J-W WIRELINE COMPANY

# GAMMA RAY C.C.L.
# CEMENT BOND V.D.L.

Company WALSH PRODUCTION, INC.
Well CFM-RAY 16-20
Field GROVER
County WELD
State CO

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Well CFM-RAY 16-20
Field GROVER
County WELD State CO

Location: API # : 05-123-25635-00

660' FSL & 660' FEL
SESE

SEC 20 TWP 11N RGE 61W

Other Services

Elevation
K.B. 5155
D.F. 5154
G.L. 5145

| | | | |
|---|---|---|---|
| Permanent Datum | GL | Elevation | 5145 |
| Log Measured From | KB | | |
| Drilling Measured From | KB | | |

| | | | |
|---|---|---|---|
| Date | 5-13-08 | | |
| Run Number | ONE | | |
| Depth Driller | 7720 | | |
| Depth Logger | 7660 | | |
| Bottom Logged Interval | 7649 | | |
| Top Log Interval | 6350 | | |
| Open Hole Size | | | |
| Type Fluid | WATER | | |
| Density / Viscosity | ............... | | |
| Max. Recorded Temp. | 283 | | |
| Estimated Cement Top | 6480 | | |
| Time Well Ready | .................. | | |
| Time Logger on Bottom | ................. | | |
| Equipment Number | 504 | | |
| Location | STERLING | | |
| Recorded By | MATT MONROE | | |
| Witnessed By | DENNIS MARSHALL | | |

| Borehole Record | | | | Tubing Record | | | |
|---|---|---|---|---|---|---|---|
| Run Number | Bit | From | To | Size | Weight | From | To |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| Casing Record | Size | Wgt/Ft | Top | Bottom |
|---|---|---|---|---|
| Surface String | | | | |
| Prot. String | | | | |
| Production String | 4.5 | | | |
| Liner | | | | |
| | | | | |

