PHOENIX SURVEYS, INC.

COMPENSATED DENSITY
COMPENSATED NEUTRON
DUAL INDUCTION

Company
Well
Field
County
State/Prv

Company **EnCana Oil & Gas (USA) Inc.**
Well **Aristocrat Angus 6-8-3**
Field **Wattenberg**
County **Weld** State/Province **Colorado**

Location
SHL: 1410' FSL & 1274' FEL NESE
BHL: 50' FSL & 1350' FEL SWSE
Sec 3, Twp 3N, Rge 65W

Other Services
None

Elevation
K.B. 4791
D.F. 4790
G.L. 4778

Permanent Datum	GL	Elevation	4778
Log Measured From	KB		
Drilling Measured From	KB		

Date	November 6, 2011		
Run Number	1		
Depth Driller	7892		
Depth Logger	7891		
Bottom Logged Interval	7891		
Top Log Interval	Casing		
Casing Driller	629		
Casing Logger	629		
Bit Size	7-7/8"		
Type Fluid in Hole	Chem Gel		
Density / Viscosity	9.6 / 49		
pH / Fluid Loss	8.0 / 8.8		
Source of Sample	Flowline		
Rm @ Meas. Temp	3.45 @ 65° F		
Rmf @ Meas. Temp	2.76 @ 65° F		
Rmc @ Meas. Temp	4.14 @ 65° F		
Source of Rmf / Rmc	Measure / Calc		
Rm @ BHT	1.01 @ 227° F		
Time Circulation Stopped	1030 11/5		
Time Logger on Bottom	0500		
