PSI
PHOENIX SURVEYS, INC.

Company
Well
Field
County
State/Prv

COMPENSATED DENSITY
COMPENSATED NEUTRON
DUAL INDUCTION

Company	EnCana Oil & Gas (USA) Inc.
Well	Harkis 31-2
Field	Wattenberg
County	Weld
State/Province	Colorado
Location	550' FNL & 2080' FEL NW NE Sec 2, Twp 2N, Rge 65W
Other Services	None

Permanent Datum	GL	Elevation	4850
Log Measured From	KB		
Drilling Measured From	KB		

Elevation
K.B. 4865
D.F. 4864
G.L. 4850

Date	June 7,2007		
Run Number	1		
Depth Driller	7745		
Depth Logger	7740		
Bottom Logged Interval	7740		
Top Log Interval	Casing		
Casing Driller	888		
Casing Logger	888		
Bit Size	7-7/8"		
Type Fluid in Hole	Chem Gel		
Density / Viscosity	9.9 / 60		
pH / Fluid Loss	8.5 / 9.0		
Source of Sample	Flowline		
Rm @ Meas. Temp	2.65 @ 89°F		
Rmf @ Meas. Temp	2.12 @ 89°F		
Rmc @ Meas. Temp	3.18 @ 89°F		
Source of Rmf / Rmc	Measure / Calc		
Rm @ BHT	1.14 @ 219 °F		
Time Circulation Stopped	23:30		
Time Logger on Bottom	07:45		
Maximum Recorded Temperature	219 °F		
Equipment Number	4078		
Location	Brighton, CO		
Recorded By	Peter Dhaliwal	Eric Christensen	
Witnessed By	Ed Pilcher		

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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

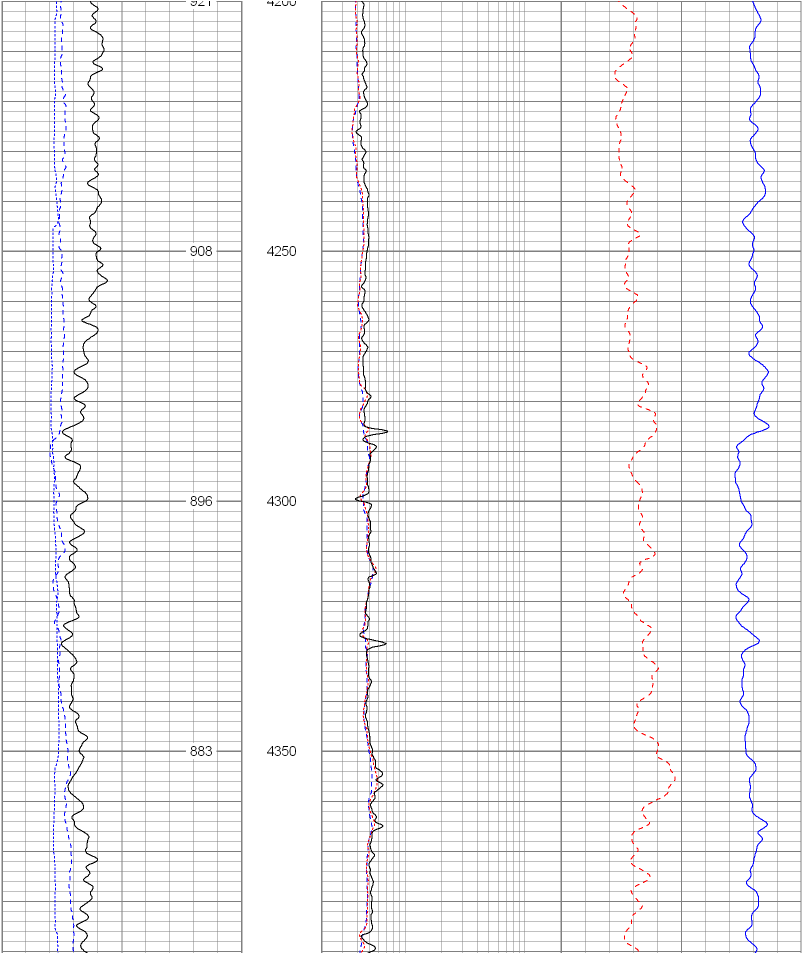
Annular volume calculated for 4.5" casing
Patterson Drilling Rig 34
Thank you for using Phoenix Surveys!!
API #: 05-123-22186-00

