PHOENIX SURVEYS, INC.

COMPENSATED DENSITY
COMPENSATED NEUTRON
DUAL INDUCTION

Company
Well
Field
County
State/Prv

Company	EnCana Oil & Gas (USA) Inc		
Well	Bickler 23-34		
Field	Wattenberg		
County	Weld	State/Province	Colorado

Location
SHL: 2426' FSL & 2412' FWL
BHL: 2015' FSL & 1830 FWL
NE SW Sec. 34, Twp. 1N, Rge. 68W

Other Services
None

Elevation
K.B. 5186
D.F. 5185
G.L. 5171

Permanent Datum	GL	Elevation	5171
Log Measured From	KB		
Drilling Measured From	KB		

Date	August 26, 2008		
Run Number	1		
Depth Driller	8655		
Depth Logger	8649		
Bottom Logged Interval	8649		
Top Log Interval	Casing		
Casing Driller	1107		
Casing Logger	1107		
Bit Size	7-7/8"		
Type Fluid in Hole	Chem Gel		
Density / Viscosity	9.8 / 60		
pH / Fluid Loss	8.0 / 11.2		
Source of Sample	Flowline		
Rm @ Meas. Temp	3.45 @ 77° F		
Rmf @ Meas. Temp	2.59 @ 77° F		
Rmc @ Meas. Temp	4.31 @ 77° F		
Source of Rmf / Rmc	Measure / Calc		
Rm @ BHT	1.14 @ 221° F		
Time Circulation Stopped	0030		
Time Logger on Bottom	0830		
Maximum Recorded Temperature	221° F		
Equipment Number	4400		
Location	Brighton, CO		
Recorded By	Eric Christensen		
Witnessed By	Craig Hope		

