LONE WOLF
Wireline, Inc

# CEMENT BOND LOG
# GAMMA / RAY
# CCL

| | |
|---|---|
| Company | ENCANA OIL & GAS (USA) INC. |
| Well | CANYON CREEK 34-13 |
| Field | WATTENBERG |
| County | BOULDER |
| State | COLORADO |

Company ENCANA OIL & GAS (USA) INC.

Well CANYON CREEK 34-13

Field WATTENBERG

County BOULDER State COLORADO

Location: API # : 05013063100000
SHL: 2060' FSL & 2159' FEL
BHL: 510' FSL & 2015' FEL
SEC 13 TWP 1N RGE 69W

Other Services
NONE

| | | | |
|---|---|---|---|
| Permanent Datum | GROUND LEVEL | Elevation 5058' | Elevation |
| Log Measured From | KELLY BUSHING | =13' | K.B. 5074' |
| Drilling Measured From | KELLY BUSHING | | D.F. 5073' |
| | | | G.L. 5058' |

| | |
|---|---|
| Date | JULY-21-2012 |
| Run Number | ONE |
| Depth Driller | 8590' |
| Depth Logger | 8520' |
| Bottom Logged Interval | 8520' |
| Top Log Interval | 3450' |
| Open Hole Size | 7.875" |
| Type Fluid | WATER |
| Density / Viscosity | ~8.3# |
| Max. Recorded Temp. | 250 DEG.F |
| Estimated Cement Top | 3690' |
| Time Well Ready | R.O.A. |
| Time Logger on Bottom | N/A |
| Equipment Number | 142 |
| Location | GRAND JUNCTION |
| Recorded By | R.RODRIGUEZ |
| Witnessed By | T.MAJORS |

Borehole Record

| Run Number | Bit | From | To |
|---|---|---|---|
| ONE | 12.25" | 0 | 790' |
| TWO | 8.625" | 790' | 8611' |

Tubing Record

| Size | Weight | From | To |
|---|---|---|---|
| | | | |

| Casing Record | Size | Wgt/Ft | Top | Bottom |
|---|---|---|---|---|
| Surface String | 8.625" | 24# | | |
| Prot. String | | | | |
| Production String | 4.5" | 11.6# | | |
| Liner | | | | |

<<< 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

LOG NOT CORRELATED TO ANY OTHER LOG

SHORT JOINT @ 7527' - 7548'

