PHOENIX SURVEYS, INC.

COMPENSATED DENSITY
COMPENSATED NEUTRON
DUAL INDUCTION

Company
Well
Field
County
State/Prv

Company EnCana Oil & Gas (USA) Inc.
Well Brown 31-5
Field Wattenberg
County Weld **State/Province** Colorado

Location
SHL: 467' FNL & 2178' FWL NE NW
BHL: 660' FNL & 1980' FWL
Sec 5, Twp 1N, Rge 68W

Other Services
None

Permanent Datum GL Elevation 5085
Log Measured From KB
Drilling Measured From KB

Elevation
K.B. 5097
D.F. 5096
G.L. 5085

Date	October 29, 2006		
Run Number	1		
Depth Driller	8480		
Depth Logger	8485		
Bottom Logged Interval	8485		
Top Log Interval	Casing		
Casing Driller	725		
Casing Logger	725		
Bit Size	7-7/8"		
Type Fluid in Hole	Chem Gel		
Density / Viscosity	9.4 / 57		
pH / Fluid Loss	8.0 / 11.2		
Source of Sample	Flowline		
Rm @ Meas. Temp	2.92 @ 73°F		
Rmf @ Meas. Temp	2.35 @ 73°F		
Rmc @ Meas. Temp	3.66 @ 73°F		
Source of Rmf / Rmc	Measure / Calc		
Rm @ BHT	0.97 @ 219° F		
Time Circulation Stopped	1615		
Time Logger on Bottom	0100		
Maximum Recorded Temperature	219° F		
Equipment Number	4078		
Location	Brighton, CO		
Recorded By	Shaun Schuman		
Witnessed By	John Walsh		

