PHOENIX SURVEYS, INC.

COMPENSATED DENSITY
COMPENSATED NEUTRON
DUAL INDUCTION

Company
Well
Field
County
State/Prv

Company EnCana Oil & Gas (USA) Inc
Well Harsch 42-27
Field Wattenberg
County Boulder **State/Province** Colorado

Location
1835' FNL & 663' FEL
SE NE
Sec. 27, Twp. 2N, Rge. 69W

Other Services
None

Elevation
K.B. 5051
D.F. 5050
G.L. 5036

Permanent Datum GL Elevation 5036
Log Measured From KB
Drilling Measured From KB

Date	February 15, 2008		
Run Number	1		
Depth Driller	8045		
Depth Logger	8038		
Bottom Logged Interval	8038		
Top Log Interval	Casing		
Casing Driller	682		
Casing Logger	682		
Bit Size	7-7/8"		
Type Fluid in Hole	Chem Gel		
Density / Viscosity	9.9 / 55		
pH / Fluid Loss	8.0 / 8.8		
Source of Sample	Flowline		
Rm @ Meas. Temp	3.44 @ 77° F		
Rmf @ Meas. Temp	2.58 @ 77° F		
Rmc @ Meas. Temp	4.30 @ 77° F		
Source of Rmf / Rmc	Measure / Calc		
Rm @ BHT	1.08 @ 218° F		
Time Circulation Stopped	0130		
Time Logger on Bottom	0930		
Maximum Recorded Temperature	218° F		
Equipment Number	4420		
Location	Brighton, CO		
Recorded By	Eric Christensen		
Witnessed By	Ed Pilcher		