Maximum Recorded Temperature	227° F		
Equipment Number	52		
Location	Brighton, CO		
Recorded By	Matt Gill		
Witnessed By	Terry Leighton		

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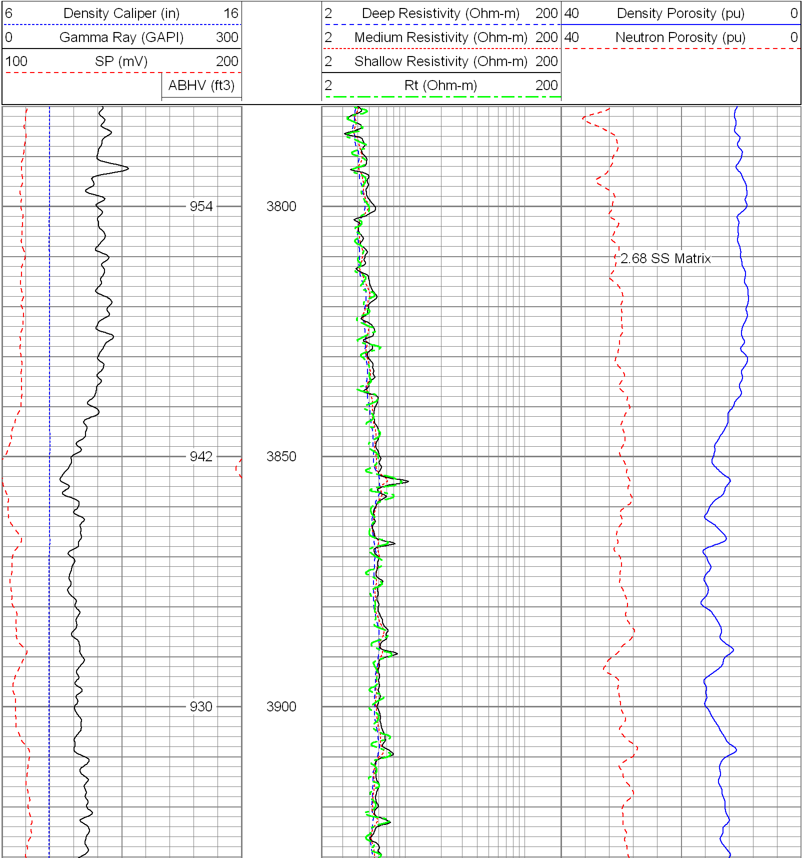
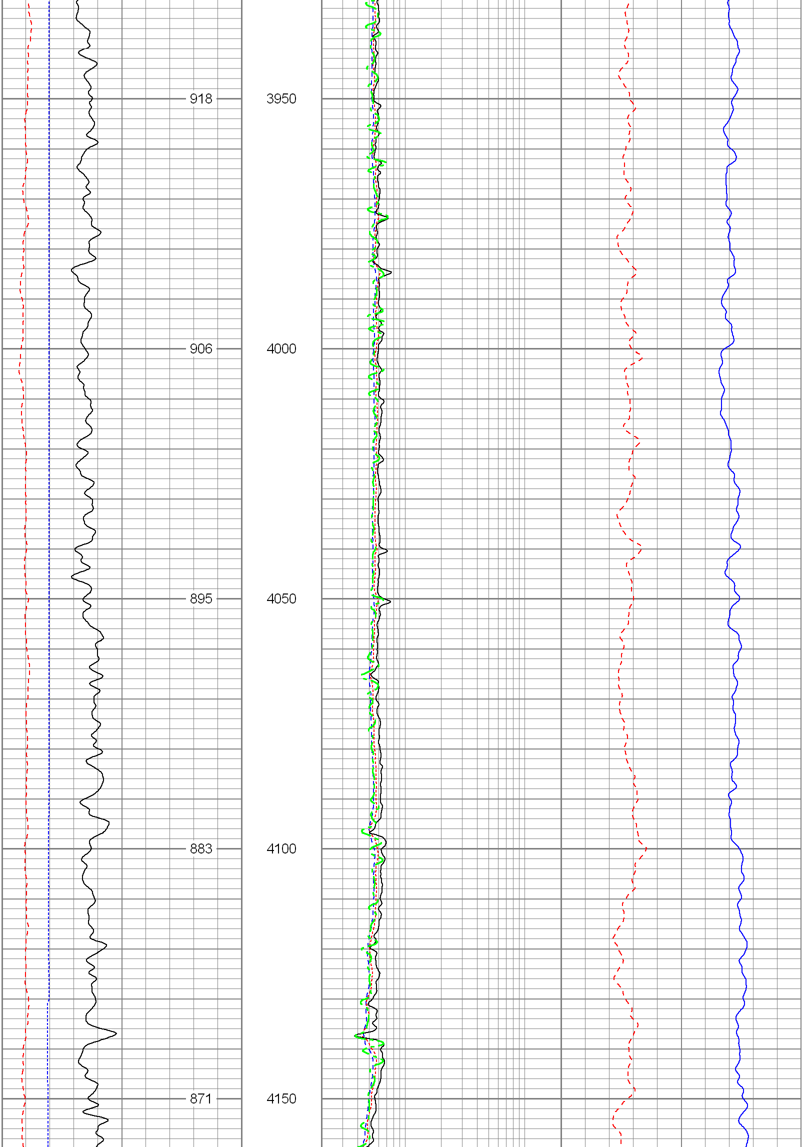
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

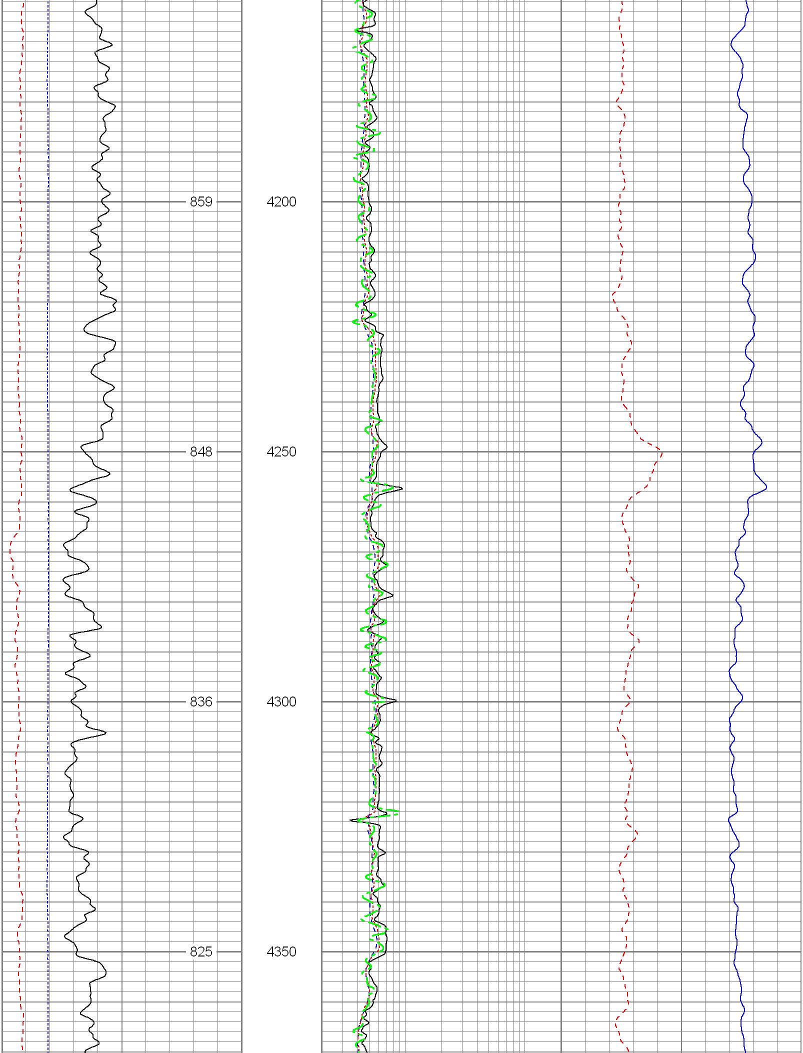
Comments

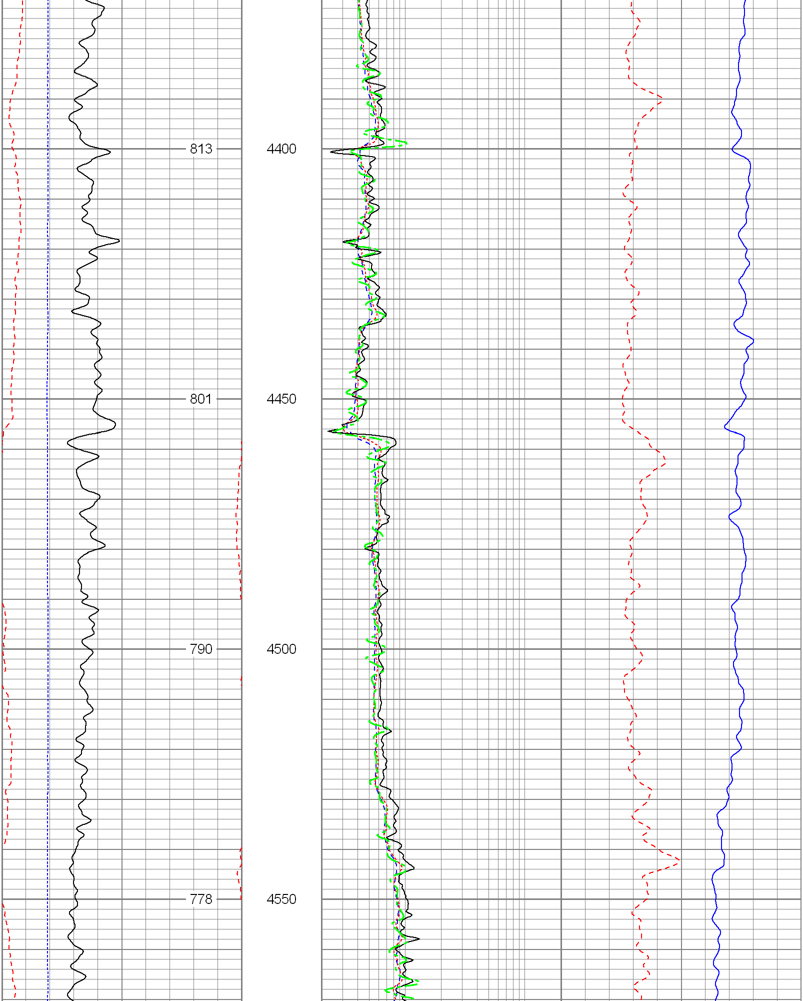
Annular volume calculated for 4.5" casing
Ensign Drilling Rig 17
Thank you for using Phoenix Surveys!!
