PHOENIX SURVEYS, INC.

PSI

HIGH RESOLUTION INDUCTION
COMPENSATED DENSITY
COMPENSATED NEUTRON

Company
Well
Field
County
State/Prv

Company	**EnCana Oil & Gas (USA) Inc**
Well	**Aristocrat Angus 6-4-2**
Field	**Wattenberg**
County	**Weld**
State/Province	**Colorado**

Location
SHL: 654' FSL & 2208' FEL SWSE
BHL: 2620' FSL & 1340' FEL NESE
Sec. 2, Twp. 3N, Rge. 65W

Other Services
None

Permanent Datum	GL	Elevation	4781
Log Measured From	KB		
Drilling Measured From	KB		

Elevation
K.B. 4794
D.F. 4793
G.L. 4781

Date	December 22, 2011		
Run Number	1		
Depth Driller	8140		
Depth Logger	8135		
Bottom Logged Interval	8135		
Top Log Interval	Casing		
Casing Driller	757		
Casing Logger	757		
Bit Size	7-7/8"		
Type Fluid in Hole	Chem Gel		
Density / Viscosity	9.5 / 60		
pH / Fluid Loss	8.0 9.6		
Source of Sample	Flowline		
Rm @ Meas. Temp	3.65 @ 60 F		
Rmf @ Meas. Temp	2.92 @ 60 F		
Rmc @ Meas. Temp	3.38 @ 60 F		
Source of Rmf / Rmc	Measure / Calc		
Rm @ BHT	1.10 @ 232 F		
Time Circulation Stopped	1445 12/21		
Time Logger on Bottom	0100		
Maximum Recorded Temperature	232 F		
Equipment Number	50		
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

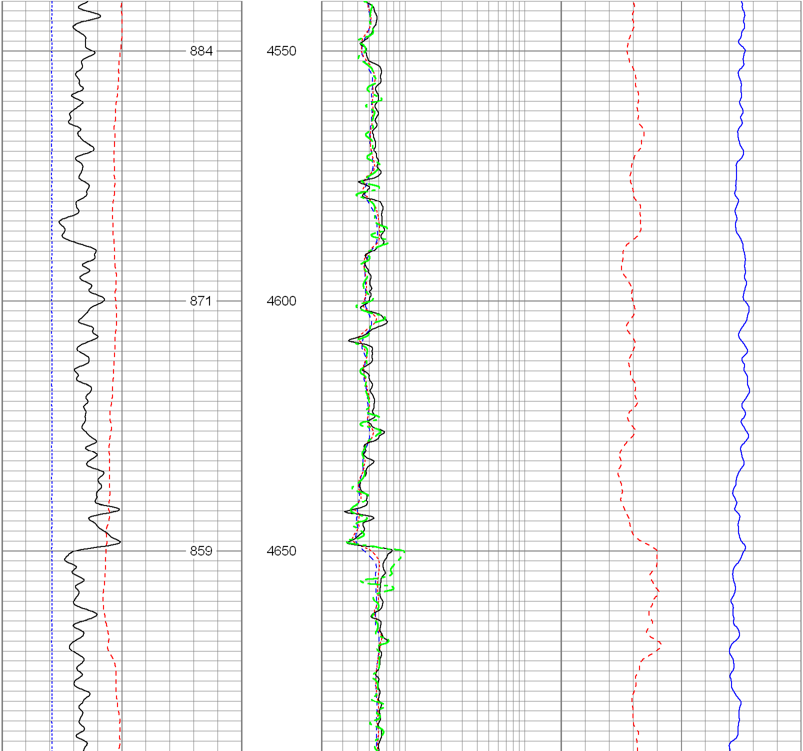
Annular volume calculated for 4-1/2" casing
Ensign Drilling Rig 17
Thank you for using Phoenix Surveys!!
API #: 05-123-33027-00