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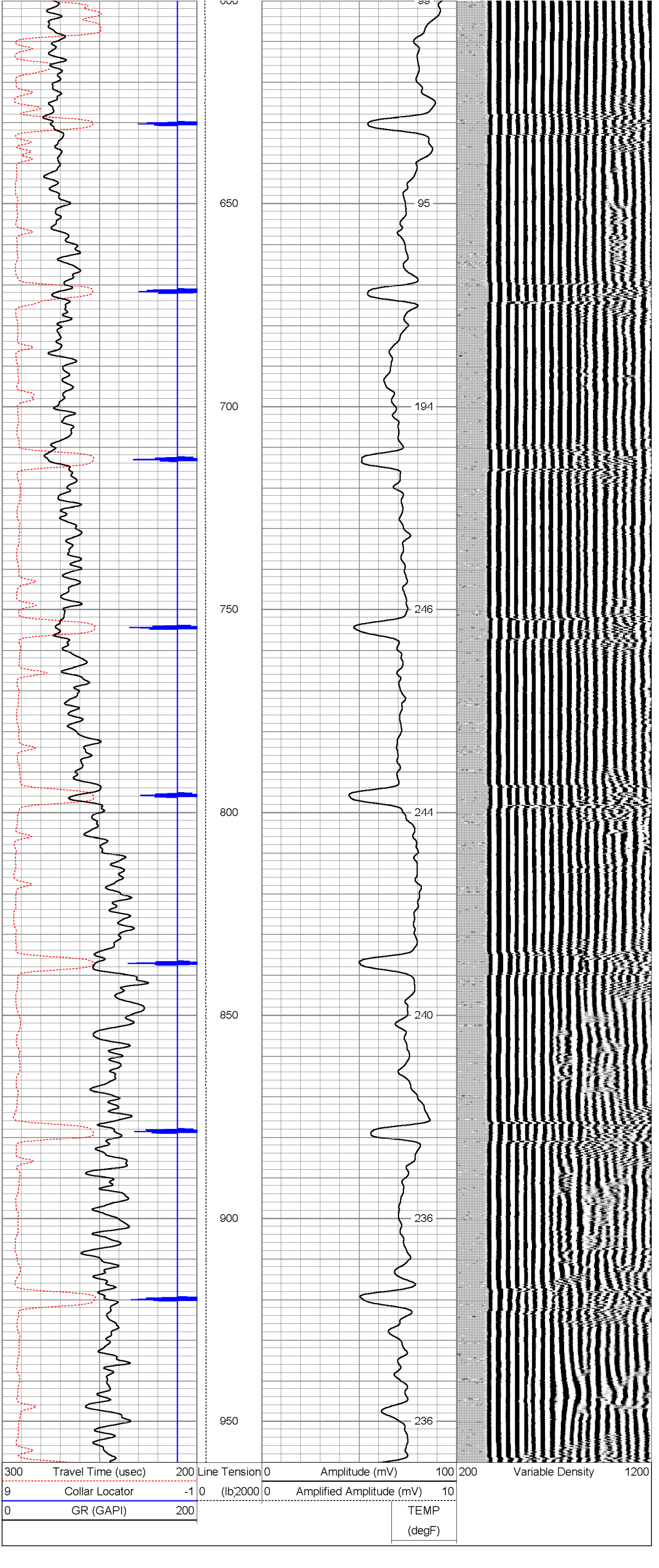
## TOP PASS 5" = 100'

| | |
|---|---|
| Database File: | canyoncreek34-13.db |
| Dataset Pathname: | pass10 |
| Presentation Format: | cbldig |
| Dataset Creation: | Sat Jul 21 13:36:37 2012 by Log SCH 120430 |
| Charted by: | Depth in Feet scaled 1:240 |

| | | | |
|---|---|---|---|
| 300 Travel Time (usec) 200 | Line Tension | 0 Amplitude (mV) 100 | 200 Variable Density 1200 |
| 9 Collar Locator -1 | 0 (lb) 2000 | 0 Amplified Amplitude (mV) 10 | |
| 0 GR (GAPI) 200 | | TEMP (degF) | |



| | | | |
|---|---|---|---|
| 300 Travel Time (usec) 200 | Line Tension | 0 Amplitude (mV) 100 | 200 Variable Density 1200 |
| 9 Collar Locator -1 | 0 (lb) 2000 | 0 Amplified Amplitude (mV) 10 | |
| 0 GR (GAPI) 200 | | TEMP (degF) | |