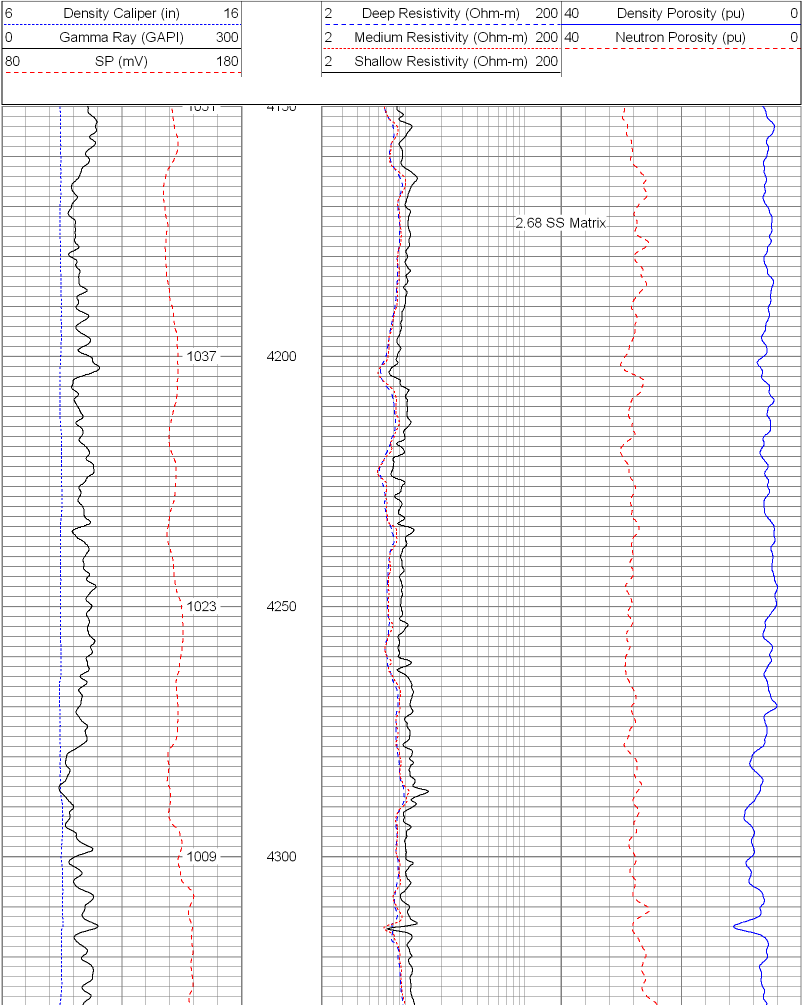
<<< Fold Here >>>

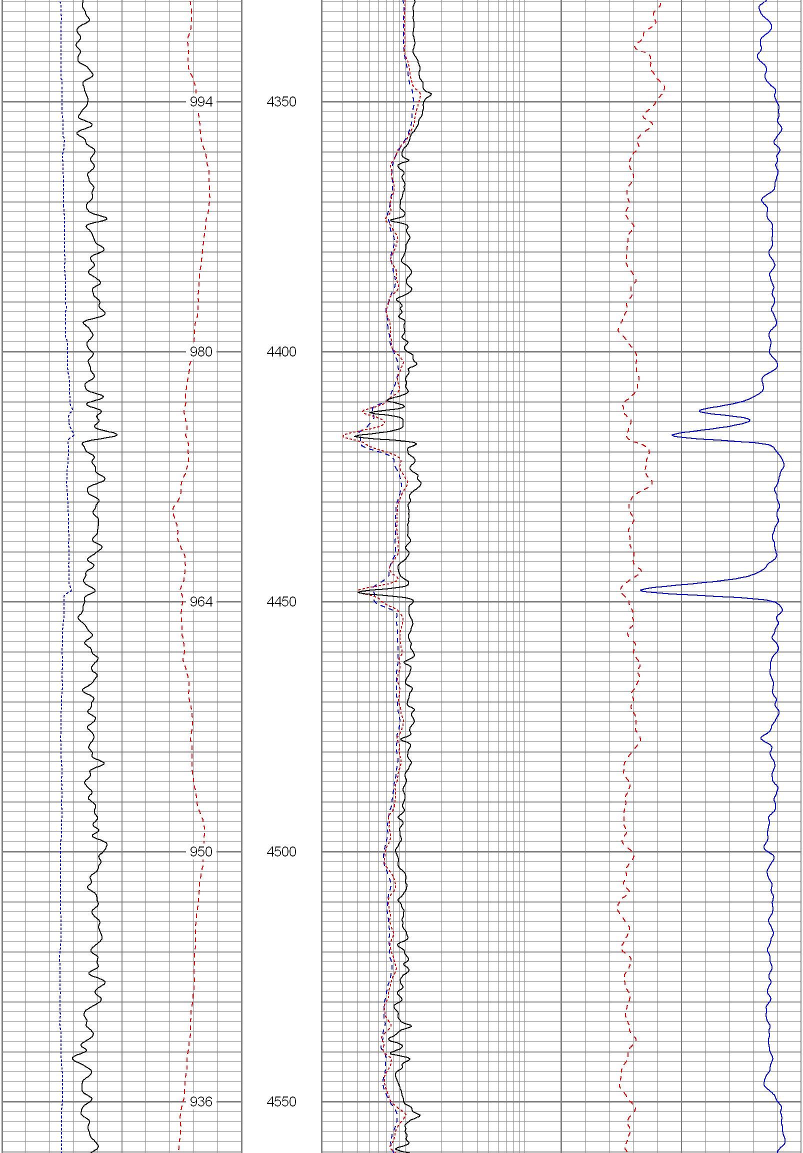
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

