PSI
PHOENIX SURVEYS, INC.

# HIGH RESOLUTION INDUCTION
# COMPENSATED DENSITY
# COMPENSATED NEUTRON

Company
Well
Field
County
State/Prv

| | | | |
|---|---|---|---|
| Company | Encana Oil & Gas (USA) Inc. | | |
| Well | Melbon Ranch 8-4-17 | | |
| Field | Wattenberg | | |
| County | Weld | State/Province | Colorado |

Location
SHL: 2005' FSL & 407' FEL NESE
BHL: 2570' FSL & 50' FEL NESE
Sec 17, Twp 2N, Rge 65W

Other Services
None

| | | | |
|---|---|---|---|
| Permanent Datum | GL | Elevation | 4901 |
| Log Measured From | KB | | |
| Drilling Measured From | KB | | |

Elevation
K.B. 4913
D.F. 4912
G.L. 4901

| | | | |
|---|---|---|---|
| Date | February 12, 2012 | | |
| Run Number | 1 | | |
| Depth Driller | 7913 | | |
| Depth Logger | 7915 | | |
| Bottom Logged Interval | 7915 | | |
| Top Log Interval | Casing | | |
| Casing Driller | 877 | | |
| Casing Logger | 877 | | |
| Bit Size | 7-7/8" | | |
| Type Fluid in Hole | Chem Gel | | |
| Density / Viscosity | 9.8 / 55 | | |
| pH / Fluid Loss | 8.0 / 12.0 | | |
| Source of Sample | Flowline | | |
| Rm @ Meas. Temp | 3.40 @ 61 F | | |
| Rmf @ Meas. Temp | 2.72 @ 61 F | | |
| Rmc @ Meas. Temp | 4.08 @ 61 F | | |
| Source of Rmf / Rmc | Measure / Calc | | |
| Rm @ BHT | 0.89 @ 232 F | | |
| Time Circulation Stopped | 1615 2/11/2012 | | |
| Time Logger on Bottom | 0130 | | |
| Maximum Recorded Temperature | 232 F | | |
| Equipment Number | 52 | | |
| Location | Brighton, CO | | |
| Recorded By | Kelly Keever | | |
| Witnessed By | Terry Leighton | | |

