PHOENIX SURVEYS, INC.

COMPENSATED DENSITY
COMPENSATED NEUTRON
DUAL INDUCTION

Company
Well
Field
County
State/Prv

Company EnCana Oil & Gas (USA) Inc
Well Haley 41-22
Field Wattenberg
County Weld **State/Province** Colorado

Location
560' FNL & 810' FEL
NE NE
Sec. 22, Twp. 2N, Rge. 68W

Other Services
None

Elevation
K.B. 4937
D.F. 4936
G.L. 4921

Permanent Datum	GL	Elevation	4921
Log Measured From	KB		
Drilling Measured From	KB		

Date	December 8, 2006		
Run Number	1		
Depth Driller	8104		
Depth Logger	8070		
Bottom Logged Interval	8070		
Top Log Interval	Casing		
Casing Driller	763		
Casing Logger	763		
Bit Size	7-7/8"		
Type Fluid in Hole	Chem Gel		
Density / Viscosity	9.6 / 66		
pH / Fluid Loss	8.0 / 8.0		
Source of Sample	Flowline		
Rm @ Meas. Temp	3.09 @ 98° F		
Rmf @ Meas. Temp	2.47 @ 98° F		
Rmc @ Meas. Temp	3.70 @ 98° F		
Source of Rmf / Rmc	Measure / Calc		
Rm @ BHT	1.15 @ 228° F		
Time Circulation Stopped	9:00		
Time Logger on Bottom	16:45		
Maximum Recorded Temperature	228° F		
Equipment Number	4400		
Location	Brighton, CO		
Recorded By	Peter Dhaliwal		
Witnessed By	John Walsh		

