PHOENIX SURVEYS, INC.

COMPENSATED DENSITY
COMPENSATED NEUTRON
DUAL INDUCTION

Company
Well
Field
County
State/Prv

Company	EnCana Oil & Gas (USA) Inc.
Well	Barclay Crisman 2-8-20
Field	Wattenberg
County	Weld
State/Province	Colorado

Location
SHL: 622' FSL & 1968' FWL SE SW
BHL: 41' FSL & 1313' FWL
Sec 20, Twp 3N, Rge 66W

Other Services
None

Elevation
K.B. 4933
D.F. 4932
G.L. 4917

Permanent Datum	GL	Elevation	4917
Log Measured From	KB		
Drilling Measured From	KB		

Date	April 05, 2007		
Run Number	1		
Depth Driller	8091		
Depth Logger	8069		
Bottom Logged Interval	8069		
Top Log Interval	Casing		
Casing Driller	663		
Casing Logger	663		
Bit Size	7-7/8"		
Type Fluid in Hole	Chem Gel		
Density / Viscosity	9.7 / 54		
pH / Fluid Loss	8.0 / 7.6		
Source of Sample	Flowline		
Rm @ Meas. Temp	2.62 @ 75°F		
Rmf @ Meas. Temp	1.97 @ 75°F		
Rmc @ Meas. Temp	3.28 @ 75°F		
Source of Rmf / Rmc	Measure / Calc		
Rm @ BHT	0.89 @ 224 °F		
Time Circulation Stopped	0045		
Time Logger on Bottom	1445		
Maximum Recorded Temperature	224 °F		
Equipment Number	4078		
Location	Brighton, CO		
Recorded By	Maciej Staron		
Witnessed By	John Walsh		