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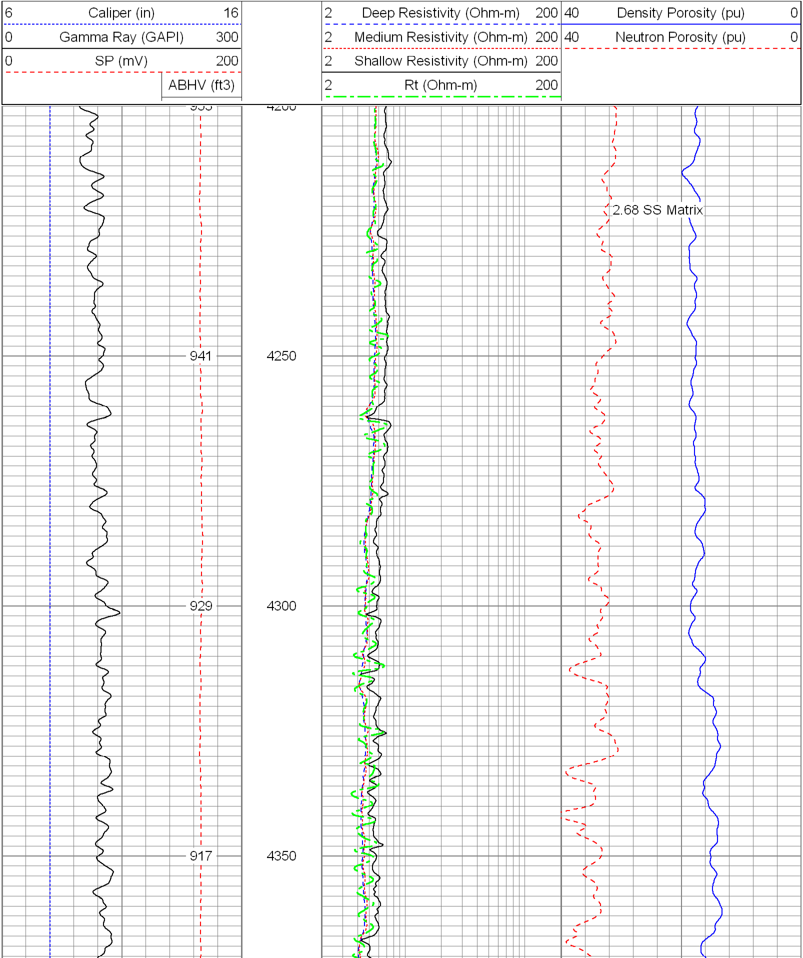
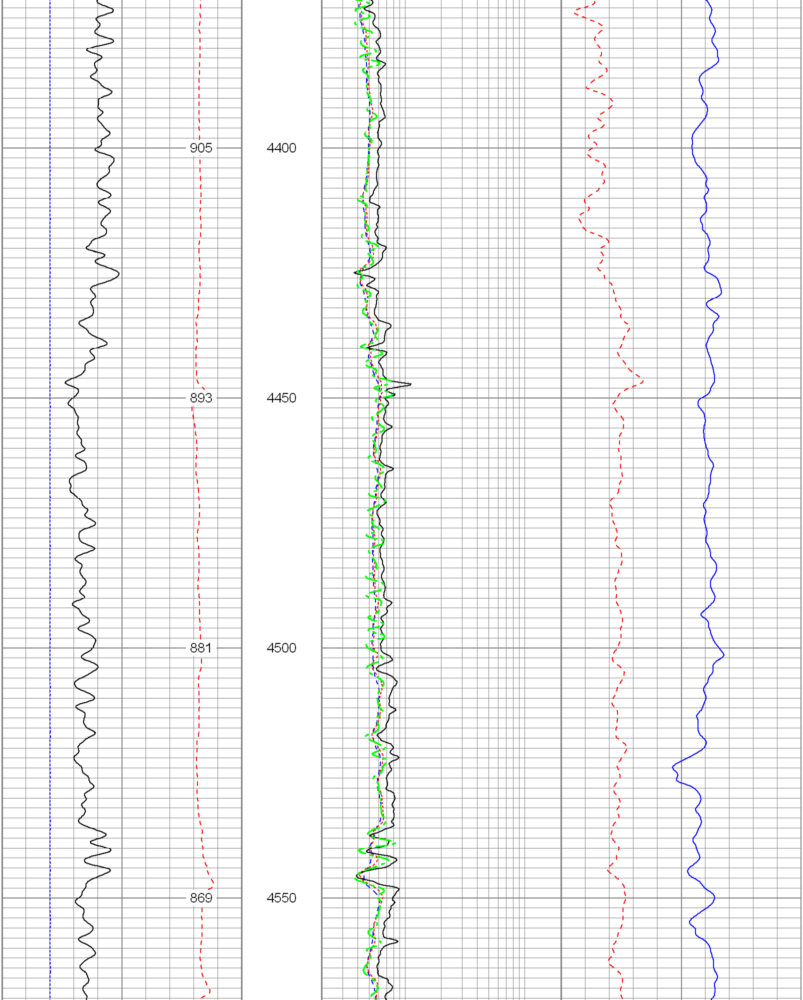
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

