HALLIBURTON

# CEMENT BOND LOG

SCALE: 5"=100'

Company EnCana Oil & Gas (USA) Inc.
Well Woolley 22-7
Field Wattenberg
County Weld State Colorado

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API No.: 05-123-32982-0000 Serv #:
Location: SHL: 648' FNL & 1750' FWL NENW
BHL: 2130' FNL & 2130' FWL SENW

Other Services
NONE

Sec:7 Twp:1N Rge: 68W

| | | | | Elevation |
|---|---|---|---|---|
| Permanent Datum | GL | Elevation | 5059 | K.B. 5072 |
| Log Measured From | KB , 13 Ft. above perm. datum | | | D.F. 5072 |
| Drilling Measured From | KB | | | G.L. 5059 |

| | | | |
|---|---|---|---|
| Date @ Time Logged | 28-MAR-12 | Type Fluid in Hole | 2% KCL |
| Run No. | ONE | Density of Fluid | 8.4 |
| Depth - Driller | 8582 | Fluid Level | SURFACE |
| Depth - Logger | 8531 | Cement Top Est. Logged | 3810 |
| Bottom - Logged Interval | 8519 | Equipment / Location | 11014931 / BRIGHTON |
| Top - Log Interval | 3550 | Recorded by | MATTHEW WOODALL |
| Max. Recorded Temp. | 235 | Witnessed by | MR. TOM MAJORS |

| CEMENTING DATA | Surface String | Protection String | Production String | Liner |
|---|---|---|---|---|
| Date / Time Cemented | | | | |
| Primary / Squeeze | | | | |
| Expected Compressive Strength | psi@ hrs | psi@ hrs | psi@ hrs | psi@ hrs |
| Cement Volume | | | | |
| Cement Type / Weight | / | / | / | / |
| Formulation | | | | |
| Mud Type / Mud Wgt. | / | / | / | / |

| Borehole Record | | | Casing & Tubing Record | | | |
|---|---|---|---|---|---|---|
| Run Number | Bit | From | To | Size | Weight | From | To |
| | | | | 8.625 | 24 | SURFACE | 820 |
| | | | | 4.5 | 11.6 | SURFACE | 8570 |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

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HALLIBURTON DOES NOT GUARANTEE THE ACCURACY OF ANY INTERPRETATION OF THE LOG DATA, CONVERSION OF LOG DATA TO PHYSICAL ROCK PARAMETERS OR RECOMMENDATIONS WHICH MAY BE GIVEN BY HALLIBURTON PERSONNEL OR WHCIH APPEAR ON THE LOG OR IN ANY OTHER FORM. ANY USER OF SUCH DATA, INTERPRETATIONS, CONVERSIONS, OR RECOMMENDATIONS AGREES THAT HALLIBURTON IS NOT RESPONSIBLE EXCEPT WHERE DUE TO GROSS NEGLIGENCE OR WILLFUL MISCONDUCT, FOR ANY LOSS, DAMAGES, OR EXPENSES RESULTING FROM THE USE THEREOF.

