



GAMMA RAY
NEUTRON
COMPLETION LOG

| | | | |
|------------------------|--------------------|--------------------------------------|--------------------|
| Company | TAILWATER, INC. | Company | TAILWATER, INC. |
| Well | WITTMAN #13-T | Well | WITTMAN #13-T |
| Field | GARNETT SHOESTRING | Field | GARNETT SHOESTRING |
| County | ANDERSON | County | ANDERSON |
| State | KANSAS | State | KANSAS |
| Location: | | API #: 15-003-25334-00-00 | |
| SEC 16 TWP 20S RGE 20E | | 165' FSU & 1155' FEU S/M/SW/SE/SE | |
| Permanent Datum | GL | Elevation | 994' EST |
| Log Measured From | GL | K.B. | D.F. |
| Drilling Measured From | GL | G.L. | 994' EST. |
| Date | 7-25-12 | Other Services | |
| Run Number | 1 NW | | |
| Depth Driller | 790' | | |
| Depth Logger | 774' | | |
| Top Log Interval | 0 | | |
| Bottom Logged Interval | 774' | | |
| Fluid Level | FULL | | |
| Type Fluid | WATER | | |
| Production Casing | 2 7/8" @ TD | | |
| Max. Recorded Temp | | | |
| Estimated Cement Top | | | |
| Calculated Cement Top | | | |
| Amount & Type Cement | | | |
| Drilling Contractor | | | |
| Equipment Number | 103 | | |
| Location | | | |
| Recorded By | SOLOMON, B. | | |
| Witnessed By | HUTCHINSON, D. | | |

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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

THANK YOU

| Sensor | Offset (ft) | Schematic | Description | Len (ft) | OD (in) | Wt (lb) |
|--------|-------------|-----------|---|----------|---------|---------|
| GR | 7.61 | | GR-TITAN_169 (TIT169_001) Titan 1 11/16" Gamma Ray | 4.75 | 1.69 | 20.00 |
| CCL | 5.05 | | CCL-TITAN_169 (TIT169) Titan 1 11/16" Logging CCL | 1.83 | 1.69 | 7.50 |
| NEU | 0.63 | | NEU-TITAN (TIT801) TITAN 1 11/16" Neutron | 4.33 | 1.69 | 25.00 |

Dataset: wittman #13-t.db: field/well/run/1/pass2
Total Length: 10.92 ft
Total Weight: 52.50 lb
O.D.: 1.69 in

Database File: g:\wittman #13-t.db
Dataset Pathname: pass2
Presentation Format: gr-n-ccl
Dataset Creation: Wed Jul 25 09:19:14 2012 by Log SCH 110930
Charted by: Depth in Feet scaled 1:240