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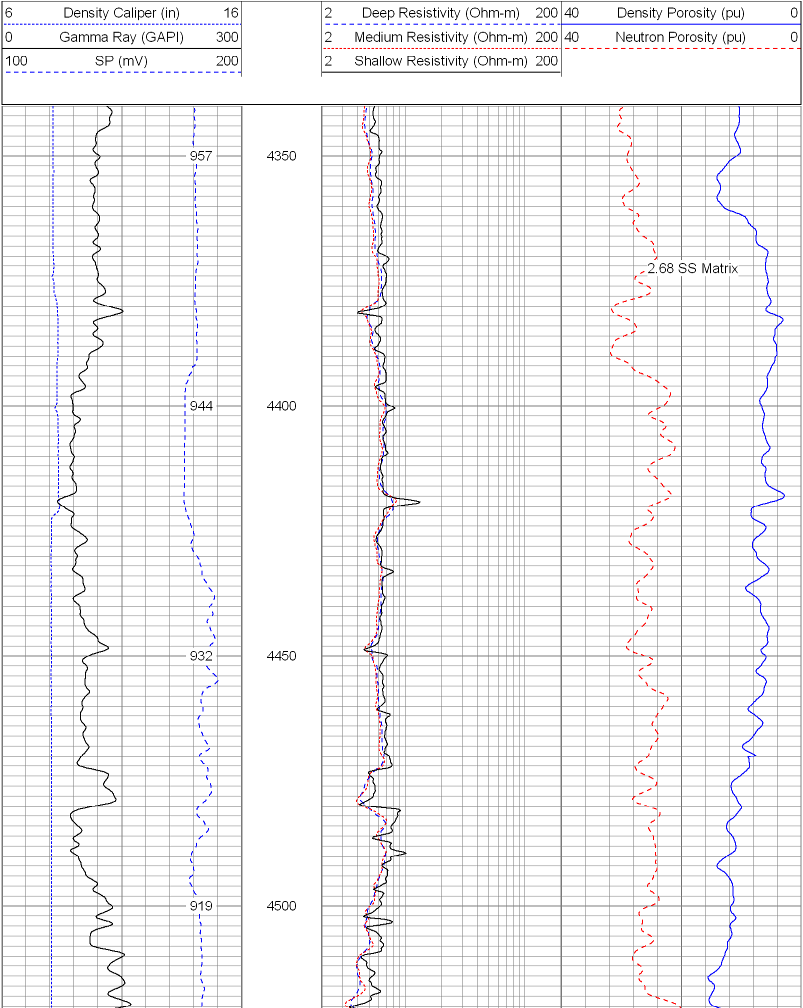
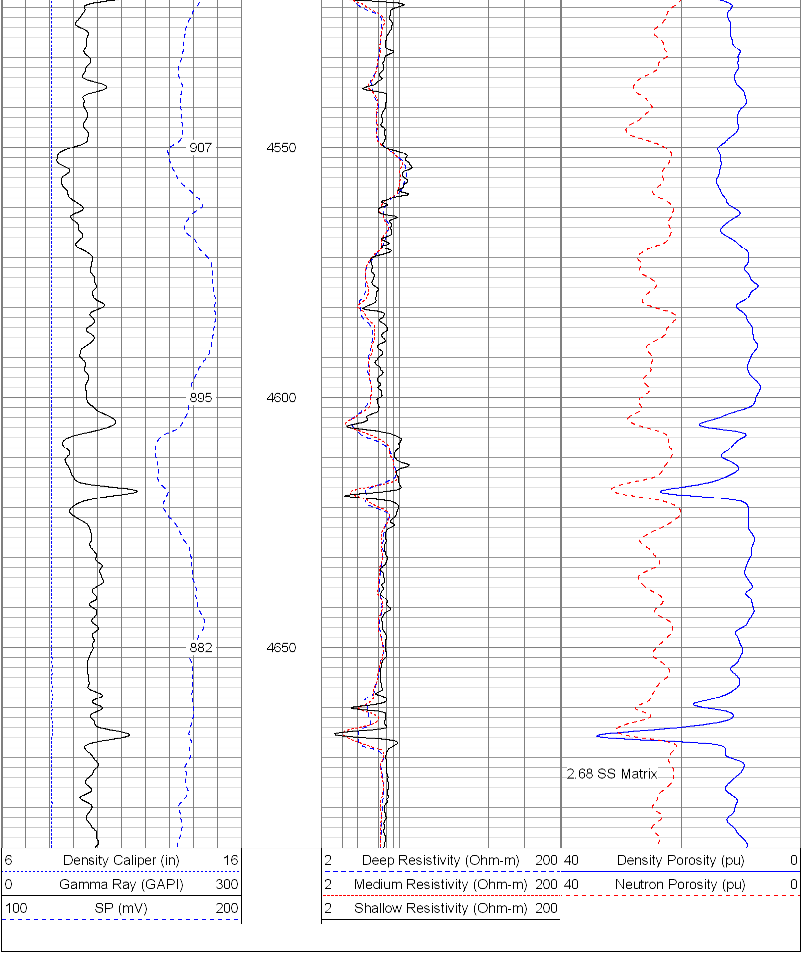
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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
Ensign Drilling Rig 120
Thank you for using Phoenix Surveys!!
API #: 05-123-24110-00
No Repeat pass due to hole conditions!

Database File:	6970.db
Dataset Pathname:	main
Presentation Format:	encana1
Dataset Creation:	Thu Apr 05 16:18:07 2007
Charted by:	Depth in Feet scaled 1:240