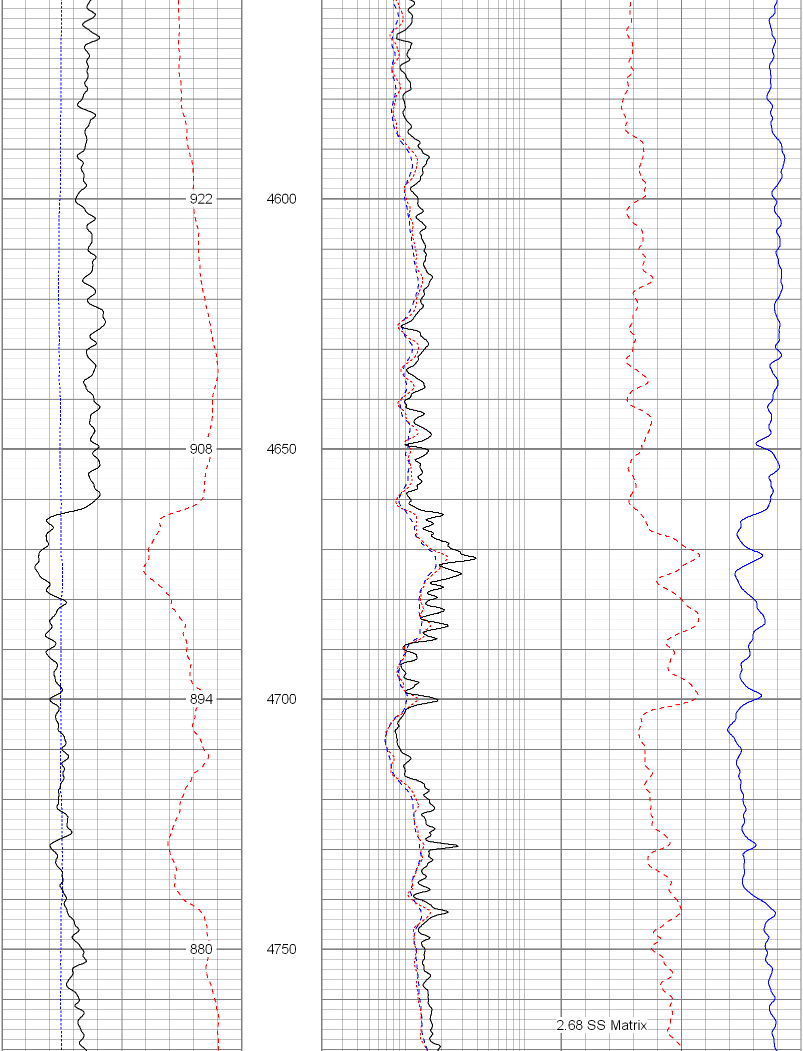
Comments

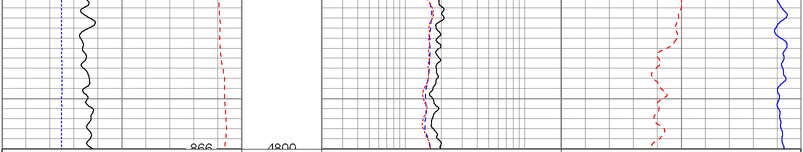
Annular volume calculated for 4-1/2" casing
Patterson UTI Rig 34
Thank you for using Phoenix Surveys!!
API #: 05-013-06544-00

Database File:	8362.db
Dataset Pathname:	pass3
Presentation Format:	encana1
Dataset Creation:	Fri Feb 15 10:08:54 2008 by Log Open-Cased 061129
Charted by:	Depth in Feet scaled 1:240









