PHOENIX SURVEYS, INC.

COMPENSATED DENSITY
COMPENSATED NEUTRON
DUAL INDUCTION

Company Well Field County State/Prv

Company	EnCana Oil & Gas (USA) Inc
Well	Duckworth 41-16
Field	Wattenberg
County	Weld
State/Province	Colorado

Location
SHL: 1644' FNL & 989' FEL SE NE
BHL: 510' FNL & 510' FEL NE NE
Sec. 16, Twp. 2N, Rge. 68W

Other Services
None

Elevation
K.B. 4886
D.F. 4885
G.L. 4871

Permanent Datum	GL	Elevation	4871
Log Measured From	KB		
Drilling Measured From	KB		

Date	March 9, 2008		
Run Number	1		
Depth Driller	8174		
Depth Logger	8161		
Bottom Logged Interval	8161		
Top Log Interval	Casing		
Casing Driller	637		
Casing Logger	637		
Bit Size	7-7/8"		
Type Fluid in Hole	Chem Gel		
Density / Viscosity	9.9 / 59		
pH / Fluid Loss	7.5 / 8.8		
Source of Sample	Flowline		
Rm @ Meas. Temp	3.65 @ 81° F		
Rmf @ Meas. Temp	2.74 @ 81° F		
Rmc @ Meas. Temp	4.05 @ 84° F		
Source of Rmf / Rmc	Measure / Calc		
Rm @ BHT	1.18 @ 221° F		
Time Circulation Stopped	0045		
Time Logger on Bottom	1115		
Maximum Recorded Temperature	221° F		
Equipment Number	4420		
Location	Brighton, CO		
Recorded By	Randy Conley		
Witnessed By	Steve Record		

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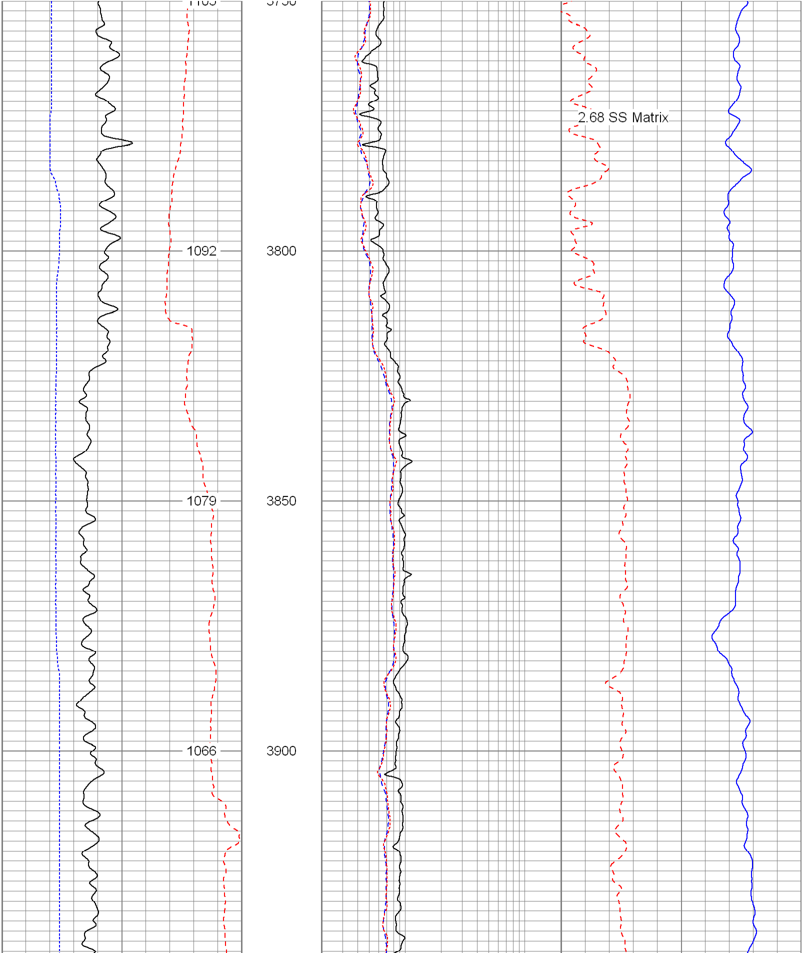
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