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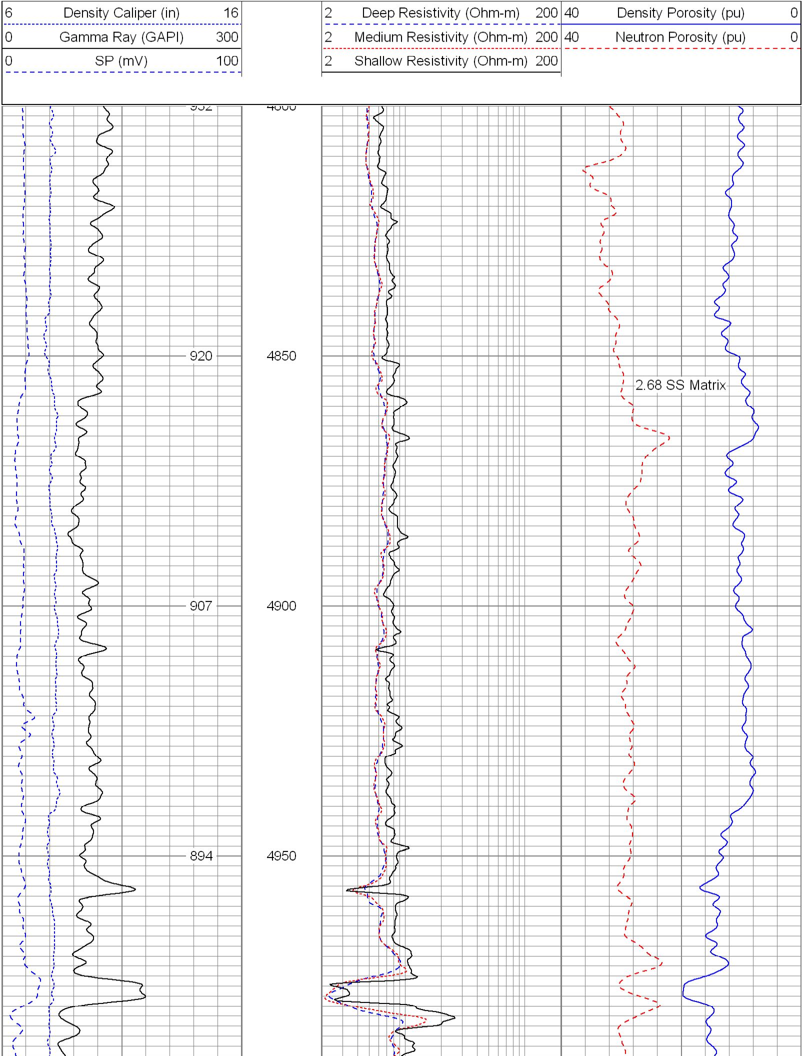
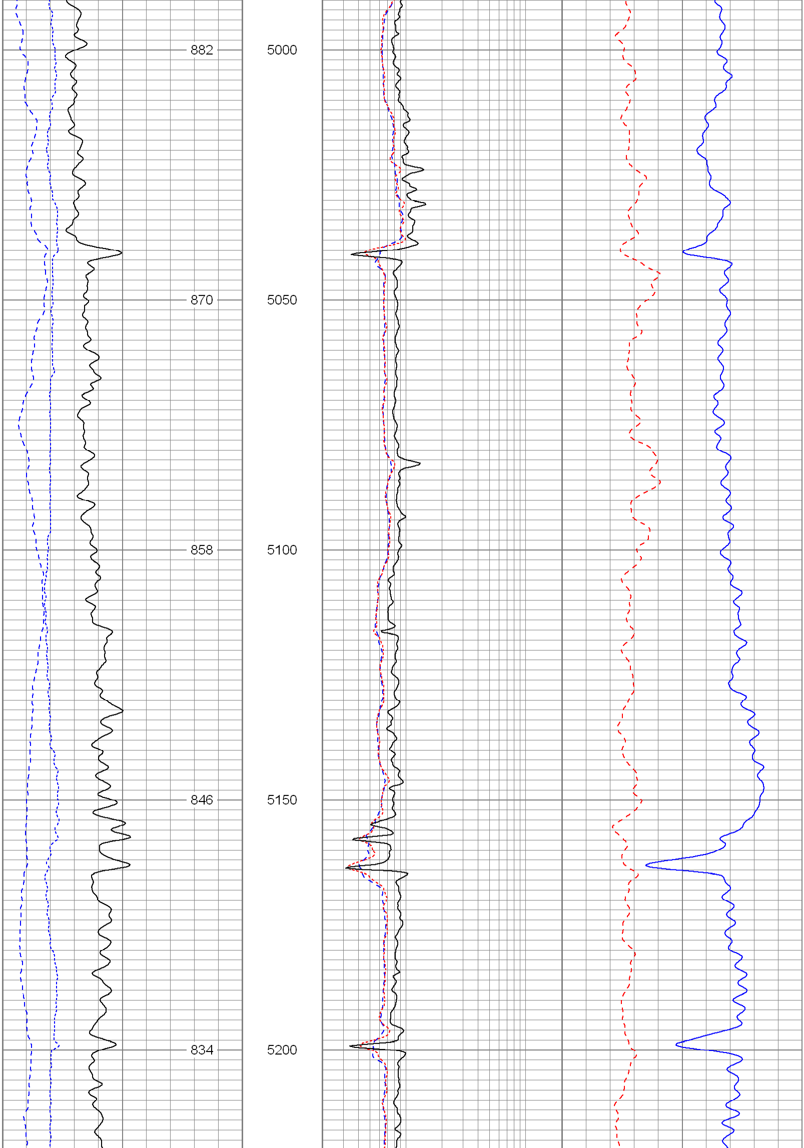
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

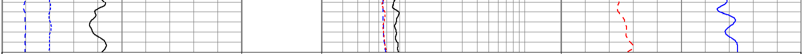
Comments

Annular volume calculated for 4-1/2" casing
Patterson UTI Rig 34
Thank you for using Phoenix Surveys!!
API #: 05-123-26607-00

Database File: 9087.db
Dataset Pathname: pass3
Presentation Format: encana1
Dataset Creation: Tue Aug 26 08:46:22 2008 by Log Open-Cased 061129
Charted by: Depth in Feet scaled 1:240







