PHOENIX SURVEYS, INC.

COMPENSATED DENSITY
COMPENSATED NEUTRON
MICROLOG

Company
Well
Field
County
State/Prv

Company	Petro-Canada Resources (USA) Inc.		
Well	BVW 31-13		
Field	Grover		
County	Weld	State/Province	Colorado
Location	1966' FNL & 1986' FEL SW NE Sec. 31, Twp. 11N, Rge. 61W	Other Services	Induction
Permanent Datum	GL	Elevation	5100
Log Measured From	KB	Elevation	K.B. 5112 D.F. 5111 G.L. 5100
Drilling Measured From	KB		

Date	March 18, 2010		
Run Number	1		
Depth Driller	7950		
Depth Logger	7942		
Bottom Logged Interval	7922		
Top Log Interval	3750		
Casing Driller	1167		
Casing Logger	Not Logged		
Bit Size	7-7/8"		
Type Fluid in Hole	Chem Gel		
Density / Viscosity	9.2 / 55		
pH / Fluid Loss	8.5 / 8.8		
Source of Sample	Flowline		
Rm @ Meas. Temp	3.45 @ 62° F		
Rmf @ Meas. Temp	2.68 @ 62° F		
Rmc @ Meas. Temp	3.91 @ 62° F		
Source of Rmf / Rmc	Measure / Calc		
Rm @ BHT	1.12 @ 208° F		
Time Circulation Stopped	0000		
Time Logger on Bottom	0800		
Maximum Recorded Temperature	208° F		
Equipment Number	4800		
Location	Brighton, CO		
Recorded By	Ian Harris		
Witnessed By	Gary Stapleton	Mark Scanniello	

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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

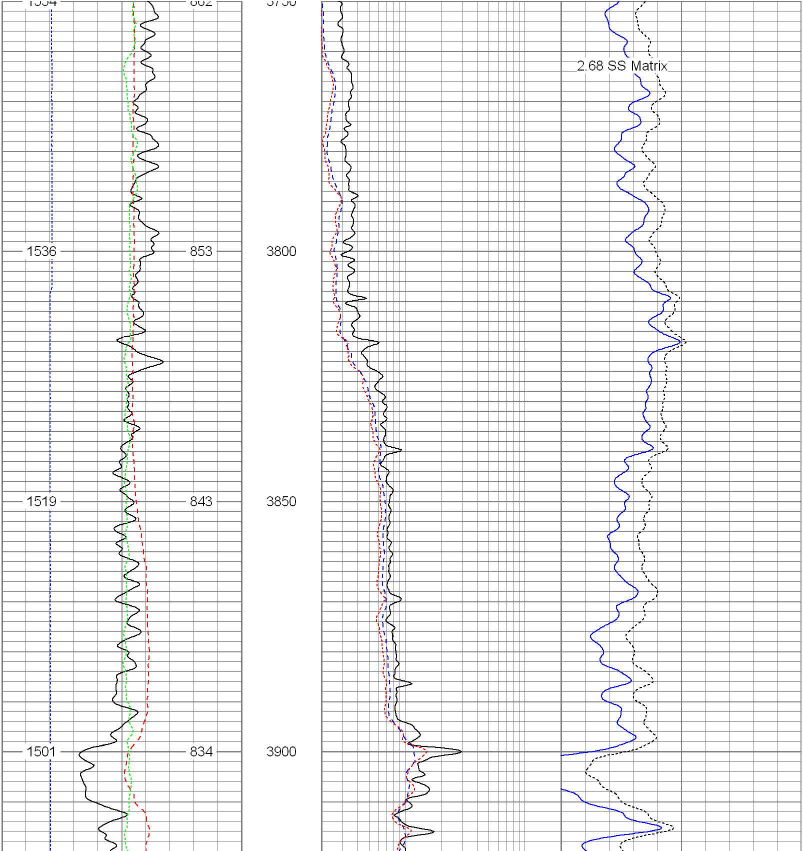
Annular volume calculated for 5.5" casing
Fort Drilling Rig 5
Thank you for using Phoenix Surveys!!
