PHOENIX SURVEYS, INC.

HIGH RESOLUTION INDUCTION
COMPENSATED DENSITY
COMPENSATED NEUTRON

Company
Well
Field
County
State/Prv

Company	Encana Oil & Gas (USA) Inc.		
Well	Slater 4-4-28		
Field	Wattenberg		
County	Weld	State/Province	Colorado

Location
SHL: 1386' FSL & 1695' FEL NWSE
BHL: 2763' FNL & 2627' FEL NWSE
Sec. 28, Twp. 3N, Rge. 68W

Other Services
None

Permanent Datum	GL	Elevation	4962
Log Measured From	KB		
Drilling Measured From	KB		

Elevation
K.B. 4975
D.F. 4975
G.L. 4962

Date	January 25, 2012		
Run Number	1		
Depth Driller	7962		
Depth Logger	7967		
Bottom Logged Interval	7967		
Top Log Interval	Casing		
Casing Driller	1009		
Casing Logger	1009		
Bit Size	7-7/8"		
Type Fluid in Hole	Chem Gel		
Density / Viscosity	10.1 / 39		
pH / Fluid Loss	8.0 / 7.0		
Source of Sample	Flowline		
Rm @ Meas. Temp	3.15 @ 65 F		
Rmf @ Meas. Temp	2.52 @ 65 F		
Rmc @ Meas. Temp	3.78 @ 65 F		
Source of Rmf / Rmc	Measure / Calc		
Rm @ BHT	0.89 @ 230 F		
Time Circulation Stopped	2100 1/24/2012		
Time Logger on Bottom	0830		
Maximum Recorded Temperature	230 F		
Equipment Number	50		
Location	Brighton, CO		
Recorded By	Kelly Keever		
Witnessed By	Dennis Zarosky		

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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.