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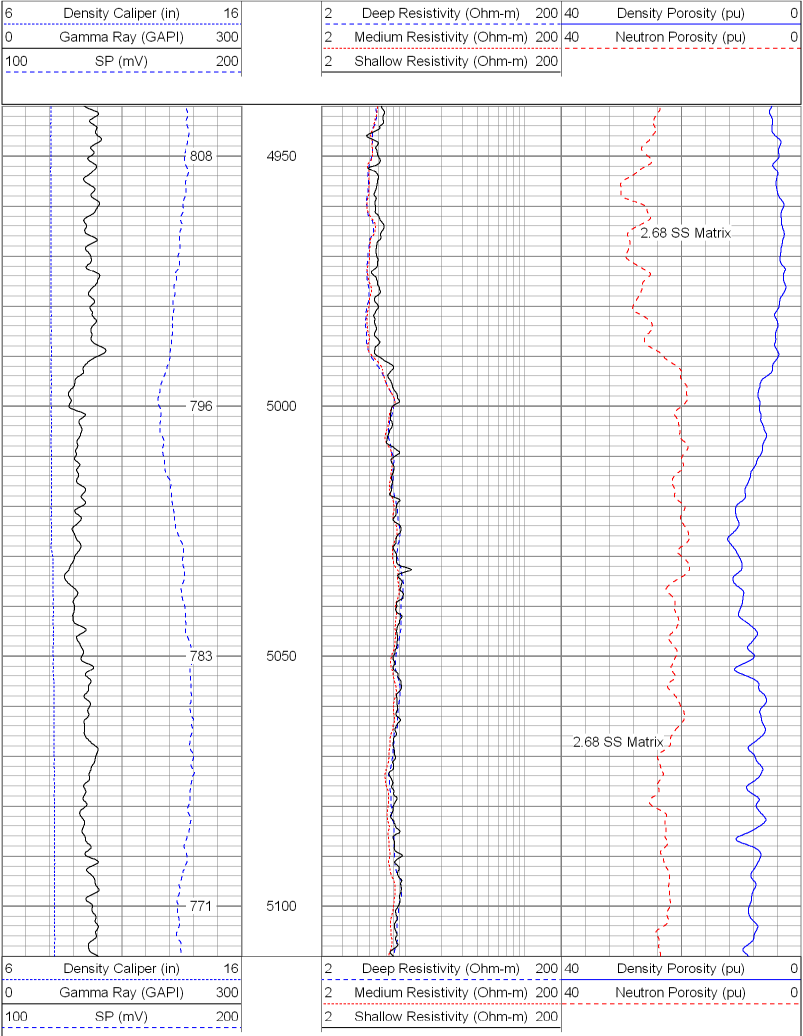