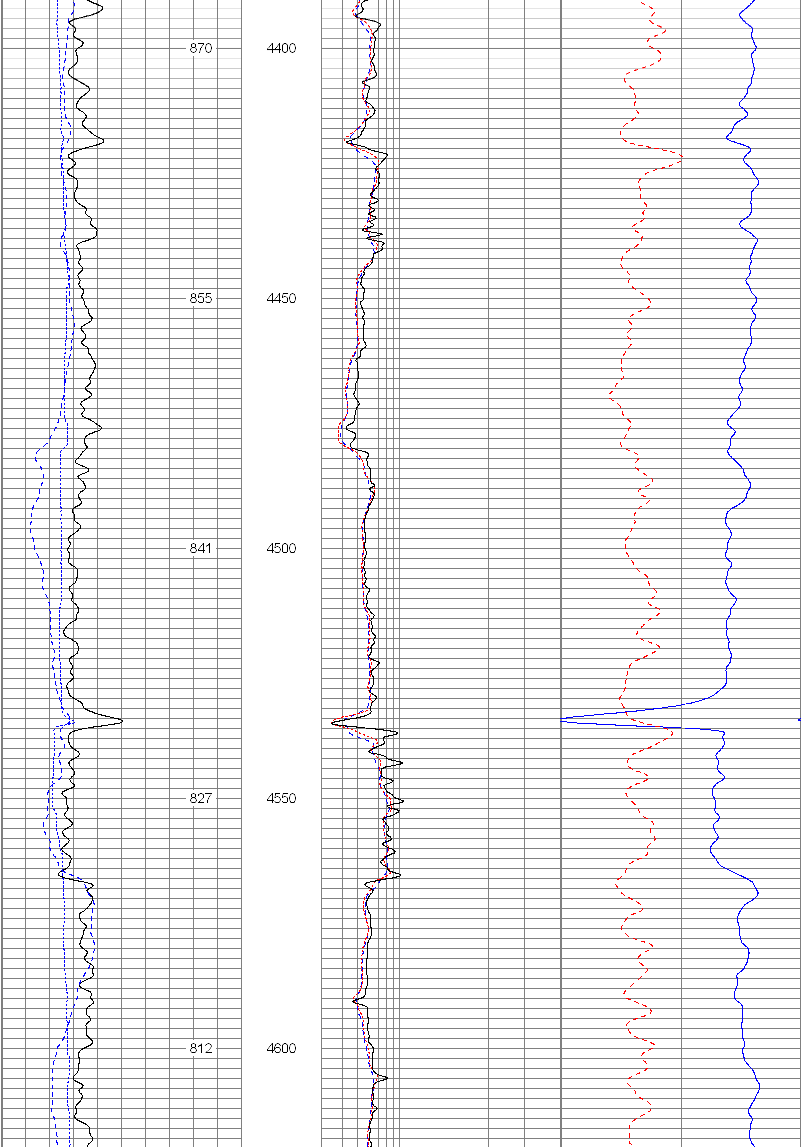
Database File:	7389.db
Dataset Pathname:	final
Presentation Format:	encana1
Dataset Creation:	Thu Jun 07 08:34:56 2007
Charted by:	Depth in Feet scaled 1:240