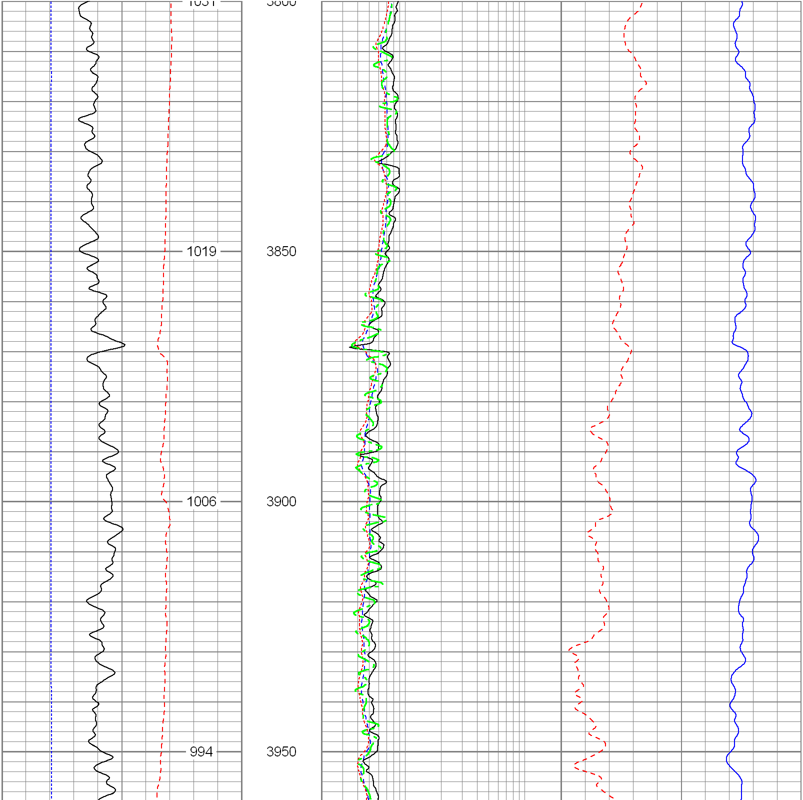
Comments

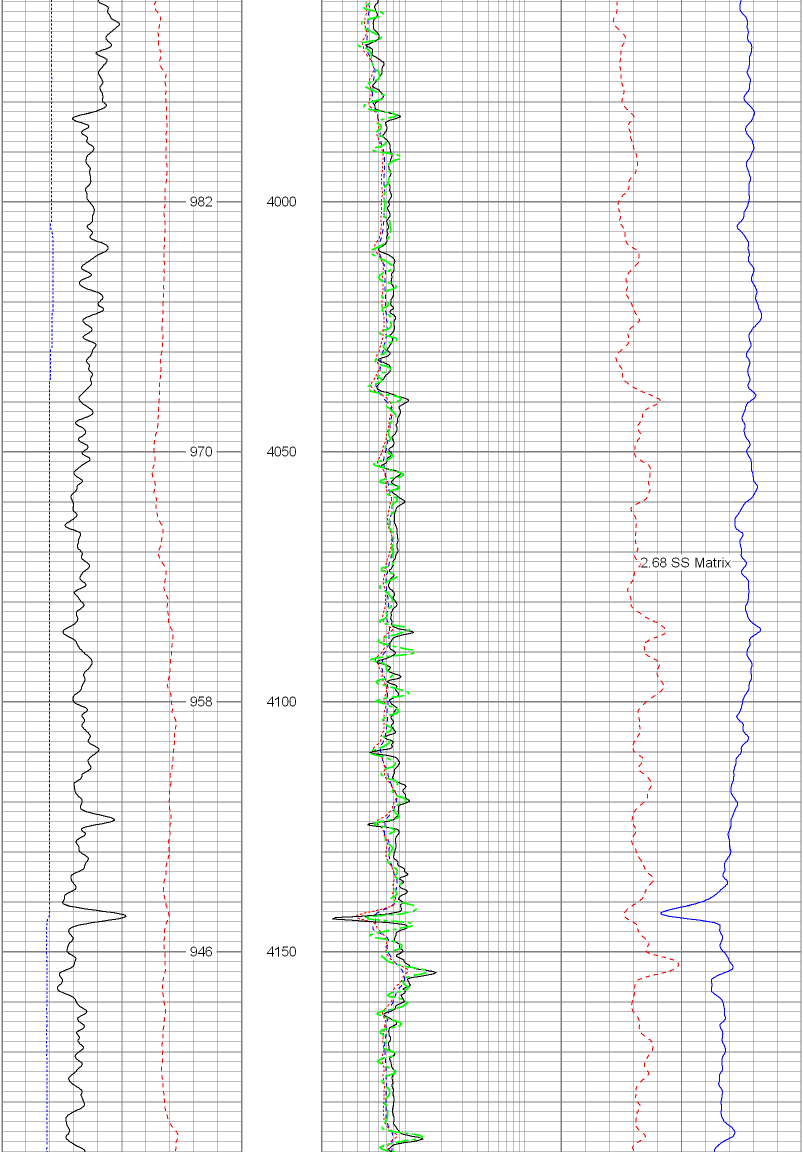
Annular volume calculated for 4.5" casing
Ensign Drilling Rig 124
Thank you for using Phoenix Surveys!!
API #: 05-123-34692-00