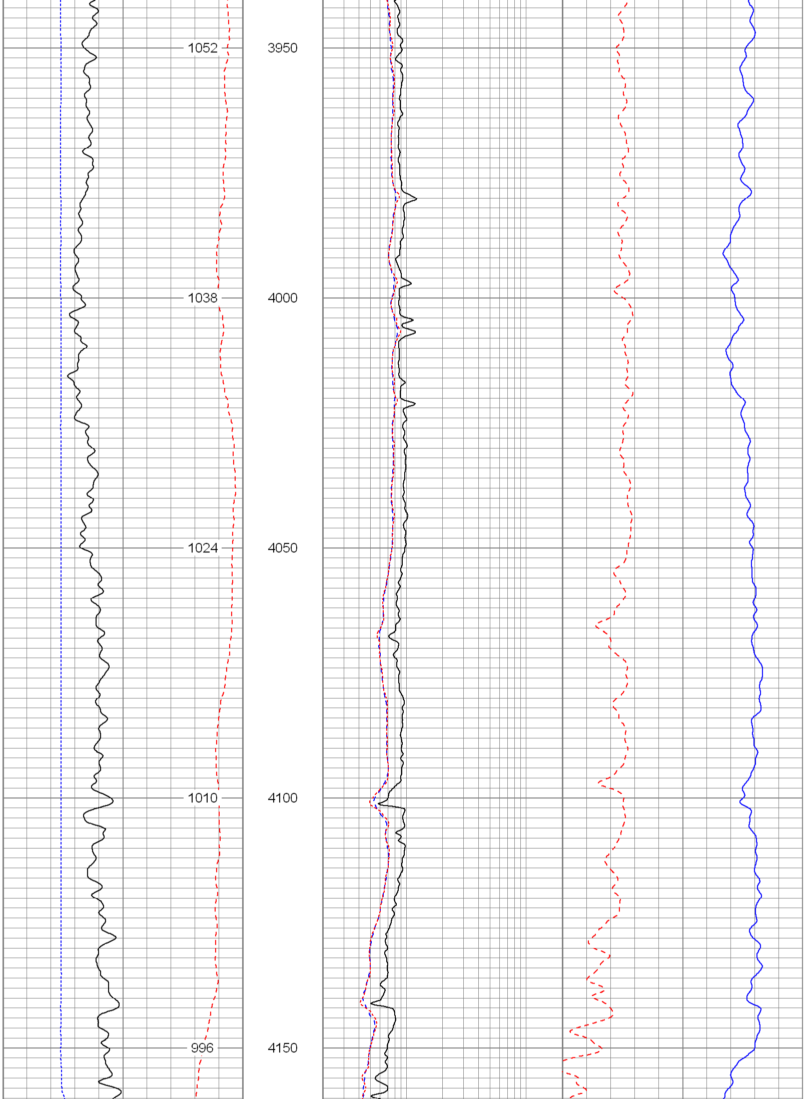
Comments

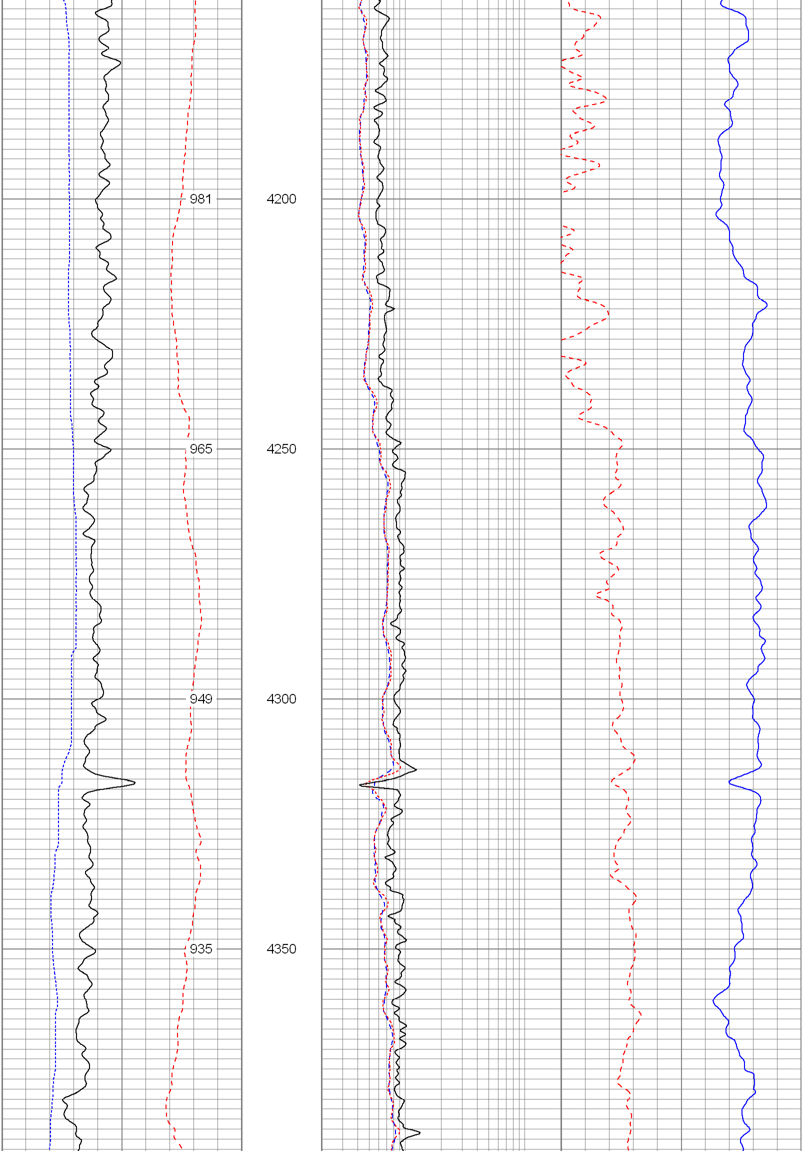
Annular volume calculated for 4-1/2" casing
Cade Drilling Rig 22
Thank you for using Phoenix Surveys!!
API #: 05-123-25477-00