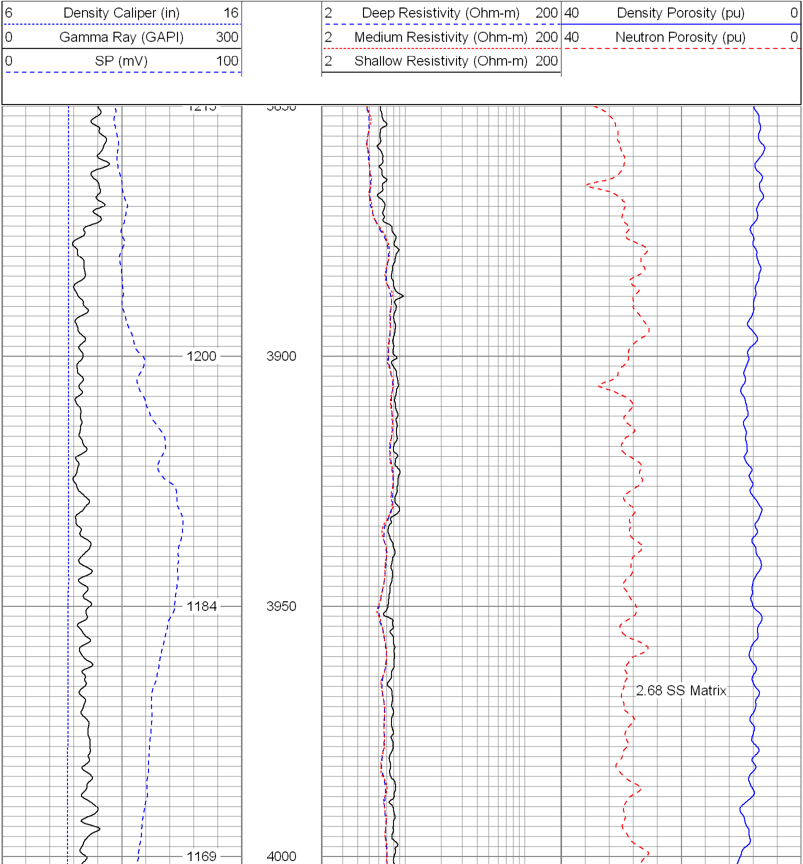
<<< Fold Here >>>

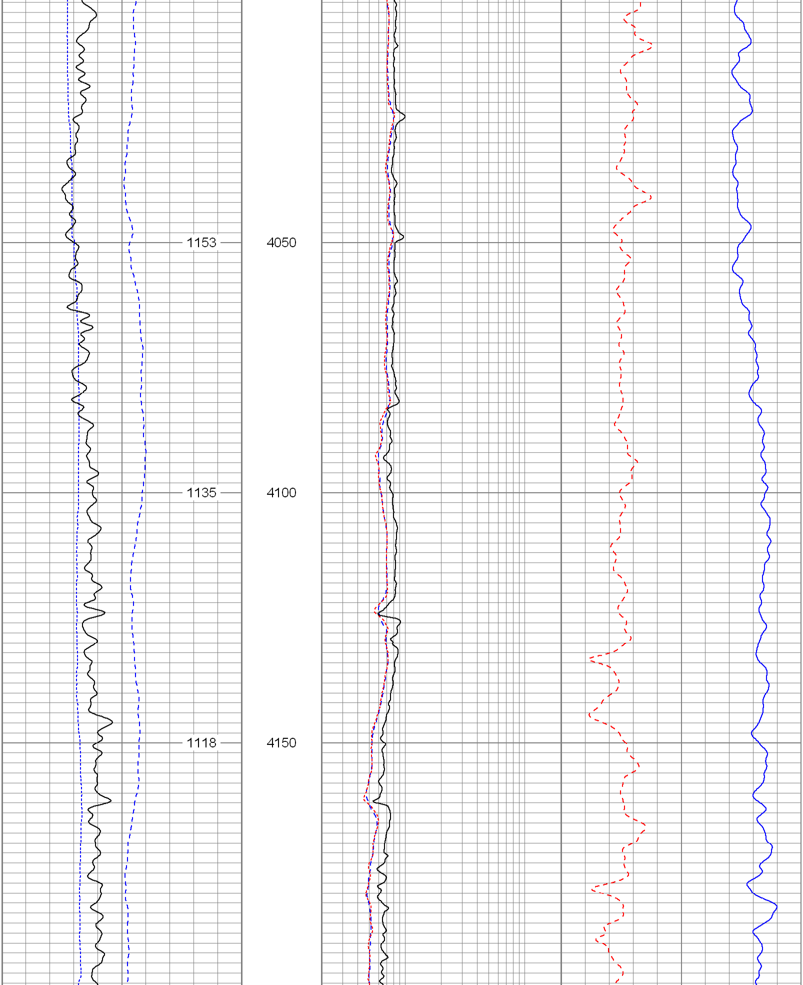
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