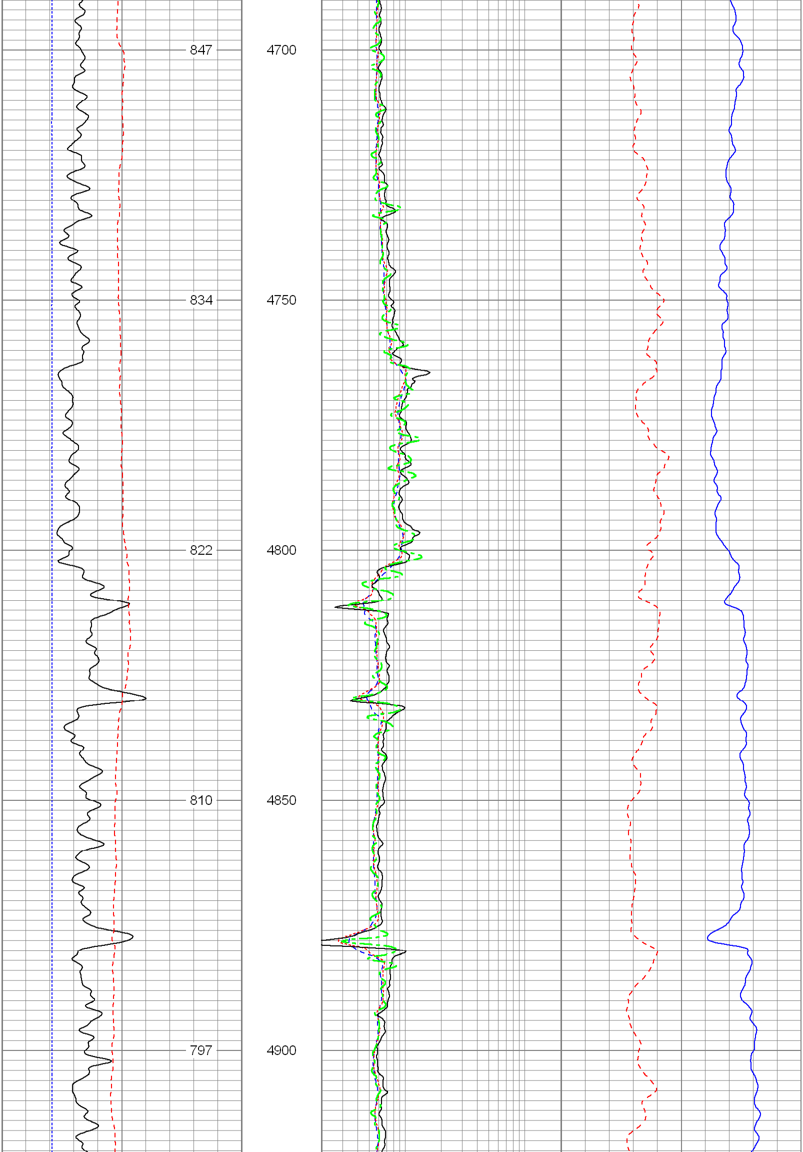
Database File:	12491.db
Dataset Pathname:	final
Presentation Format:	encana
Dataset Creation:	Thu Dec 22 01:54:54 2011
Charted by:	Depth in Feet scaled 1:240