6 Density Caliper (in) 16
0 Gamma Ray (GAPI) 300
80 SP (mV) 180

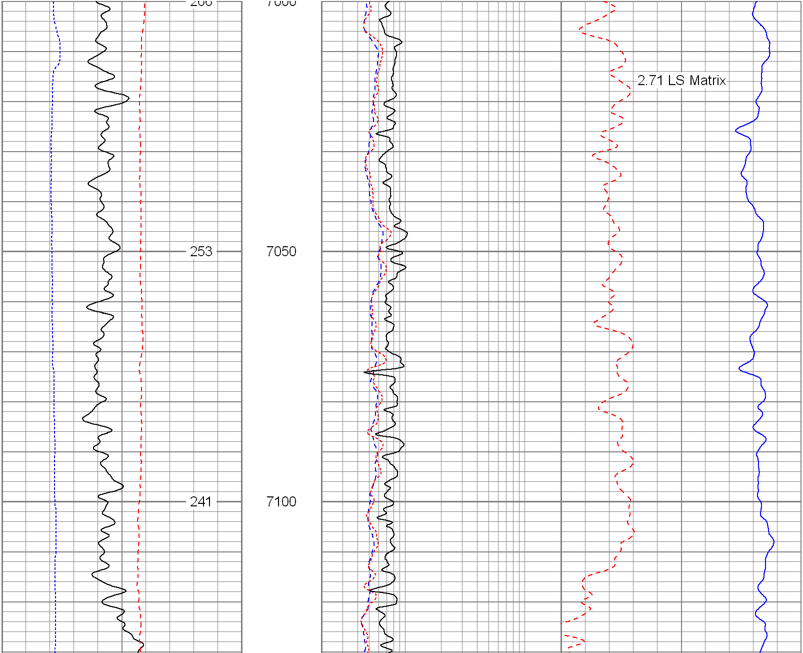
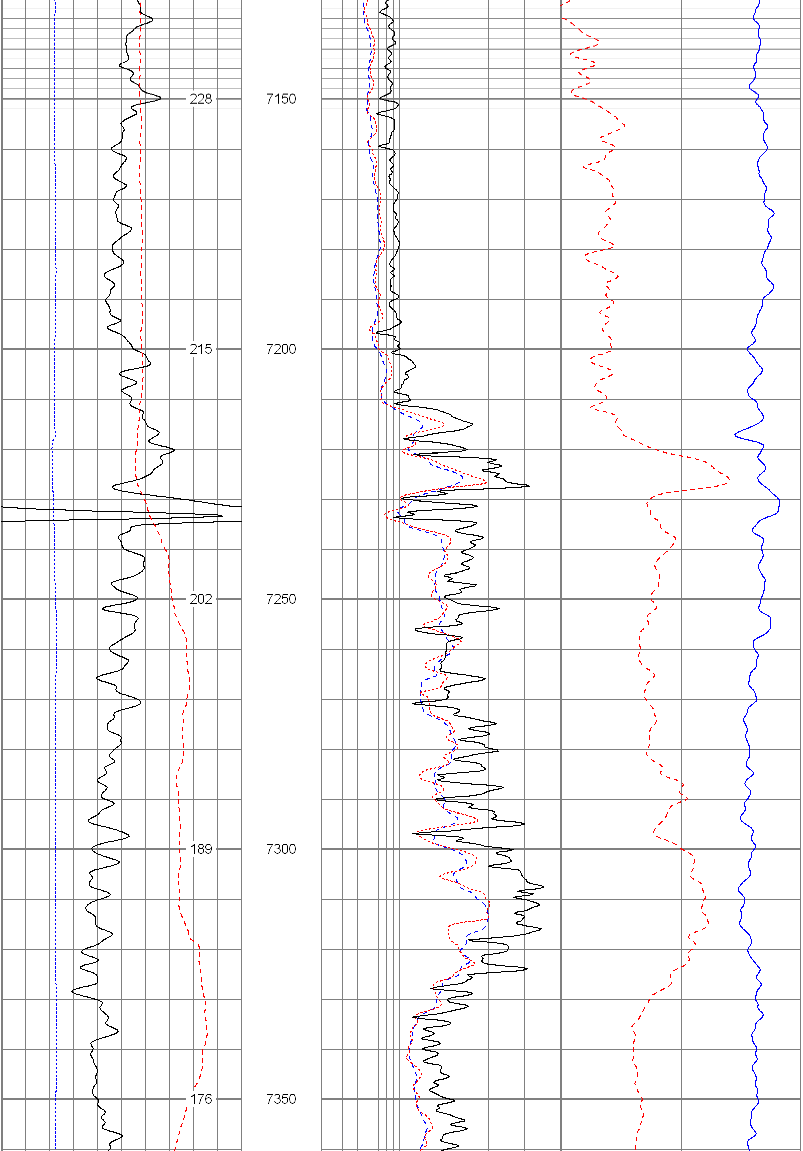
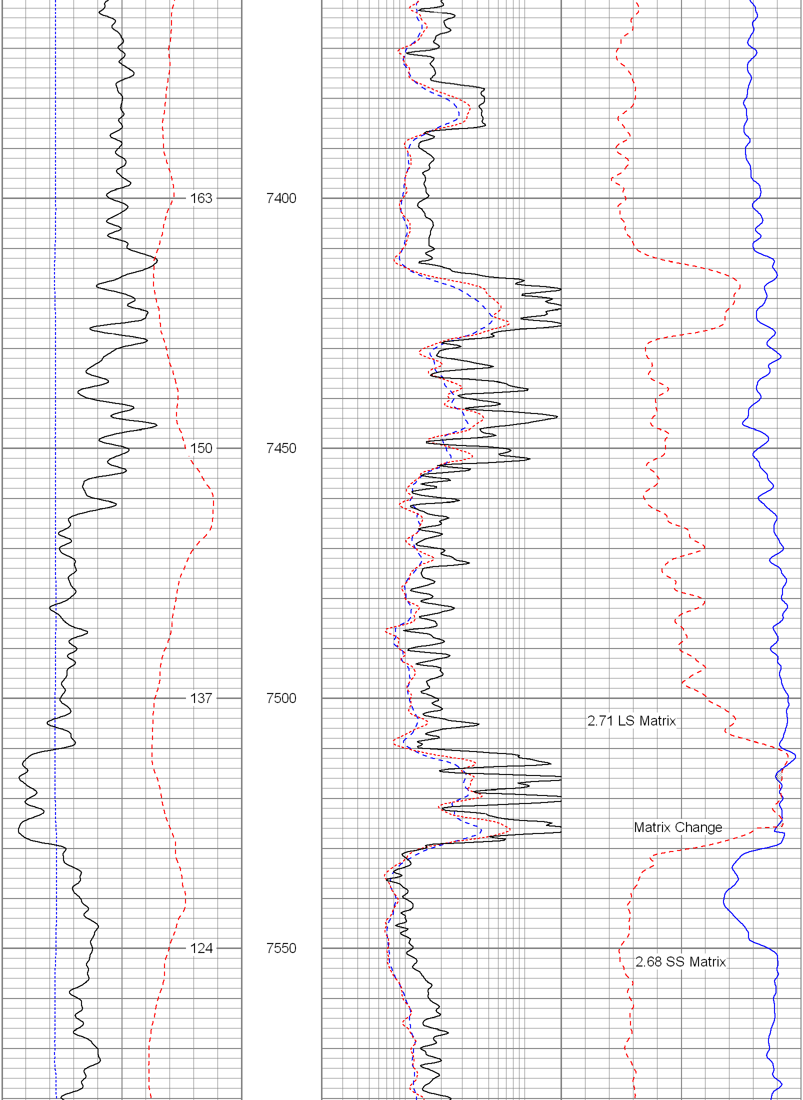
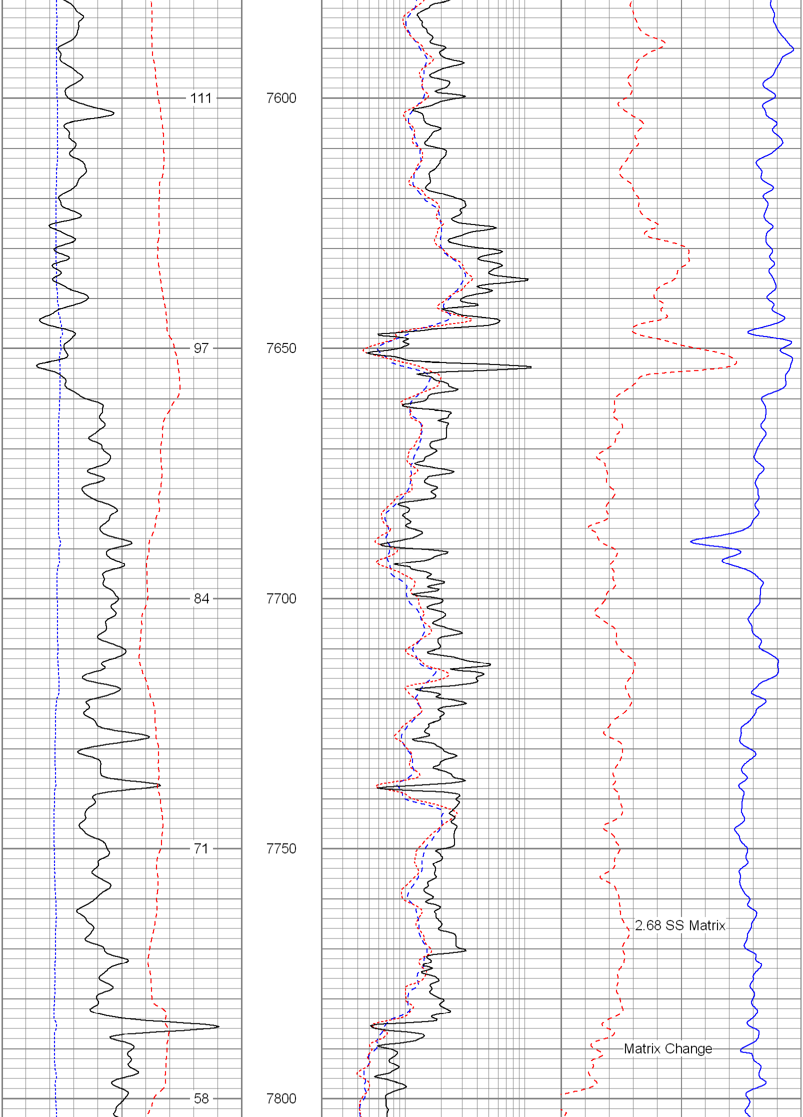
