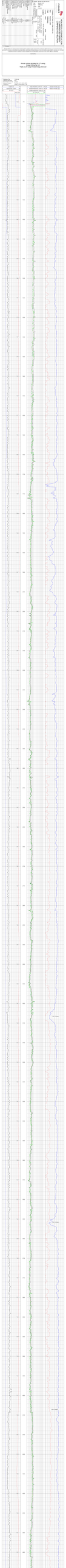

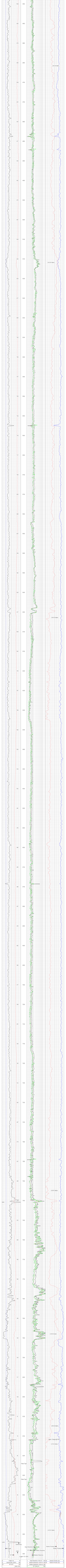

PIONEER

Pioneer Energy Services

HIGH RESOLUTION INDUCTION COMPENSATED DENSITY COMPENSATED NEUTRON

Company	EnCana Oil & Gas (USA) Inc.
Well	Bearden 2-8-6
Field	Wattenberg
County	Weld
State	Colorado

Company EnCana Oil & Gas (USA) Inc.

Well Bearden 2-8-6

Field Wattenberg

County Weld State Colorado

Location: API # : 05123349430000

SHL: 1371' FSL & 1542' FWL NESW
BHL: 50' FSL & 1200' FWL SWSW
SEC 6 TWP 1N RGE 68W

Other Services
None

Permanent Datum	GL	Elevation 4978	Elevation K.B. 4991 D.F. 4991 G.L. 4978
Log Measured From	KB		
Drilling Measured From	KB		

Date	February 14, 2013		
Run Number	1		
Depth Driller	8460		
Depth Logger	8459		
Bottom Logged Interval	8459		
Top Log Interval	Casing		
Casing Driller	755		
Casing Logger	755		
Bit Size	7+7/8"		
Type Fluid in Hole	Chem Gel		
Density / Viscosity	9.6 / 51		
pH / Fluid Loss	8.0 / 10.0		
Source of Sample	Flowline		
Rm @ Meas. Temp	3.80 @ 62 F		
Rmf @ Meas. Temp	2.85 @ 62 F		
Rmc @ Meas. Temp	4.75 @ 62 F		
Source of Rmf / Rmc	Measure / Calc		
Rm @ BHT	1.09 @ 216 F		
Time Circulation Stopped	0130		
Time Logger on Bottom	0850		
Maximum Recorded Temperature	216 F		
Equipment Number	49		
Location	Brighton, CO		
Recorded By	Clint Christensen		
Witnessed By	Roy Hunt		

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All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not 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.

Comments

Annular volume calculated for 4.5" casing
Ensign Drilling Rig 122
Thank you for using Pioneer Energy Services!

Database File:	13284.db
Dataset Pathname:	final
Presentation Format:	encana
Dataset Creation:	Thu Feb 14 12:49:22 2013
Charted by:	Depth in Feet scaled 1:240

6 Caliper (in) 16
0 Gamma Ray (GAPI) 300
20 SP (mV) 220
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
2.68 SS Matrix
2.68 SS Matrix
2.68 SS Matrix
2.68 SS Matrix

4500
4550
4600
4650
2.68 SS Matrix
4700
4750
4800
4850
4900
4950
5000
5050
5100
5150
2.68 SS Matrix
5200
5250
5300
5350
5400
5450
5500
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5600
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5700
5750
5800
5850
5900
2.68 SS Matrix
5950
6000
6050
6100
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6900
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7000
7050
7100
7150
7200
7250
7300
7350
7400
7450
7500
7550
2.68 SS Matrix
7600
7650
7700
7750
7800
7850
7900
7950
2.68 SS Matrix
8000
8050
8100
8150
2.68 SS Matrix
Matrix Change @ 8192'
2.65 SS Matrix
8200
--Pulled Tight--
8250
--Pulled Tight--
8300
8350
2.65 SS Matrix
8400
Gamma Ray
Deep Resistivity
Neutron Porosity
Caliper
Density Porosity
ABHV
RT
Shallow Resistivity
2
8450
SP
Medium Resistivity
Logger's TD: 8459'
6 Caliper (in) 16
0 Gamma Ray (GAPI) 300
20 SP (mV) 220
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