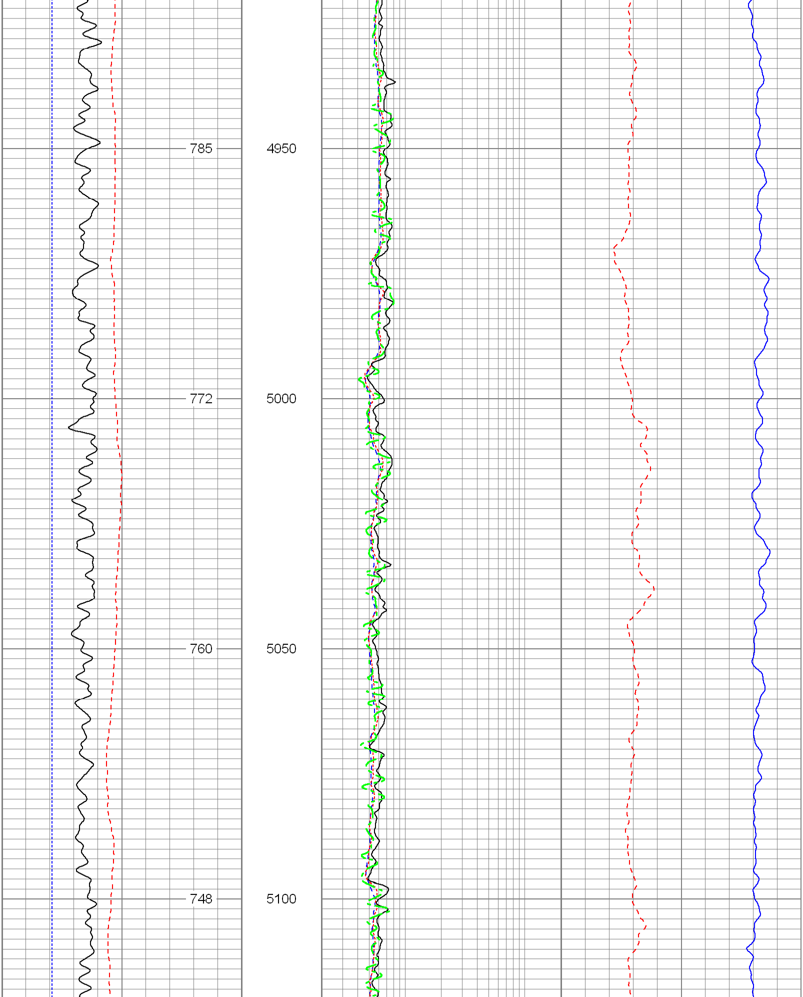
6 Caliper (in) 16
0 Gamma Ray (GAPI) 300
0 SP (mV) 200
ABHV (ft3)

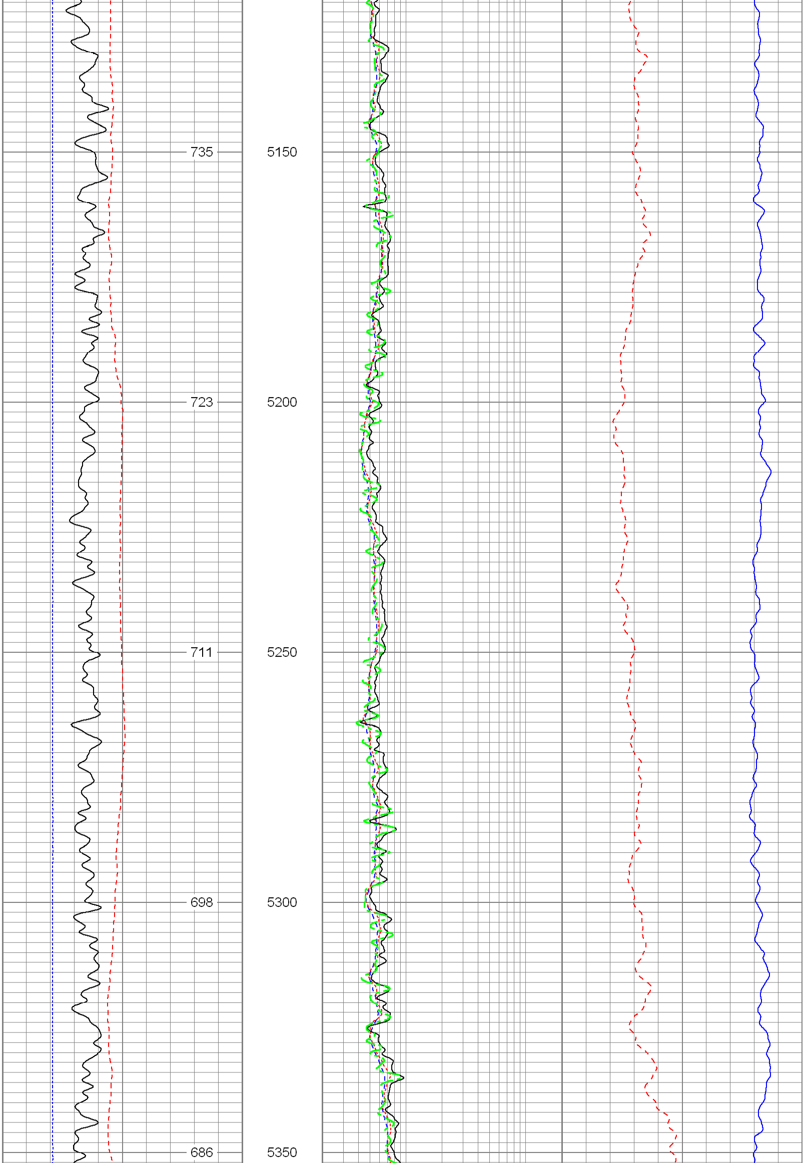
2 Deep Resistivity (Ohm-m) 200
2 Medium Resistivity (Ohm-m) 200
2 Shallow Resistivity (Ohm-m) 200
2 Rt (Ohm-m) 200