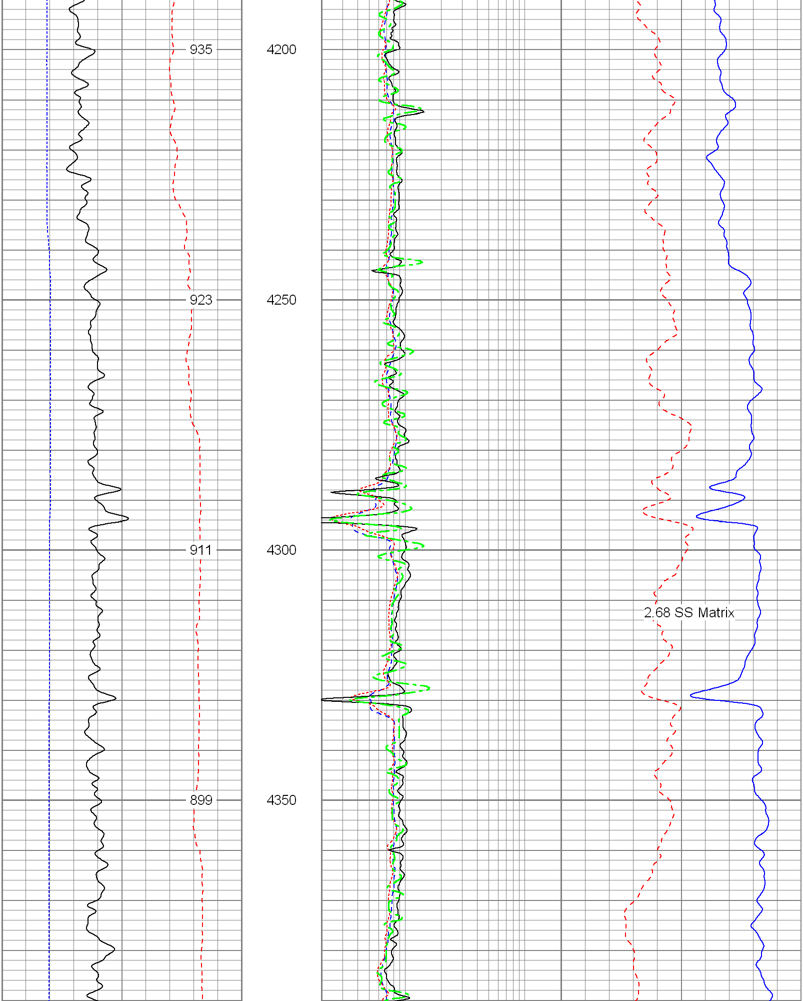
No Repeat due to hole conditions!!

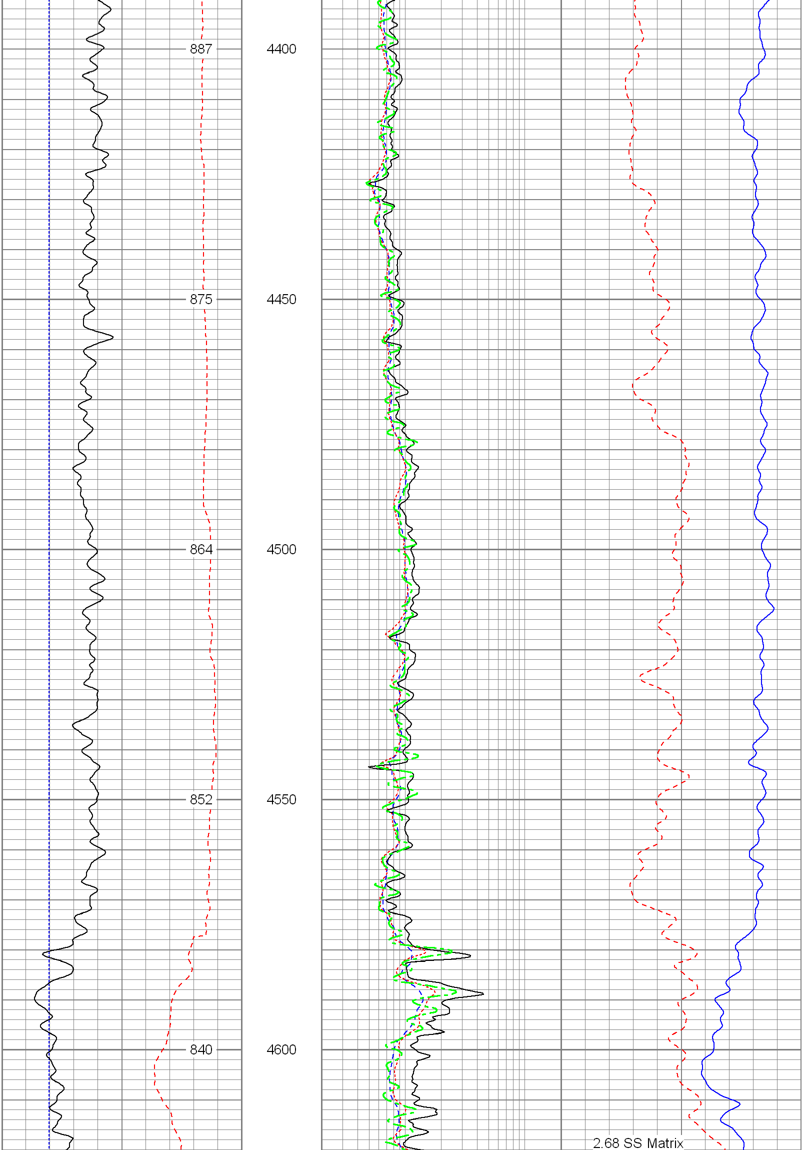
Database File: 12548.db
Dataset Pathname: final1
Presentation Format: encana
Dataset Creation: Wed Jan 25 10:10:05 2012
Charted by: Depth in Feet scaled 1:240