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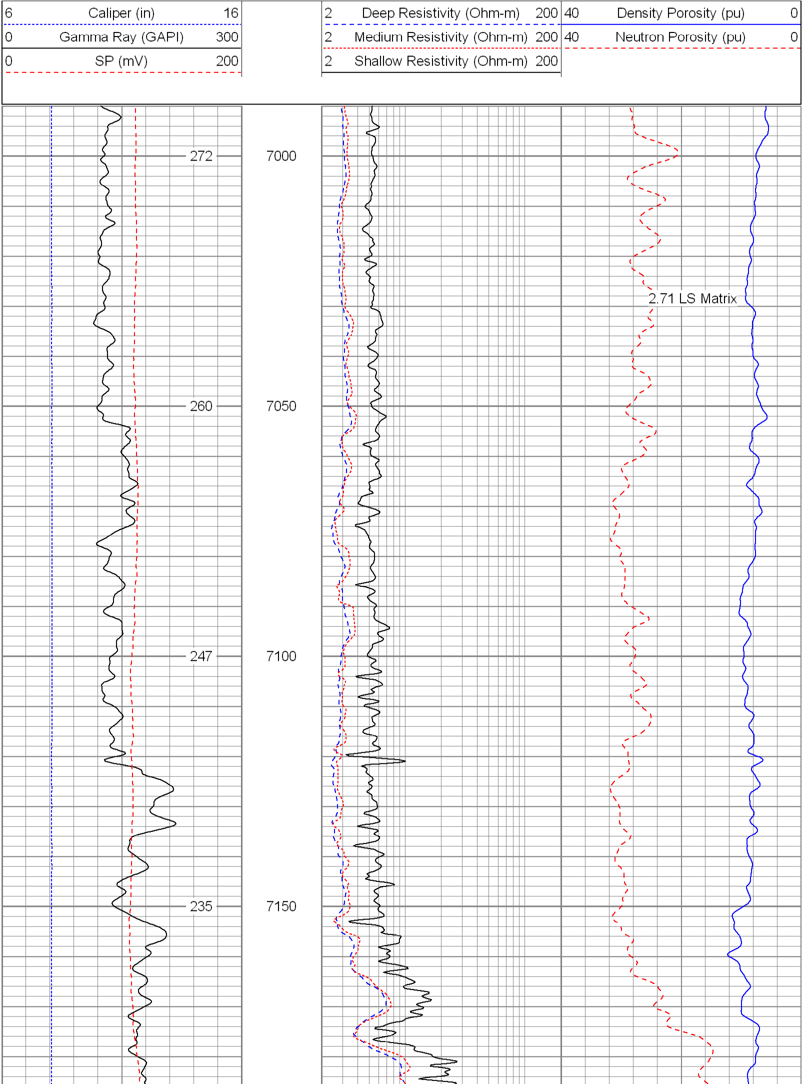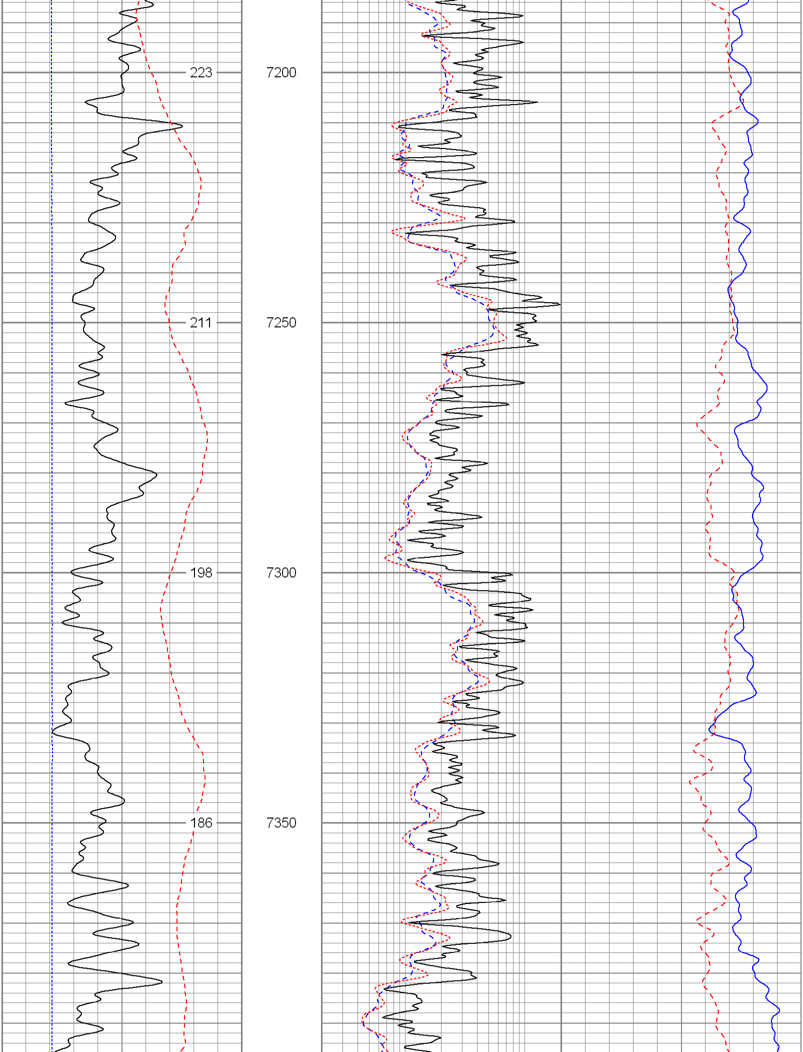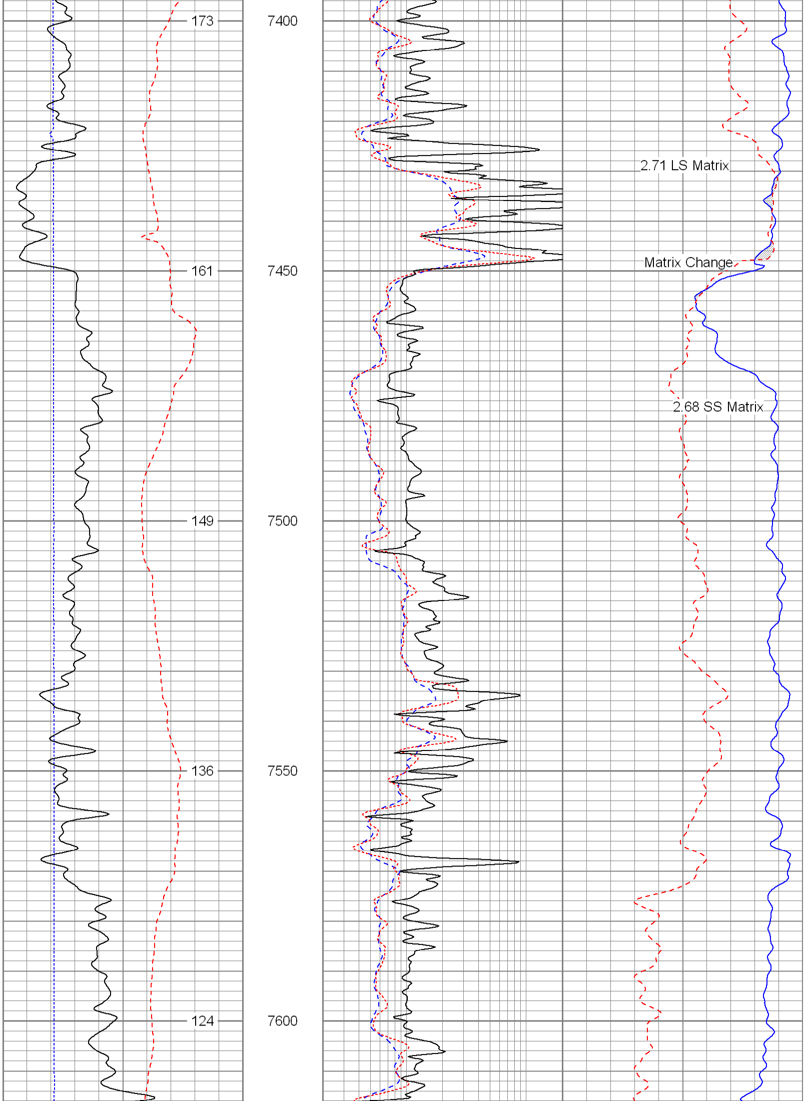