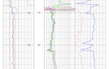

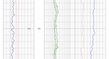

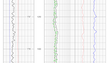

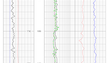

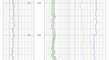

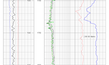

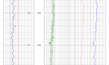

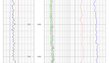

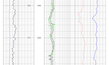

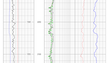

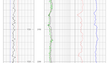

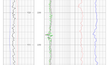

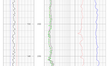

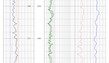

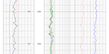

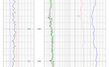

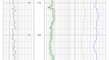

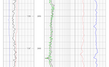

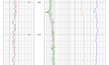

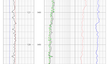

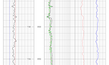

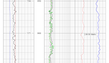

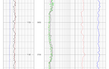

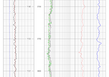

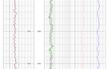

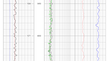

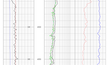

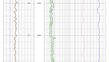

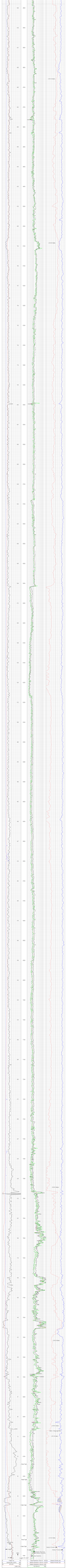

HIGH RESOLUTION INDUCTION
COMPENSATED DENSITY
COMPENSATED NEUTRON

PIONEER
Pioneer Energy Services

Company	EnCana Oil & Gas (USA) Inc
Well	Bearden 2-4-6
Field	Wattenberg
County	Weld
State	Colorado

Company EnCana Oil & Gas (USA) Inc
Well Bearden 2-4-6
Field Wattenberg
County Weld State Colorado

Location: API # : 05123349420000
SHL: 1418' FSL & 1579' FWL SESW
BHL: 2595' FSL & 1200' FWL NWSW
SEC 6 TWP 1N RGE 68W

Other Services
None

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

Date	February 25, 2013		
Run Number	1		
Depth Driller	8414		
Depth Logger	8407		
Bottom Logged Interval	8407		
Top Log Interval	Casing		
Casing Driller	742		
Casing Logger	742		
Bit Size	7-7/8"		
Type Fluid in Hole	Chem Gel		
Density / Viscosity	9.5 / 58		
pH / Fluid Loss	8.5 / 11.2		
Source of Sample	Flowline		
Rm @ Meas. Temp	3.89 @ 60 F		
Rmf @ Meas. Temp	2.92 @ 60 F		
Rmc @ Meas. Temp	4.86 @ 60 F		
Source of Rmf / Rmc	Measure / Calc		
Rm @ BHT	1.08 @ 216 F		
Time Circulation Stopped	0200		
Time Logger on Bottom	0945		
Maximum Recorded Temperature	216 F		
Equipment Number	50		
Location	Brighton, CO		
Recorded By	Clint Christensen		
Witnessed By	Roy Hunt		

<<< Fold Here >>>

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 4-1/2" casing
Ensign Drilling Rig 122
Thank you for using Pioneer Energy Services.
No Repeat Due to Hole Conditions.

Database File:	13197.db
Dataset Pathname:	final
Presentation Format:	encana
Dataset Creation:	Mon Feb 25 12:28:28 2013
Charted by:	Depth in Feet scaled 1:240

6	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
50	SP (mV)	250	2	Shallow Resistivity (Ohm-m)	200			
	ABHV (ft3)		2	Rt (Ohm-m)	200			

946
4500
934
4550
921
4600
908
4650
895
4700
882
4750
869
4800
856
4850
843
4900
830
4950
818
5000
805
5050
792
5100
780
5150
767
5200
754
5250
742
5300
730
5350
718
5400
705
5450
693
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681
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669
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6000
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6100
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500
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476
6400
464
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452
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439
6550
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7000
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97
8000
85
8050
73
8100
62
8150
50
8200
38
8250
26
8300
14
8350
2
8400
2.68 SS Matrix
2.68 SS Matrix
2.68 SS Matrix
2.68 SS Matrix
2.68 SS Matrix
Matrix Change @ 8080'
2.65 SS Matrix
--Pulled Tight---
--Pulled Tight---
--Pulled Tight---
2.65 SS Matrix
--Pulled Tight---
--Pulled Tight---
Gamma Ray
Caliper
ABHV
SP
Logger's TD: 8407'
Rt
Shallow Resistivity
Medium Resistivity
Deep Resistivity
Neutron Porosity
Density Porosity
6 Caliper (in) 16
0 Gamma Ray (GAPI) 300
50 SP (mV) 250
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