API #: 05-123-30717-00

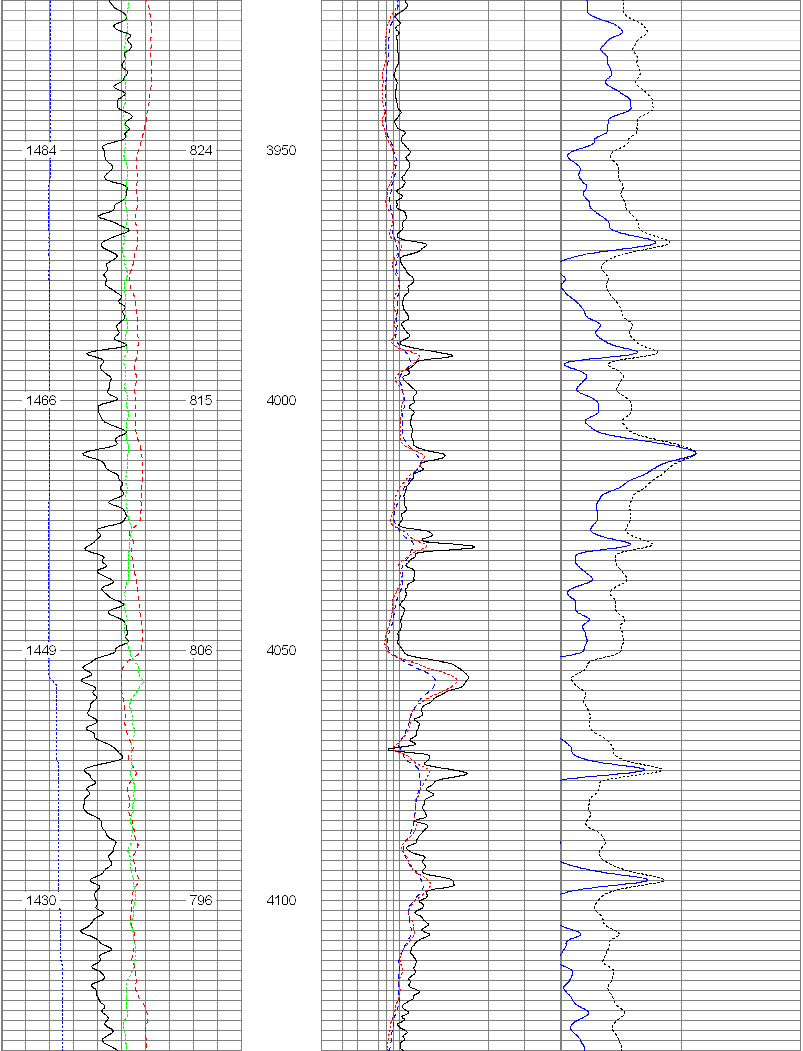
Database File:	10418.db
Dataset Pathname:	final
Presentation Format:	split20
Dataset Creation:	Thu Mar 18 09:16:24 2010