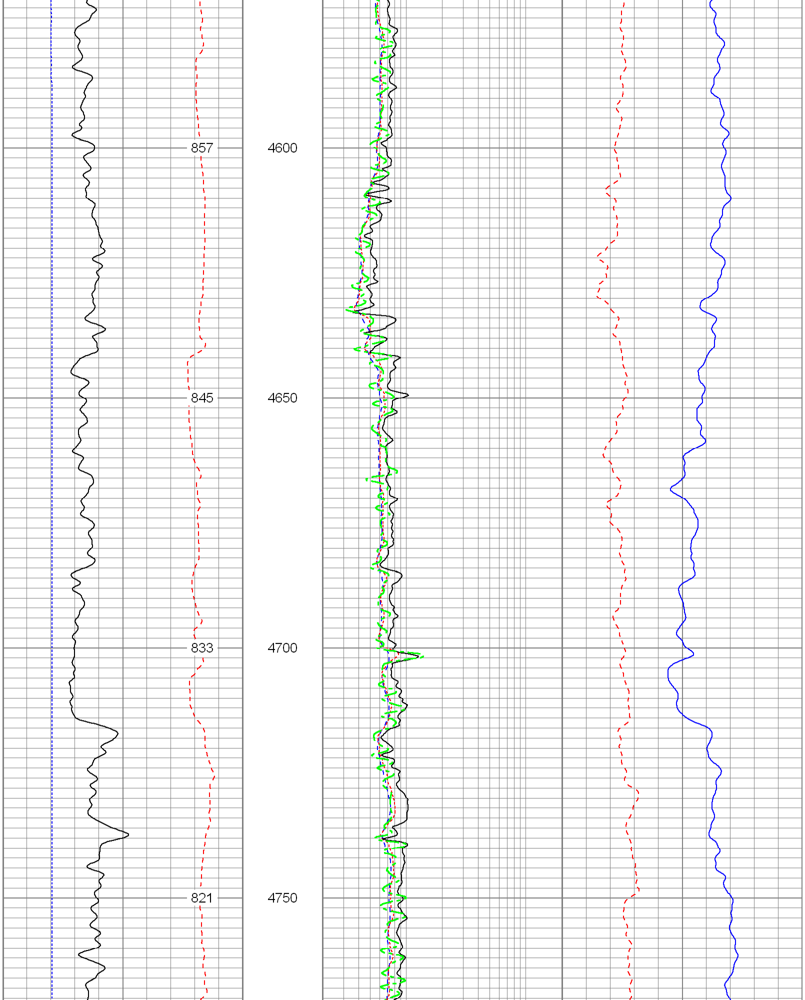
## Comments

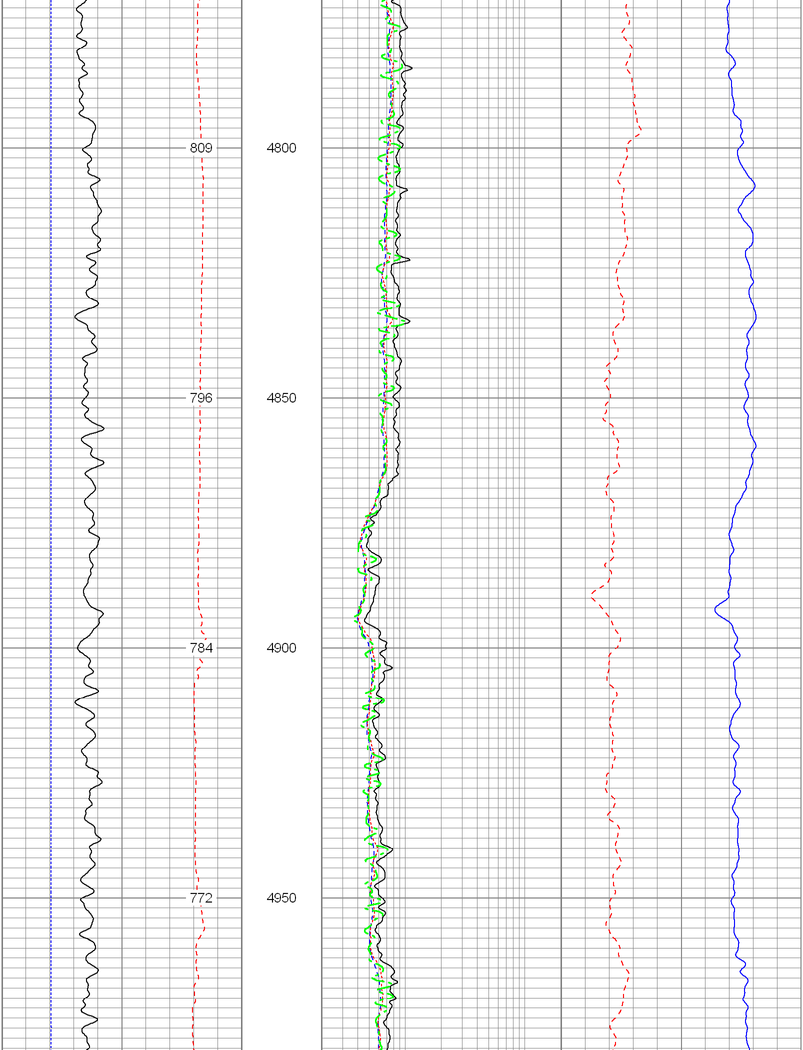
Annular volume calculated for 4.5" casing
Ensign Drilling Rig 17
Thank you for using Phoenix Surveys.
API #: 05-123-34882-0000