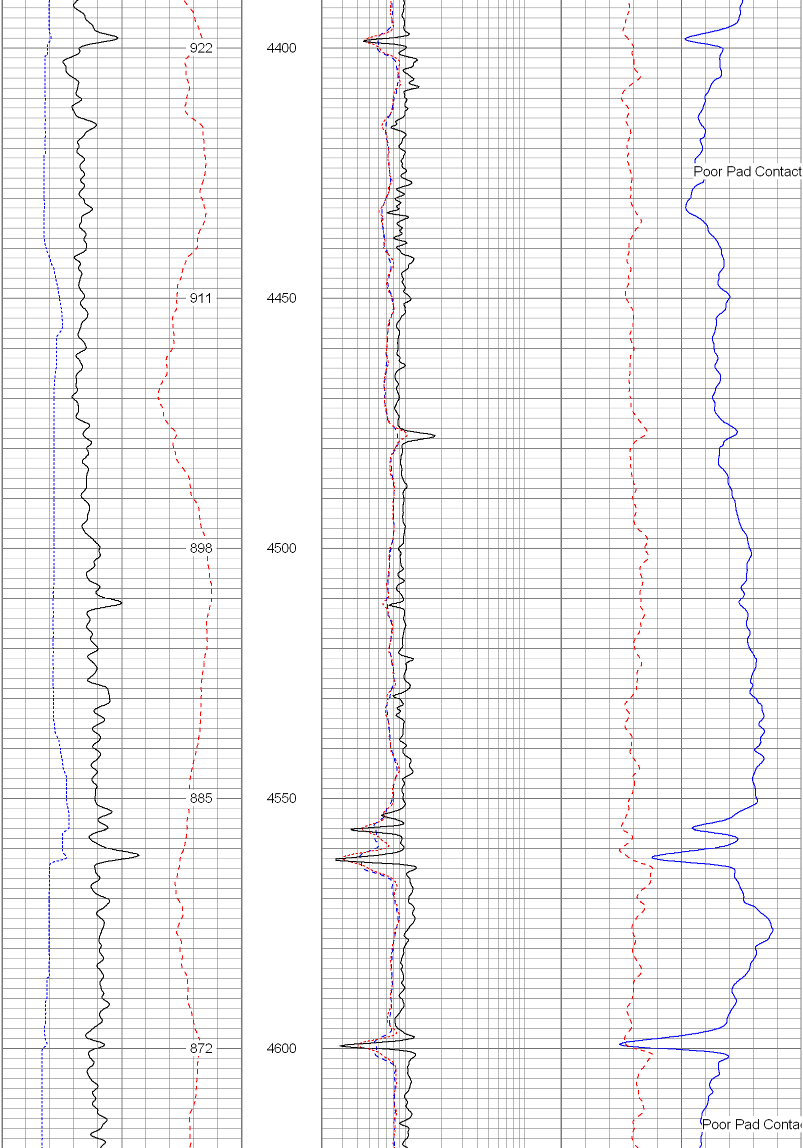
Database File:	8456.db
Dataset Pathname:	final
Presentation Format:	encana1
Dataset Creation:	Sun Mar 09 12:00:19 2008
Charted by:	Depth in Feet scaled 1:240

