PHOENIX SURVEYS, INC.

COMPENSATED DENSITY
COMPENSATED NEUTRON
GAMMA RAY

Company
Well
Field
County
State/Prv

Company	EnCana Oil & Gas (USA) Inc.		
Well	Aristocrat Angus 7-2-10		
Field	Wattenberg		
County	Weld	State	Colorado

Location SHL: 1866' FNL & 264' FEL SE NE
BHL: 1300' FNL & 540' FEL NE NE
Sec - 10, Twp - 3N, Rge - 65W

Other Services
Dual
Induction

Permanent Datum	GL	Elevation	4779
Log Measured From	KB		
Drilling Measured From	KB		

Elevation
K.B. 4791
D.F. 4790
G.L. 4779

Date	August 20, 2005		
Run Number	1		
Depth Driller	7472		
Depth Logger	7494		
Bottom Logged Interval	7474		
Top Log Interval	4150		
Casing Driller	633		
Casing Logger	Not Logged		
Bit Size	7-7/8"		
Type Fluid in Hole	Chem-Gel		
Density / Viscosity	9.5 / 60		
pH / Fluid Loss	8.5 / 7.6		
Source of Sample	Flowline		
Rm @ Meas. Temp	4.04 @ 57° F		
Rmf @ Meas. Temp	3.03 @ 57° F		
Rmc @ Meas. Temp	5.05 @ 57° F		
Source of Rmf / Rmc	Meas / Calc		
Rm @ BHT	1.05 @ 219° F		
Time Circulation Stopped	1930		
Time Logger on Bottom	0245		
Maximum Recorded Temperature	219° F		
Equipment Number	4041		
Location	Brighton, CO		
Recorded By	Shaun Schuman	Maciej Staron	
Witnessed By	Andy Peterson		