6	Density 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)	100	2	Shallow Resistivity (Ohm-m)	200			

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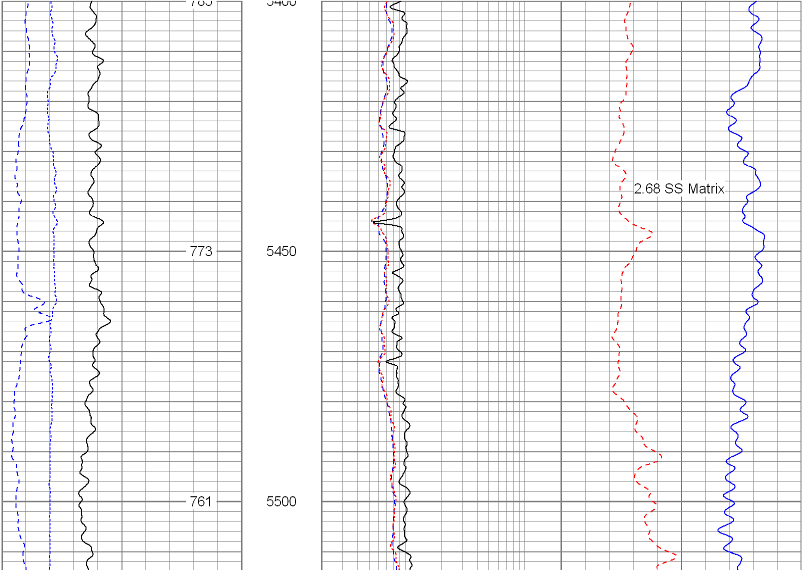