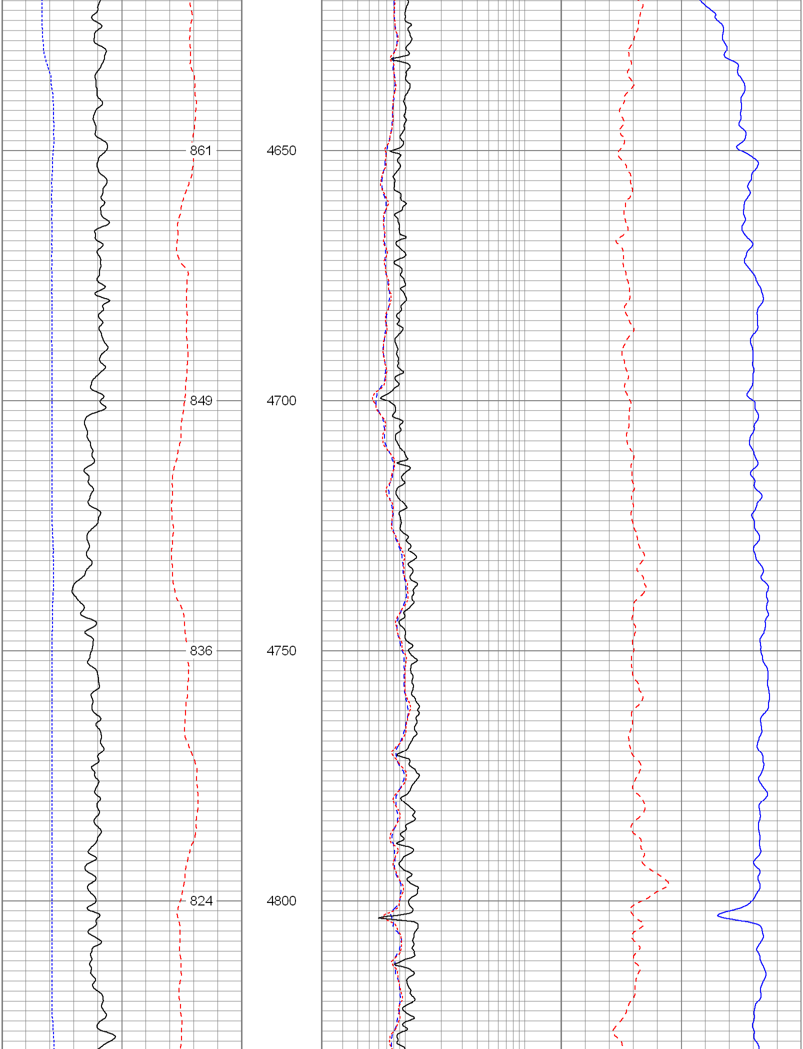
Min	Curve	Max
6	Density Caliper (in)	16
0	Gamma Ray (GAPI)	300
80	SP (mV)	180
2	Deep Resistivity (Ohm-m)	200
2	Medium Resistivity (Ohm-m)	200
2	Shallow Resistivity (Ohm-m)	200
40	Density Porosity (pu)	0
40	Neutron Porosity (pu)	0