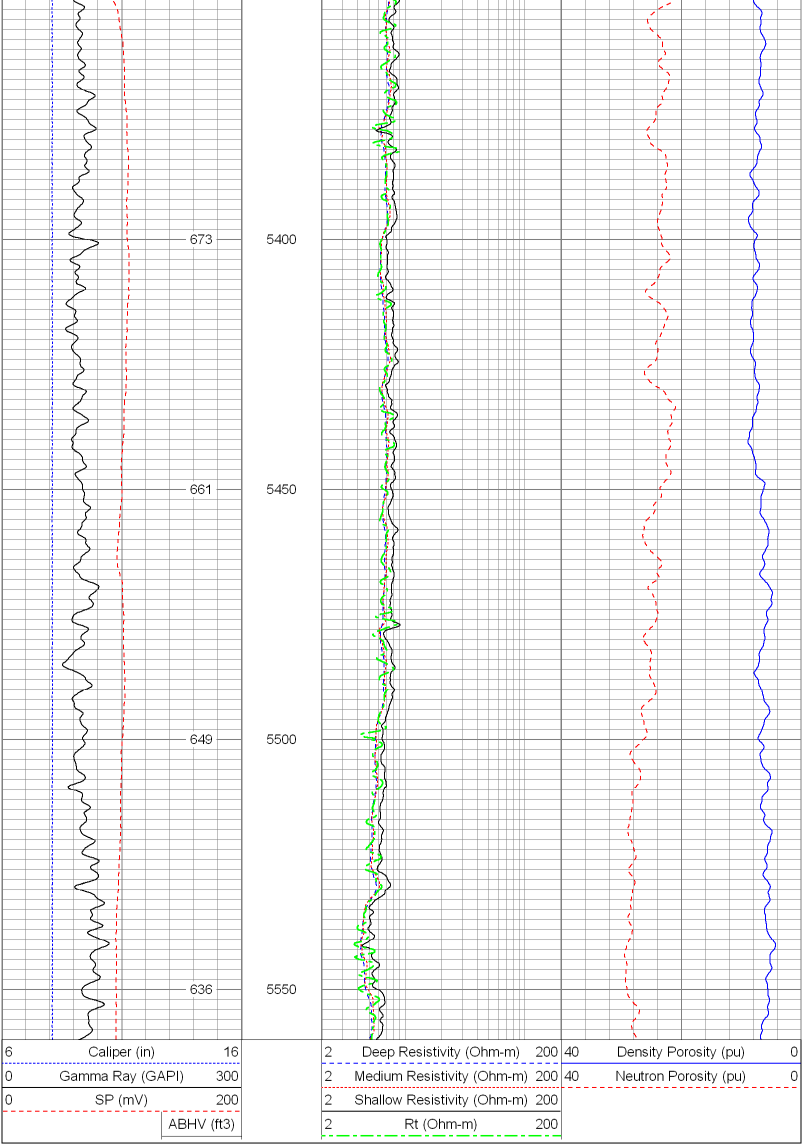
40 Density Porosity (pu) 0
40 Neutron Porosity (pu) 0