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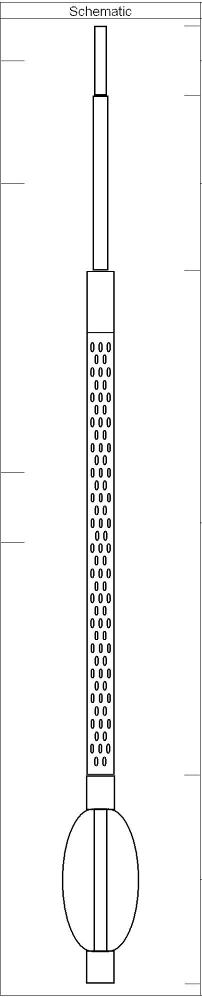
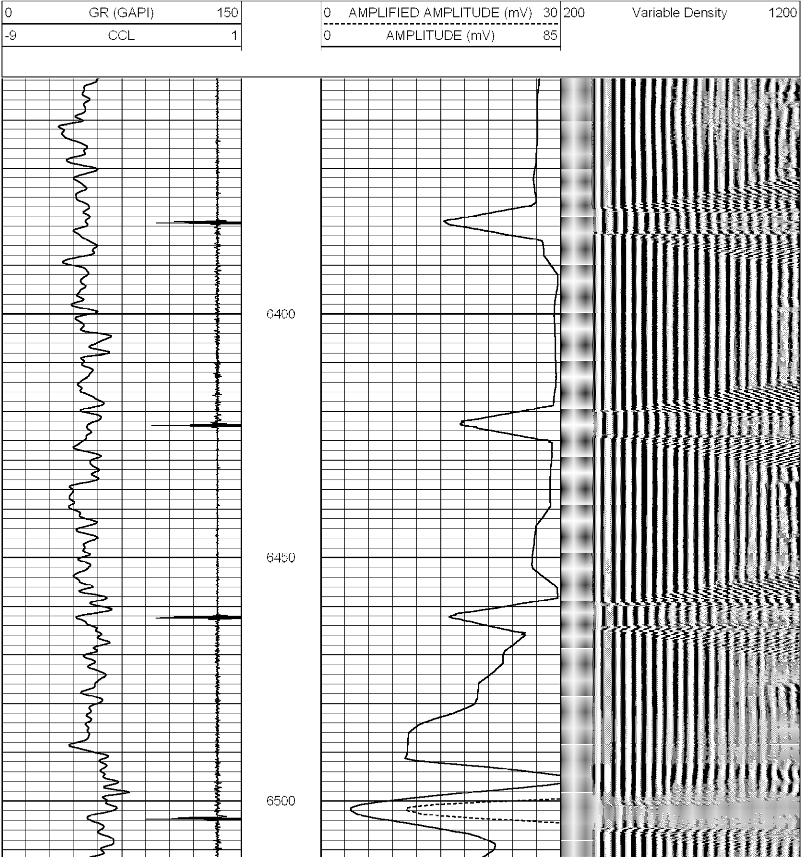
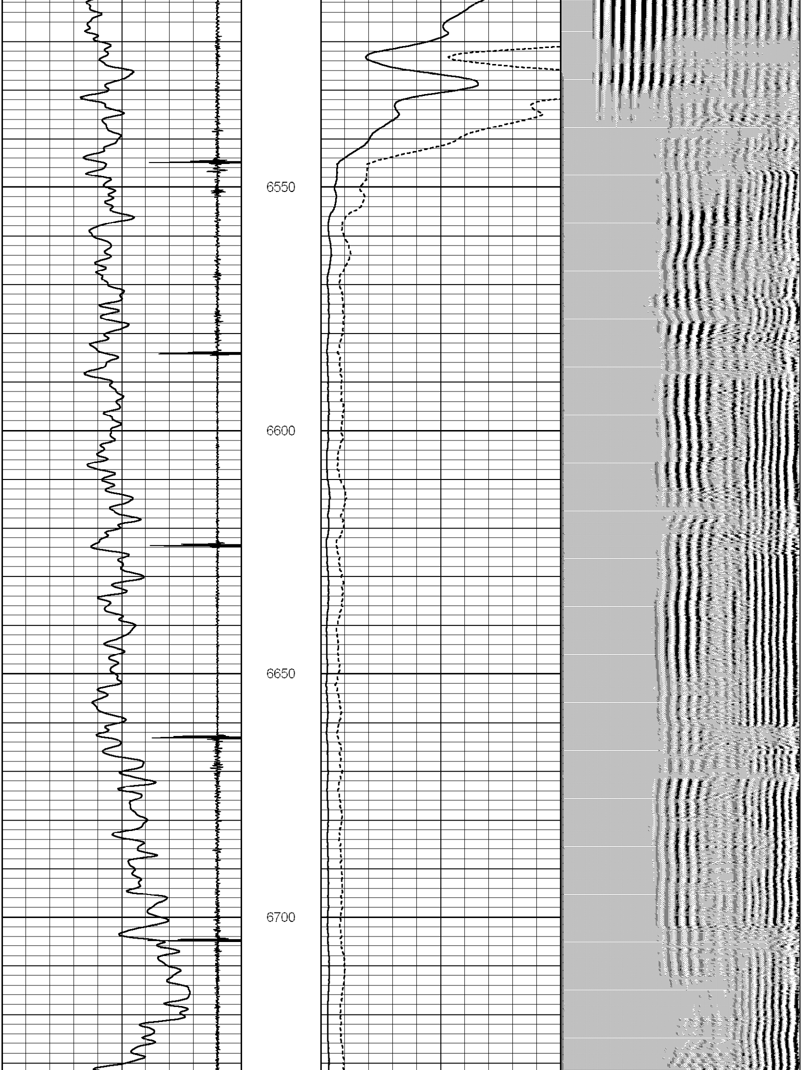
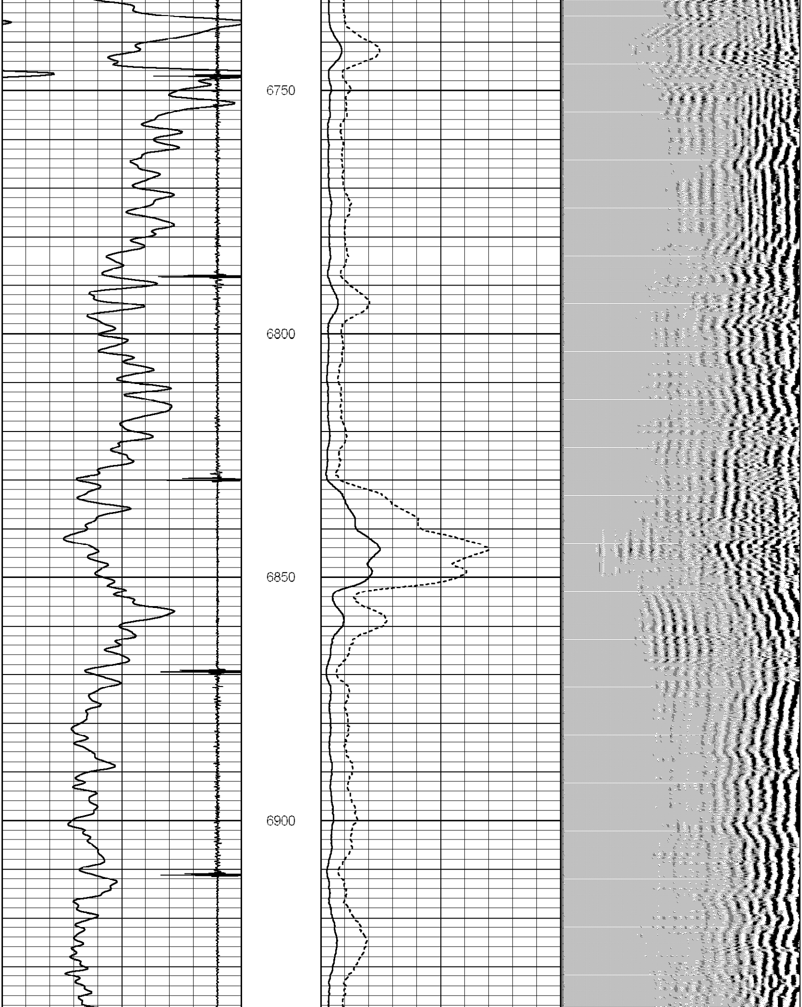
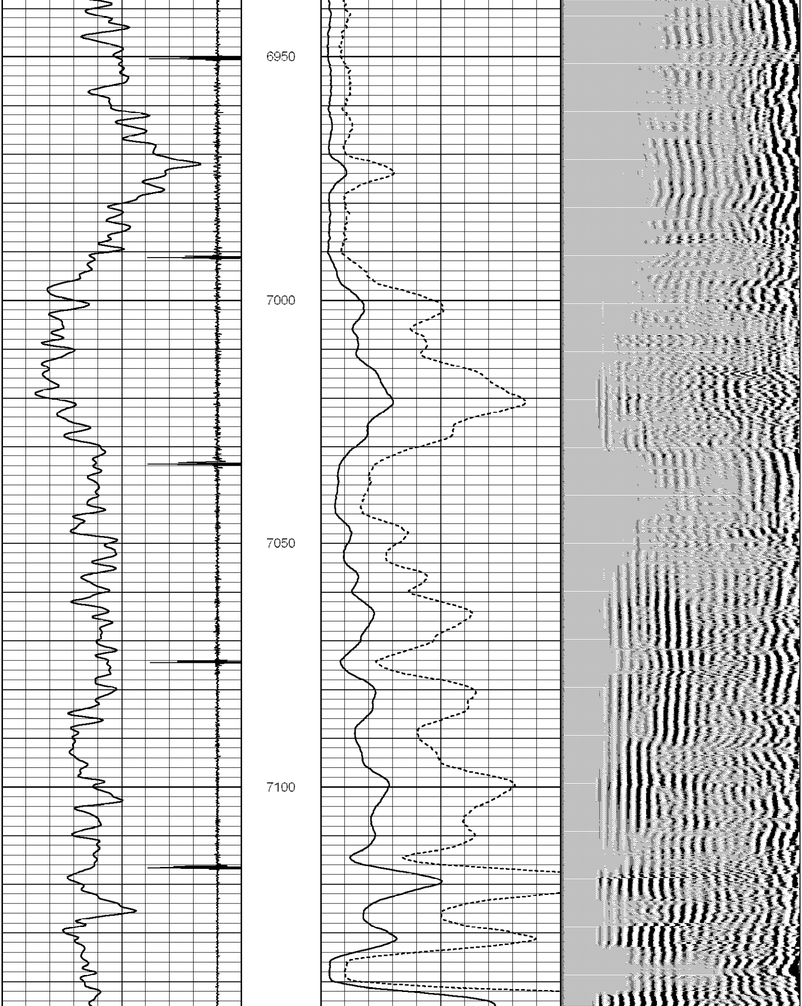
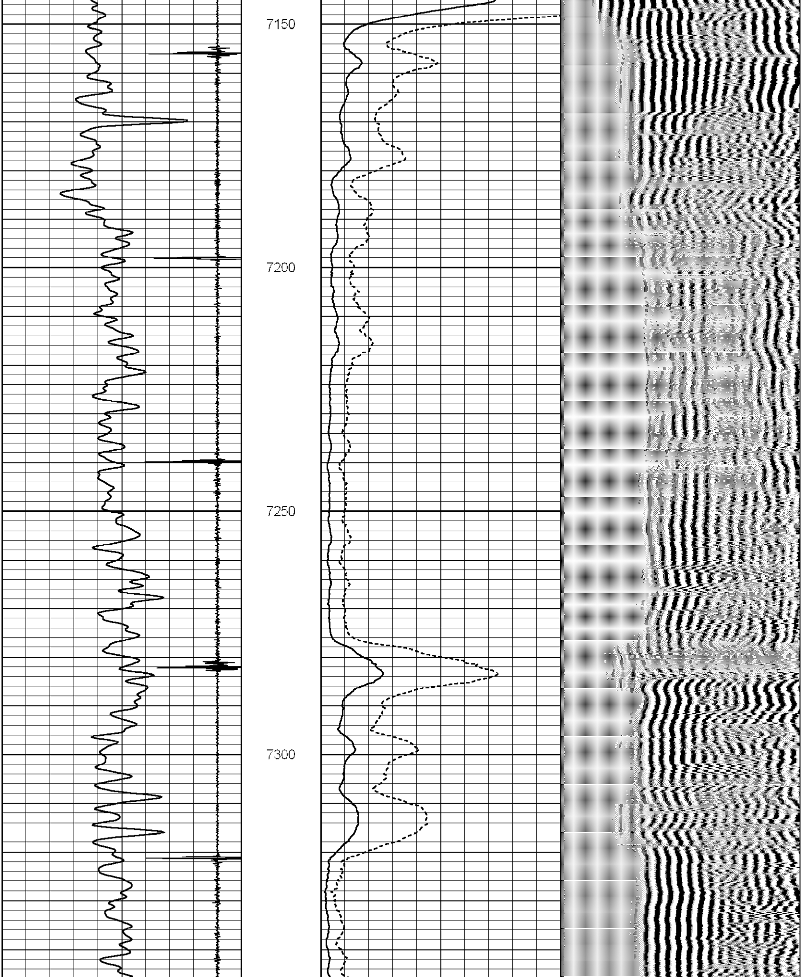