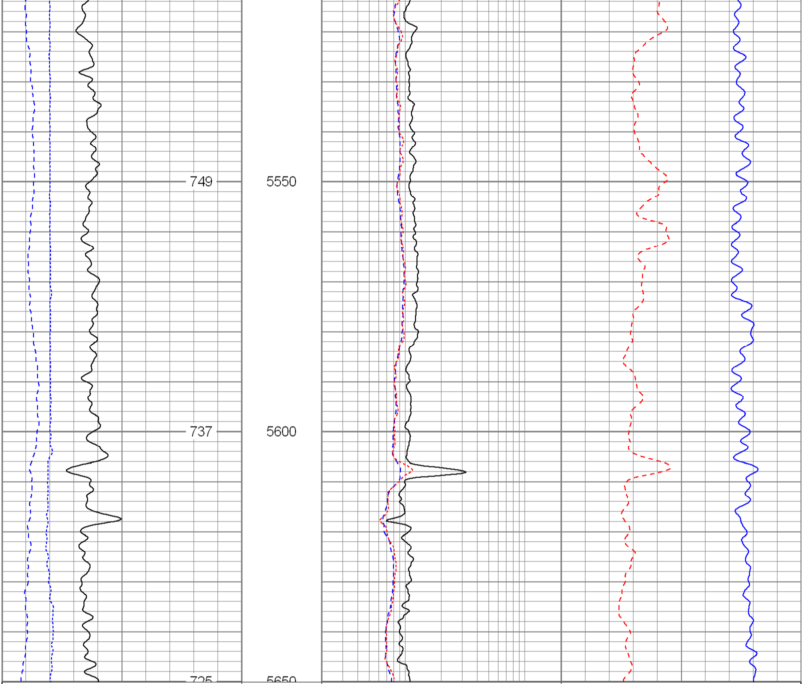

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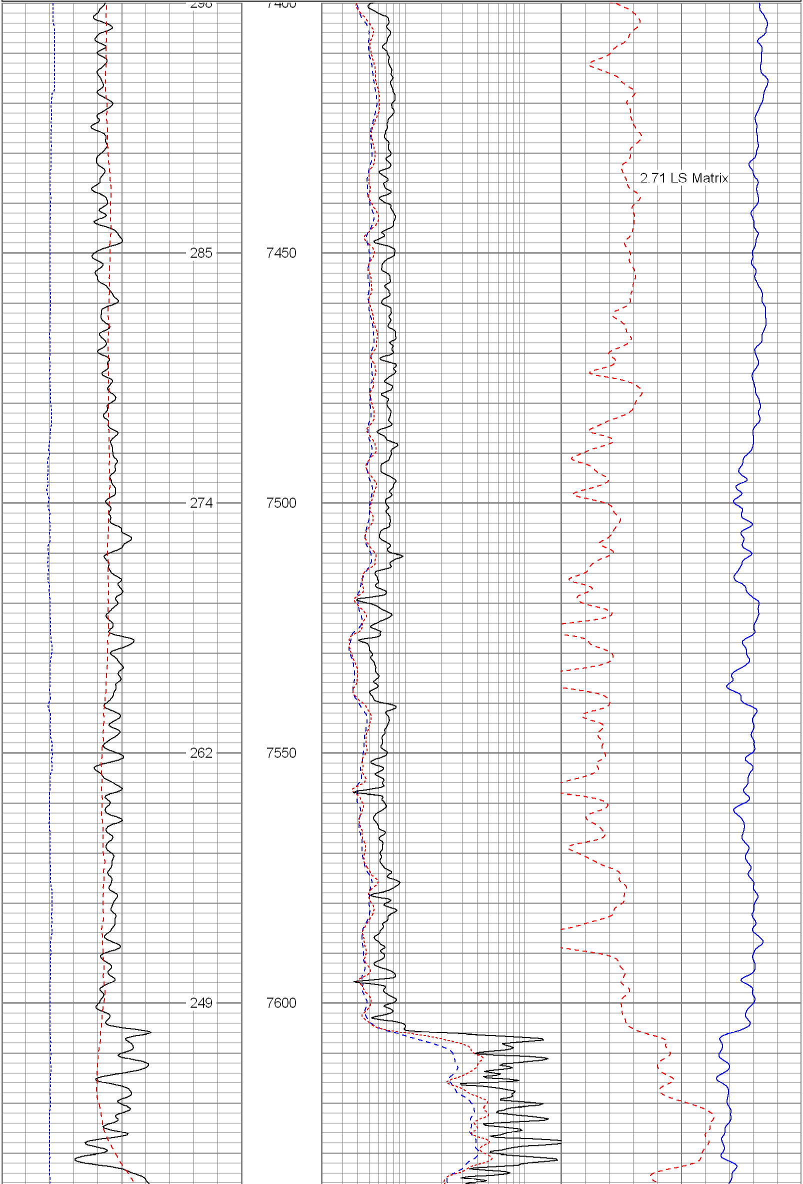
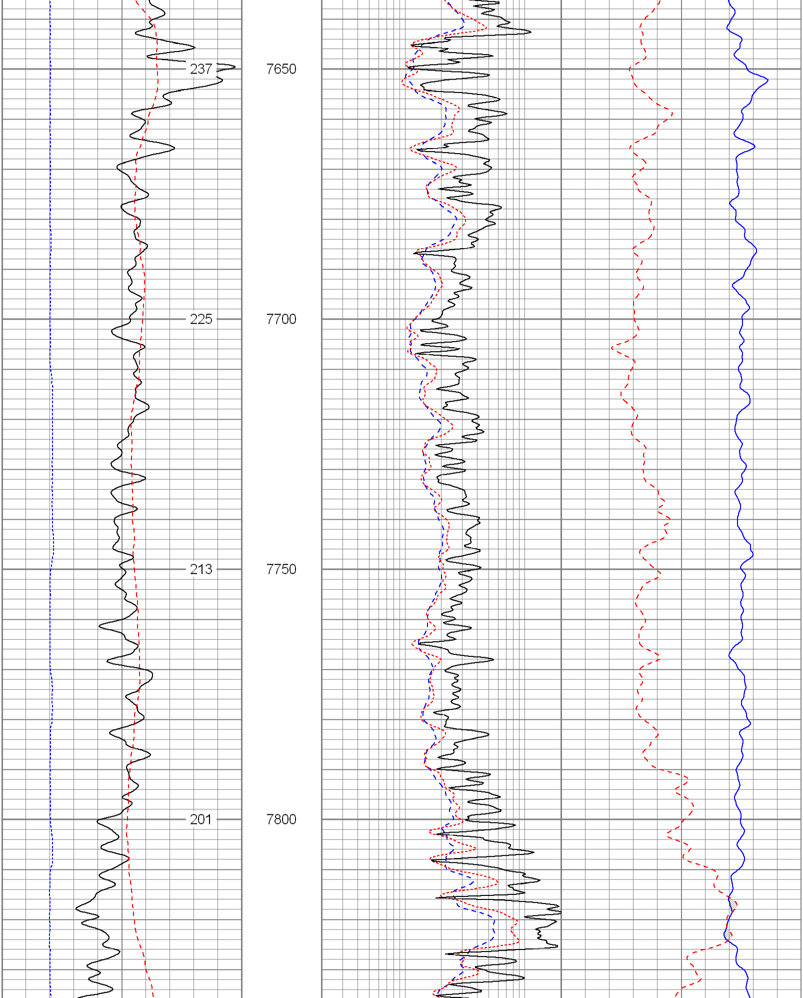