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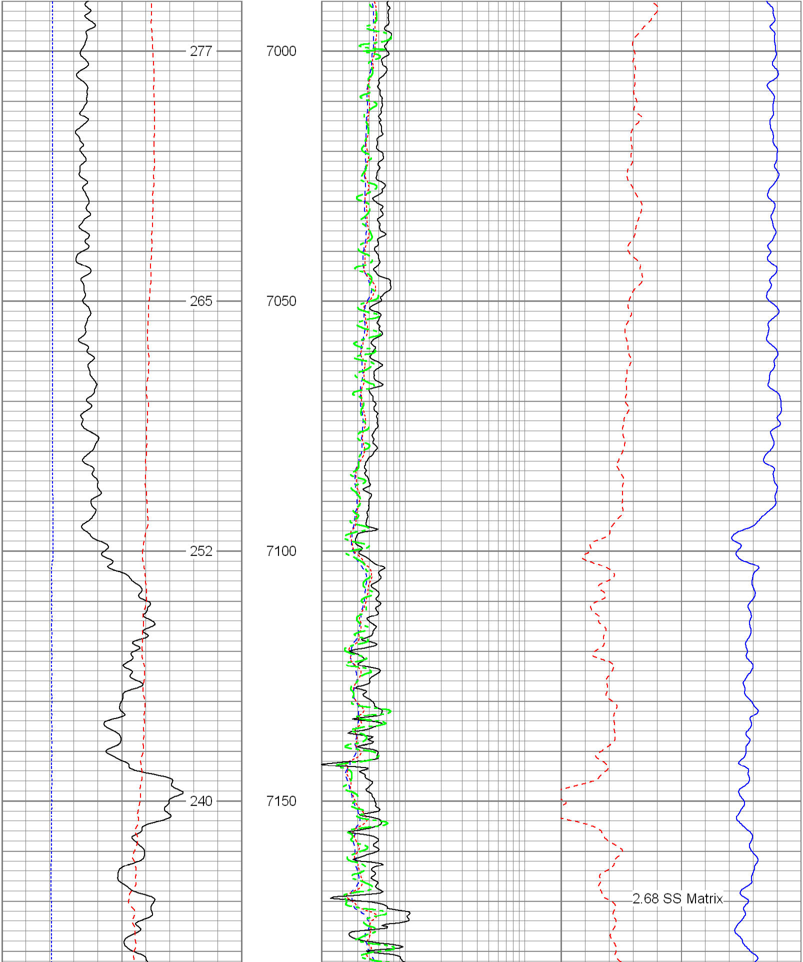