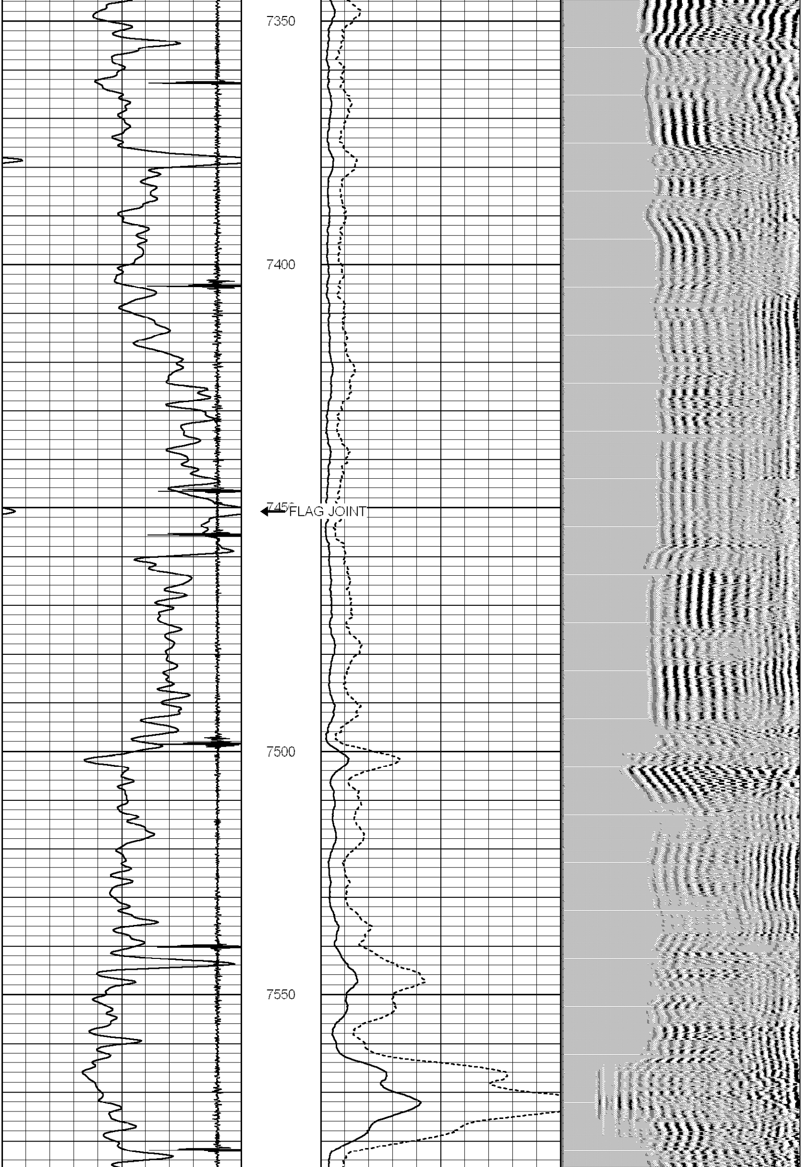
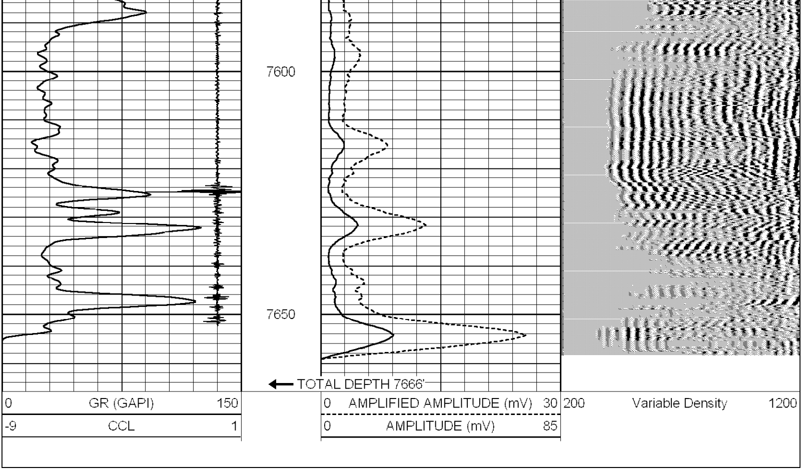
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

| Sensor | Offset (ft) | Schematic | Description | Len (ft) | OD (in) | Wt (lb) |
|---|---|---|---|---|---|---|
| CCL | 13.25 |  | CCL-GR_1_3/8 (001) | 1.00 | 1.38 | 11.00 |
| GR | 11.49 |  | GR-s_t001 (t001) | 2.52 | 1.69 | 30.00 |
| WVF5 | 7.34 |  |  |  |  |  |
|  |  |  | CBL-3_5 (001) | 7.23 | 2.44 | 127.00 |
| WVF3 | 6.34 |  |  |  |  |  |
|  |  |  | CENT-B (2) | 3.00 | 1.69 | 10.00 |

Dataset: walsh 1.db: field/well/run1/pass2
Total Length: 13.75 ft
Total Weight: 178.00 lb
O.D. 2.44 in

Database File: walsh 1.db
Dataset Pathname: pass2
Presentation Format: cblx
Dataset Creation: Mon May 12 08:49:43 2008 by Log Std Casedhole 07122
Charted by: Depth in Feet scaled 1:240