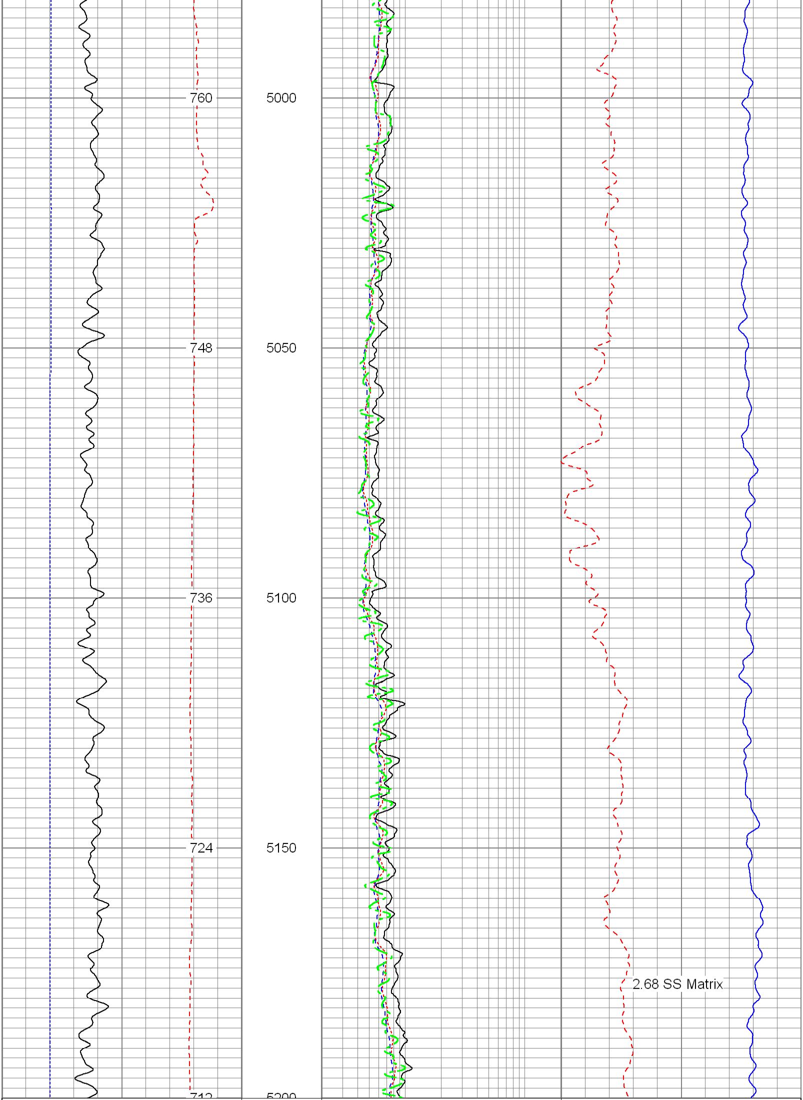
| | |
|---|---|
| Database File: | 12610.db |
| Dataset Pathname: | final |
| Presentation Format: | encana |
| Dataset Creation: | Sun Feb 12 03:23:51 2012 |
| Charted by: | Depth in Feet scaled 1:240 |