Charted by:	Depth in Feet scaled 1:240

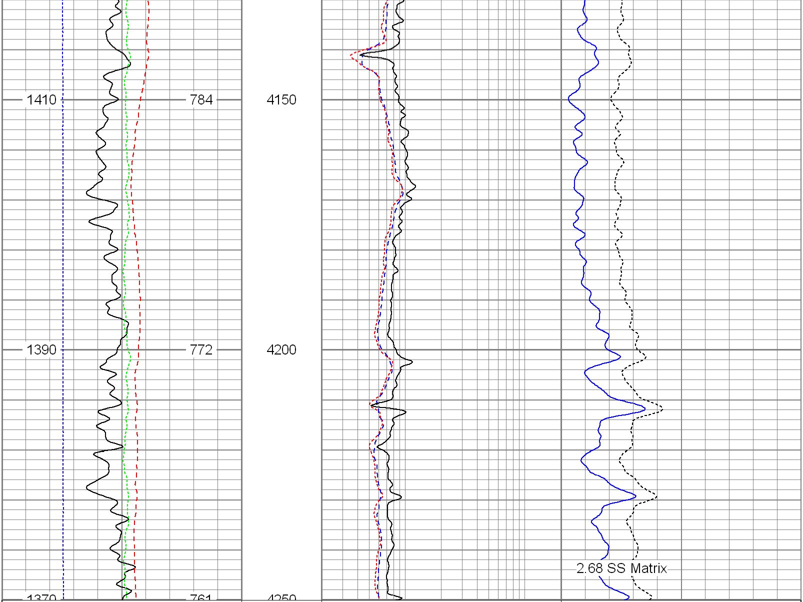
0	Gamma Ray (GAPI)	200
0	SP (mV)	200
-0.5	Corr (g/cc)	0.5
6	Caliper (in)	16

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