API #: 05-123-33507-00

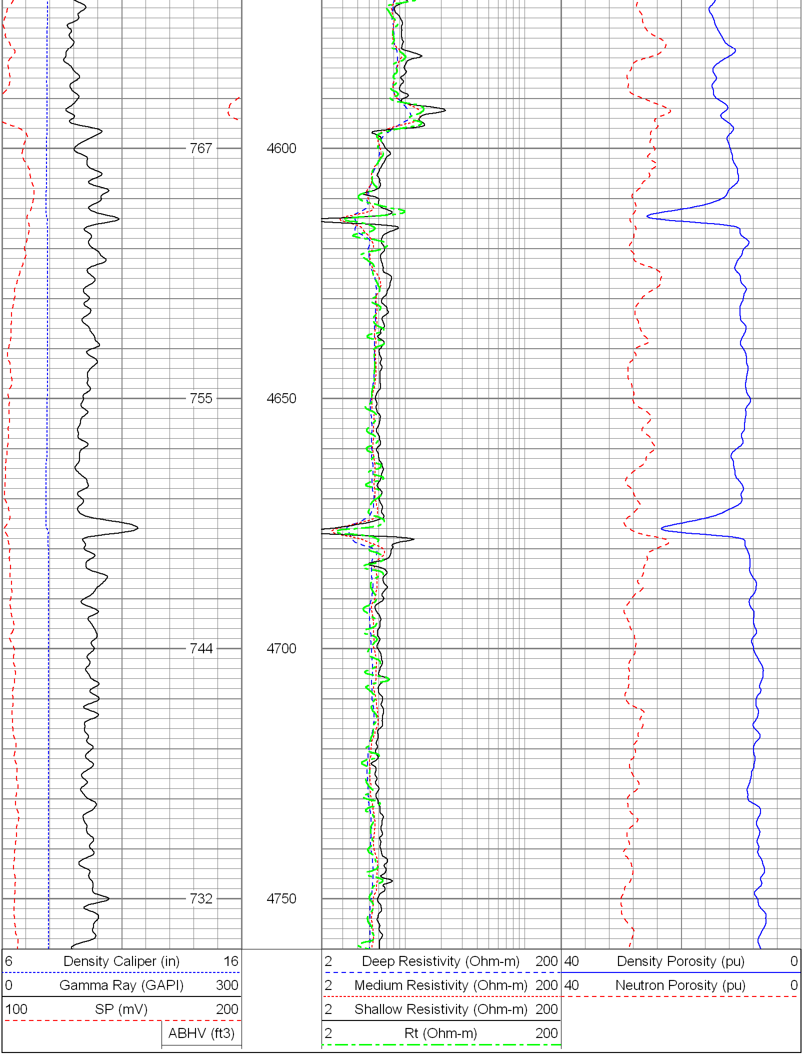
Database File:	12154.db
Dataset Pathname:	final
Presentation Format:	encana1