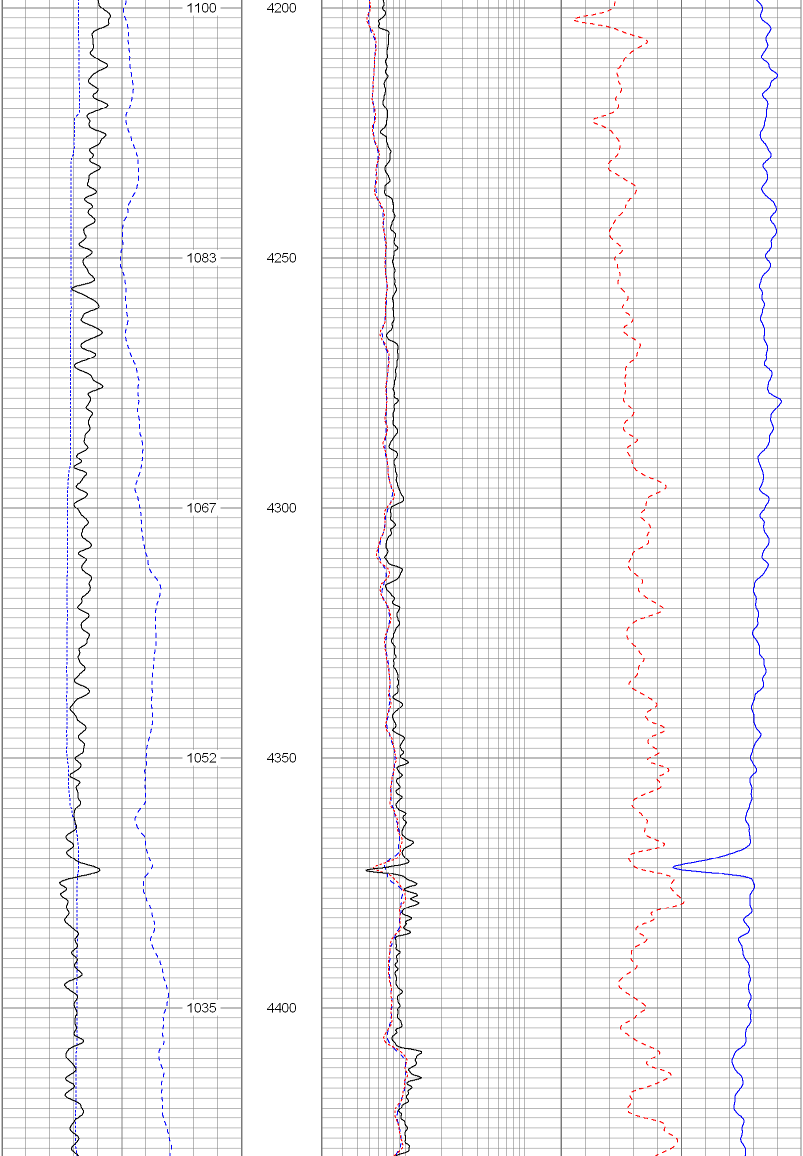
Comments

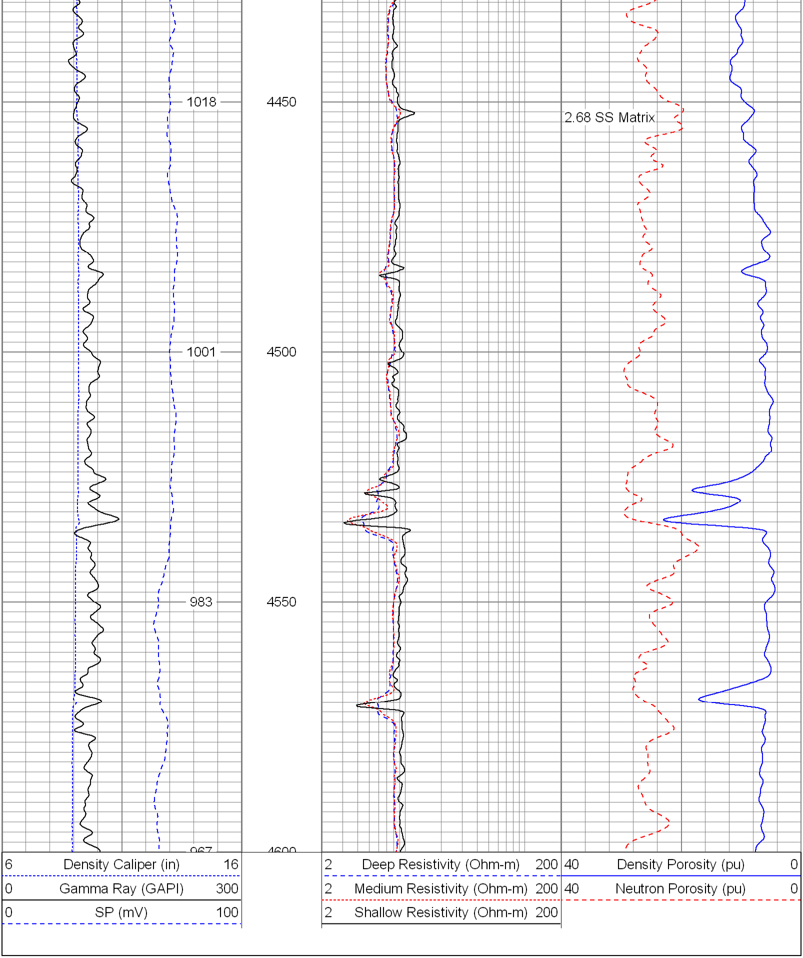
Annular volume calculated for 4-1/2" casing
Ensign Drilling Rig 120
Thank you for using Phoenix Surveys!!
API #: 05-123-22947-00
No Repeat Pass due to hole conditions.