20	Density Porosity (pu)	0
20	Neutron Porosity (pu)	0
2.25	RHOB (g/cc)	2.75







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0	SP (mV)	200	2	Shallow Resistivity (Ohm-m)	200	20	Neutron Porosity (pu)	0
-0.5	Corr (g/cc)	0.5	2	Medium Resistivity (Ohm-m)	200	2.25	RHOB (g/cc)	2.75
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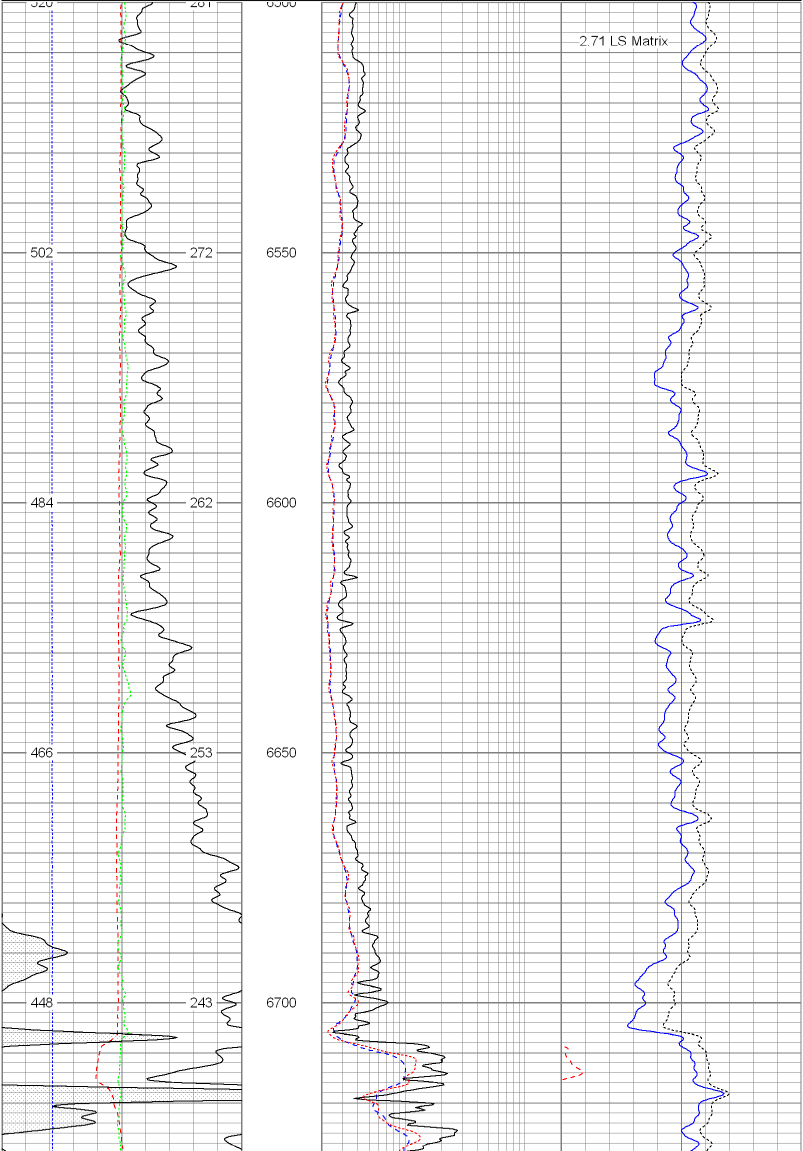