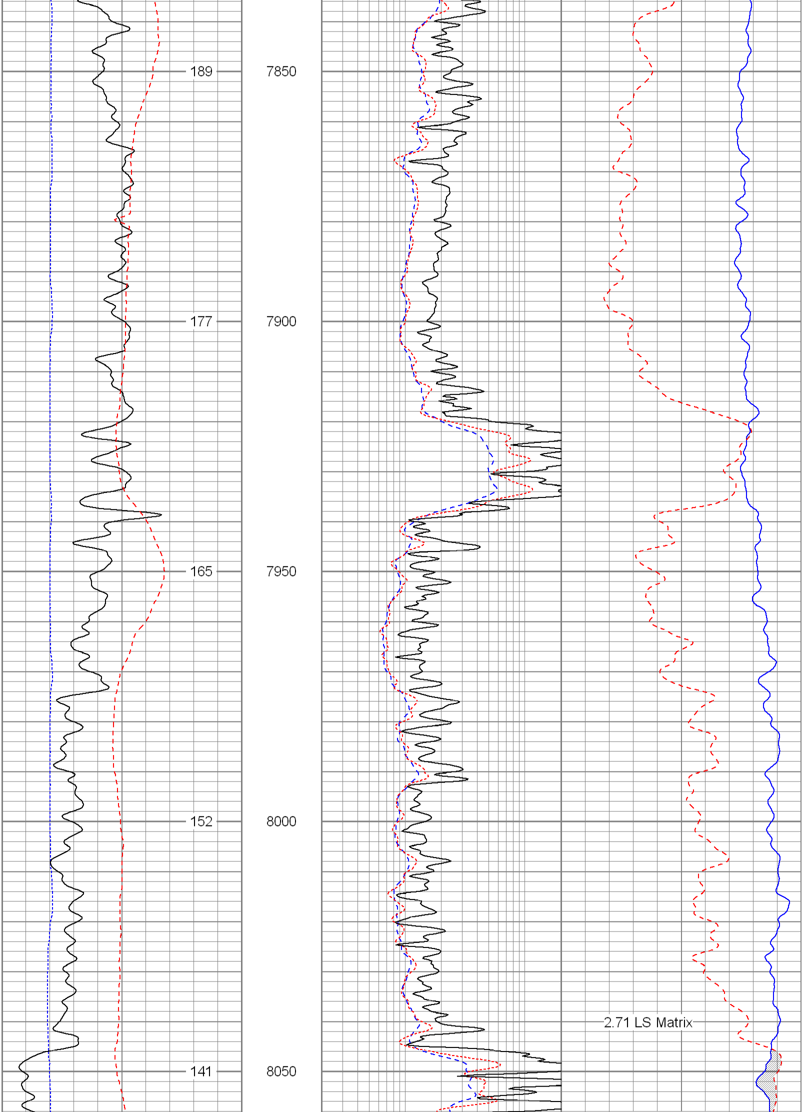
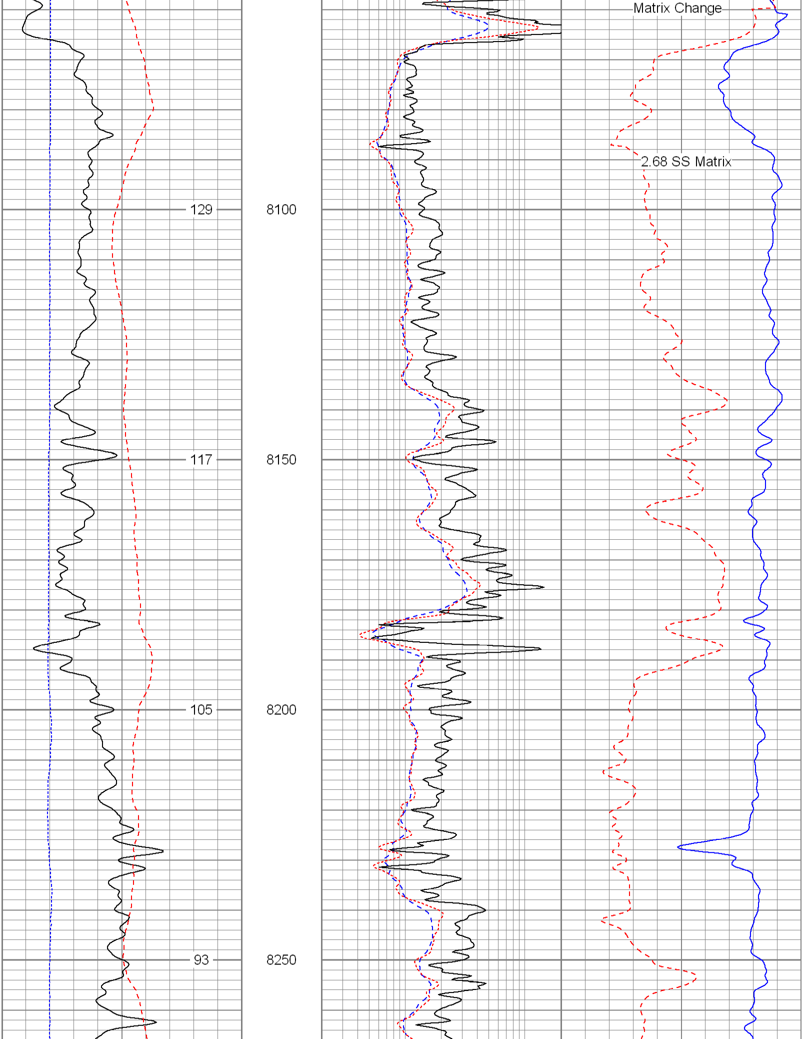
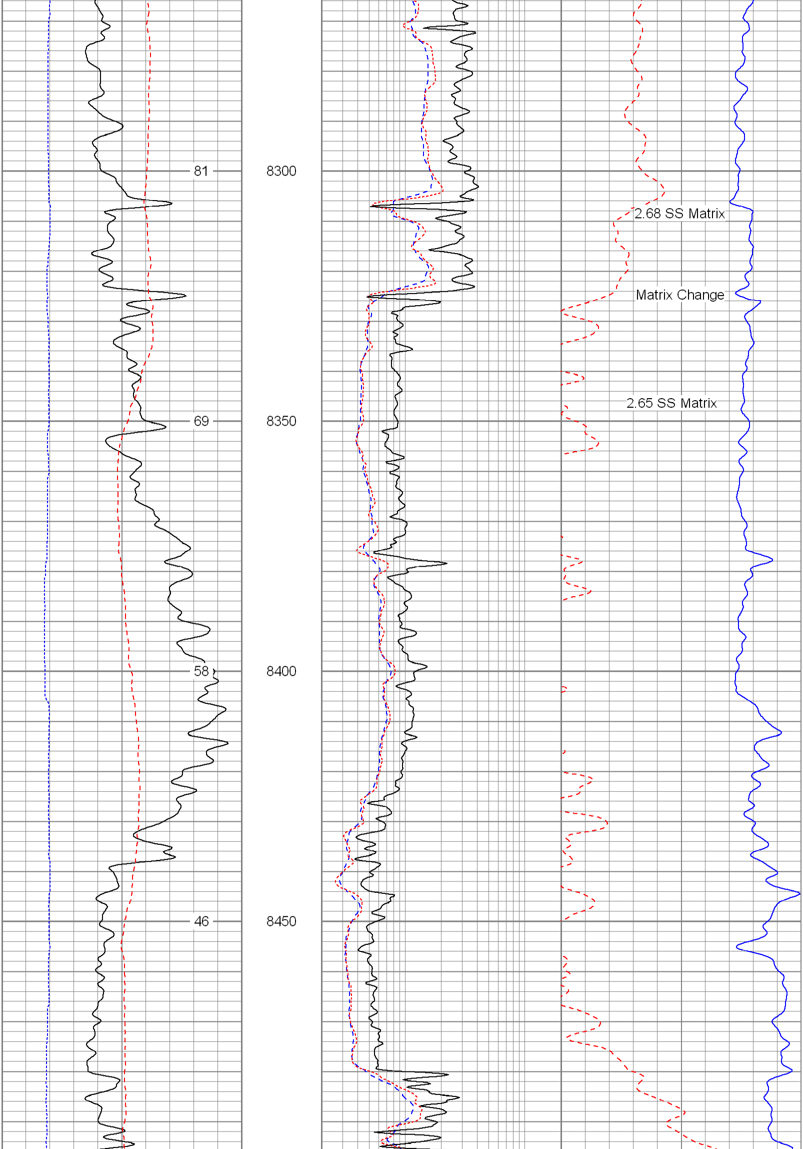
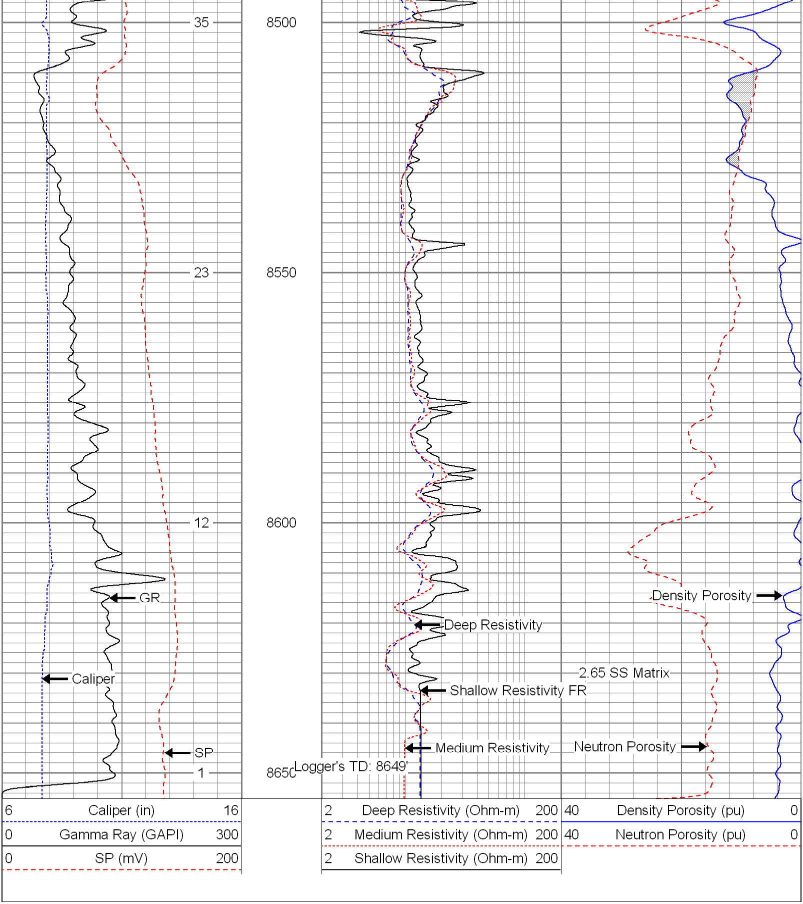
0 Gamma Ray (GAPI) 300	2 Medium Resistivity (Ohm-m) 200	40 Neutron Porosity (pu) 0
0 SP (mV) 100	2 Shallow Resistivity (Ohm-m) 200	

Database File:	9087.db
Dataset Pathname:	final
Presentation Format:	encana
Dataset Creation:	Tue Aug 26 09:23:21 2008
Charted by:	Depth in Feet scaled 1:240

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