## Comments

BLANKET VALUE OF: 237 GAPI

CORRELATED TO: PSI HRI DATED: 20-MAR-2012

THANK YOU FOR CHOOSING HALLIBURTON

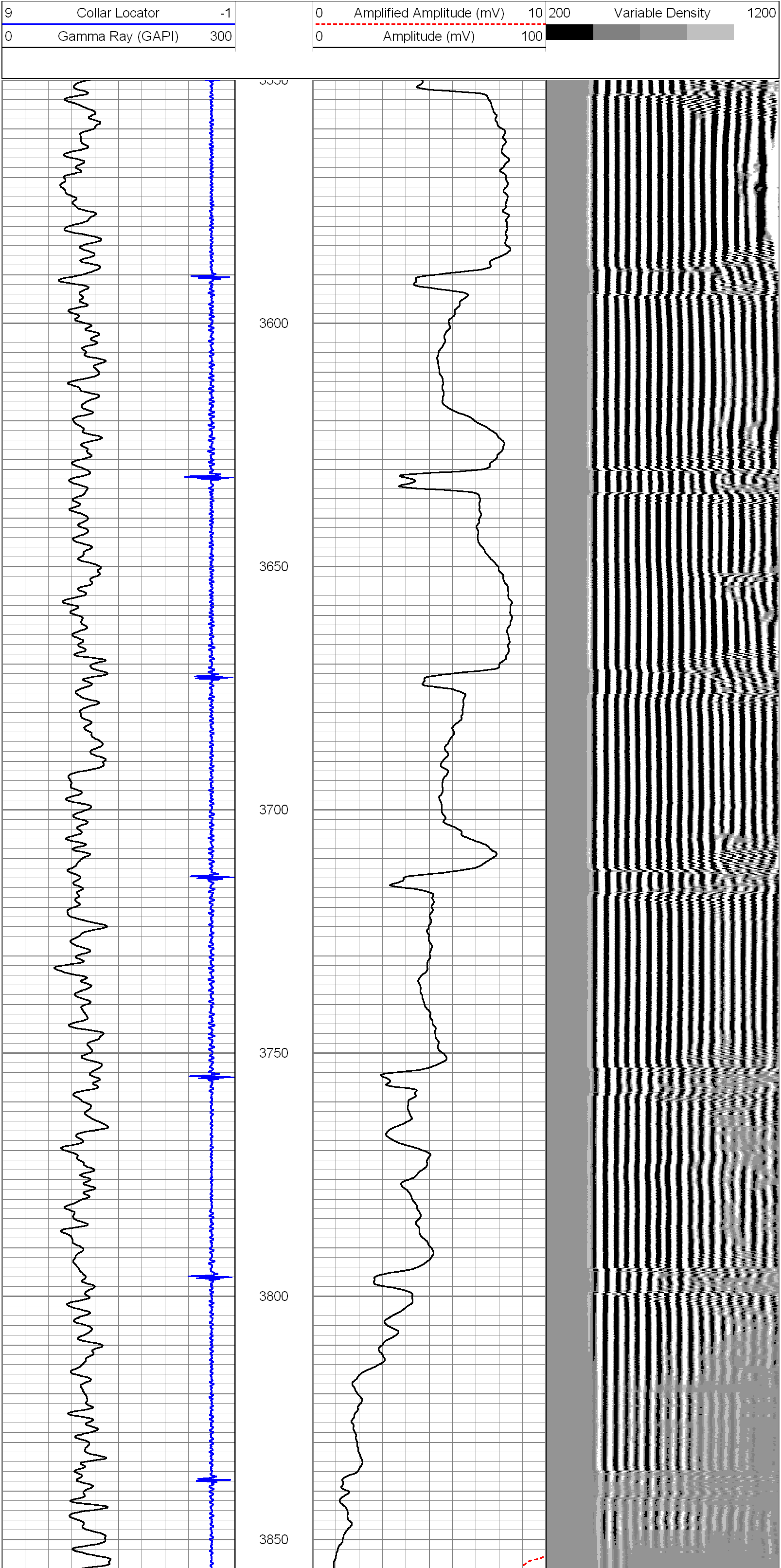
YOUR CREW TODAY: O. VASQUEZ, E. FRIEDLAND, C. NAKAGAWA-OETKEN