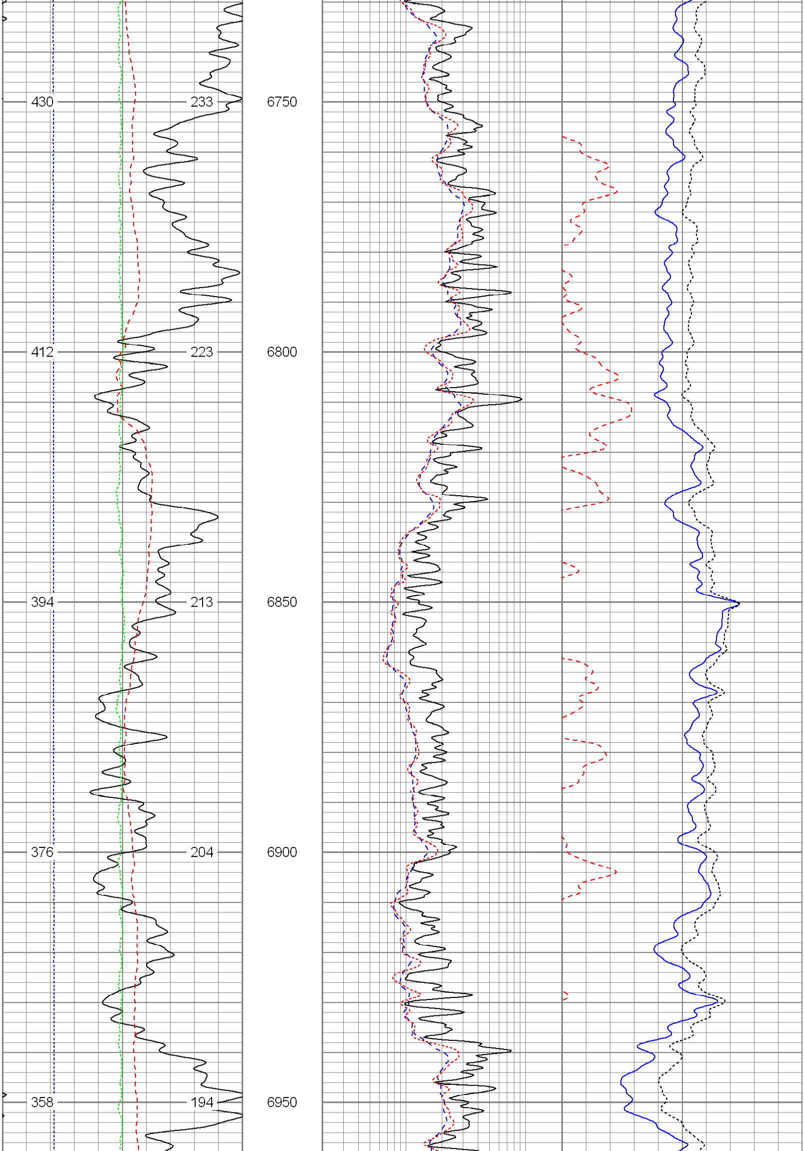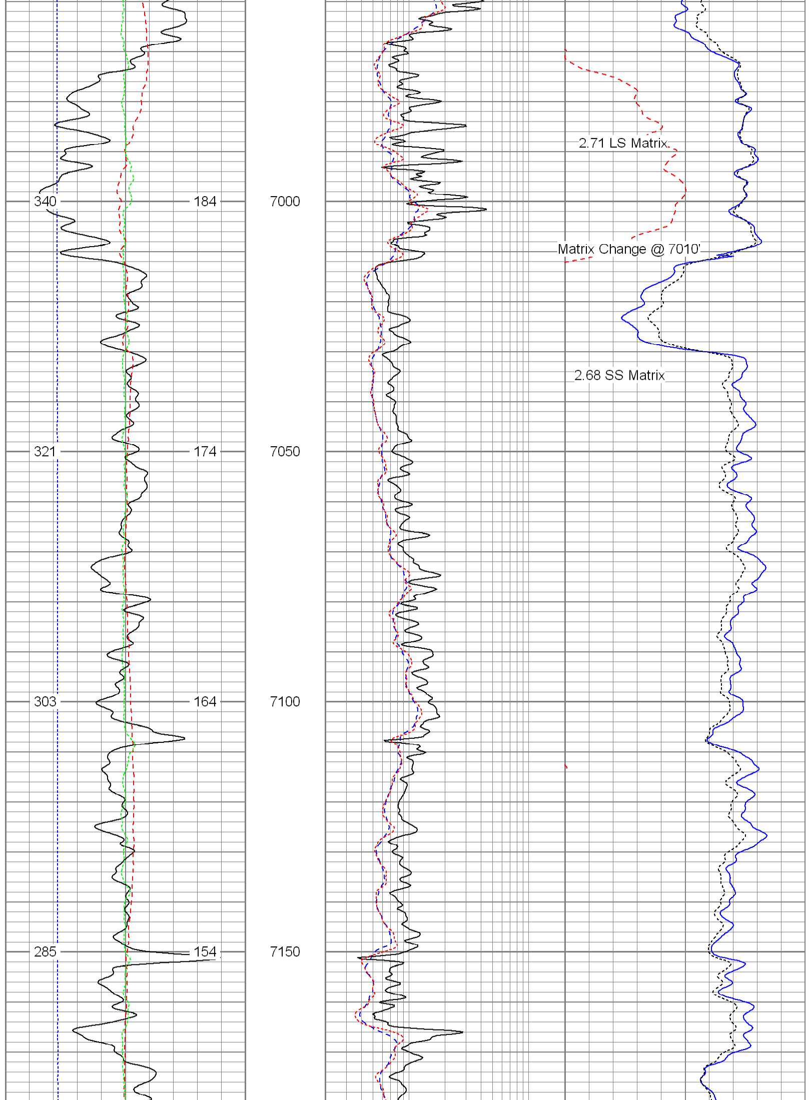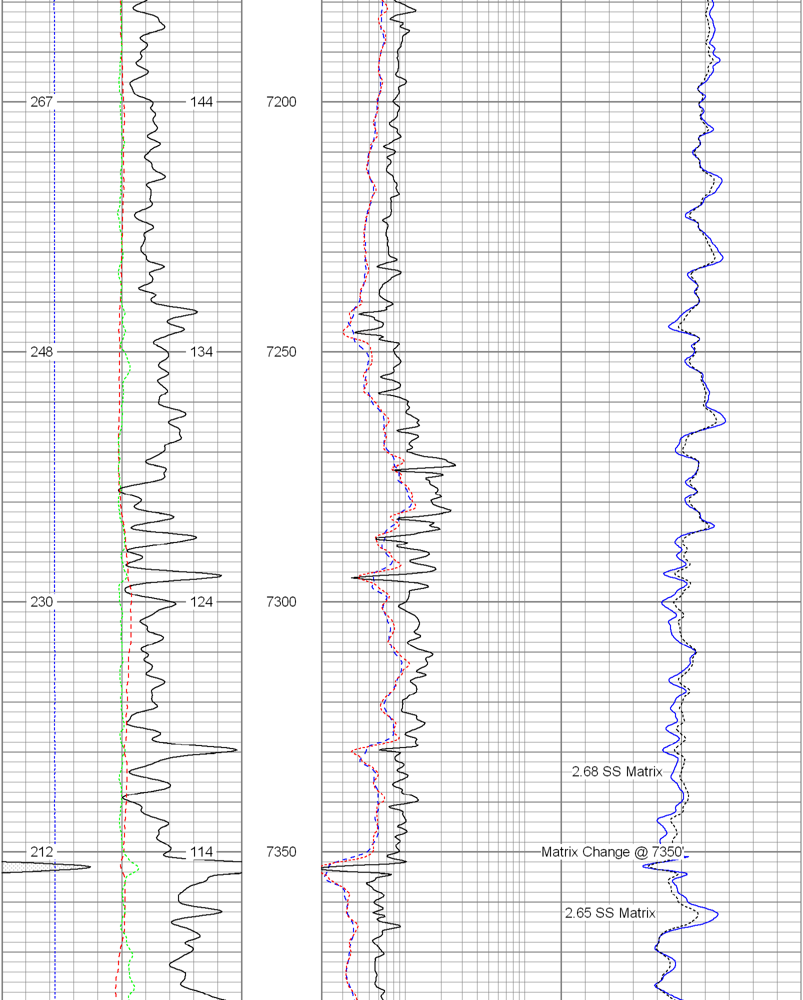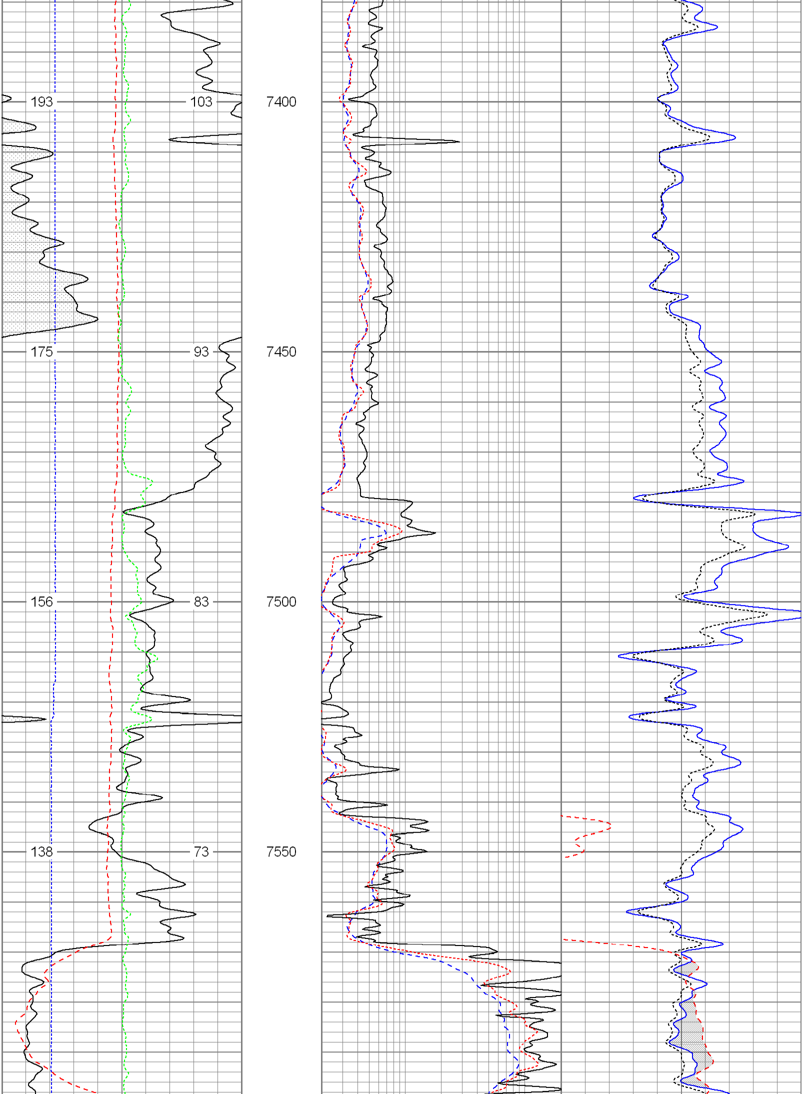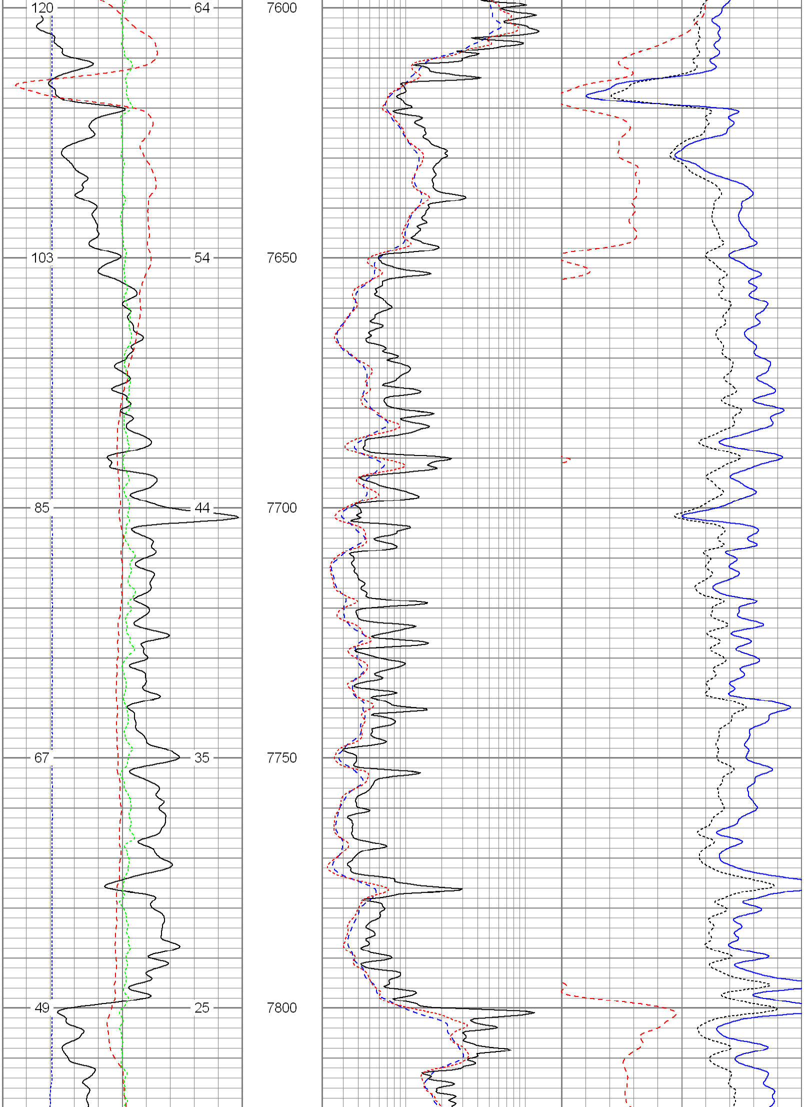