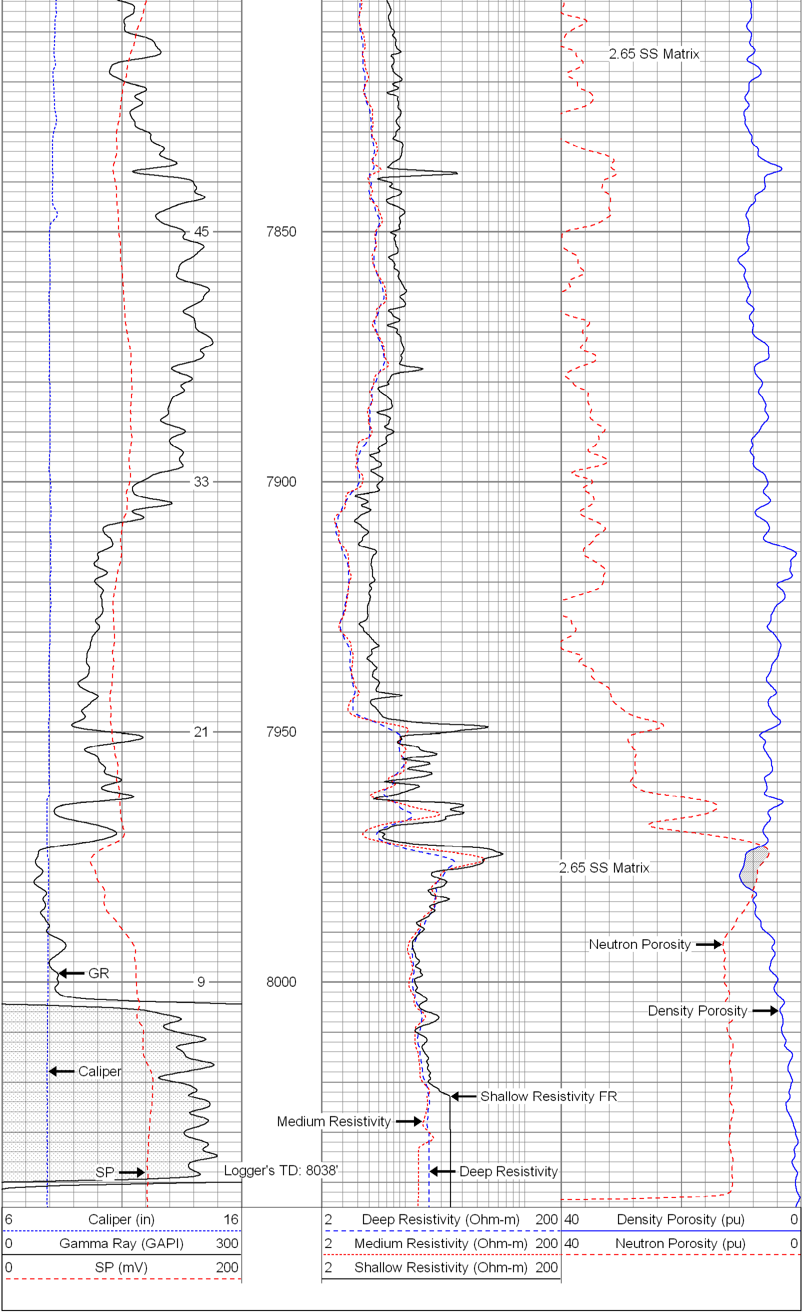
2 Deep Resistivity (Ohm-m) 200
2 Medium Resistivity (Ohm-m) 200
2 Shallow Resistivity (Ohm-m) 200

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

Database File:	8362.db
Dataset Pathname:	final
Presentation Format:	encana
Dataset Creation:	Fri Feb 15 10:43:24 2008
Charted by:	Depth in Feet scaled 1:240

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