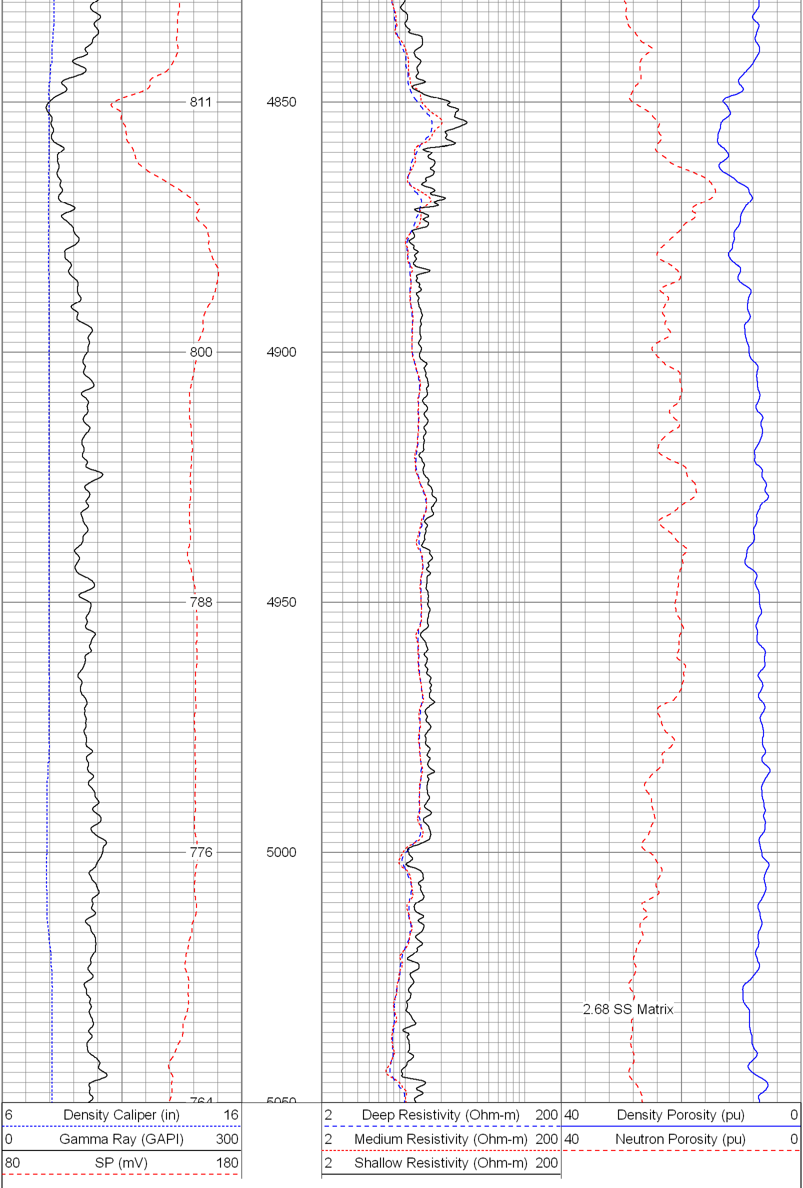












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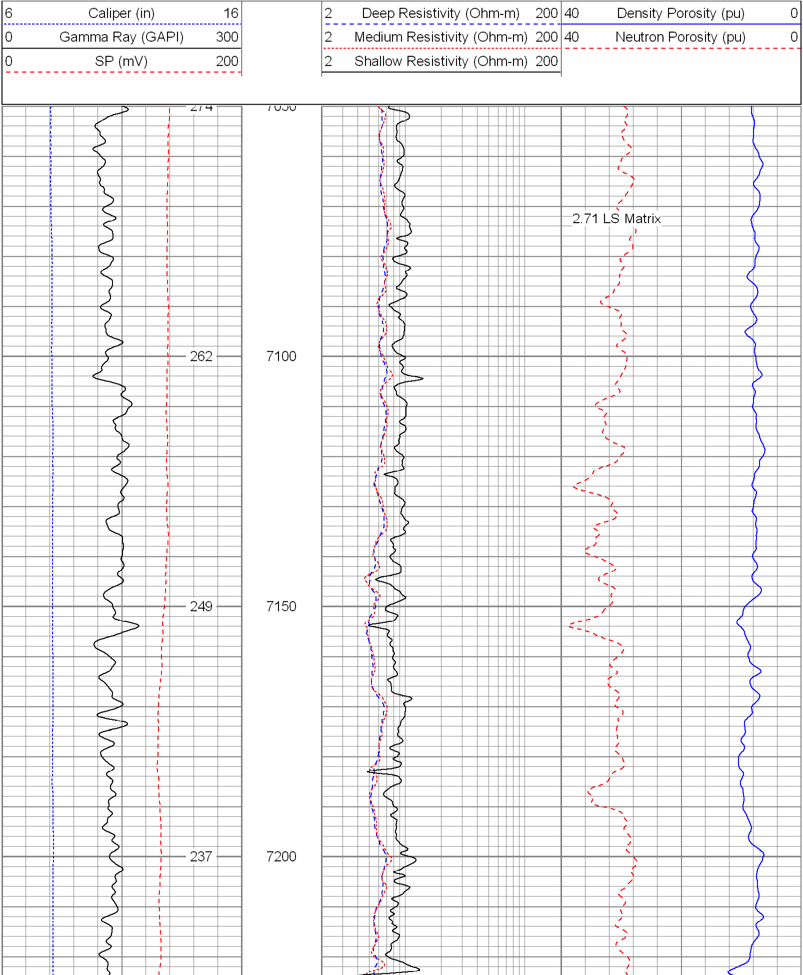