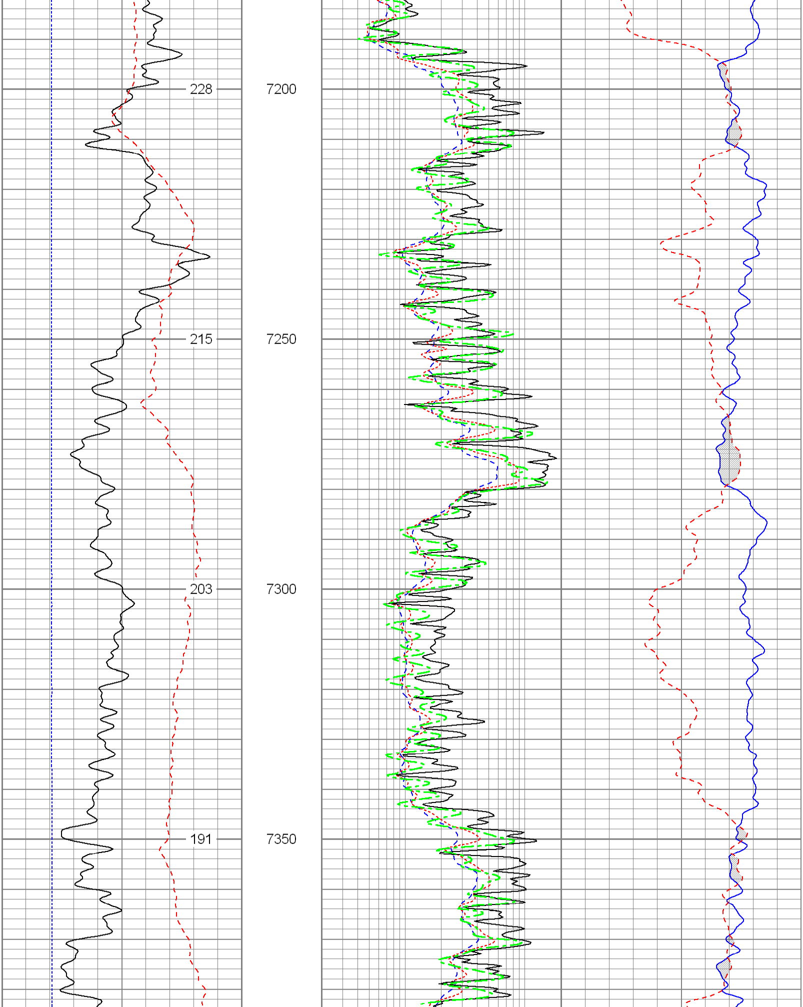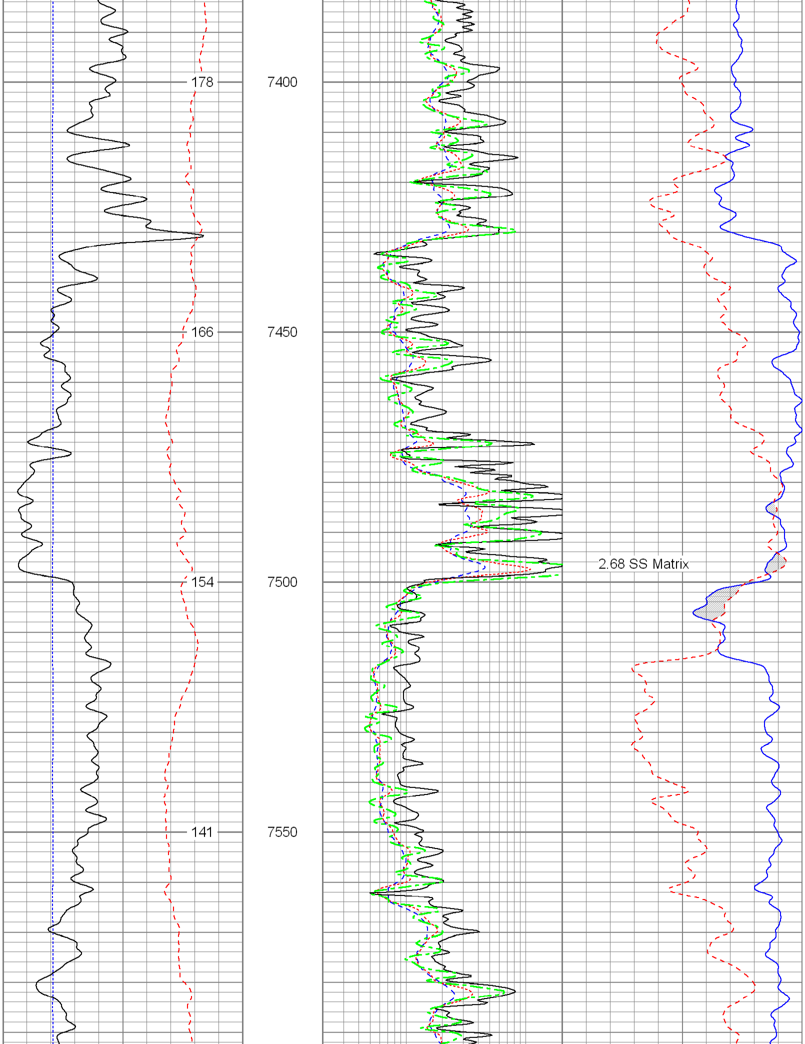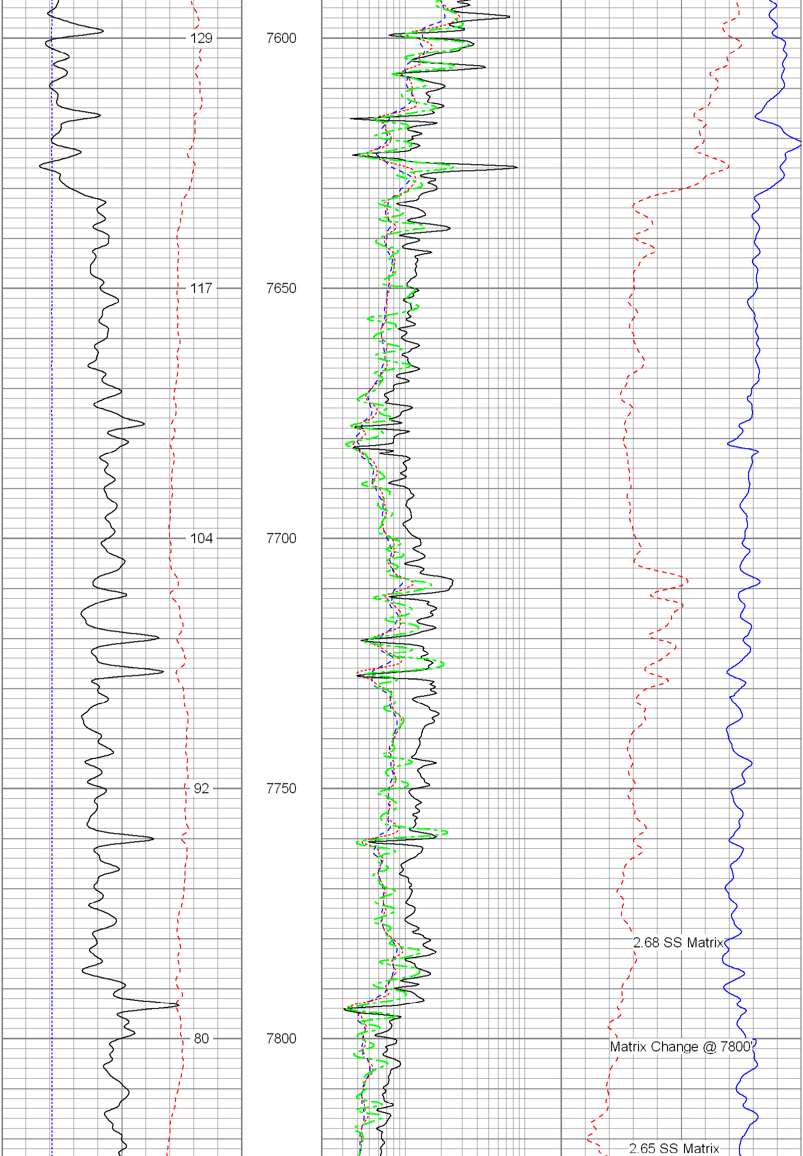