 1.83 | 1.69 | 7.50 |
| NEU | 0.63 | | NEU-TITAN (TITS01)<br>"TITAN 1 11/16" Neutron | 4.33 | 1.69 | 25.00 |

Dataset: wittman #10-t db: field/wellrun1/pass1
Total Length: 10.92 ft
Total Weight: 52.50 lb
O.D: 1.69 in

Database File: g:\wittman #10-t.db
Dataset Pathname: pass1
Presentation Format: gr-n-ccl
Dataset Creation: Wed Jul 25 12:54:46 2012 by Log SCH 110930
Charted by: Depth in Feet scaled 1:240

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