6 Caliper (in) 16
0 Gamma Ray (GAPI) 300
0 SP (mV) 200
ABHV (ft3)

2 Deep Resistivity (Ohm-m) 200
2 Medium Resistivity (Ohm-m) 200
2 Shallow Resistivity (Ohm-m) 200
2 Rt (Ohm-m) 200

40 Density Porosity (pu) 0
40 Neutron Porosity (pu) 0

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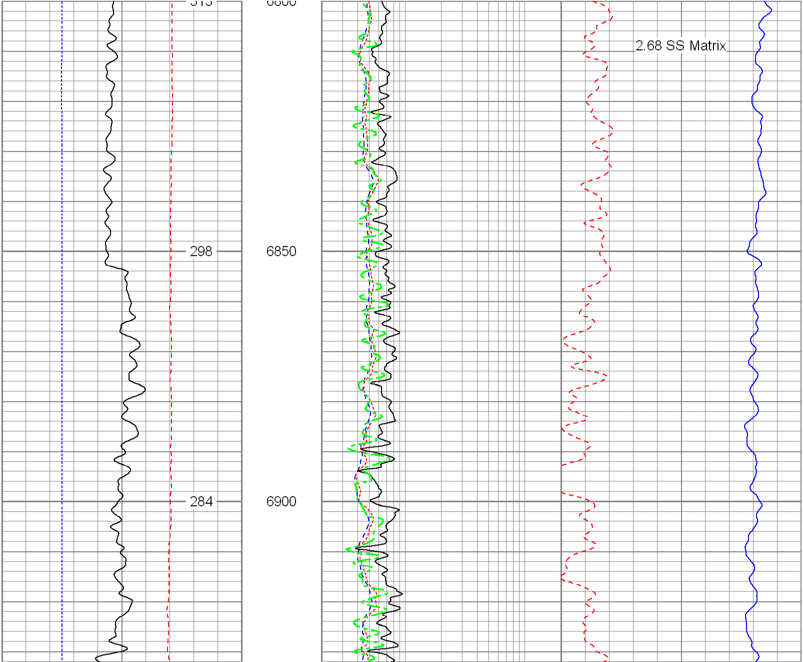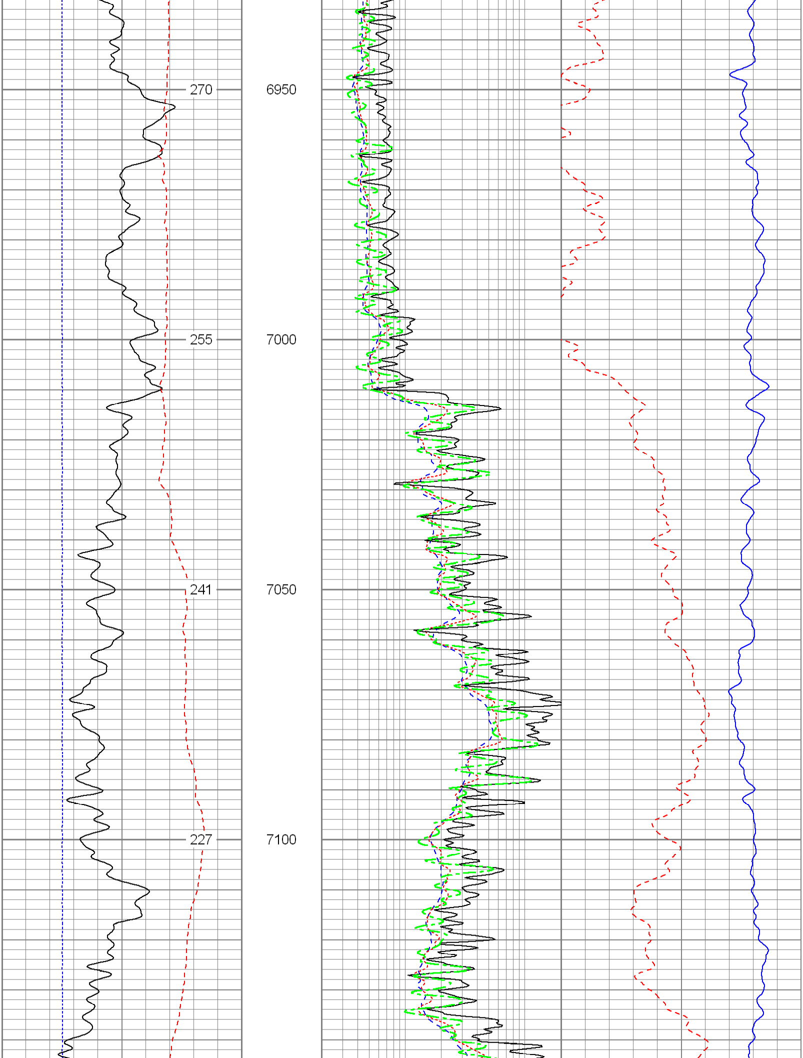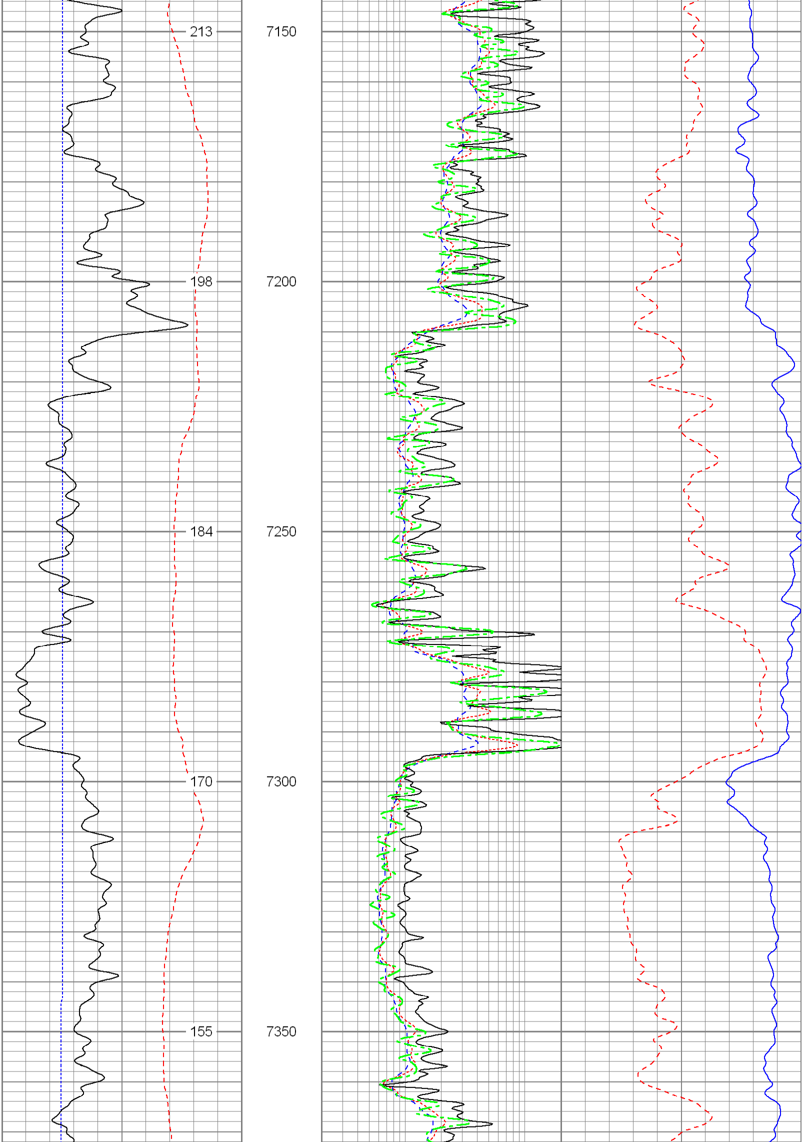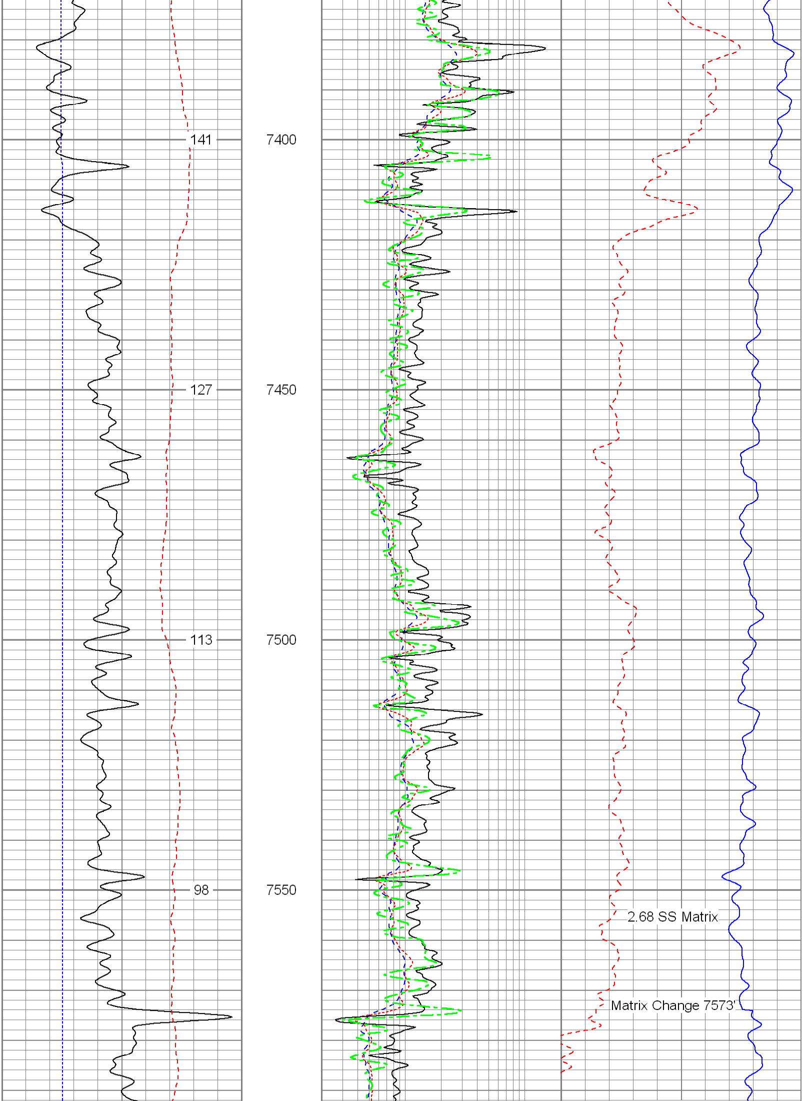