Dataset Creation:	Sun Nov 06 05:41:34 2011
Charted by:	Depth in Feet scaled 1:240











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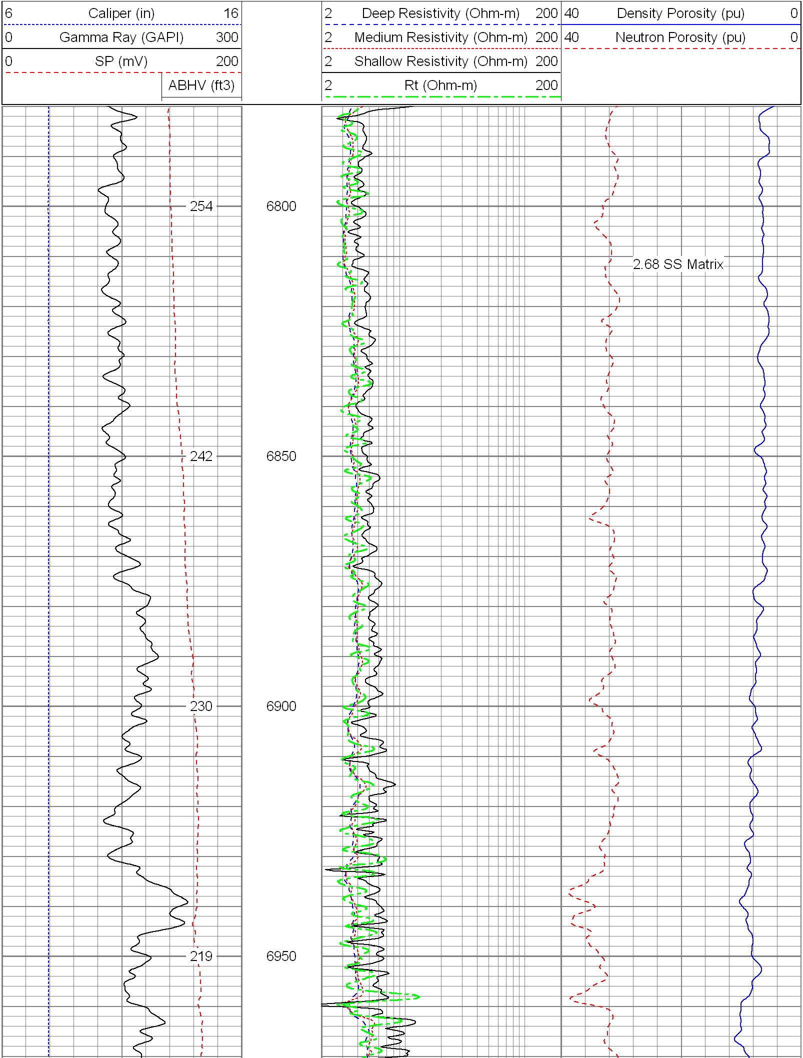