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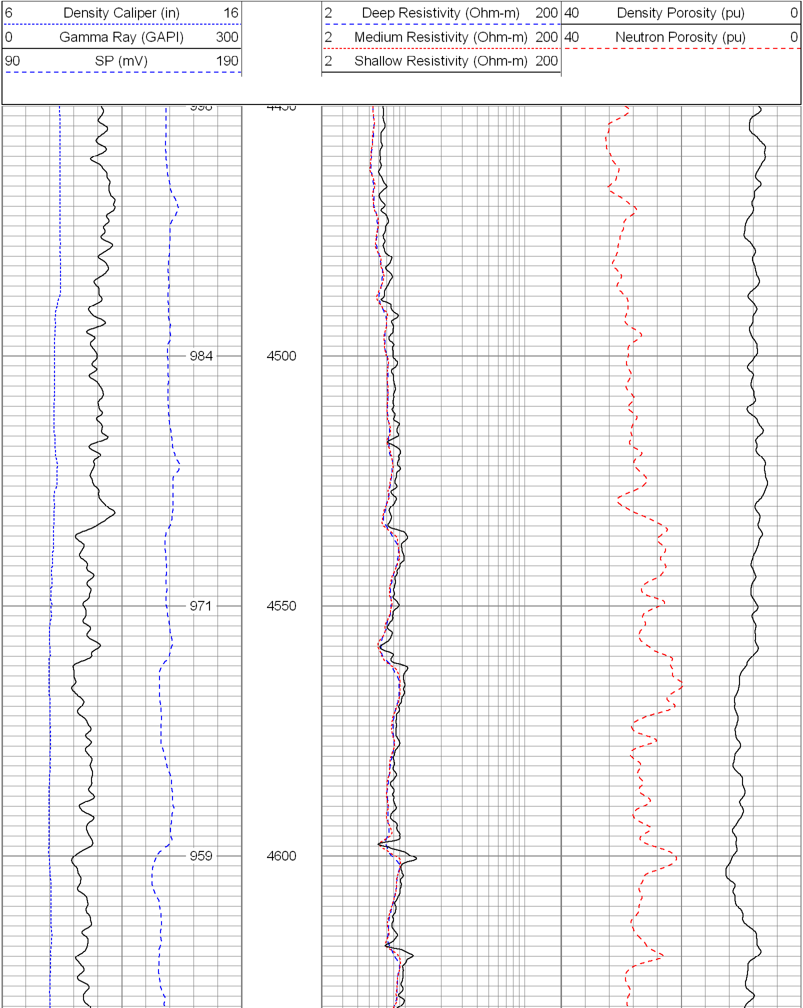
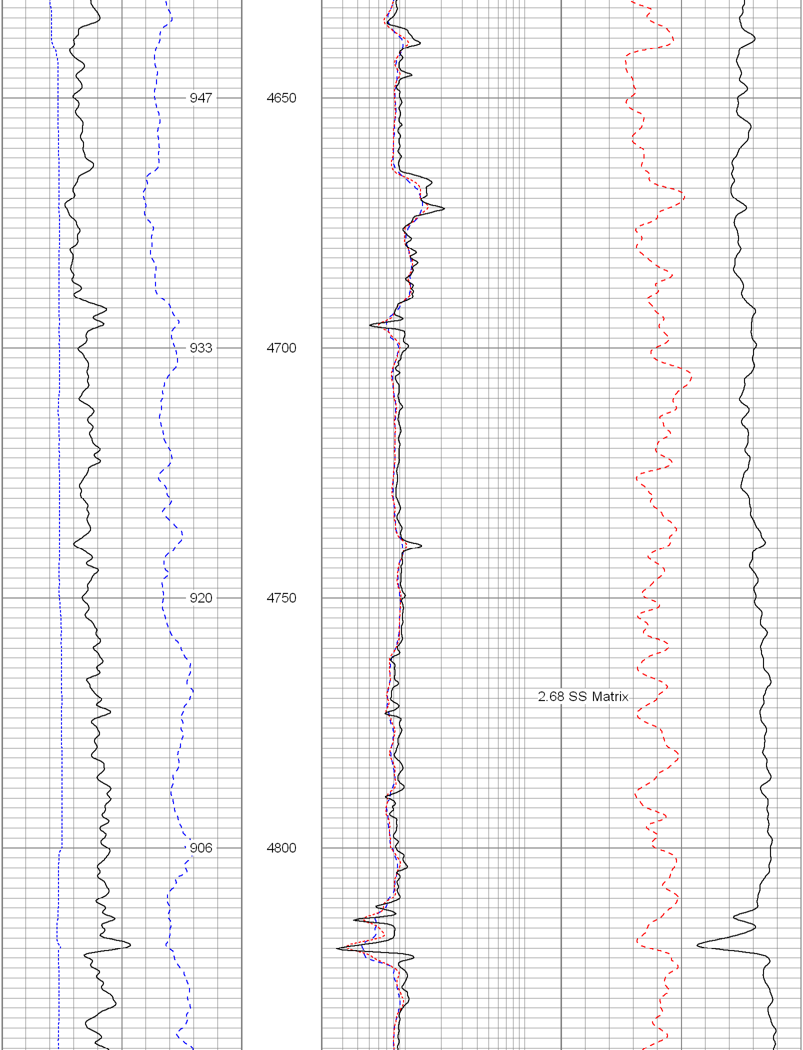
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

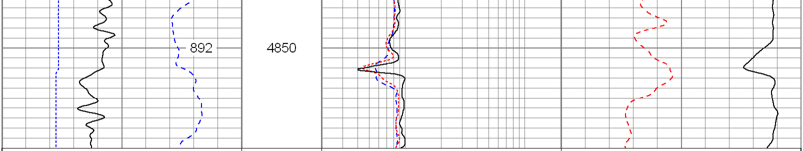
Comments

Annular volume calculated for 4.5" casing
Cade Drilling Rig 22
Thank you for using Phoenix Surveys!!
API #: 05-123-24165-00

Database File: 6493.db
Dataset Pathname: main
Presentation Format: encana1
Dataset Creation: Sun Oct 29 01:53:18 2006
Charted by: Depth in Feet scaled 1:240







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
90	SP (mV)	190	2	Shallow Resistivity (Ohm-m)	200			