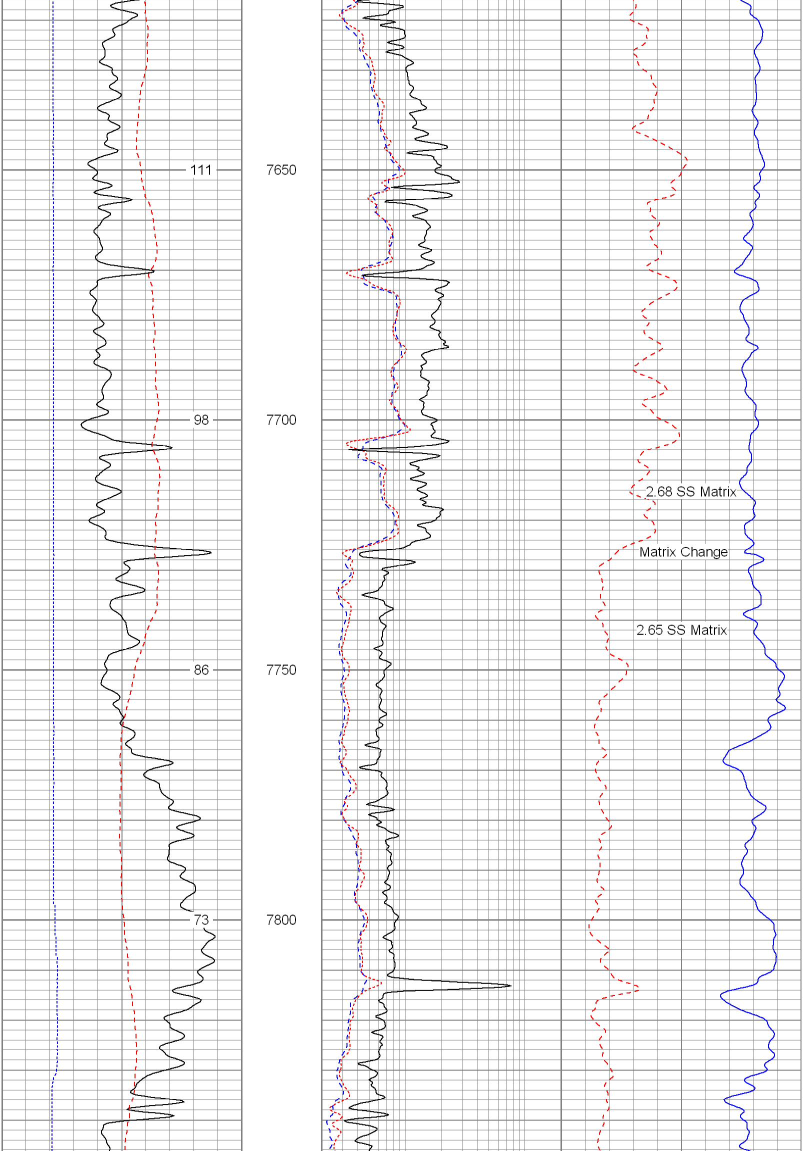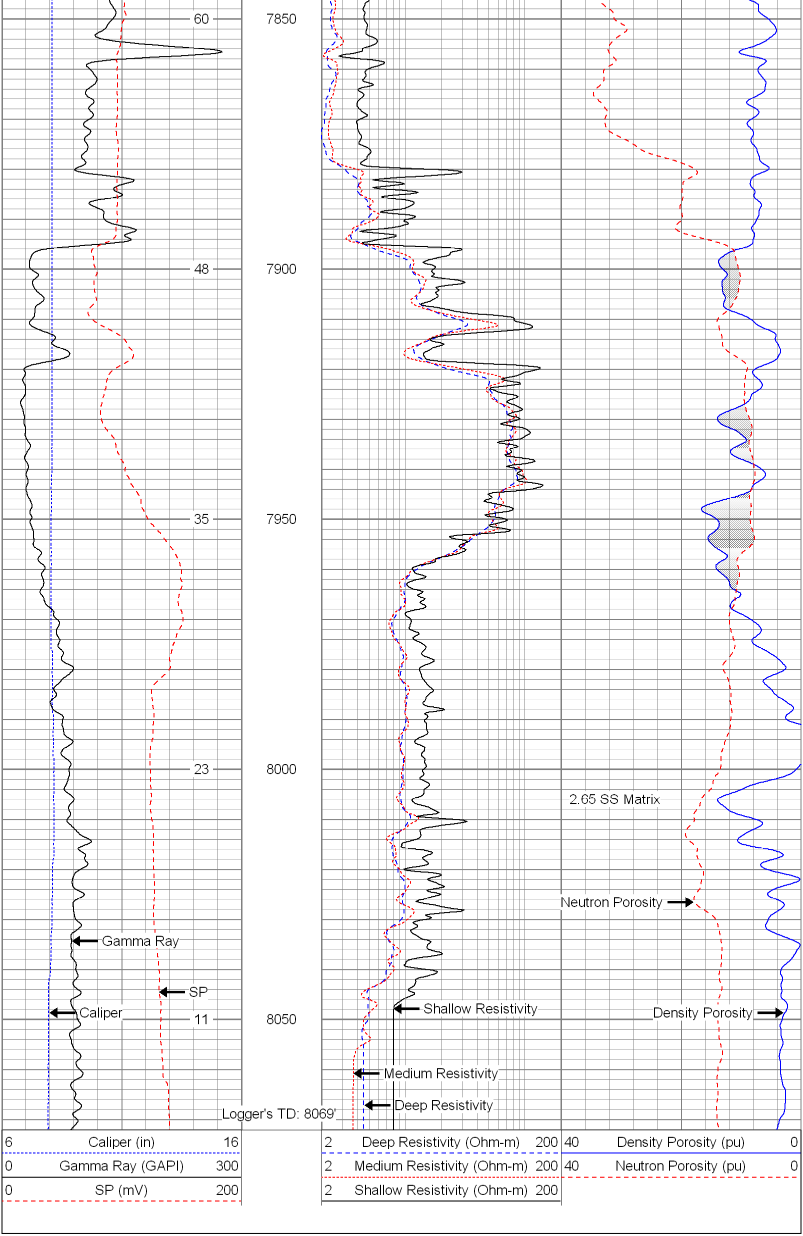
6 Caliper (in) 16
0 Gamma Ray (GAPI) 300
0 SP (mV) 200
2 Deep Resistivity (Ohm-m) 200
2 Medium Resistivity (Ohm-m) 200
2 Shallow Resistivity (Ohm-m) 200
40 Density Porosity (pu) 0
40 Neutron Porosity (pu) 0
272
7000
260
7050
247
7100
235
7150
2.71 LS Matrix