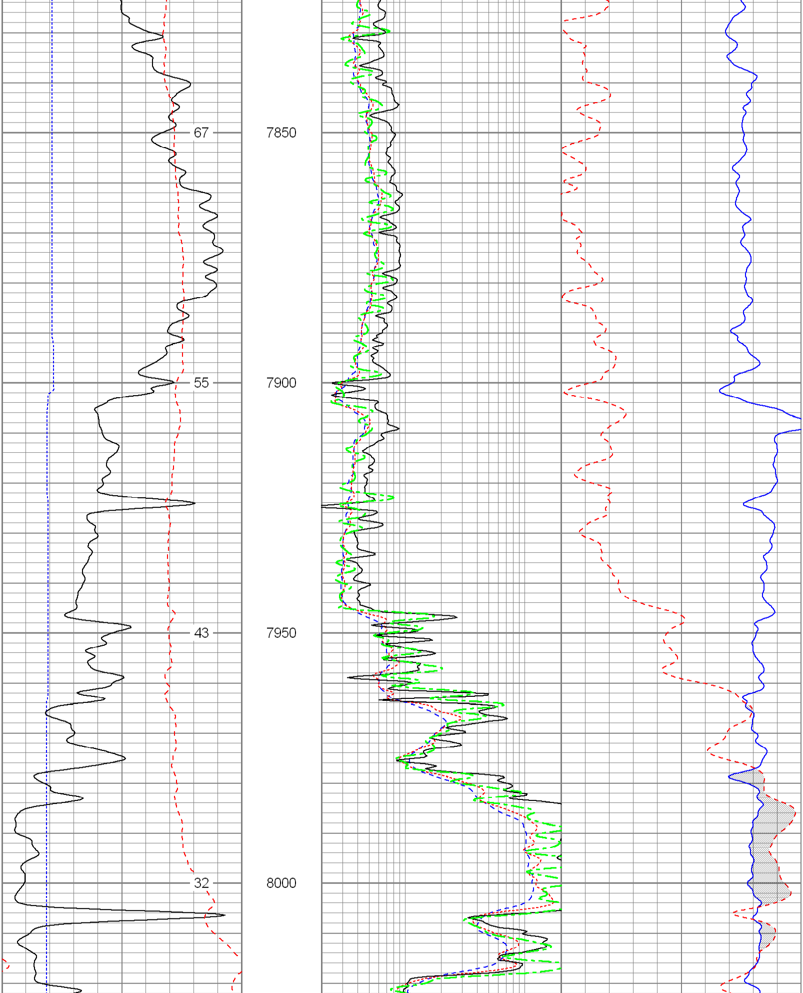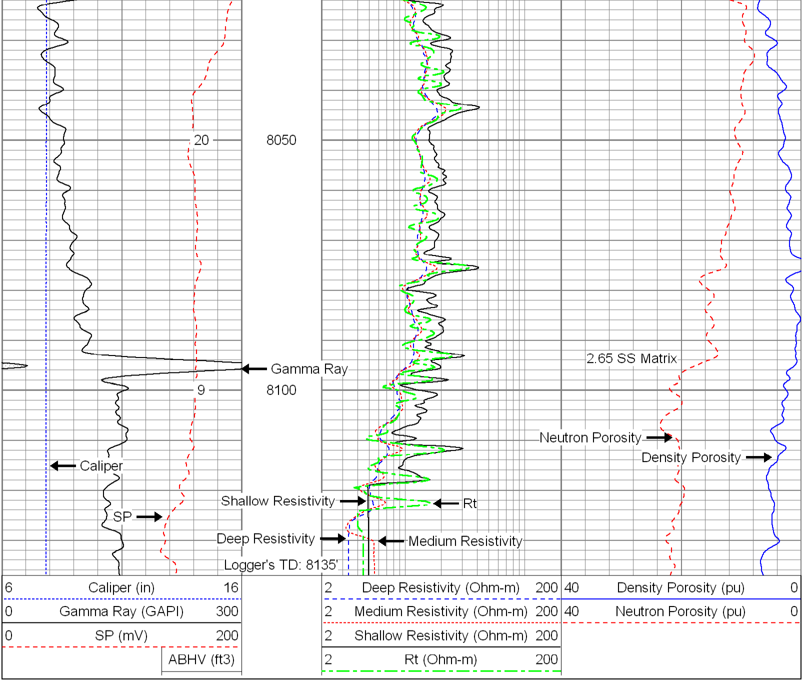6	Caliper (in)	16		2	Deep Resistivity (Ohm-m)	200	40 Density Porosity (pu) 0
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	ABHV (ft3)			2	Rt (Ohm-m)	200