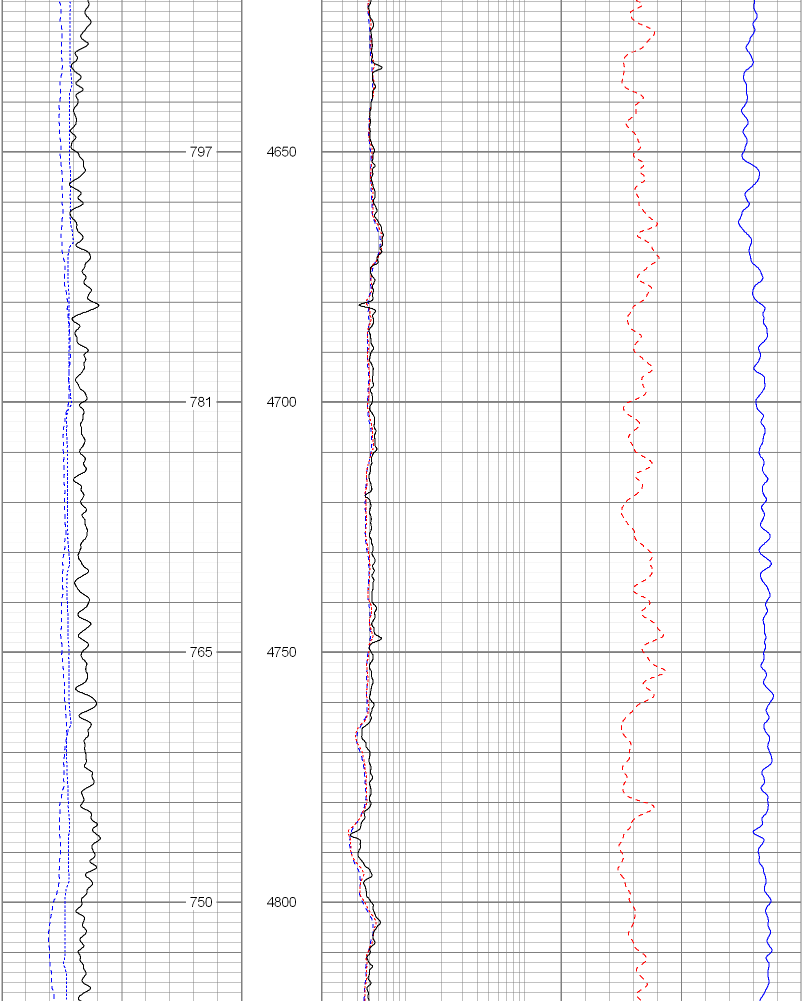
6 Density Caliper (in) 16
0 Gamma Ray (GAPI) 300
100 SP (mV) 200

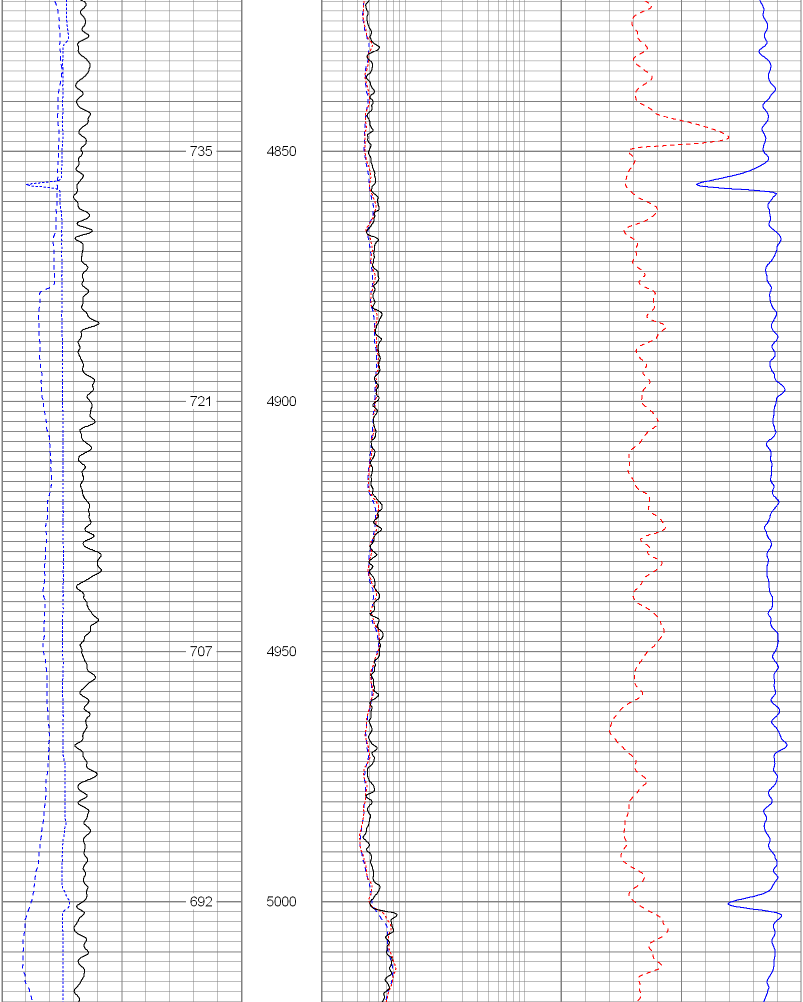
2 Deep Resistivity (Ohm-m) 200
2 Medium Resistivity (Ohm-m) 200
2 Shallow Resistivity (Ohm-m) 200