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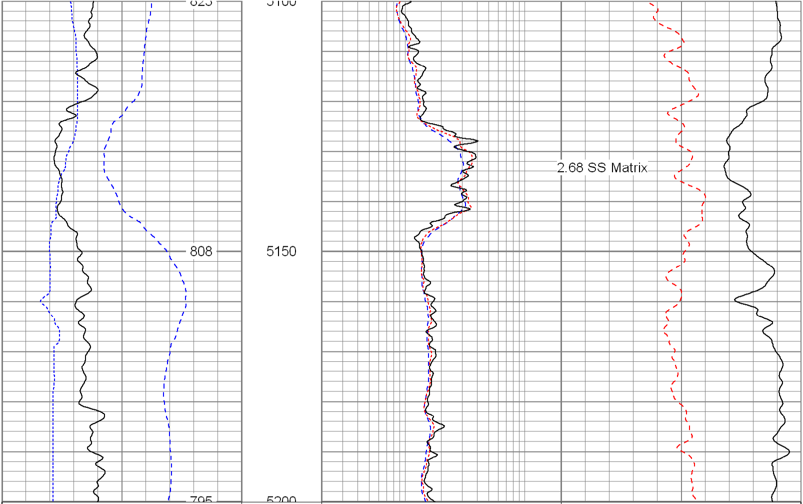