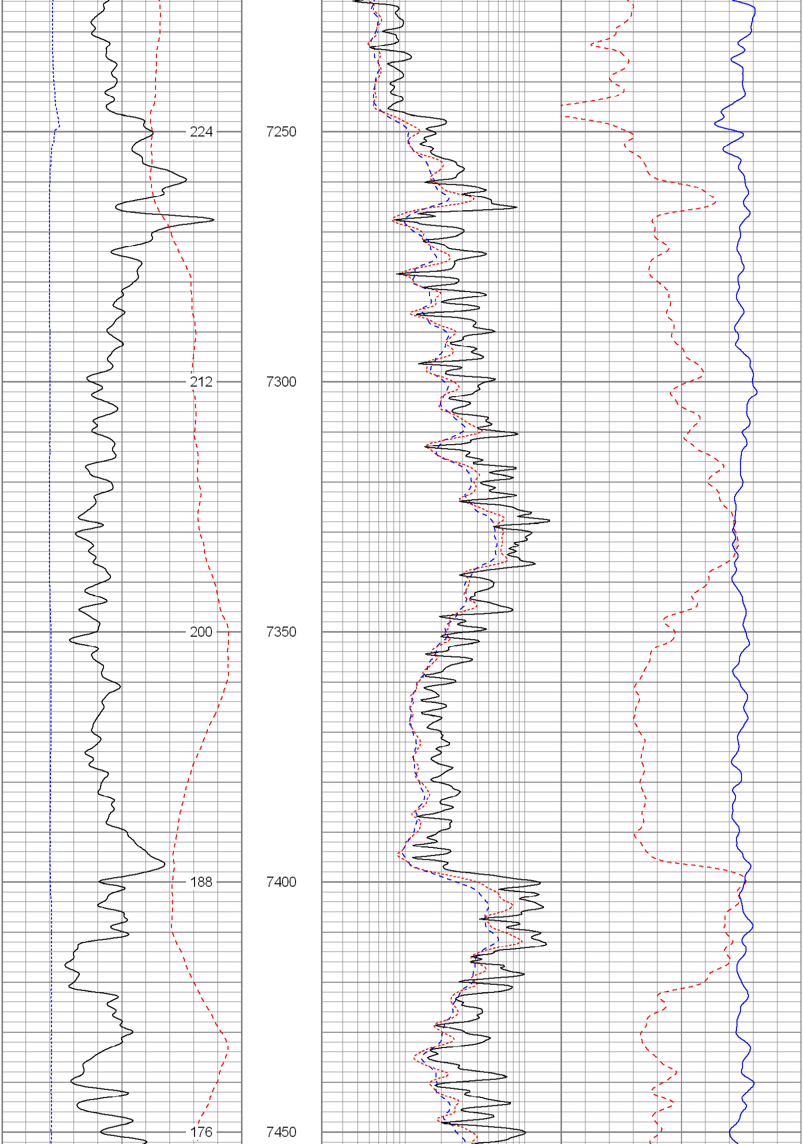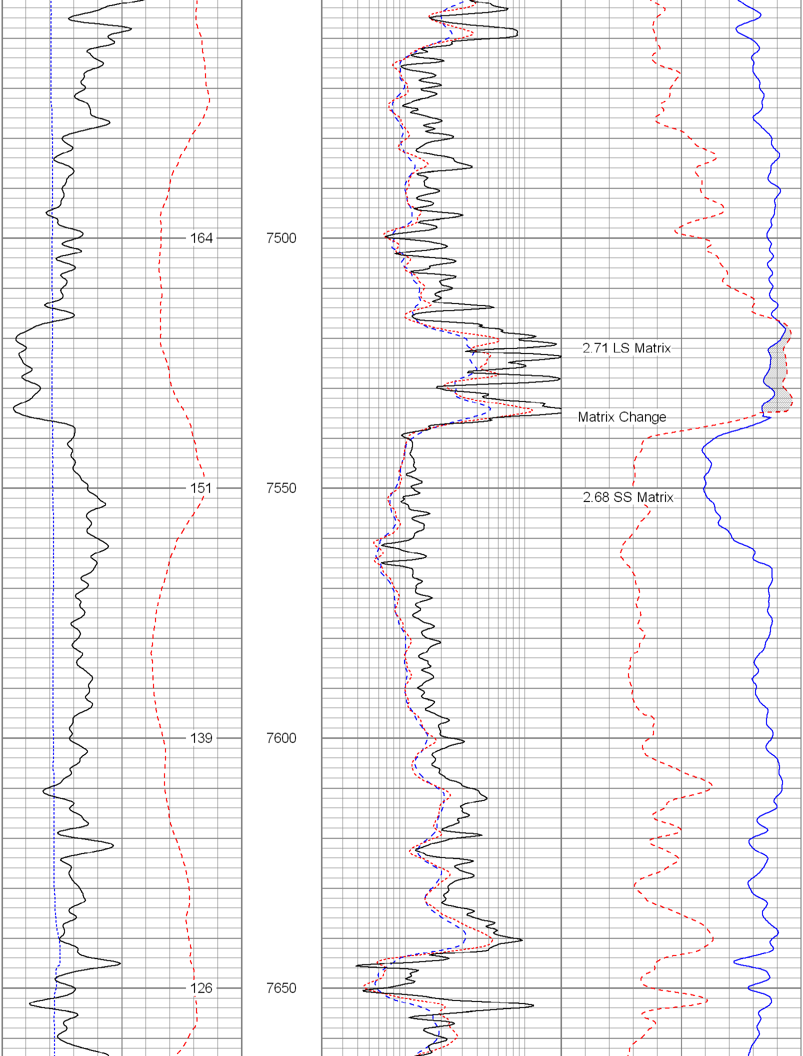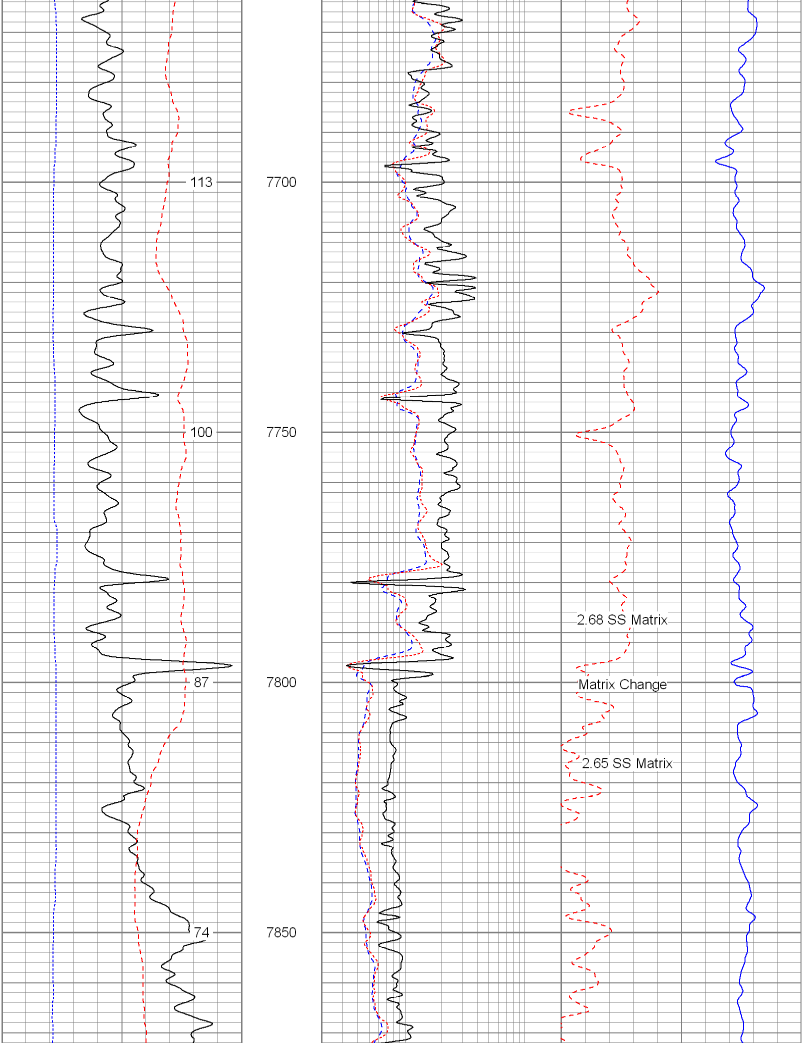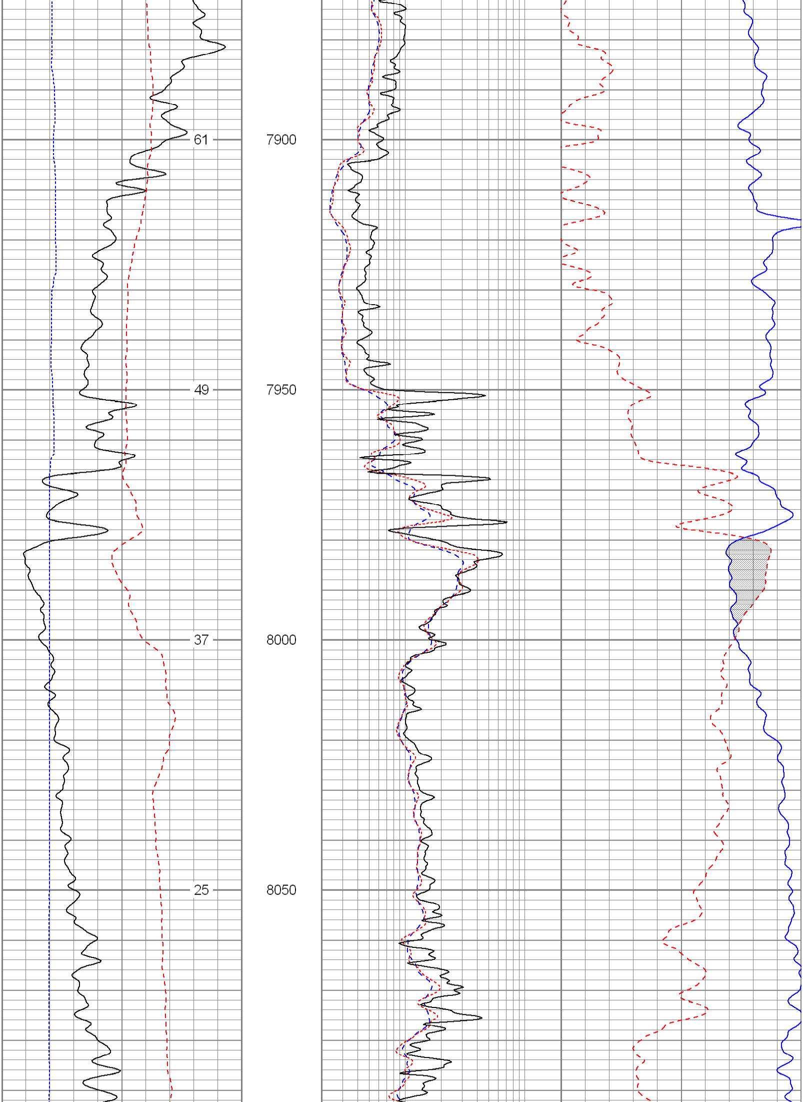