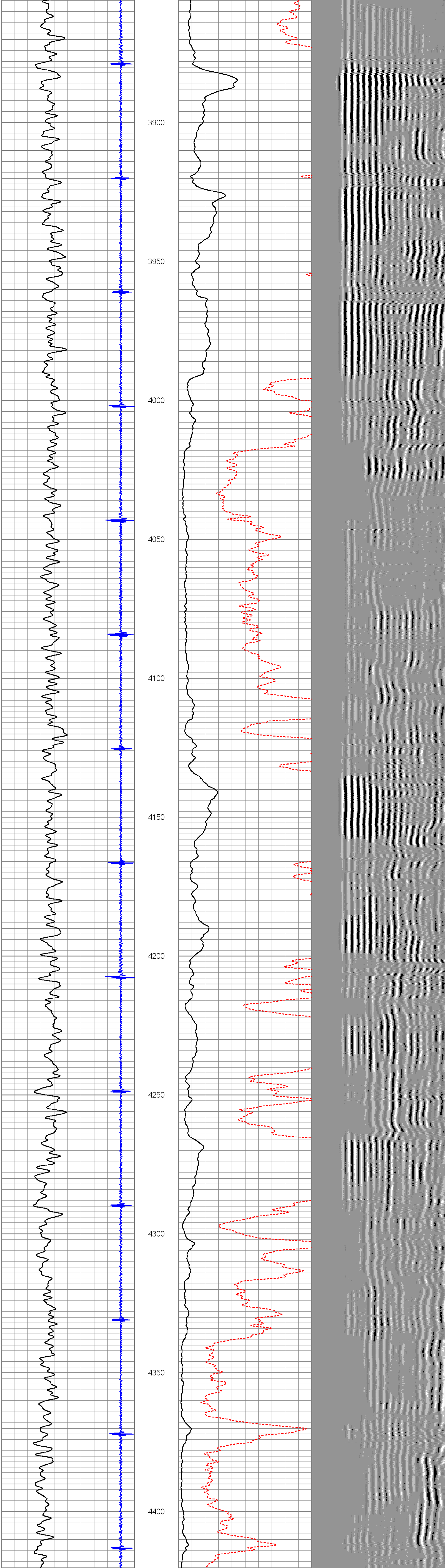
HALLIBURTON

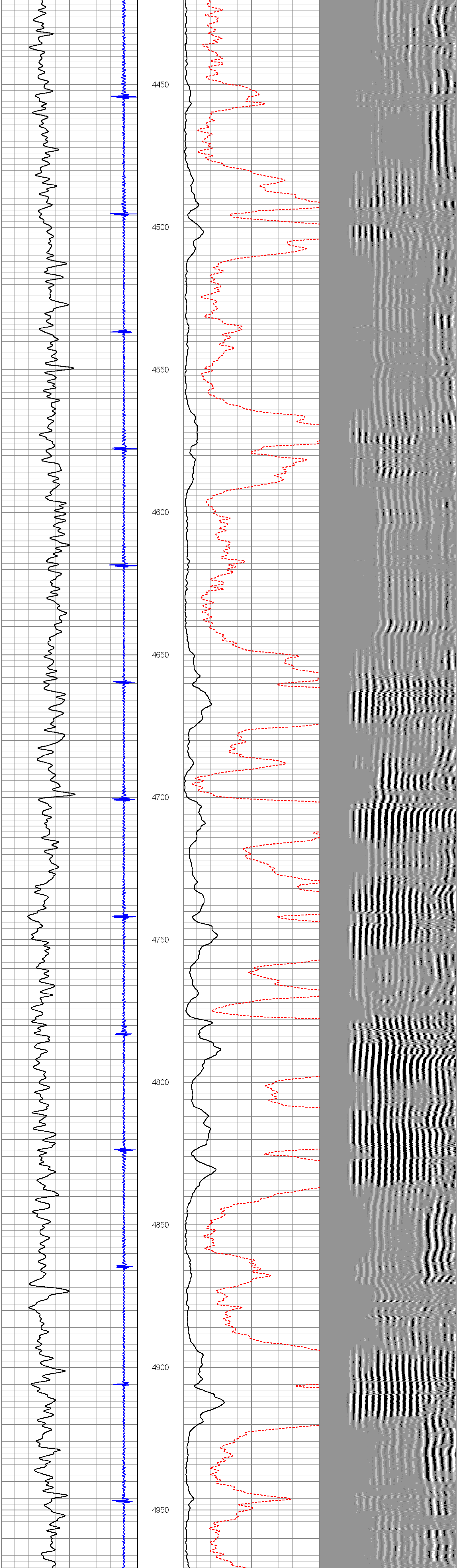
## MAIN PASS

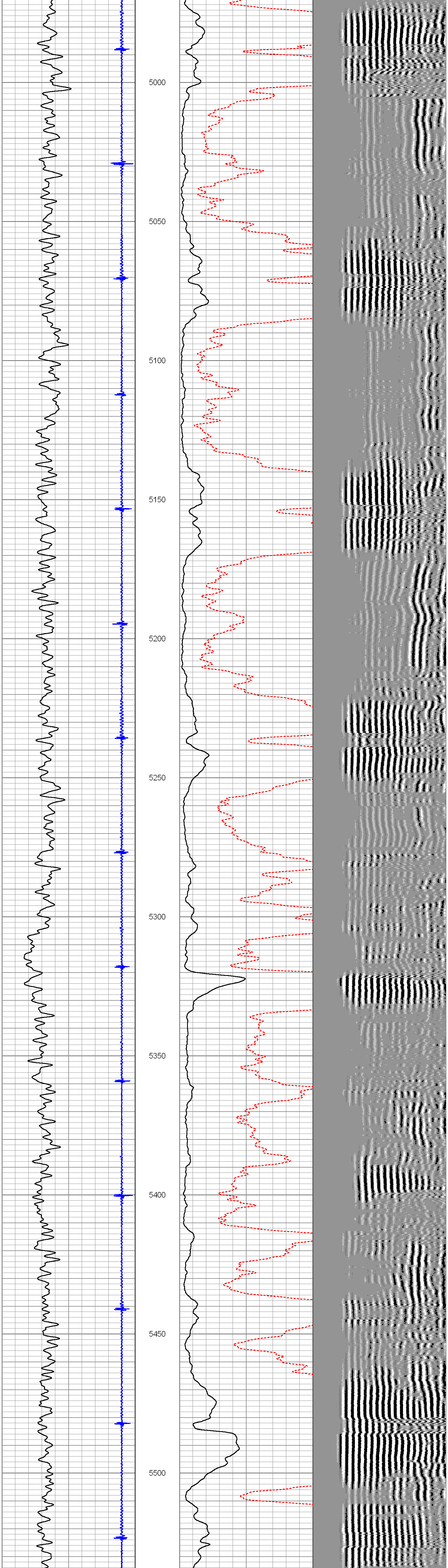
SCALE: 5"=100'