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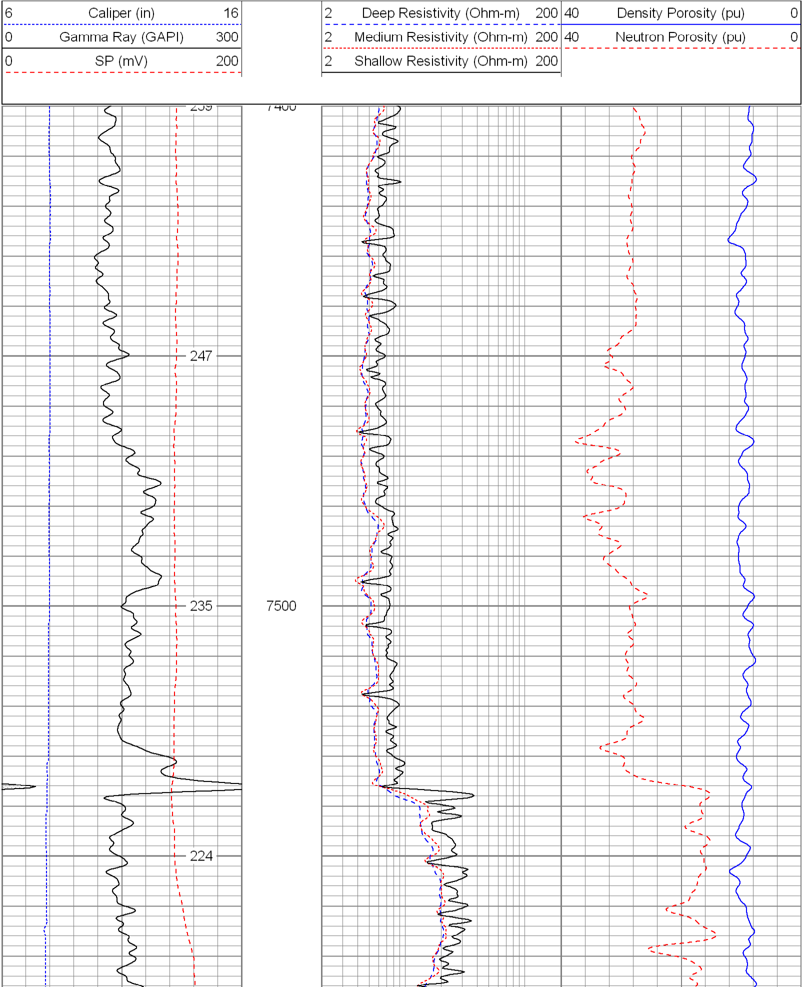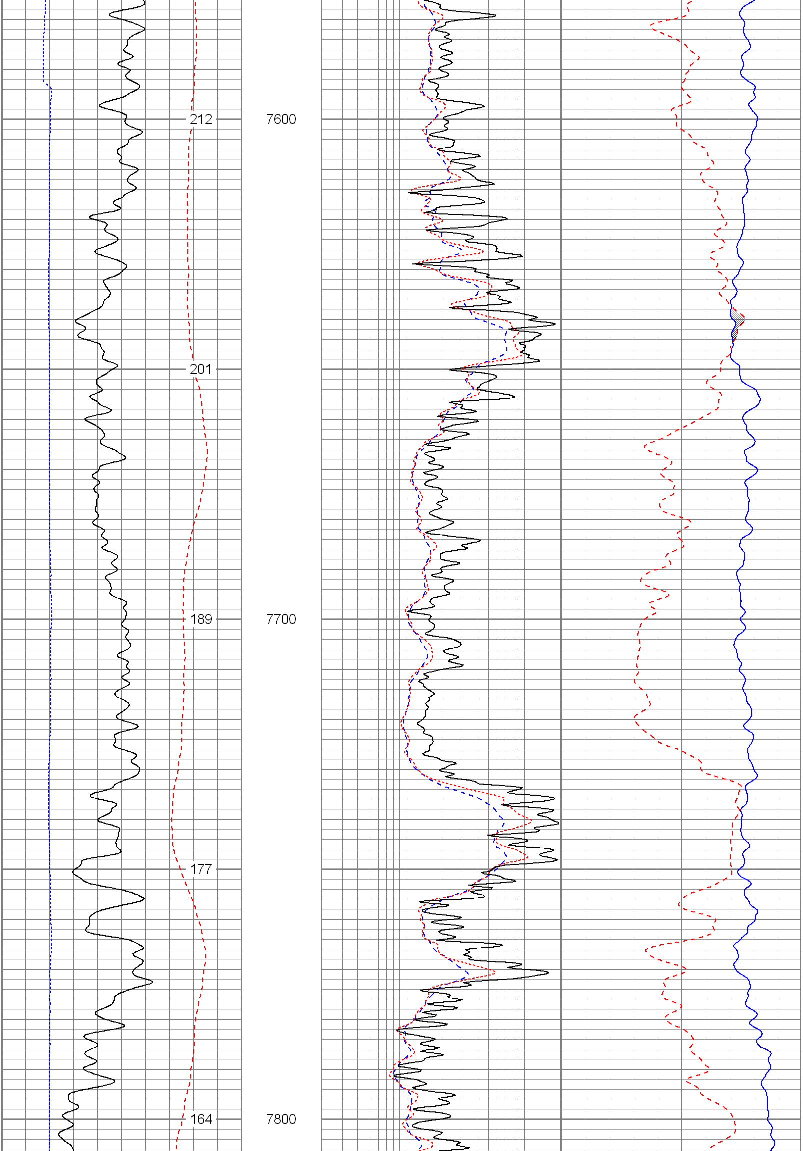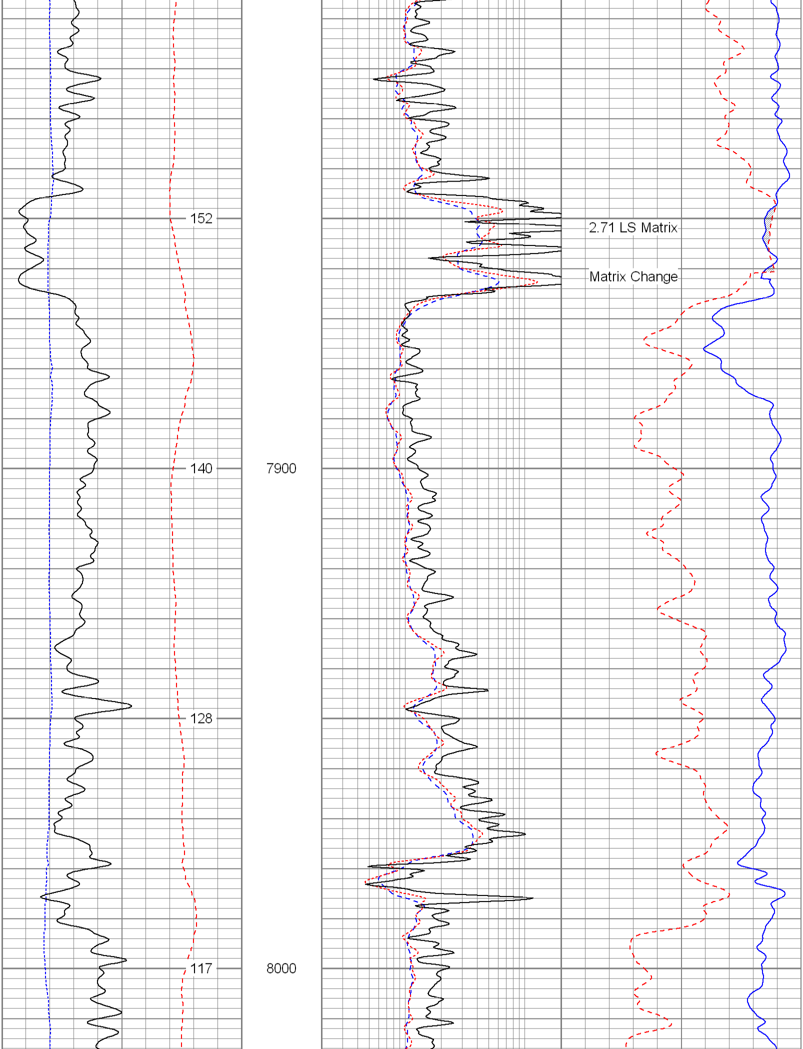