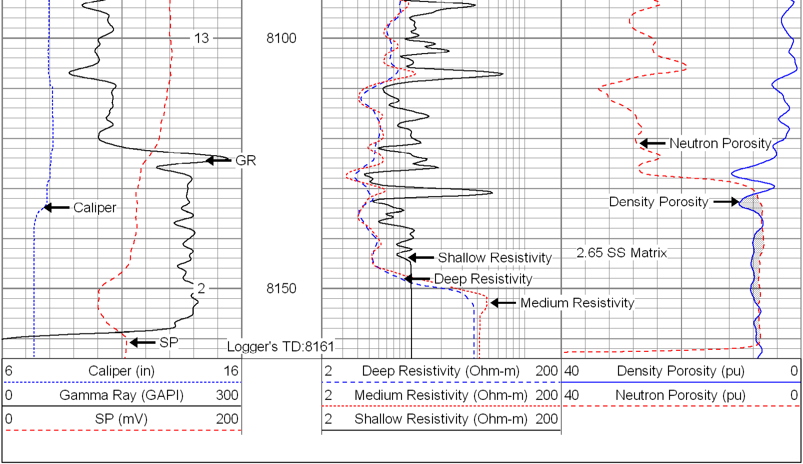
6 Caliper (in) 16
0 Gamma Ray (GAPI) 300
0 SP (mV) 200
2 Deep Resistivity (Ohm-m) 200
2 Medium Resistivity (Ohm-m) 200
2 Shallow Resistivity (Ohm-m) 200
40 Density Porosity (pu) 0
40 Neutron Porosity (pu) 0
274
7050
2.71 LS Matrix
262
7100
249
7150
237
7200