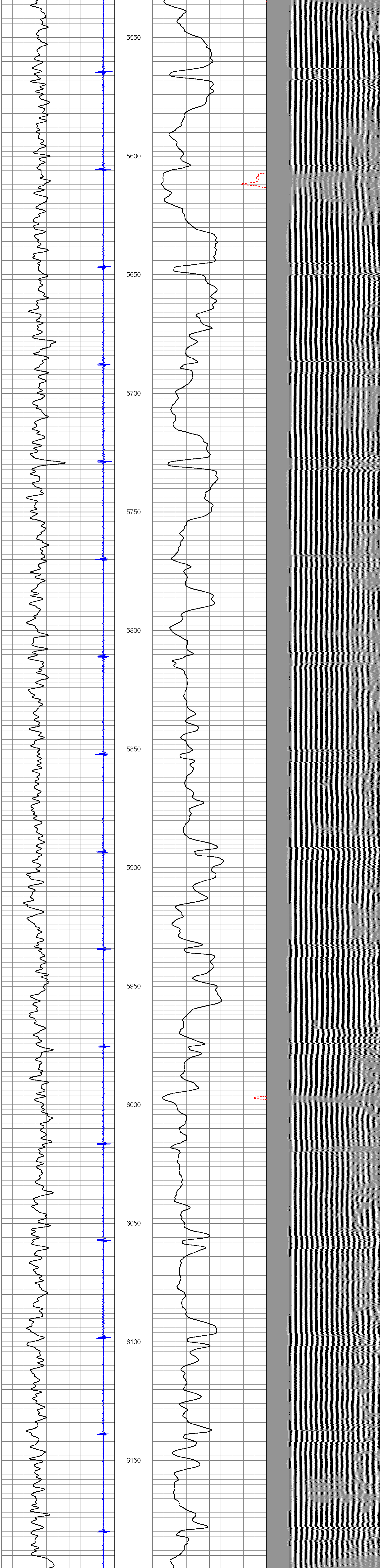
| | |
|---|---|
| Database File: | encana wolley 22-7.db |
| Dataset Pathname: | cbl/pass5 |
| Presentation Format: | 1katcbl |
| Dataset Creation: | Wed Mar 28 12:09:22 2012 by Log Halliburton Casedho |
| Charted by: | Depth in Feet scaled 1:240 |