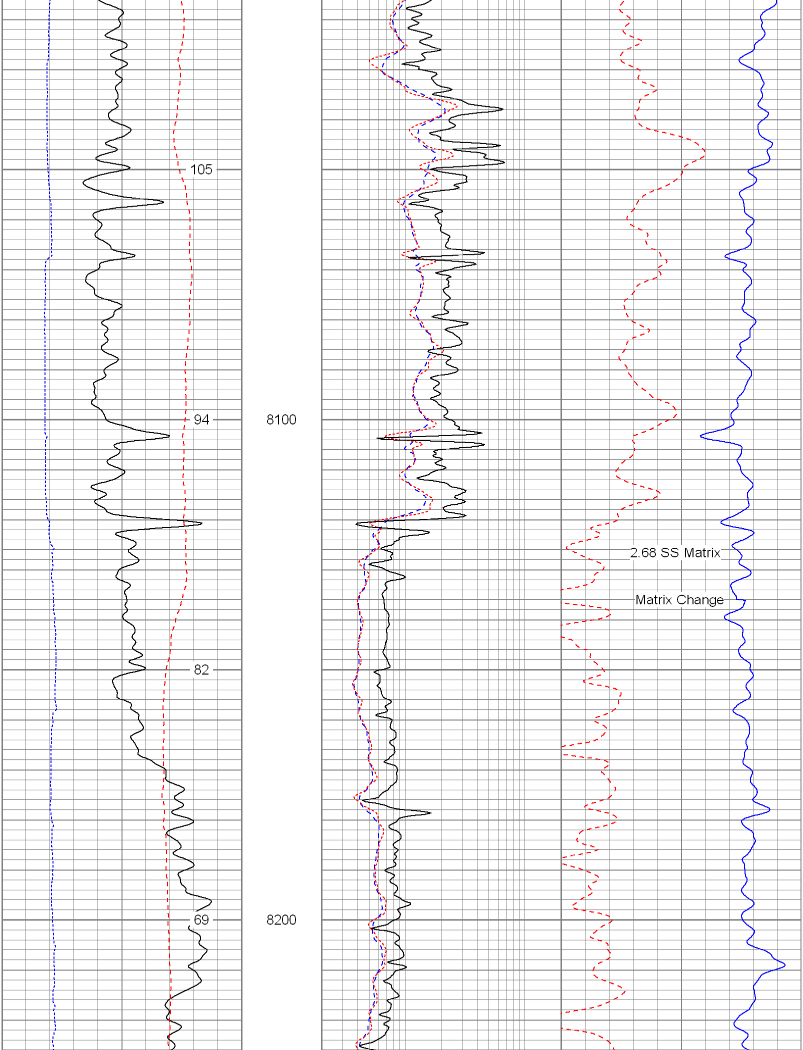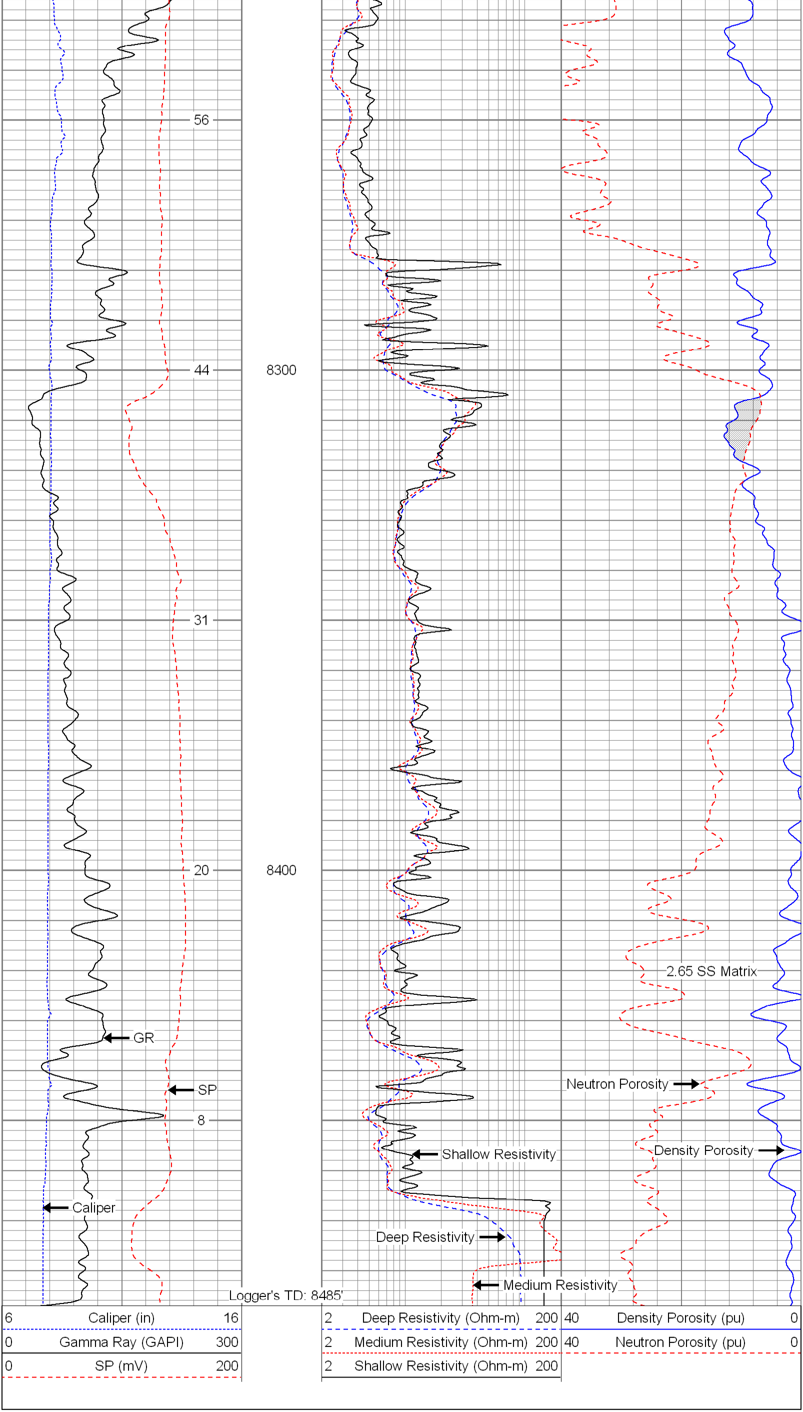
6 Caliper (in) 16
0 Gamma Ray (GAPI) 300
0 SP (mV) 200
2 Deep Resistivity (Ohm-m) 200
2 Medium Resistivity (Ohm-m) 200
2 Shallow Resistivity (Ohm-m) 200
40 Density Porosity (pu) 0
40 Neutron Porosity (pu) 0
247
235
7500
224