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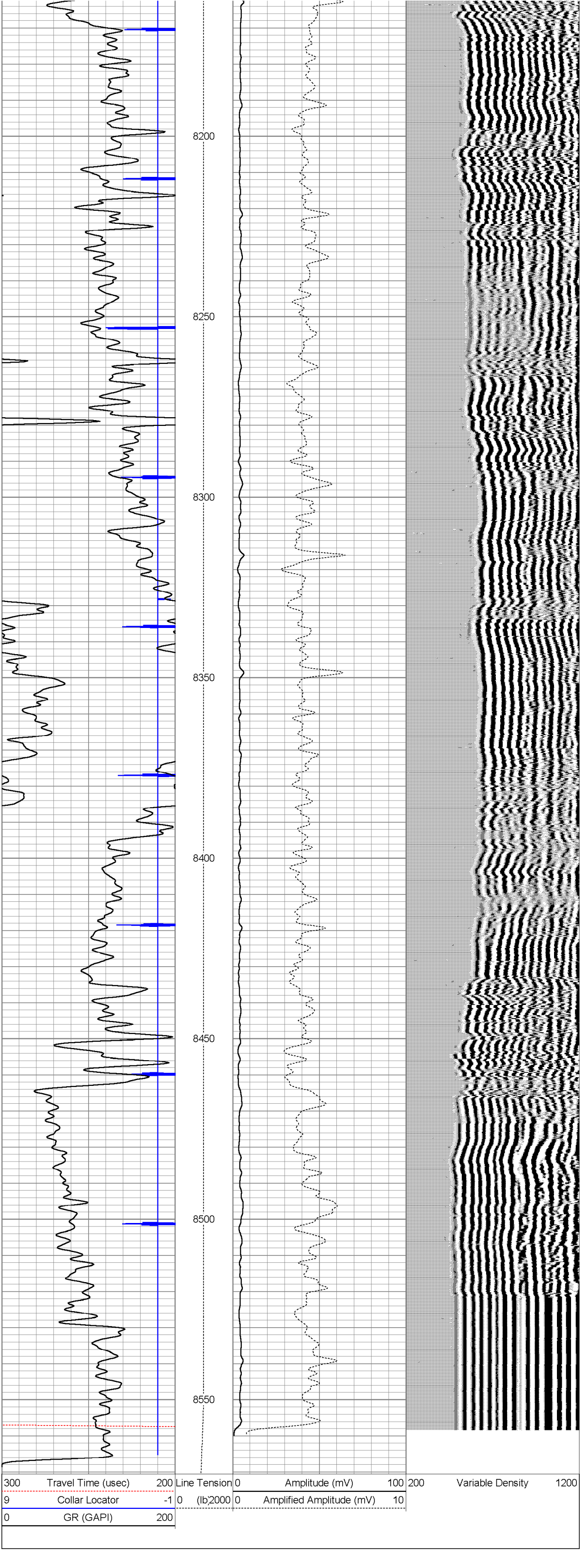
## REPEAT PASS 5" = 100'

| | |
|---|---|
| Database File: | canyoncreek34-13.db |
| Dataset Pathname: | pass8 |
| Presentation Format: | cbldig |
| Dataset Creation: | Sat Jul 21 11:54:39 2012 by Log SCH 120430 |
| Charted by: | Depth in Feet scaled 1:240 |

| | | | |
|---|---|---|---|
| 300 Travel Time (usec) 200 | Line Tension | 0 Amplitude (mV) 100 | 200 Variable Density 1200 |
| 9 Collar Locator -1 | 0 (lb) 2000 | 0 Amplified Amplitude (mV) 10 | |
| 0 GR (GAPI) 200 | | | |



| | | | |
|---|---|---|---|
| 300 Travel Time (usec) 200 | Line Tension | 0 Amplitude (mV) 100 | 200 Variable Density 1200 |
| 9 Collar Locator -1 | 0 (lb) 2000 | 0 Amplified Amplitude (mV) 10 | |
| 0 GR (GAPI) 200 | | | |

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## MAIN PASS 5" = 100'

| | |
|---|---|
| Database File: | canyoncreek34-13.db |
| Dataset Pathname: | pass9.1 |
| Presentation Format: | cbldig |
| Dataset Creation: | Sat Jul 21 13:32:32 2012 by Calc SCH 120430 |
| Charted by: | Depth in Feet scaled 1:240 |

| | | | |
|---|---|---|---|
| 300 Travel Time (usec) 200 | Line Tension | 0 Amplitude (mV) 100 | 200 Variable Density 1200 |
| 9 Collar Locator -1 | 0 (lb) 2000 | 0 Amplified Amplitude (mV) 10 | |
| 0 GR (GAPI) 200 | | TEMP (degF) | |

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| Well | CANYON CREEK 34-13 |
| Field | WATTENBERG |
| County | BOULDER |
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