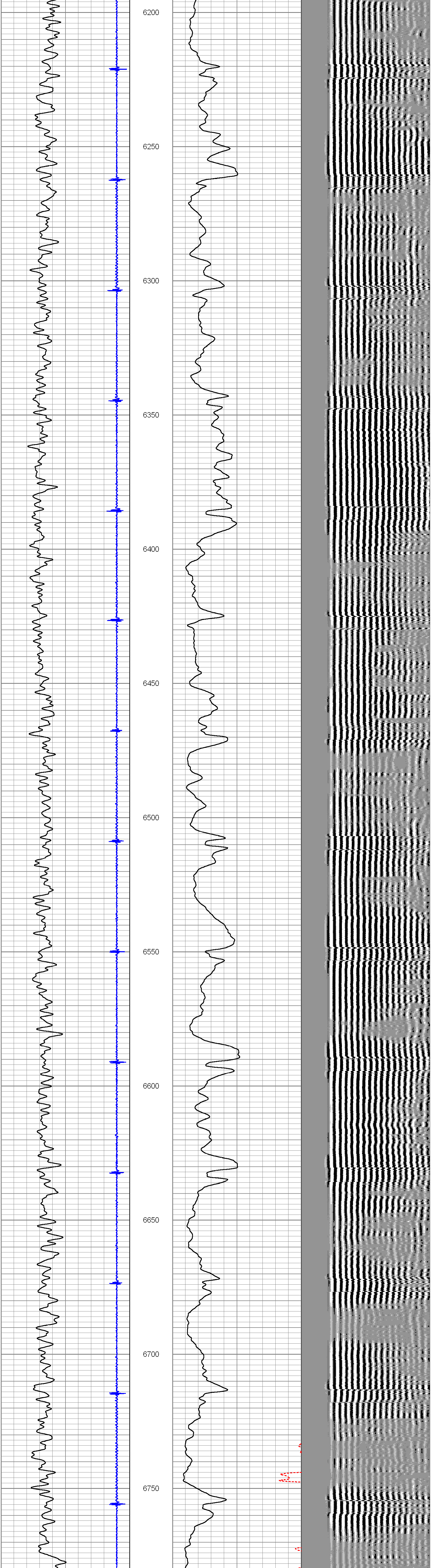


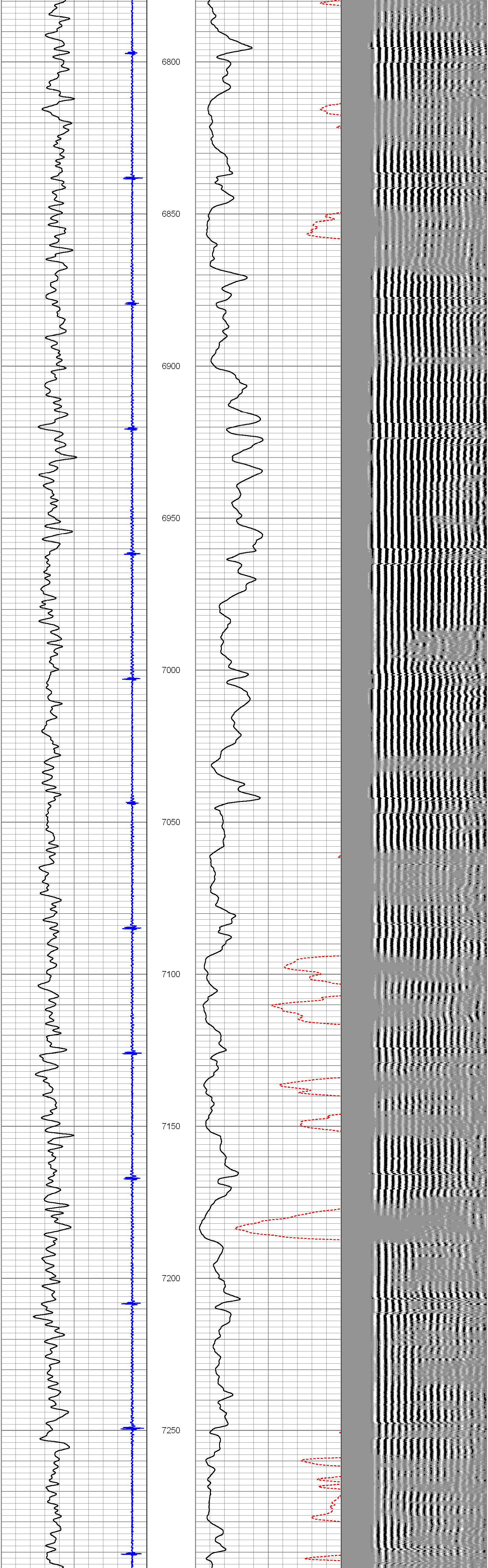


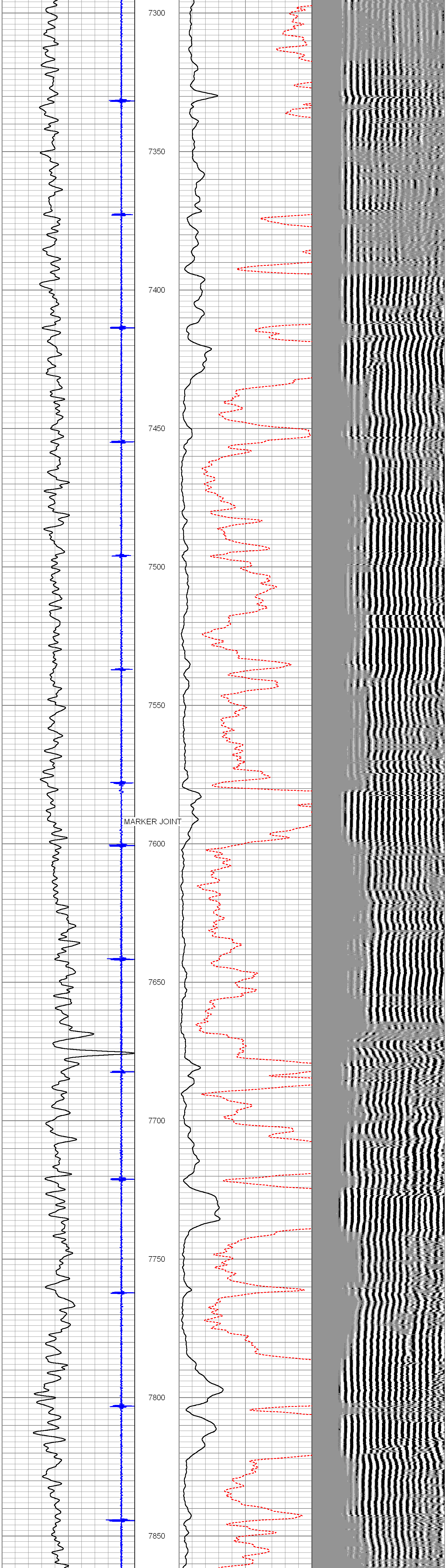


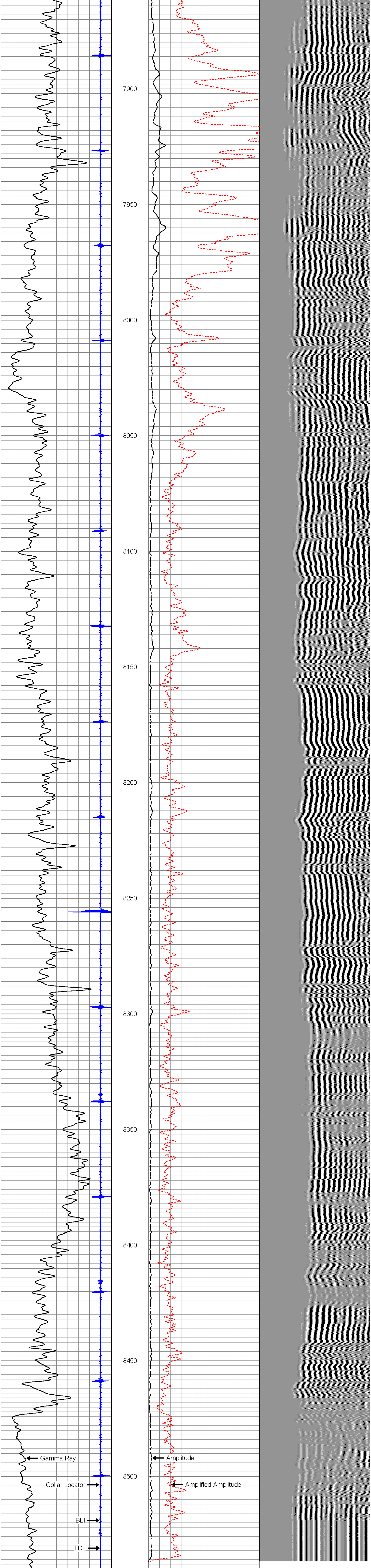


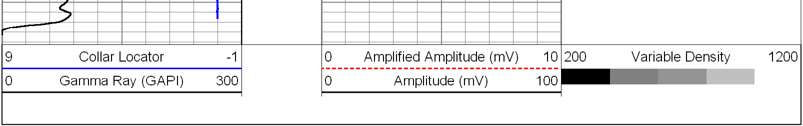












**HALLIBURTON**

MAIN PASS

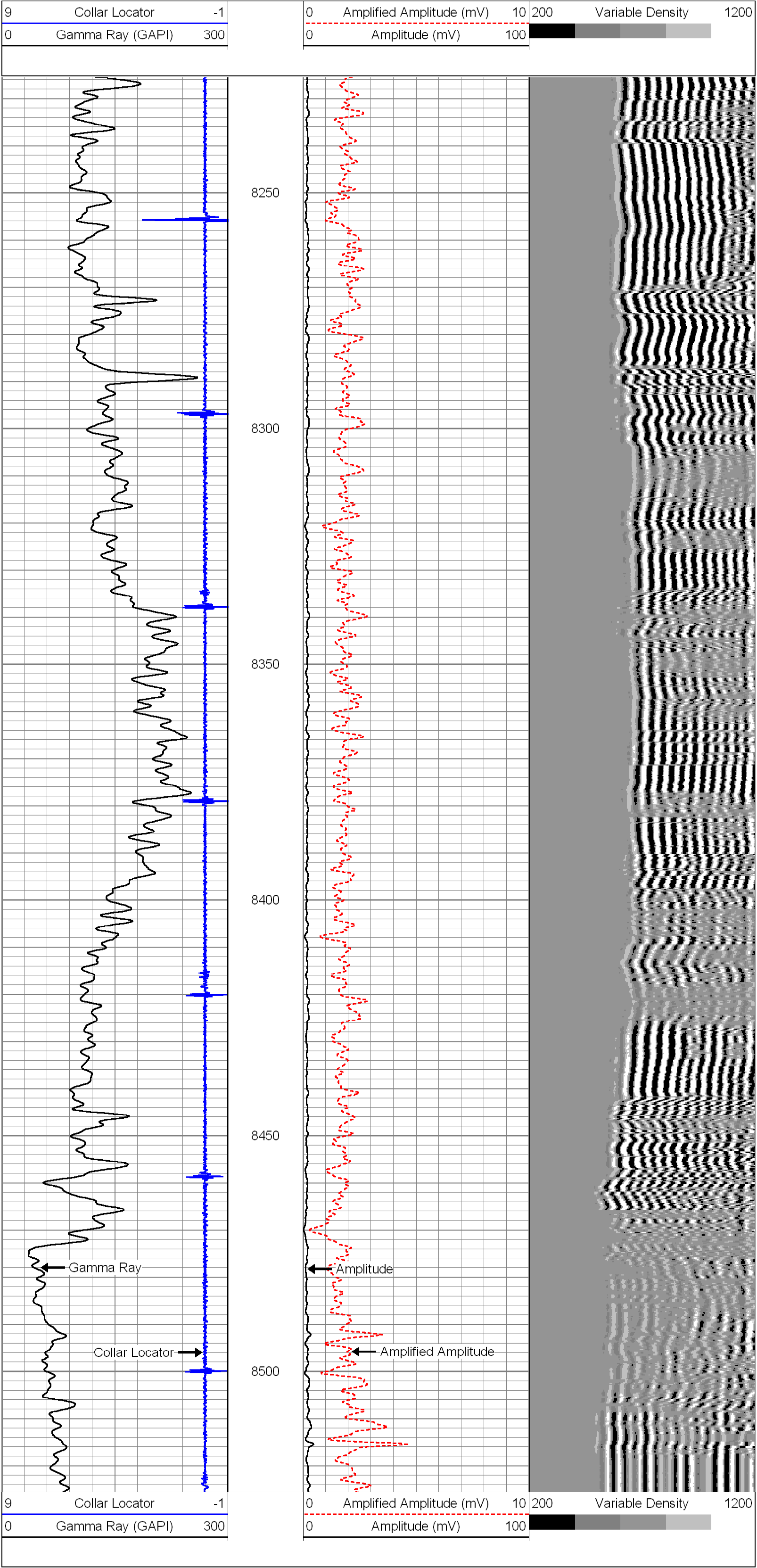
SCALE: 5"=100'

**HALLIBURTON**

REPEAT PASS

SCALE: 5"=100'

| | |
|---|---|
| Database File: | encana wolley 22-7.db |
| Dataset Pathname: | cbl/pass2 |
| Presentation Format: | 1katcbl |
| Dataset Creation: | Wed Mar 28 11:58:36 2012 by Log Halliburton Casedho |
| Charted by: | Depth in Feet scaled 1:240 |



**HALLIBURTON**

REPEAT PASS

SCALE: 5"=100'

| | | | |
|---|---|---|---|
| Company | EnCana Oil & Gas (USA) Inc. | | |
| Well | Woolley 22-7 | | |
| Field | Wattenberg | | |
| County | Weld | State | Colorado |

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