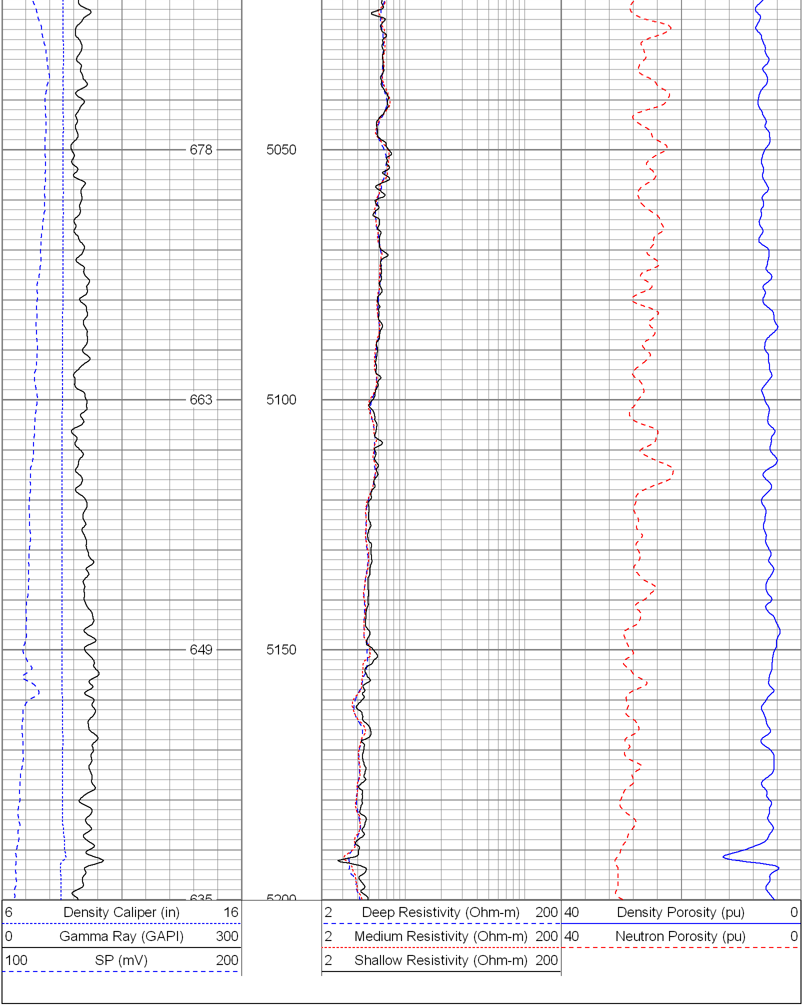
40 Density Porosity (pu) 0
40 Neutron Porosity (pu) 0











