**CORNISH**
WIRELINE SERVICES, INC.
CHANUTE, KANSAS

# GAMMA RAY CEMENT BOND COMPLETION LOG

| | |
|---|---|
| Company | POSTROCK ENERGY CORP. |
| Well | OLSON, RUBY A. #2-13 |
| Field | CHEROKEE BASIN CBM |
| County | WILSON |
| State | KANSAS |

Location: API #: 15-205-28142-00-00
870' FSL & 1840' FWL
SE NW SE SW
SEC 2 TWP 28S RGE 16E

Other Services
OPEN HOLE
4-24-2013

| | | | |
|---|---|---|---|
| Permanent Datum | GL | Elevation | 1049' |
| Log Measured From | GL | | |
| Drilling Measured From | GL | | |

Elevation
K.B.
D.F.
G.L. 1049'

| | | | |
|---|---|---|---|
| Date | 4 30-2013 | | |
| Run Number | 1 NW | | |
| Depth Driller | 1220' | | |
| Depth Logger | 1210.1' | | |
| Top Log Interval | 0 | | |
| Bottom Logged Interval | 1205.1' | | |
| Fluid Level | FULL | | |
| Type Fluid | WATER | | |
| Production Casing | 5.5" @ TD | @ | @ |
| Max. Recorded Temp. | | | |
| Estimated Cement Top | | | |
| Calculated Cement Top | | | |
| Amount & Type Cement | | | |
| Amount & Type Admix | | | |
| Drilling Contractor | | | |
| Equipment Number | 105 | | |
| Location | | | |
| Recorded By | GORMLEY R. | | |
| Witnessed By | HAYS R. | | |

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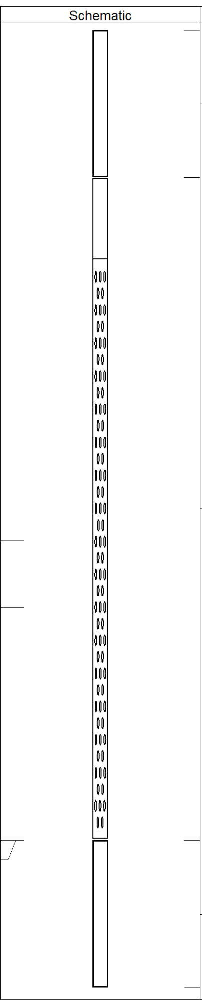
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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