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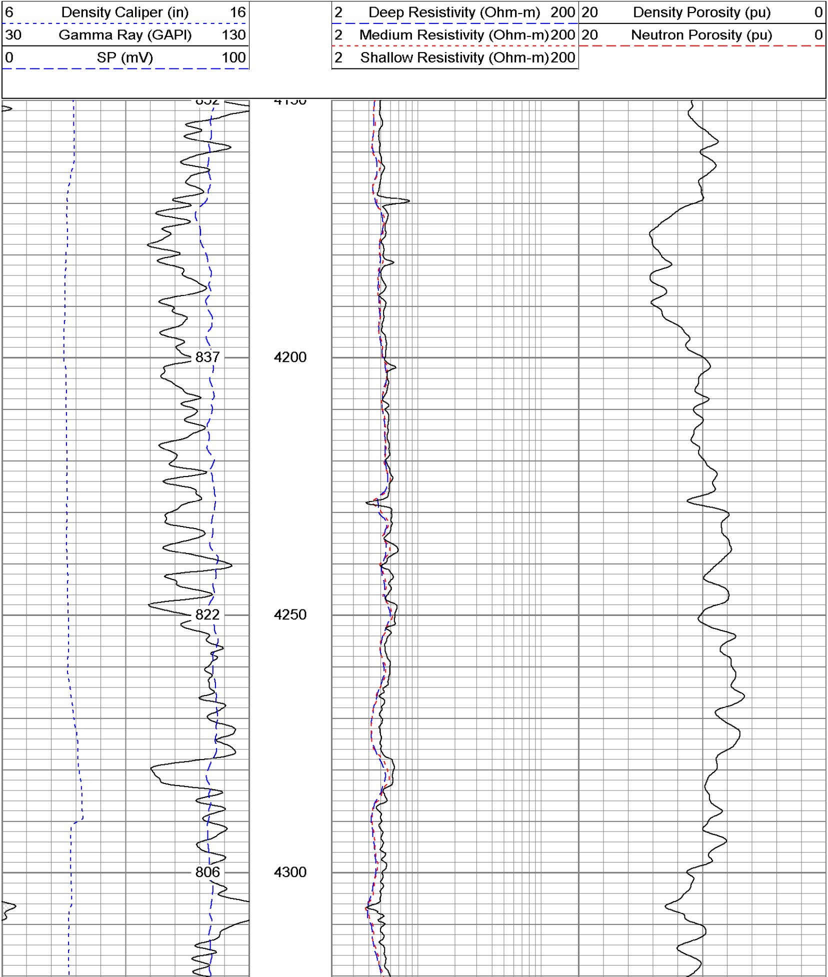
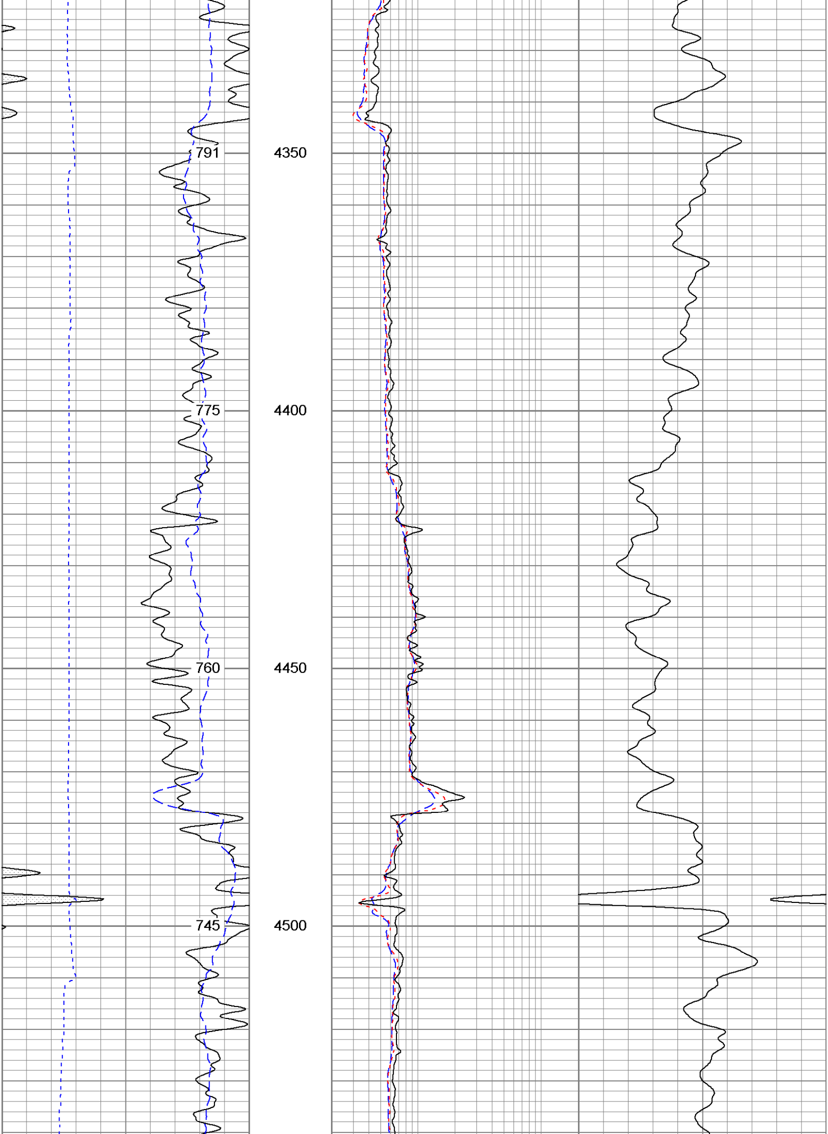
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

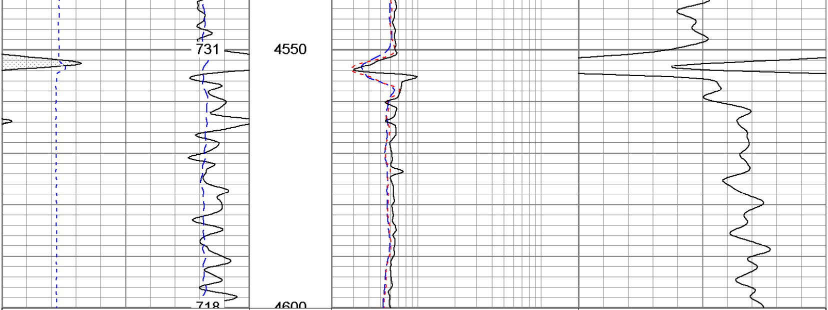
Comments

Annular volume is calculated for 4.5" casing.
Ensign Drilling Rig 17
Thank you for using Phoenix Surveys.
API # 05-123-23015-00