Database File: 6631.db
Dataset Pathname: pass2
Presentation Format: encana1
Dataset Creation: Fri Dec 08 16:41:19 2006 by Log Open-Cased 051020
Charted by: Depth in Feet scaled 1:240







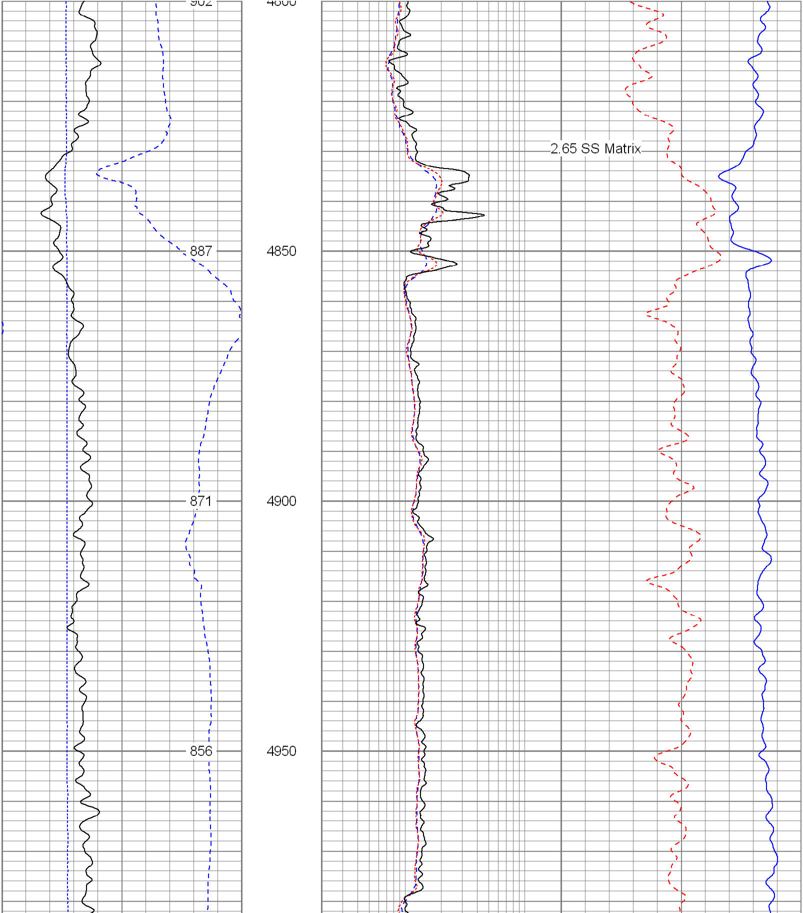


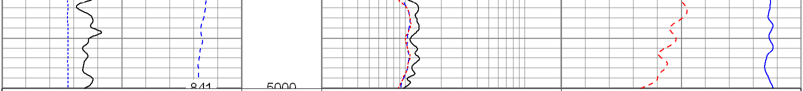
Database File:	6631.db
Dataset Pathname:	pass2
Presentation Format:	encana1
Dataset Creation:	Fri Dec 08 16:41:19 2006 by Log Open-Cased 051020
Charted by:	Depth in Feet scaled 1:240