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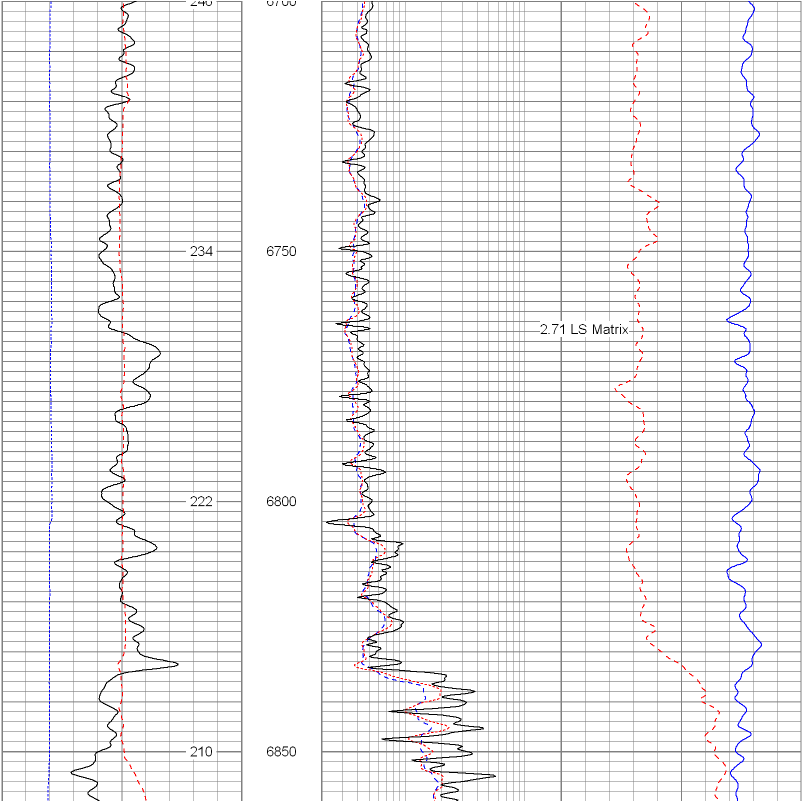