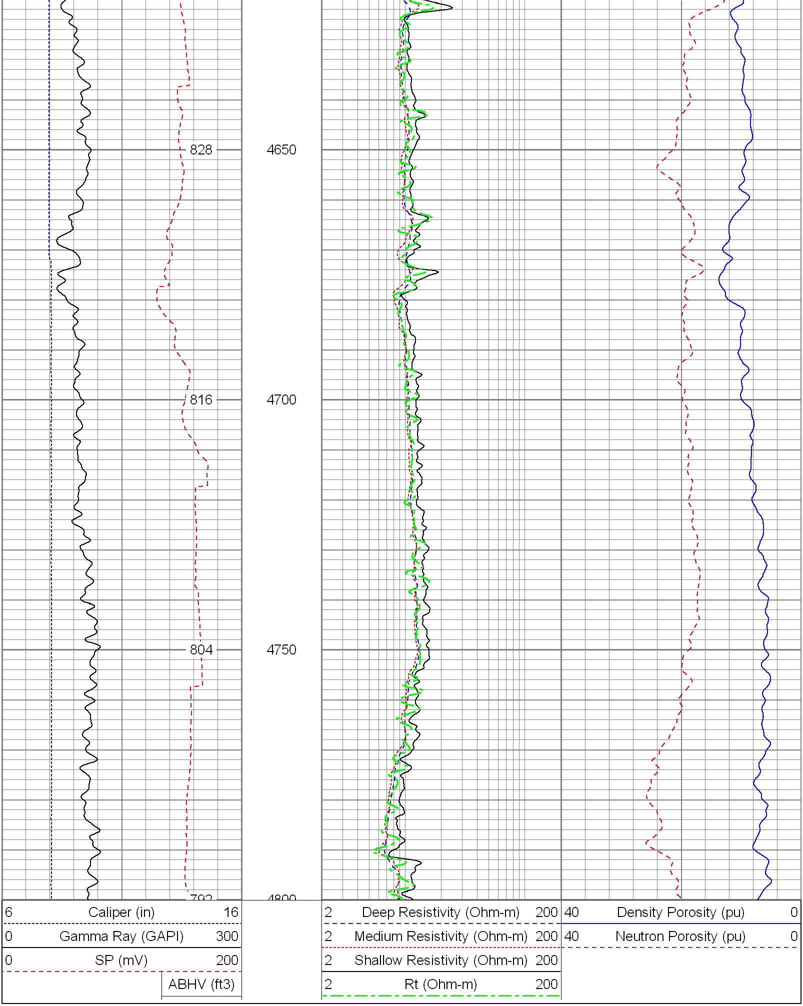
6 Caliper (in) 16	2 Deep Resistivity (Ohm-m) 200	40 Density Porosity (pu) 0
0 Gamma Ray (GAPI) 300	2 Medium Resistivity (Ohm-m) 200	40 Neutron Porosity (pu) 0
0 SP (mV) 200	2 Shallow Resistivity (Ohm-m) 200	
ABHV (ft3)	2 Rt (Ohm-m) 200	