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

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

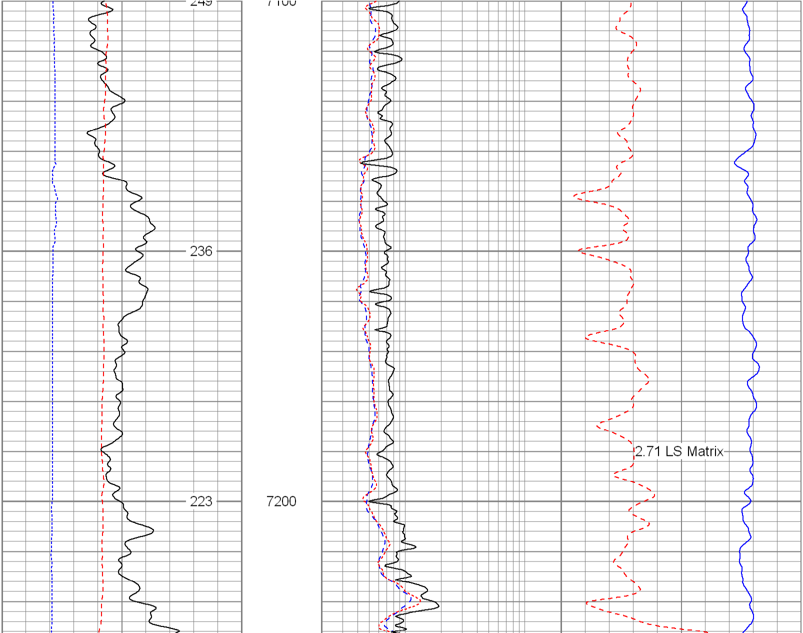
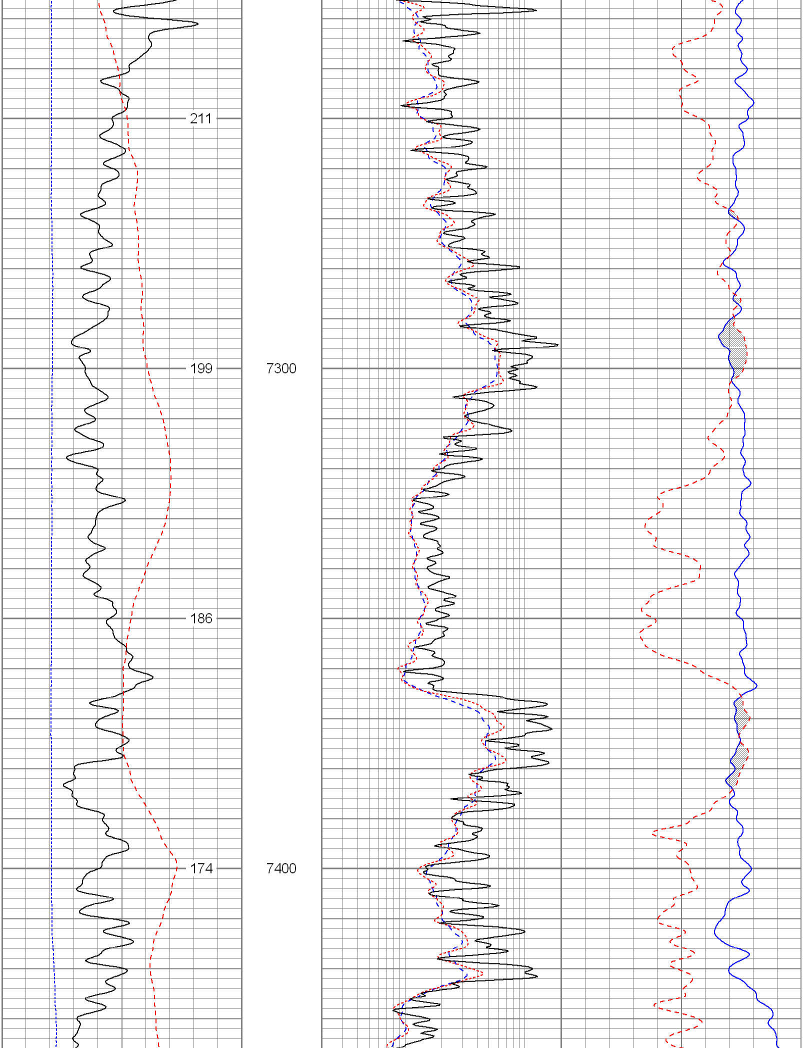
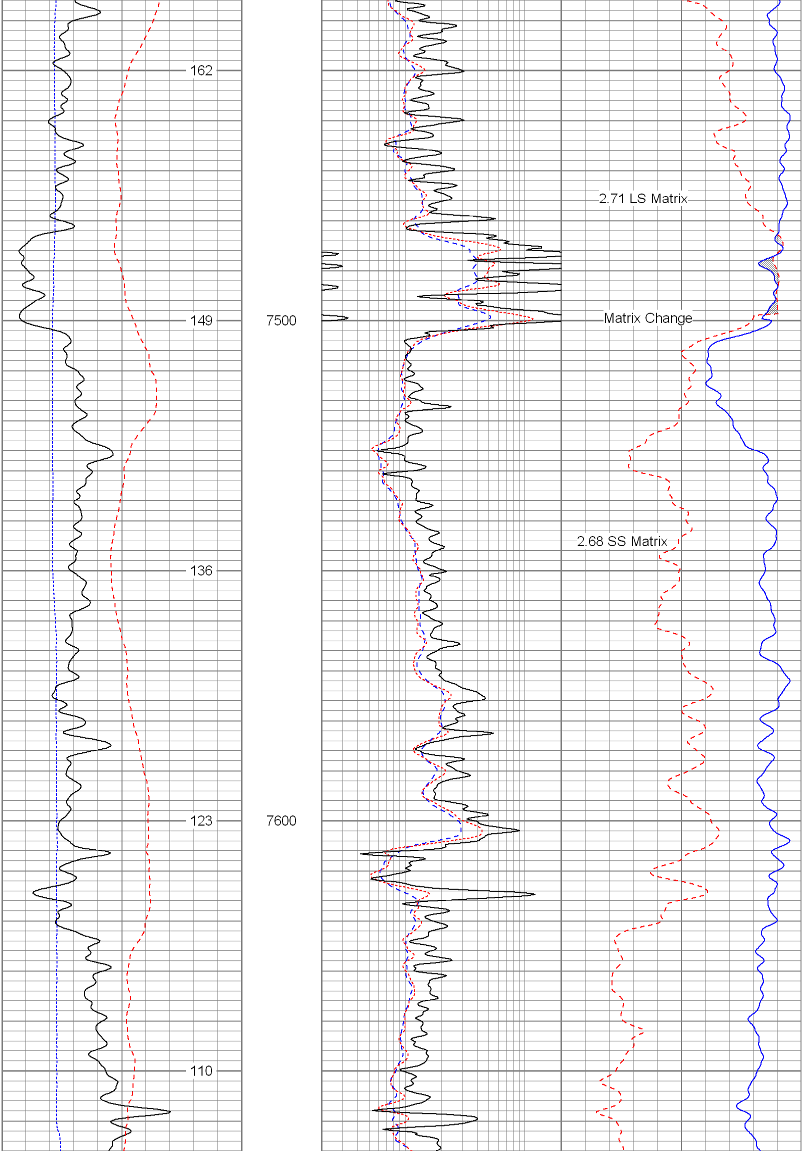