Database File: 5455.db
Dataset Pathname: main
Presentation Format: PDC1
Dataset Creation: Mon Aug 15 00:25:37 2005
Charted by: Depth in Feet scaled 1:240







6	Density Caliper (in)	16	2	Deep Resistivity (Ohm-m)	200	20	Density Porosity (pu)	0
30	Gamma Ray (GAPI)	130	2	Medium Resistivity (Ohm-m)	200	20	Neutron Porosity (pu)	0
0	SP (mV)	100	2	Shallow Resistivity (Ohm-m)	200			

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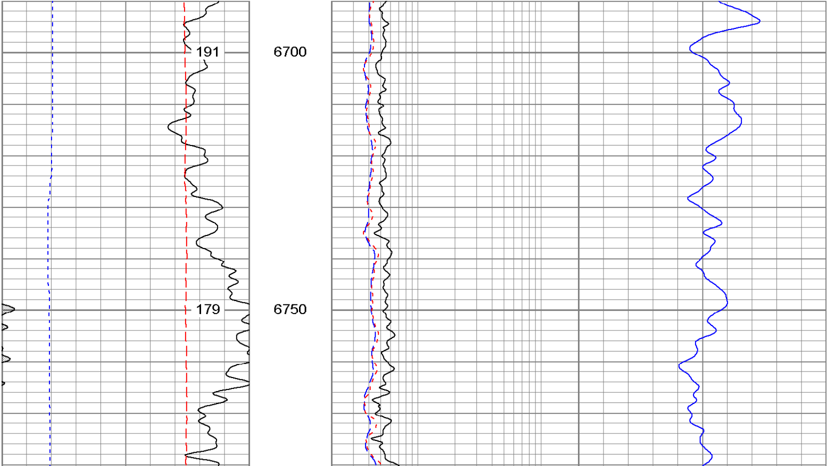
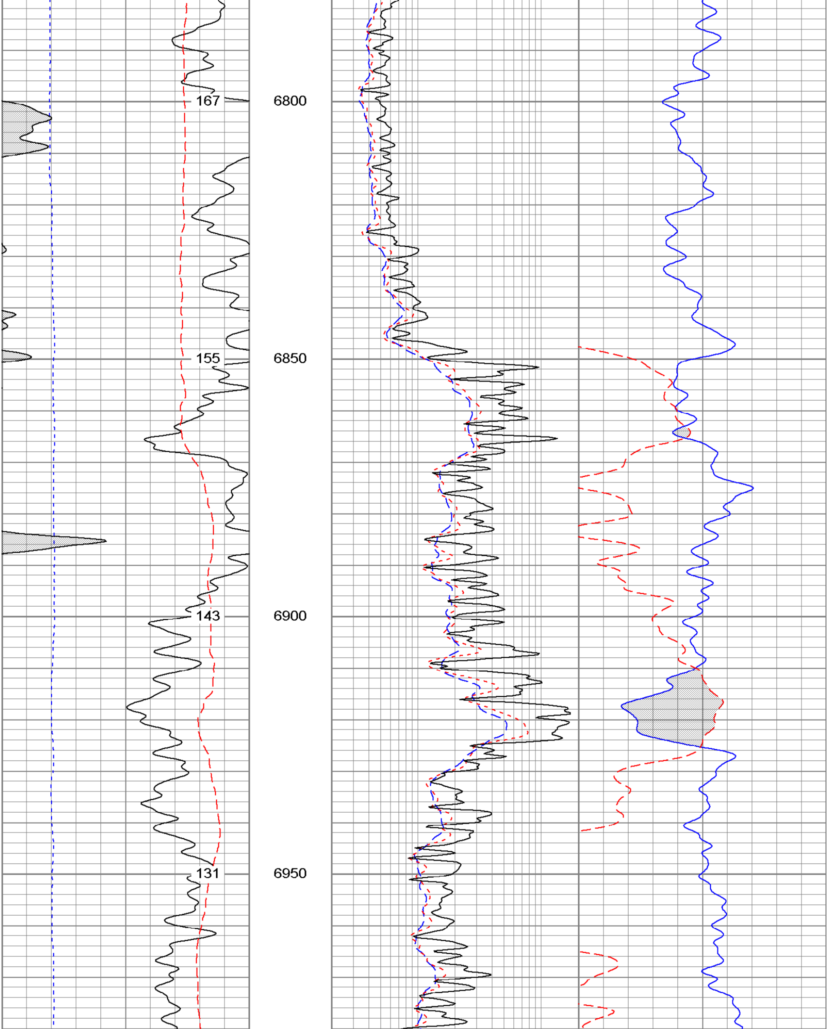
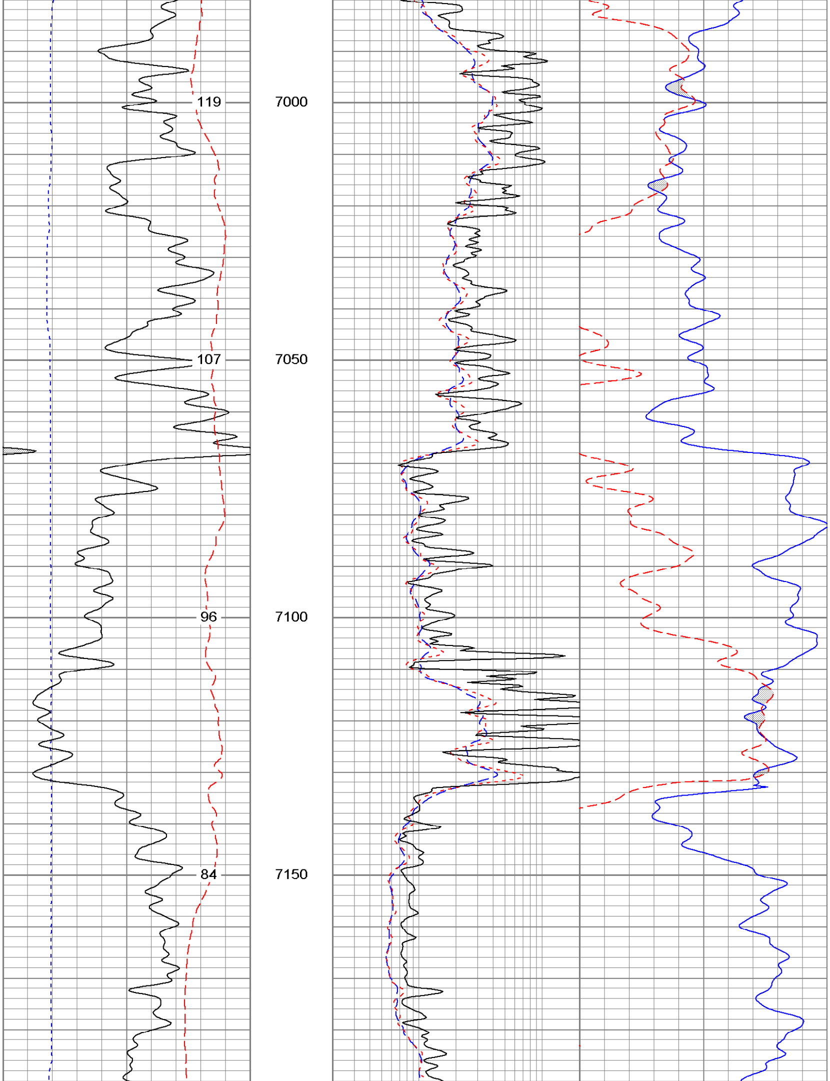
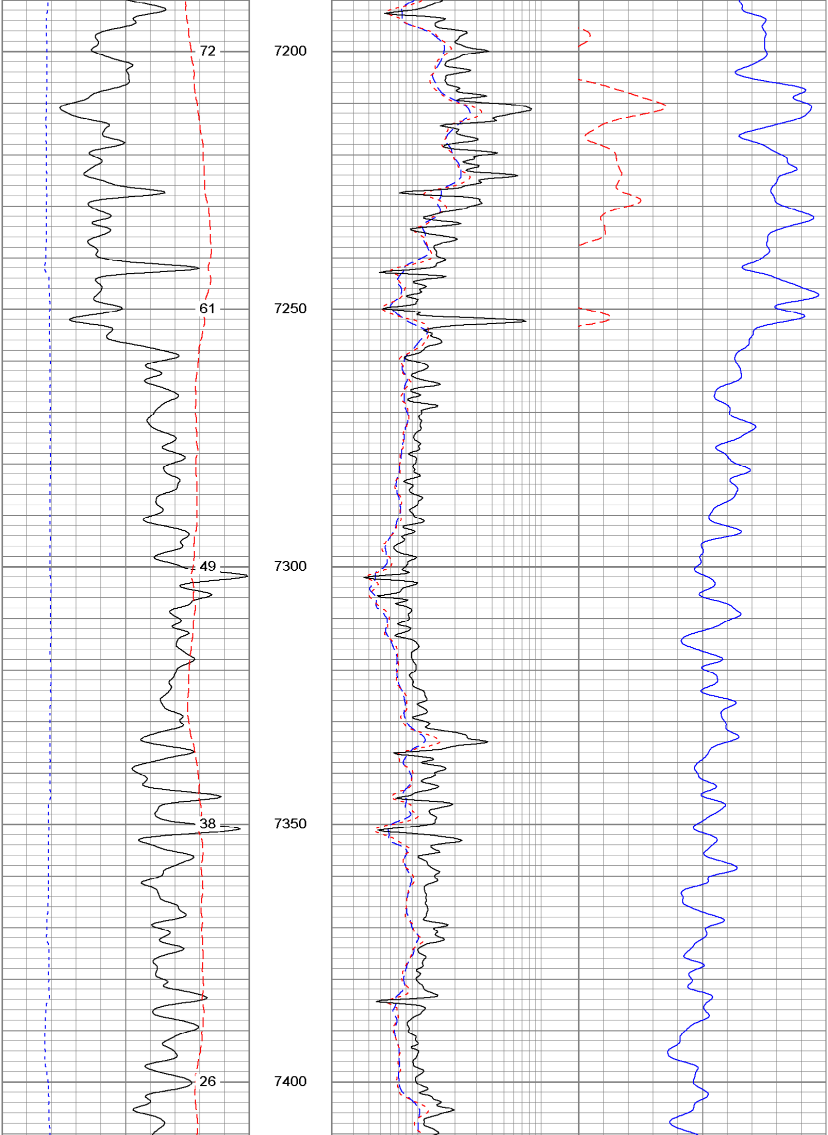