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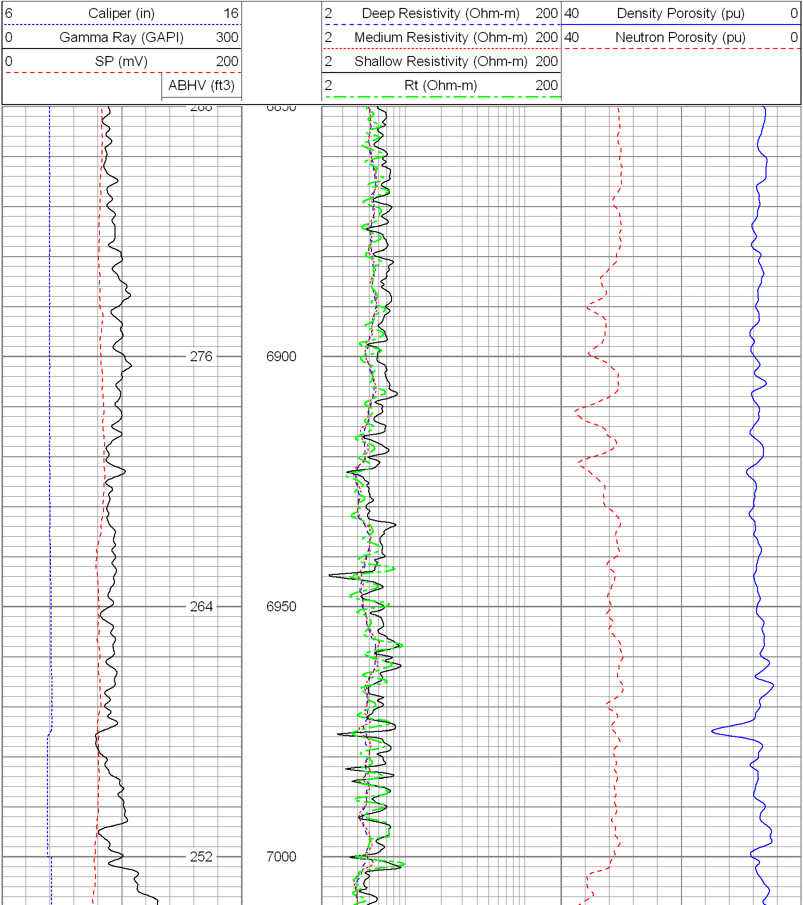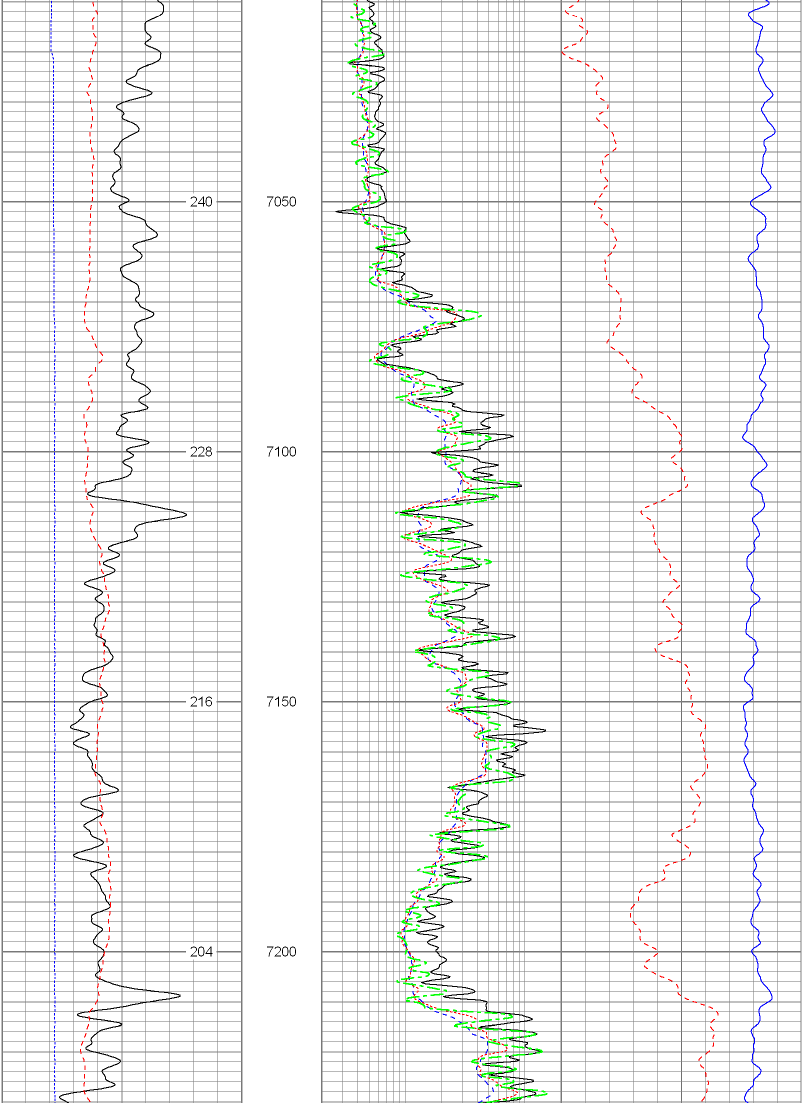