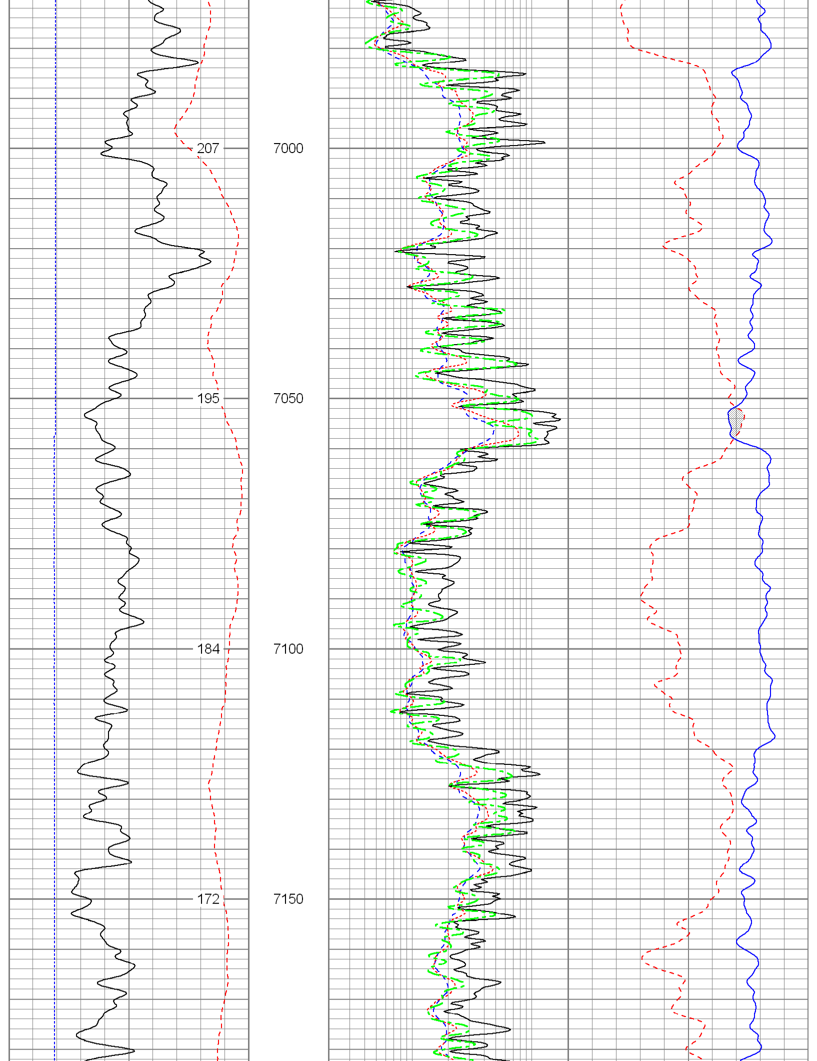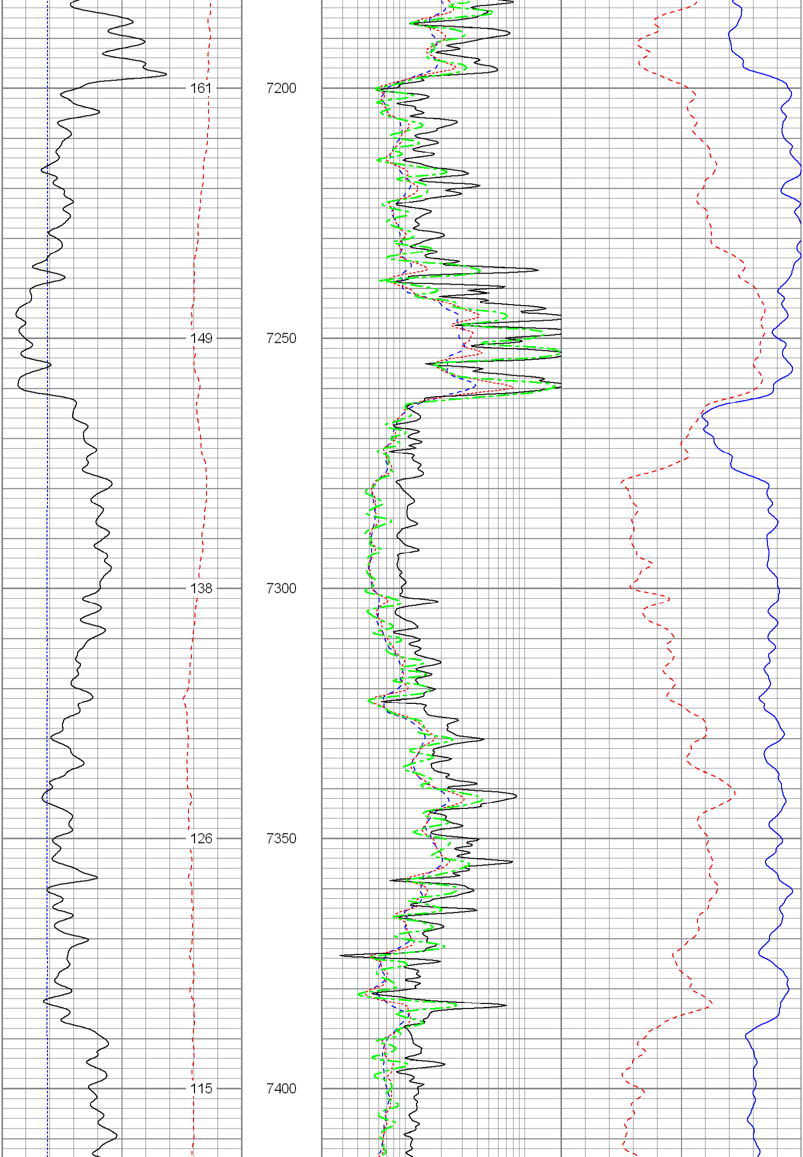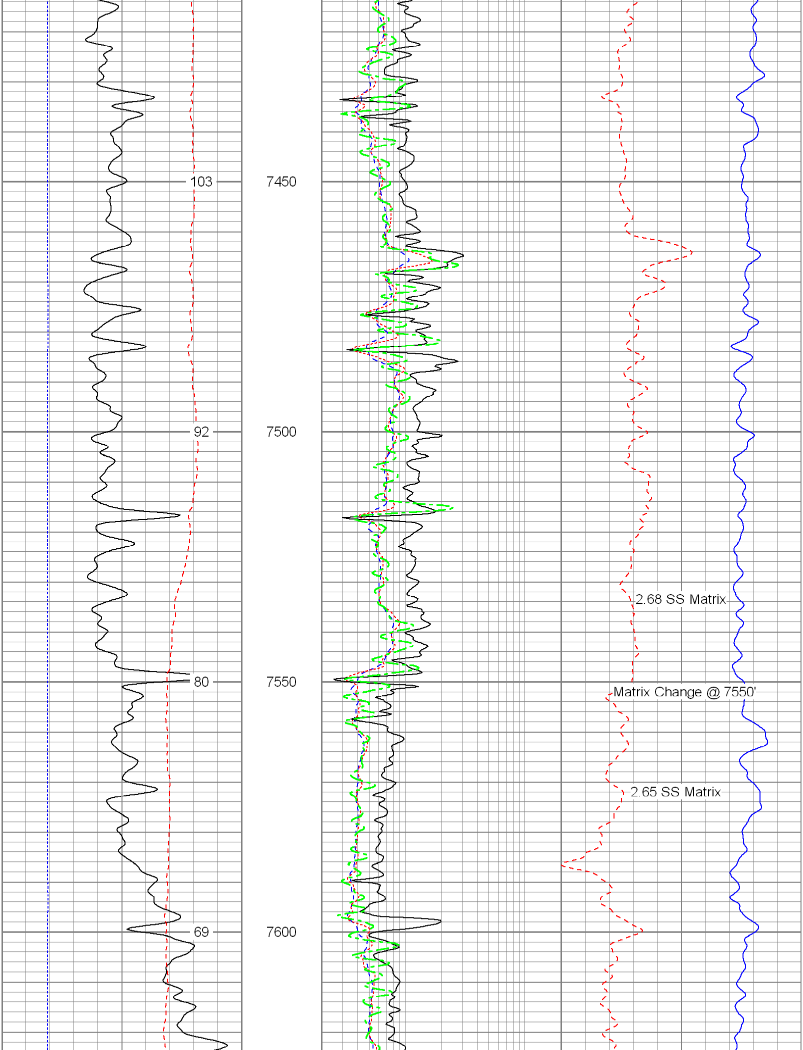