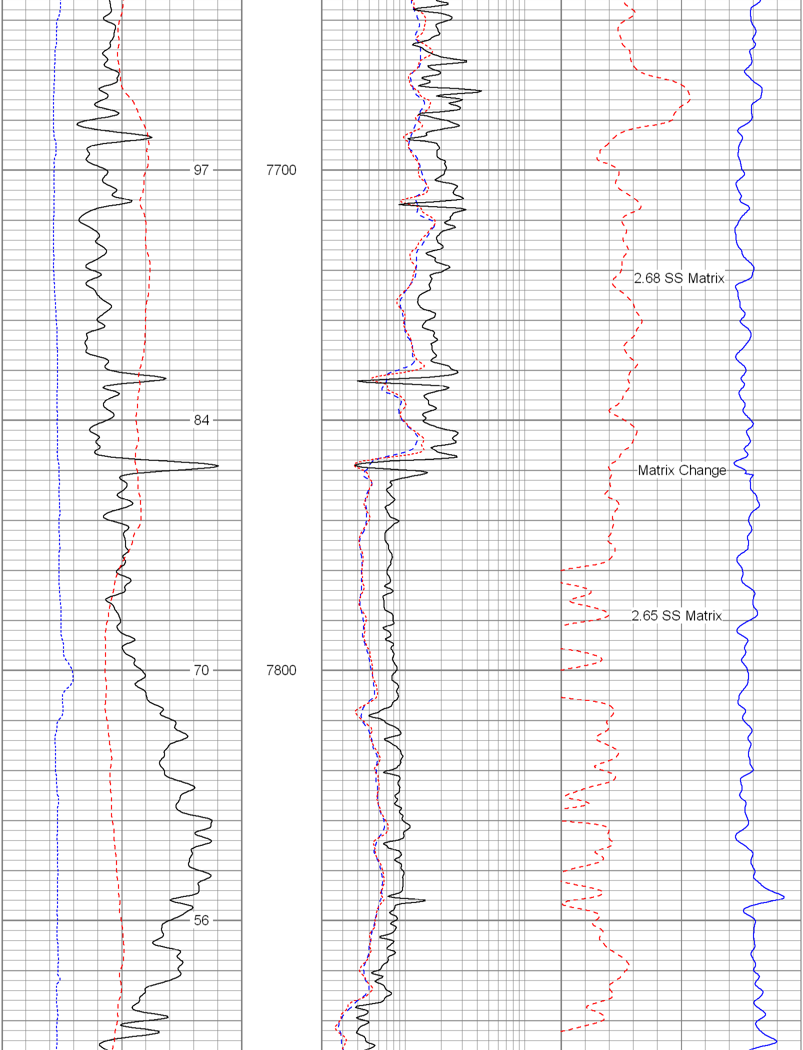
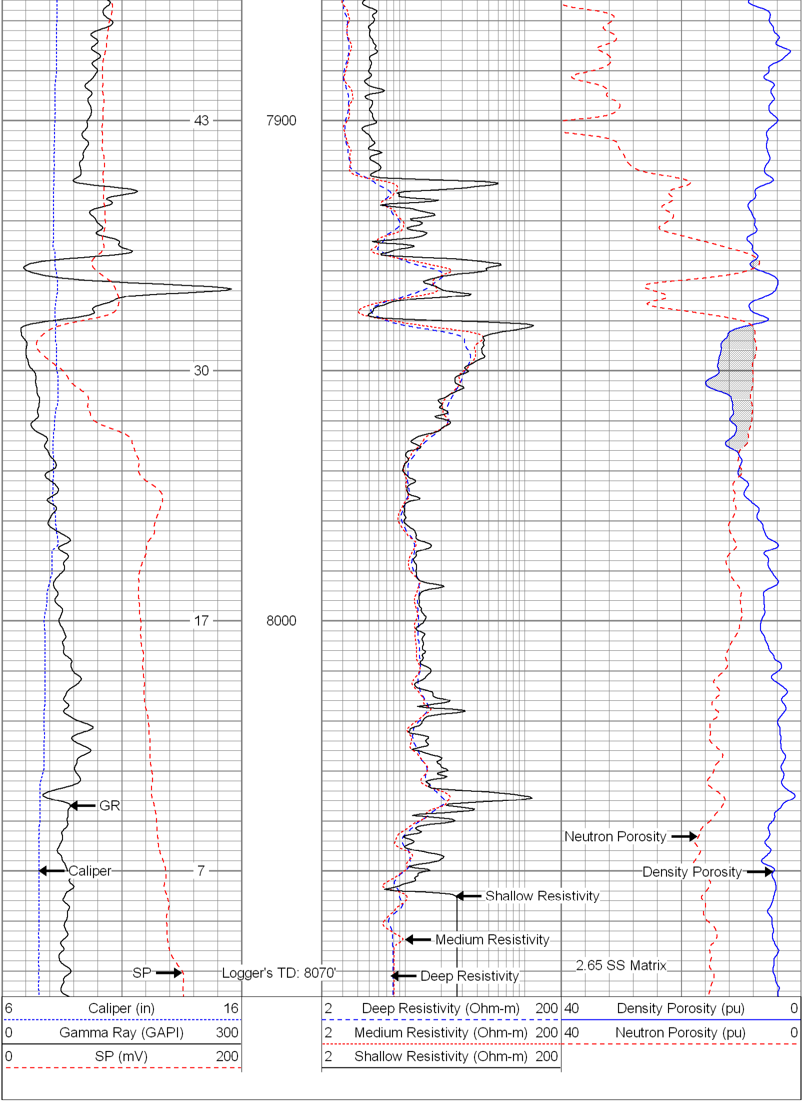
40 Density Porosity (pu) 0
40 Neutron Porosity (pu) 0





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	

Database File: 6631.db
Dataset Pathname: final
Presentation Format: encana
Dataset Creation: Fri Dec 08 17:10:48 2006
Charted by: Depth in Feet scaled 1:240

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