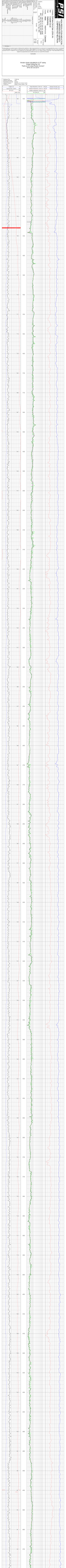

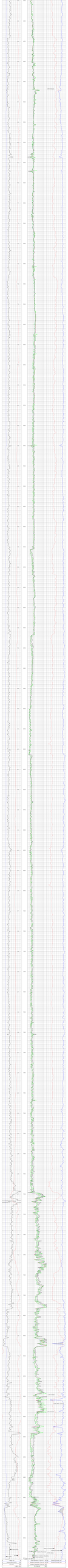

PSI
PHOENIX SURVEYS, INC.

HIGH RESOLUTION INDUCTION COMPENSATED DENSITY COMPENSATED NEUTRON

Company
Well
Field
County
State/Prv

Company	EnCana Oil & Gas (USA) Inc
Well	Cosslett 32-22
Field	Wattenberg
County	Weld
State/Province	Colorado
Location	SHL: 1496' FNL & 1253' FEL SENE BHL: 1830' FNL & 2130' FEL SWNE Sec. 22, Twp. 1N, Rge. 68W
Other Services	None

Permanent Datum	GL	Elevation	5185
Log Measured From	KB		
Drilling Measured From	KB		

Elevation
K.B. 5198
D.F. 5198
G.L. 5185

Date	November 16, 2011
Run Number	1
Depth Driller	8600
Depth Logger	8601
Bottom Logged Interval	8601
Top Log Interval	Casing
Casing Driller	1006
Casing Logger	1006
Bit Size	7-7/8"
Type Fluid in Hole	Chem Gel
Density / Viscosity	9.9 / 55
pH / Fluid Loss	7.0 / 9.5
Source of Sample	Flowline
Rm @ Meas. Temp	2.80 @ 70 F
Rmf @ Meas. Temp	2.00 @ 70 F
Rmc @ Meas. Temp	3.50 @ 70 F
Source of Rmf / Rmc	Measure / Calc
Rm @ BHT	0.86 @ 228 F
Time Circulation Stopped	0500
Time Logger on Bottom	1445
Maximum Recorded Temperature	228 F
Equipment Number	50
Location	Brighton, CO
Recorded By	Elrod
Witnessed By	Schuman

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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 4-1/2" casing
Ensign Drilling Rig 135
Thank you for using Phoenix Surveys!!
API #: 05-123-32731

Database File:	12046.db
Dataset Pathname:	main
Presentation Format:	encana
Dataset Creation:	Wed Nov 16 16:44:27 2011
Charted by:	Depth in Feet scaled 1:240

6 Caliper (in) 16
0 Gamma Ray (GAPI) 300
0 SP (mV) 200
ABHV (ft3)
2 Deep Resistivity (Ohm-m) 200
2 Medium Resistivity (Ohm-m) 200
2 Shallow Resistivity (Ohm-m) 200
2 Rt (Ohm-m) 200
40 Density Porosity (pu) 0
40 Neutron Porosity (pu) 0
1000
1050
1100
1150
1200

2.68 SS Matrix
2.68 SS Matrix
8218' Matrix Change
2.65 SS Matrix
Neutron Porosity
Density Porosity
2.65 SS Matrix
Gamma Ray
Caliper
SP
Rt
Shallow Resistivity
Medium Induction Resistivity
Deep Resistivity
Logger's TD: 8601'
6 Caliper (in) 16
0 Gamma Ray (GAPI) 300
0 SP (mV) 200
ABHV (ft3)
2 Deep Resistivity (Ohm-m) 200
2 Medium Resistivity (Ohm-m) 200
2 Shallow Resistivity (Ohm-m) 200
2 Rt (Ohm-m) 200
40 Density Porosity (pu) 0
40 Neutron Porosity (pu) 0