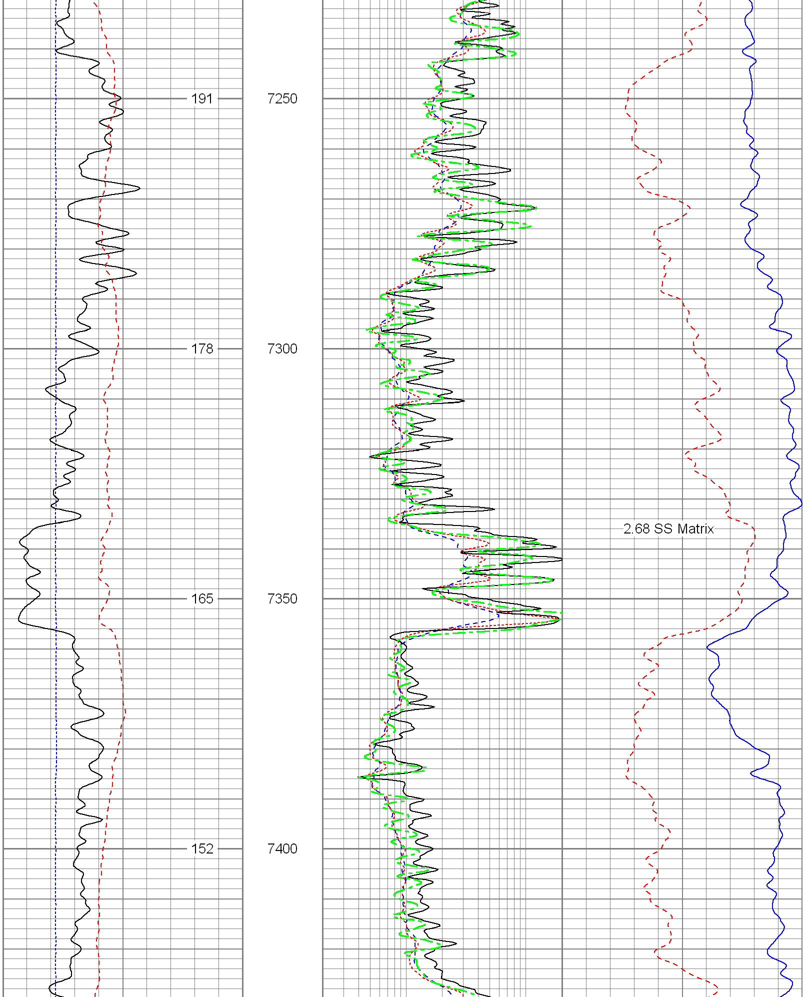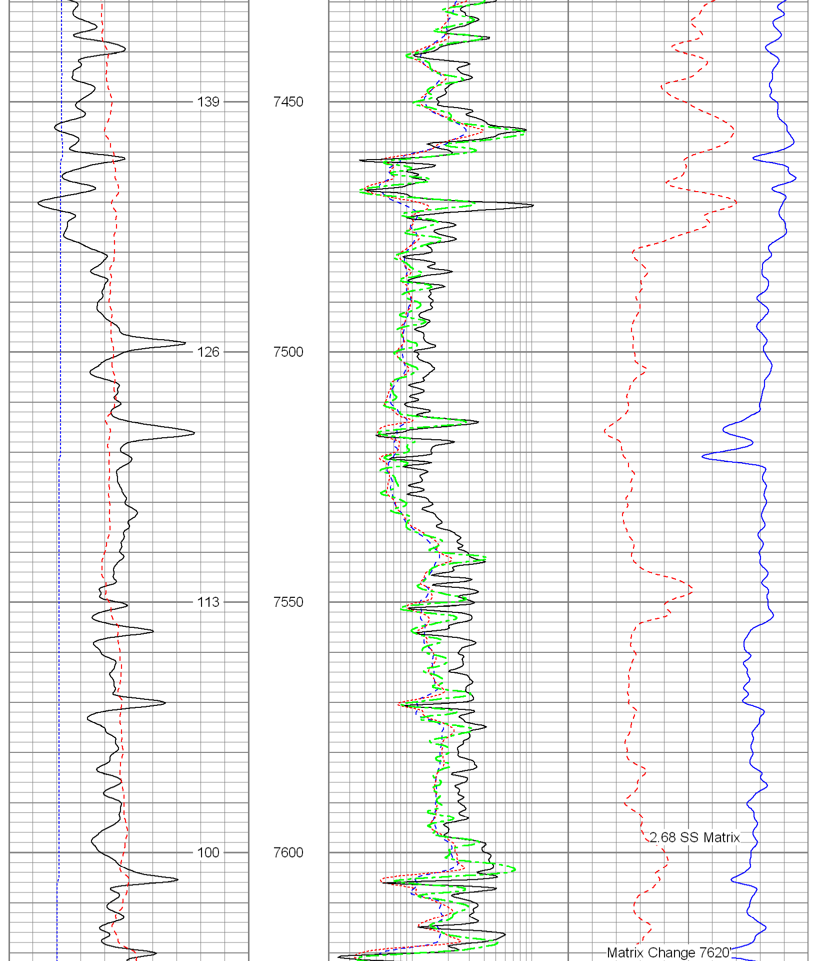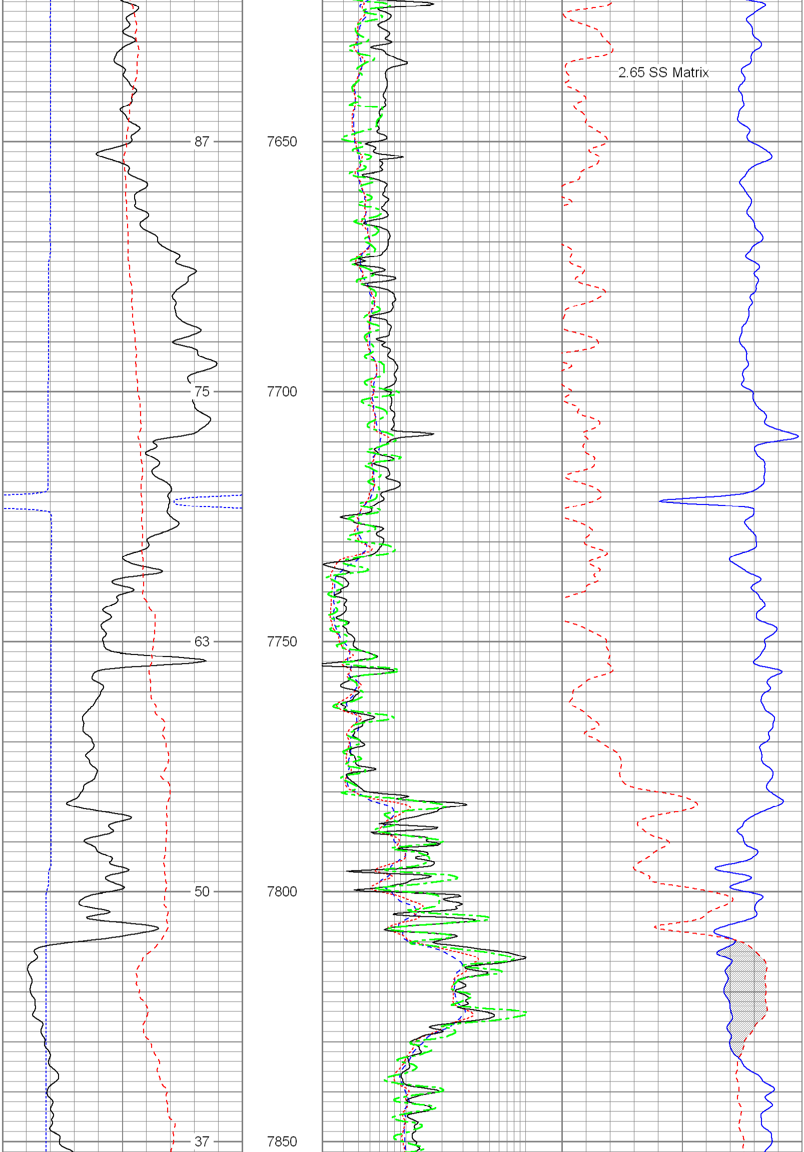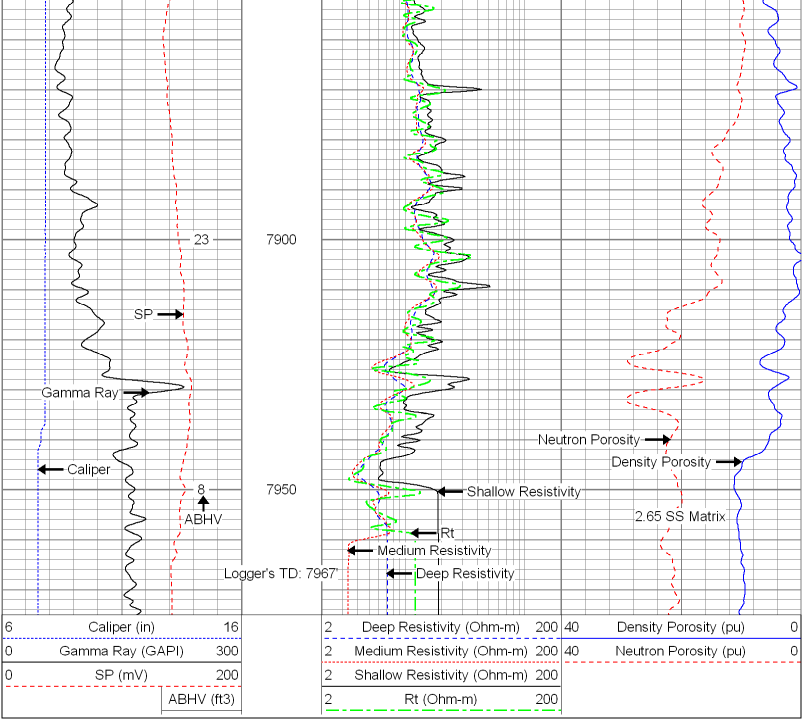
6 Caliper (in) 16
0 Gamma Ray (GAPI) 300
0 SP (mV) 200
ABHV (ft3)
2 Deep Resistivity (Ohm-m) 200
2 Medium Resistivity (Ohm-m) 200
2 Shallow Resistivity (Ohm-m) 200
2 Rt (Ohm-m) 200
40 Density Porosity (pu) 0
40 Neutron Porosity (pu) 0
276
6900
264
6950
252
7000