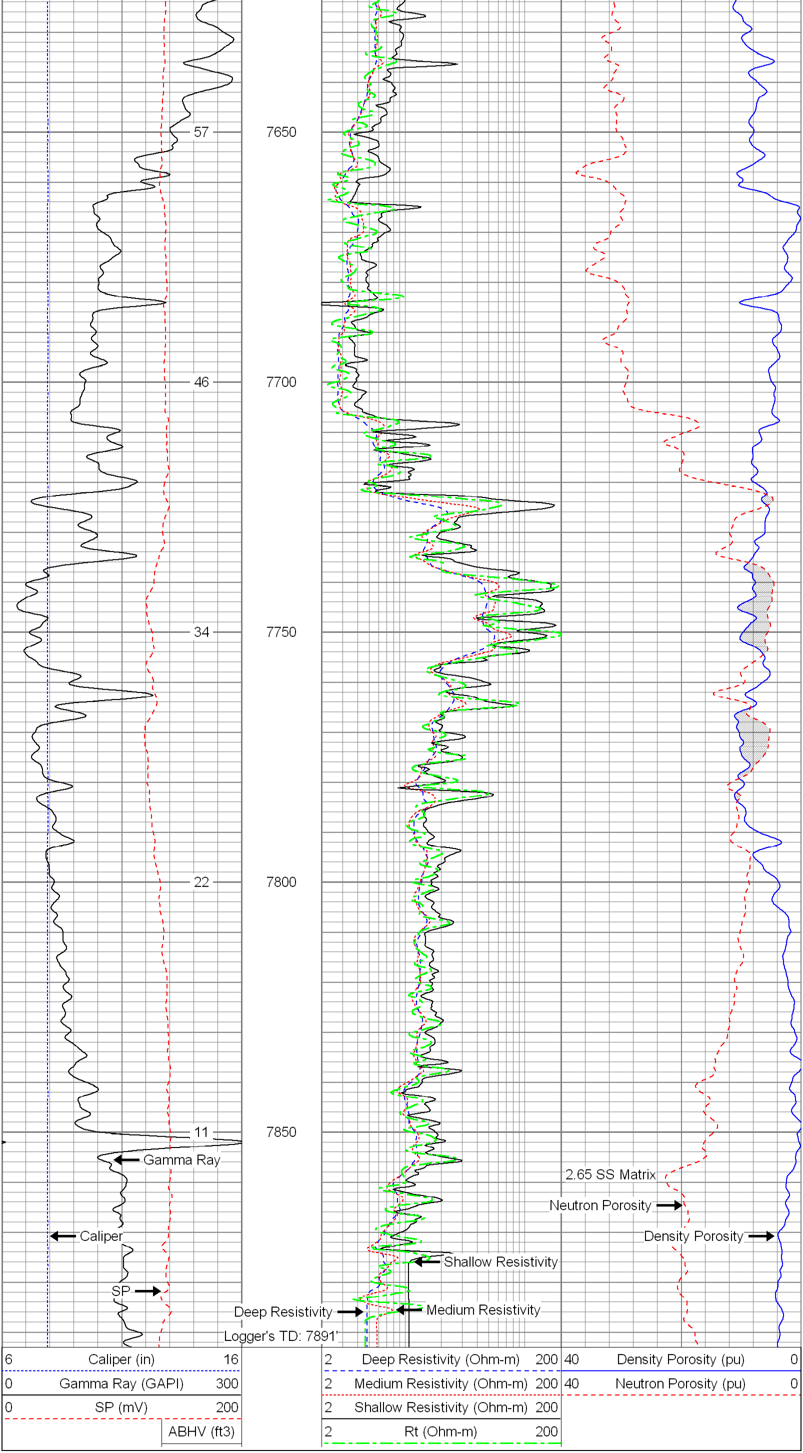
6 Caliper (in) 16
0 Gamma Ray (GAPI) 300
0 SP (mV) 200
ABHV (ft3)
2 Deep Resistivity (Ohm-m) 200
2 Medium Resistivity (Ohm-m) 200
2 Shallow Resistivity (Ohm-m) 200
2 Rt (Ohm-m) 200
40 Density Porosity (pu) 0
40 Neutron Porosity (pu) 0
254
6800
2.68 SS Matrix
242
6850
230
6900
219
6950