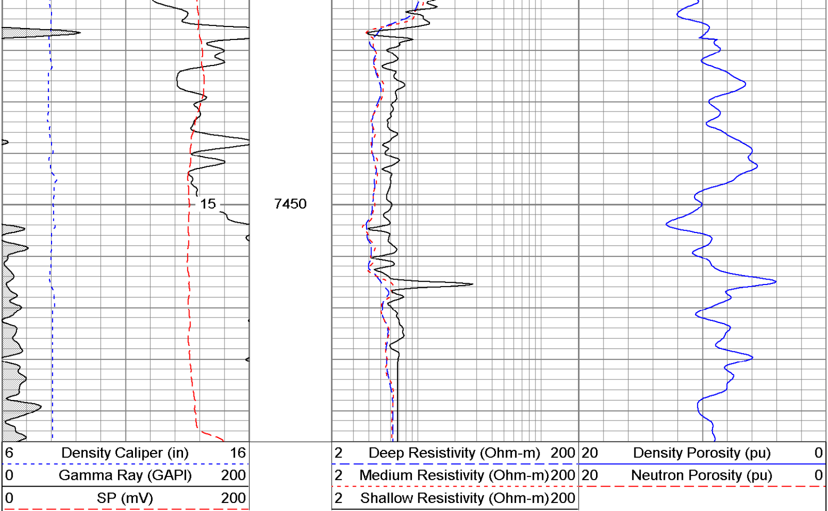
0	SP (mV)	200	2	Shallow Resistivity (Ohm-m)	200			










15
7450
6 Density Caliper (in) 16
0 Gamma Ray (GAPI) 200
0 SP (mV) 200
2 Deep Resistivity (Ohm-m) 200
2 Medium Resistivity (Ohm-m) 200
2 Shallow Resistivity (Ohm-m) 200
20 Density Porosity (pu) 0
20 Neutron Porosity (pu) 0