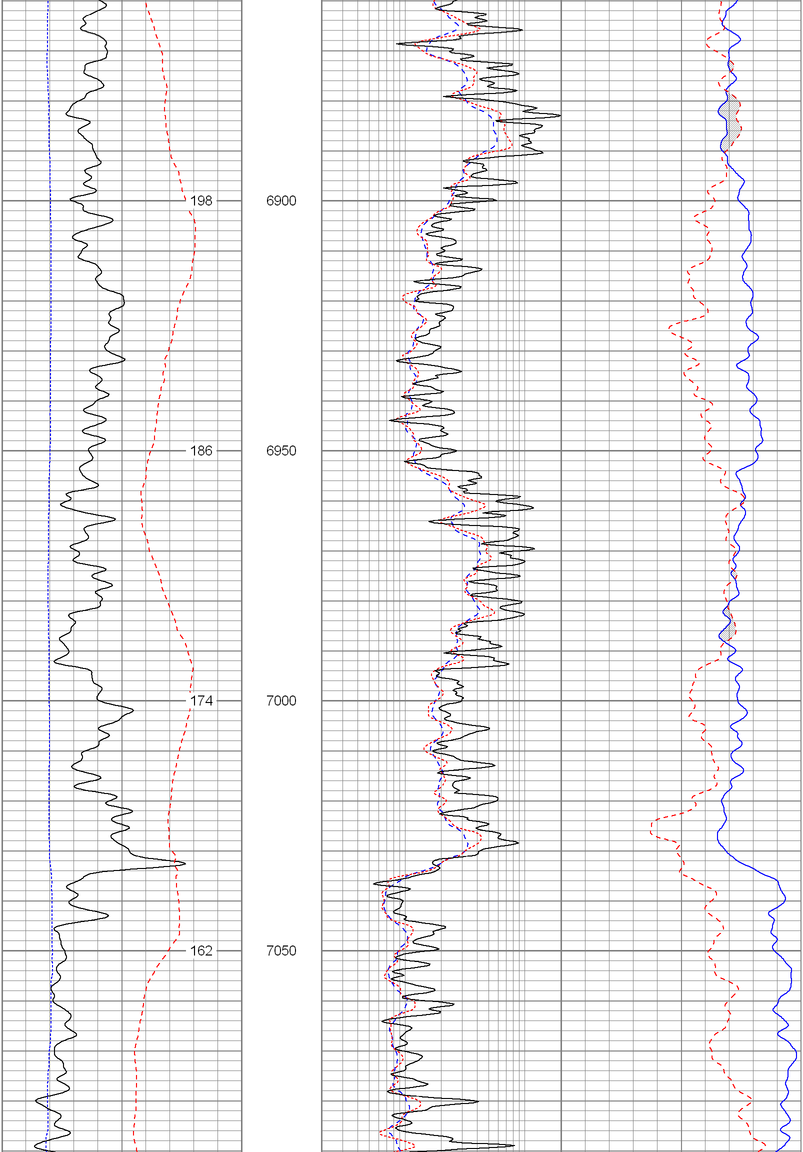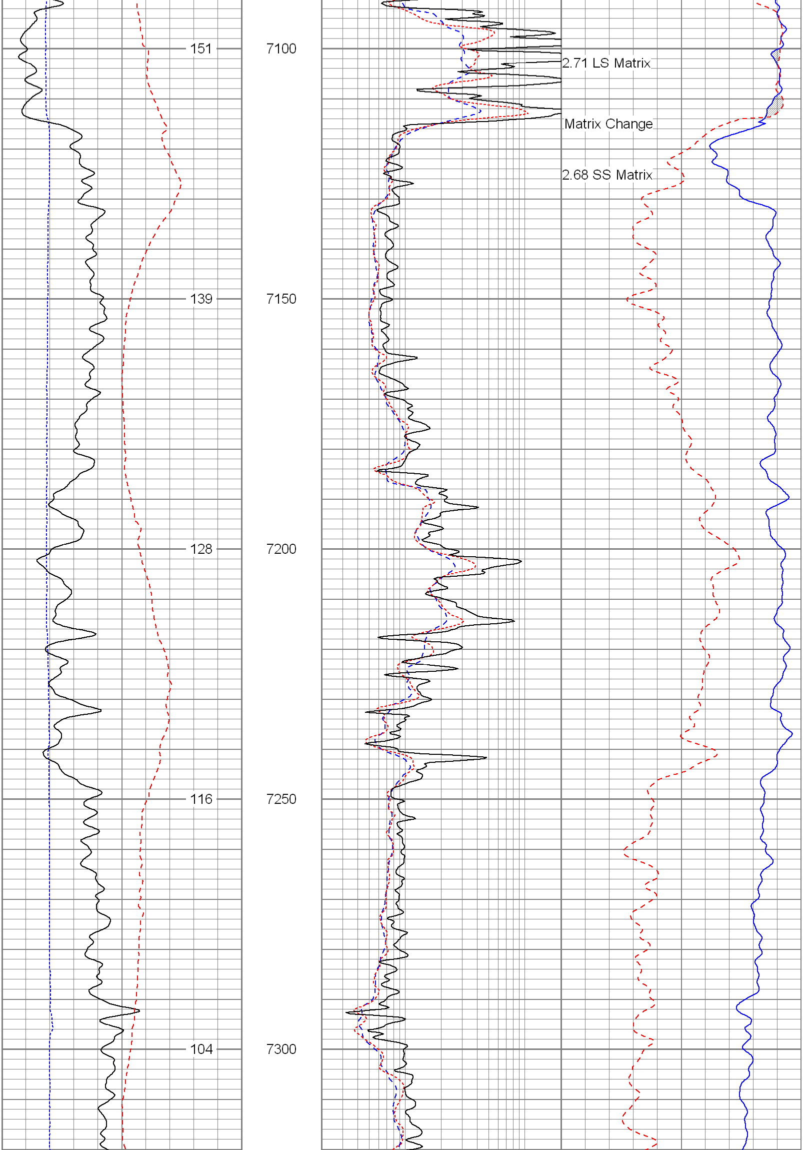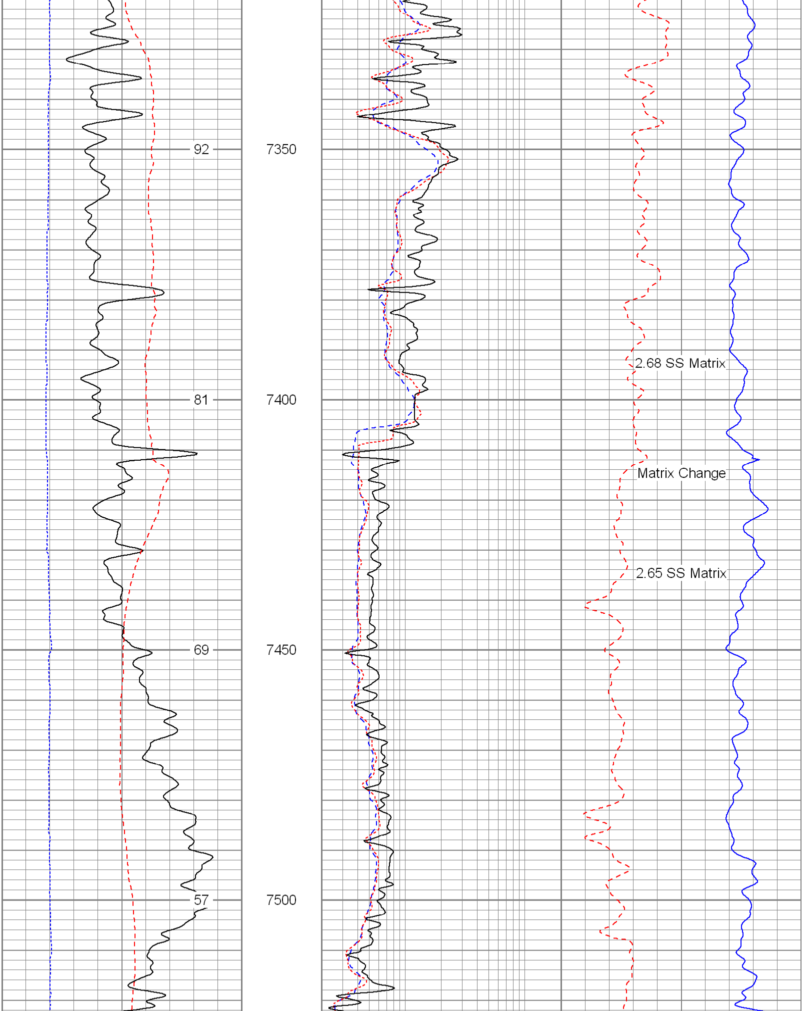