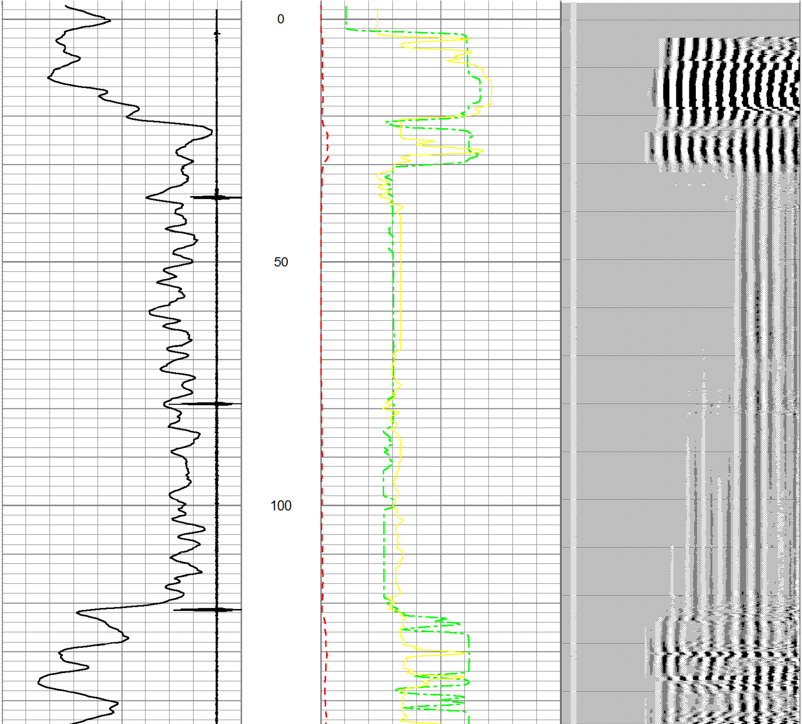


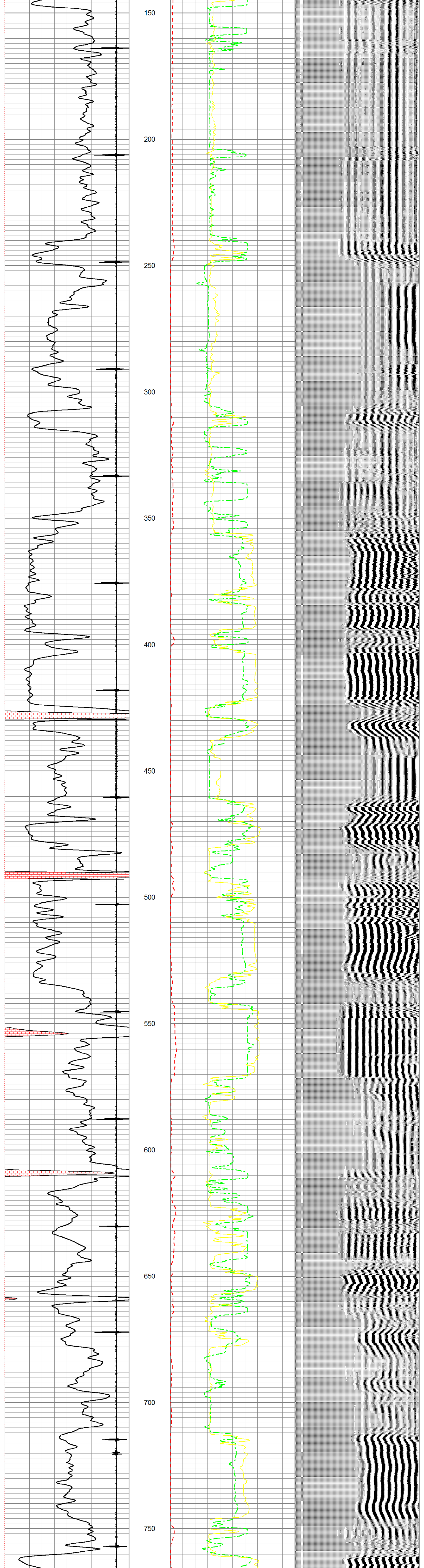
| Sensor | Offset (ft) | Description | Len (ft) | OD (in) | Wt (lb) |
|---|---|---|---|---|---|
| | | tekco<br>tekco cent. | 2.17 | 1.69 | 5.00 |
| WVF3FT | 6.58 | CBLTEKCO-TEKCO2RCVR (TEKCO169)<br>1 11/16" TEKCO 2 RCVR DELWARE | 9.75 | 1.69 | 50.00 |
| WVF5FT | 5.58 | | | | |
| WVFCAL | 2.17 | | | | |
| WVFSYNC | 2.17 | | | | |
| | | tekco<br>tekco cent. | 2.17 | 1.69 | 5.00 |