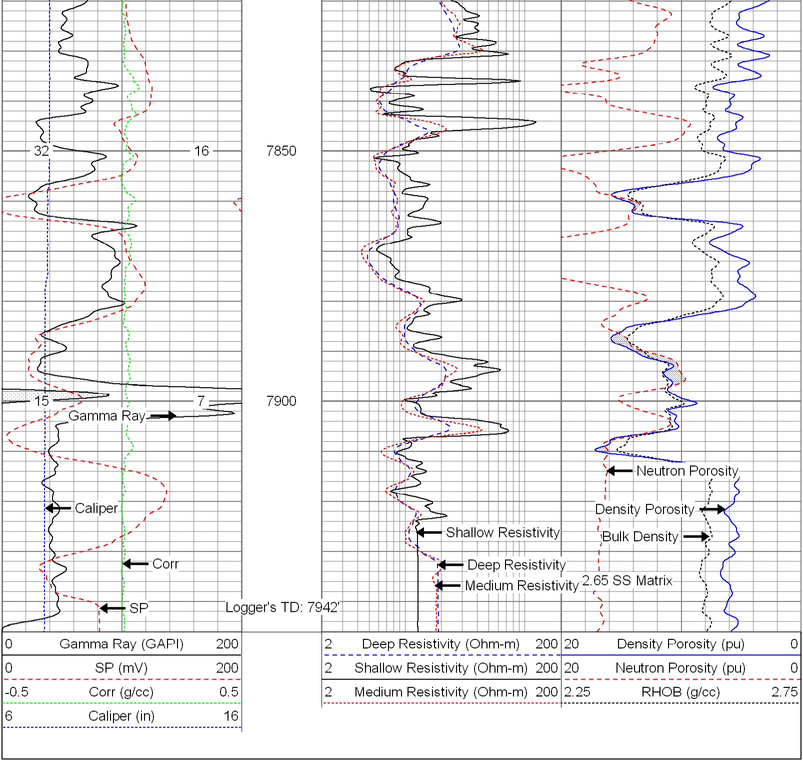0	Gamma Ray (GAPI)	200	2	Deep Resistivity (Ohm-m)	200	20	Density Porosity (pu)	0
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