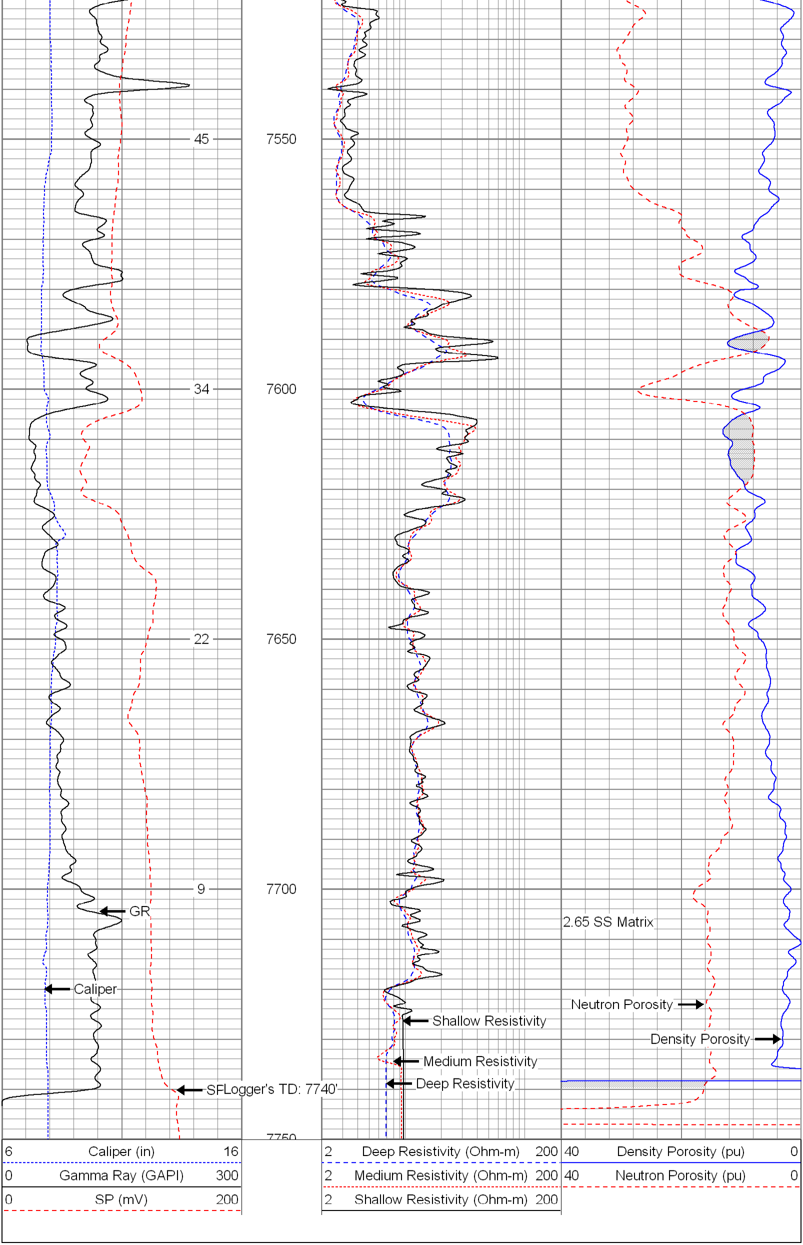40 Density Porosity (pu) 0
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