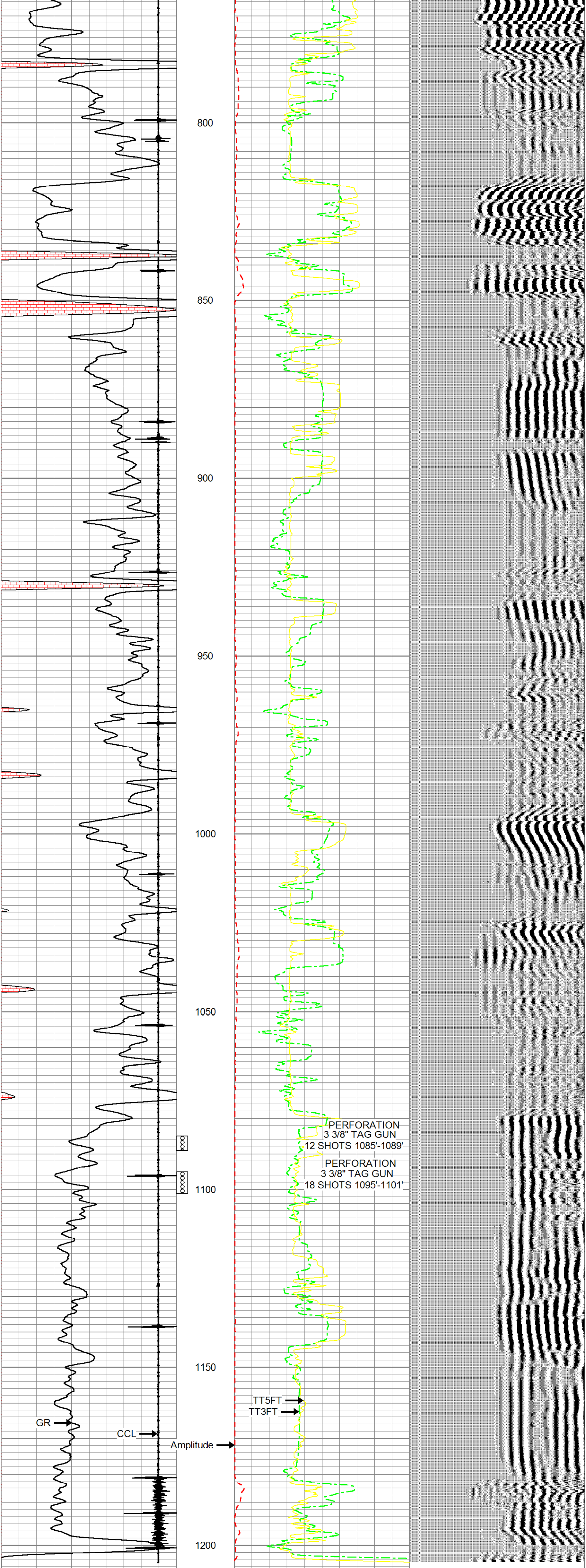
Dataset: olson ruby a #2-13db.db: field/well/run1/pass3MERGE
Total Length: 14.08 ft
Total Weight: 60.00 lb
O.D. 1.69 in

Database File: olson ruby a #2-13db.db
Dataset Pathname: pass3MERGE
Presentation Format: scbl_dr
Dataset Creation: Tue Apr 30 10:07:16 2013
Charted by: Depth in Feet scaled 1:240

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 9 | CCL | -1 | 0 | Amplitude (mV) | 150 | 250 | VDL | 1200 |
| 0 | GR | 150 | 1100 | TT3FT (usec) | 200 | | | |
| 150 | gr | 300 | 1800 | TT5FT (usec) | 200 | | | |







| | | | | | | | | |
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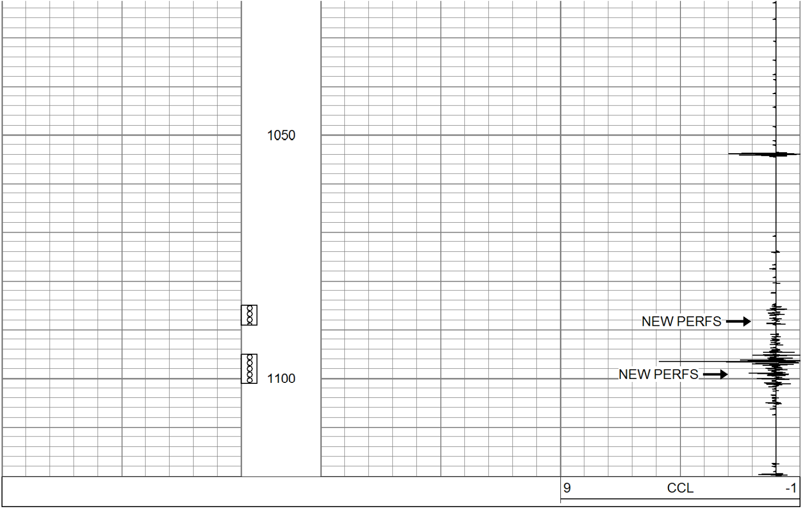
| 0 | GR | 150 | 1100 | TT3FT (usec) | 200 | | | |
| 150 | gr | 300 | 1800 | TT5FT (usec) | 200 | | | |

| | |
|---|---|
| Database File: | olson ruby a #2-13db.db |
| Dataset Pathname: | pass3MERG |
| Presentation Format: | ccl |
| Dataset Creation: | Tue Apr 30 10:45:00 2013 by Log Std Casedhole 07122 |
| Charted by: | Depth in Feet scaled 1:240 |

9 CCL -1



9 CCL -1

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*CHANUTE, KANSAS*

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| Well | OLSON, RUBY A. #2-13 | | |
| Field | CHEROKEE BASIN CBM | | |
| County | WILSON SECTION 2 TWP 28S RGE 16E | | |
| State | KANSAS | Date | 4 30-2013 |