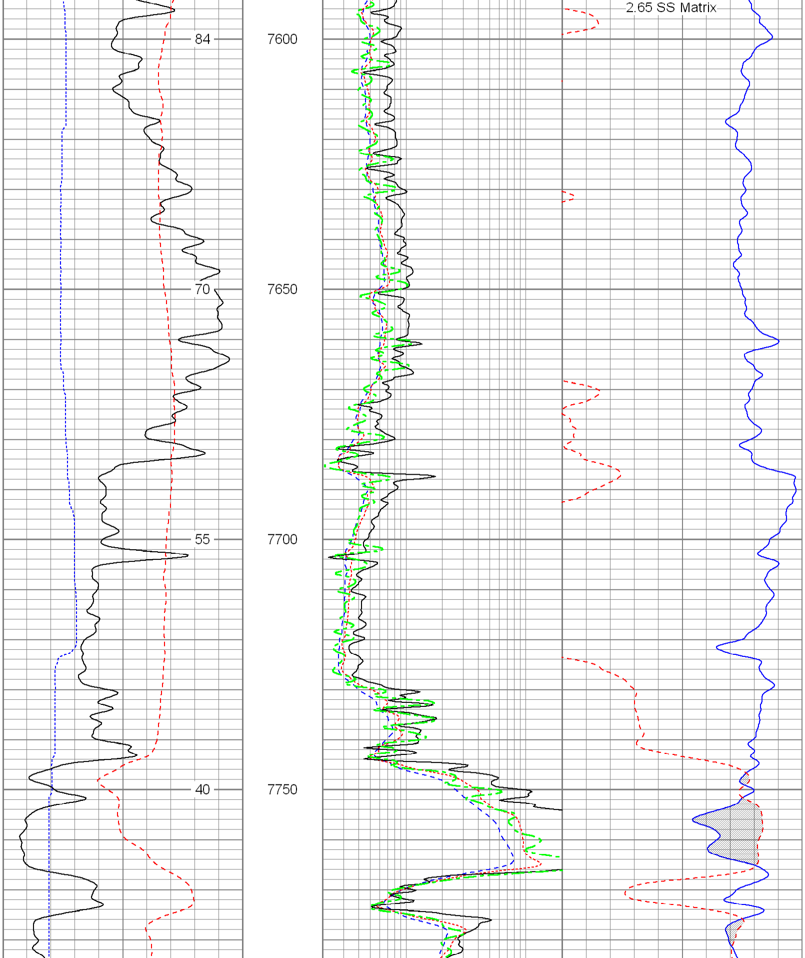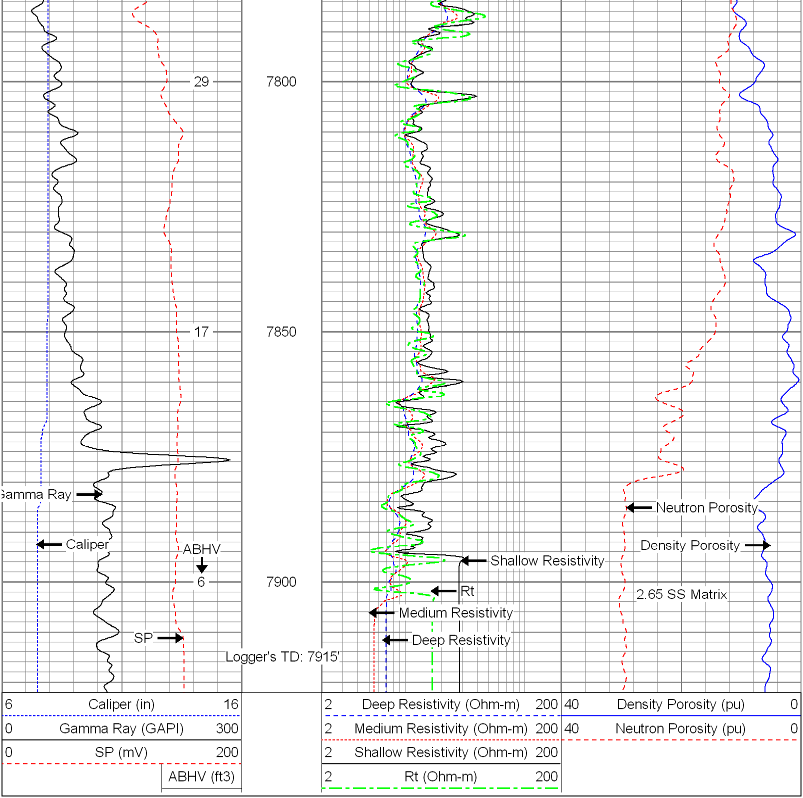40 Density Porosity (pu) 0
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