PSI PHOENIX SURVEYS, INC.

COMPENSATED DENSITY
COMPENSATED NEUTRON
DUAL INDUCTION

Company	EnCana Oil & Gas (USA) Inc.
Well	Ray Nelson 13-32
Field	Wattenberg
County	Weld
State/Province	Colorado
Location	SHL: 994' FSL & 1083' FWL SW SW BHL: 2130' FSL & 510' FWL NW SW Sec 32, Twp 2N, Rge 68W
Other Services	None

Permanent Datum	GL	Elevation 4964
Log Measured From	KB	
Drilling Measured From	KB	

Elevation: K.B. 4979, D.F. 4978, G.L. 4964

Date	April 9, 2008
Run Number	1
Depth Driller	8347
Depth Logger	8337
Bottom Logged Interval	8337
Top Log Interval	Casing
Casing Driller	681
Casing Logger	681
Bit Size	7-7/8"
Type Fluid in Hole	Chem Gel
Density / Viscosity	9.7 / 55
pH / Fluid Loss	7.5 / 8.8
Source of Sample	Flowline
Rm @ Meas. Temp	2.51 @ 77°F
Rmf @ Meas. Temp	2.04 @ 77°F
Rmc @ Meas. Temp	3.16 @ 77°F
Source of Rmf / Rmc	Measure / Calc
Rm @ BHT	1.05 @ 220 °F
Time Circulation Stopped	1700 4/8
Time Logger on Bottom	1445
Maximum Recorded Temperature	220 °F
Equipment Number	4078
Location	Brighton, CO
Recorded By	Randy Conley
Witnessed By	Craig Hope

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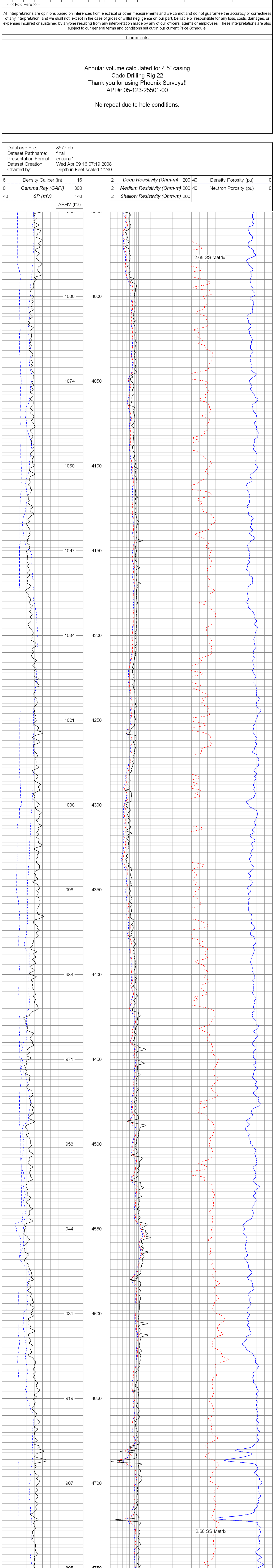
Comments

Annular volume calculated for 4.5" casing
Cade Drilling Rig 22
Thank you for using Phoenix Surveys!!
API #: 05-123-25501-00

No repeat due to hole conditions.

Database File:	8577.db
Dataset Pathname:	final
Presentation Format:	encana1
Dataset Creation:	Wed Apr 09 16:07:19 2008
Charted by:	Depth in Feet scaled 1:240

6 Density Caliper (in) 16 | 0 Gamma Ray (GAPI) 300 | 40 SP (mV) 140 | ABHV (ft3)
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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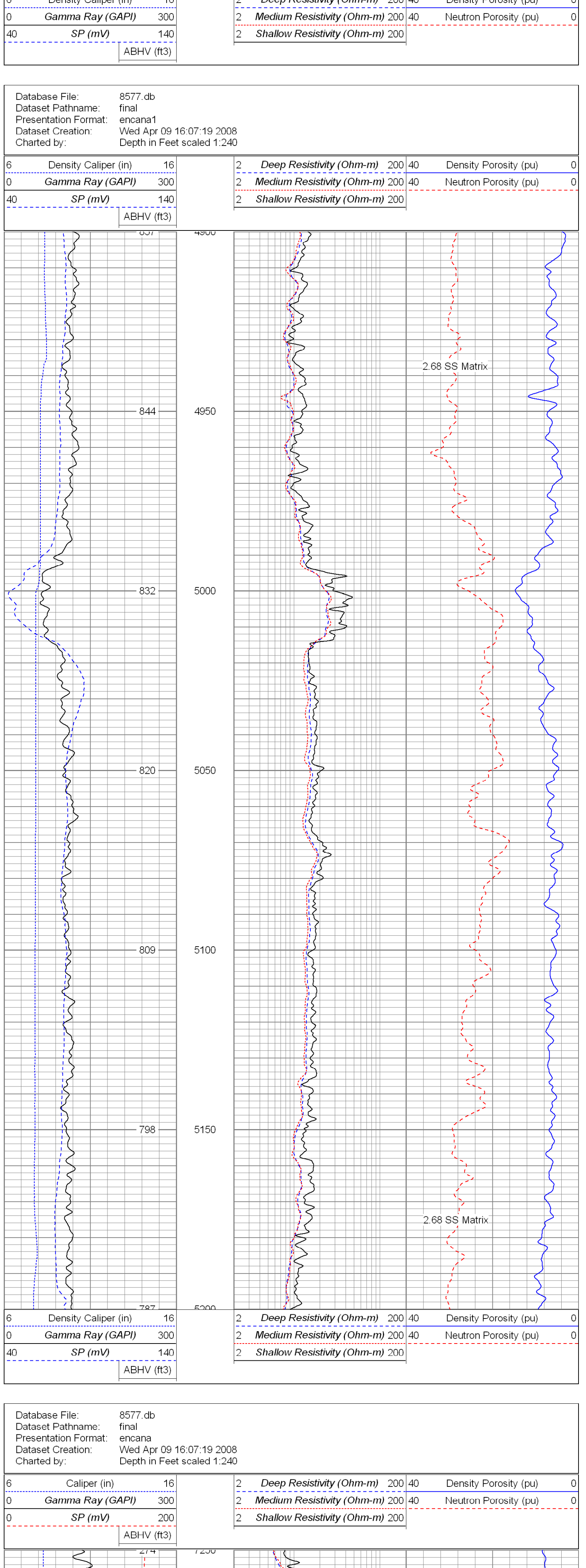

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