PHOENIX SURVEYS, INC.

HIGH RESOLUTION INDUCTION
COMPENSATED DENSITY
COMPENSATED NEUTRON

Company
Well
Field
County
State/Prv

Company EnCana Oil & Gas (USA) Inc
Well Kennedy 8-4-21
Field Wattenberg
County Weld **State/Province** Colorado

Location SHL: 1595' FNL & 937' FEL SE NE
BHL: 2690' FNL & 50' FEL SE NE
Sec. 21, Twp. 2N, Rge. 68W

Other Services
None

Permanent Datum GL Elevation 4891
Log Measured From KB
Drilling Measured From KB

Elevation
K.B. 4904
D.F. 4904
G.L. 4891

Date	January 6, 2012		
Run Number	1		
Depth Driller	8253		
Depth Logger	8245		
Bottom Logged Interval	8245		
Top Log Interval	Casing		
Casing Driller	665		
Casing Logger	665		
Bit Size	7-7/8"		
Type Fluid in Hole	Chem Gel		
Density / Viscosity	9.5 / 53		
pH / Fluid Loss	8.0 / 12.0		
Source of Sample	Flowline		
Rm @ Meas. Temp	1.85 @ 90 F		
Rmf @ Meas. Temp	1.29 @ 90 F		
Rmc @ Meas. Temp	2.40 @ 90 F		
Source of Rmf / Rmc	Measure / Calc		
Rm @ BHT	0.73 @ 227 F		
Time Circulation Stopped	0000		
Time Logger on Bottom	0700		
Maximum Recorded Temperature	227 F		
Equipment Number	50		
Location	Brighton, CO		
Recorded By	Randy Conley		
Witnessed By	Roy Hunt		

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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

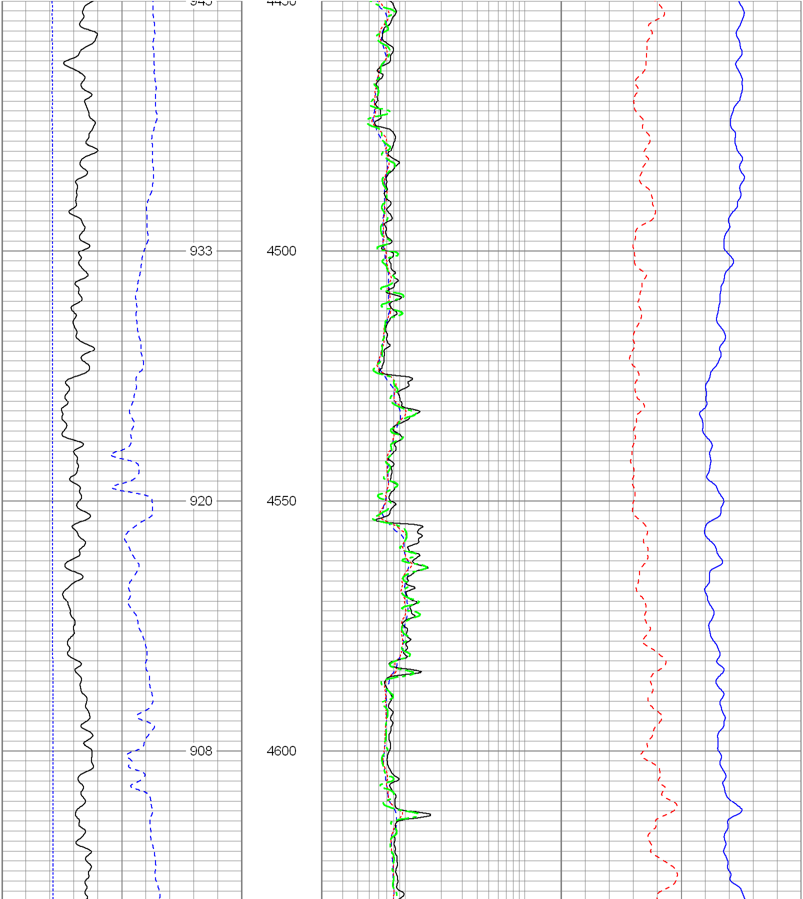
Annular volume calculated for 4-1/2" casing
Ensign Drilling Rig 122
Thank you for using Phoenix Surveys!!
API #: 05-123-31974-00

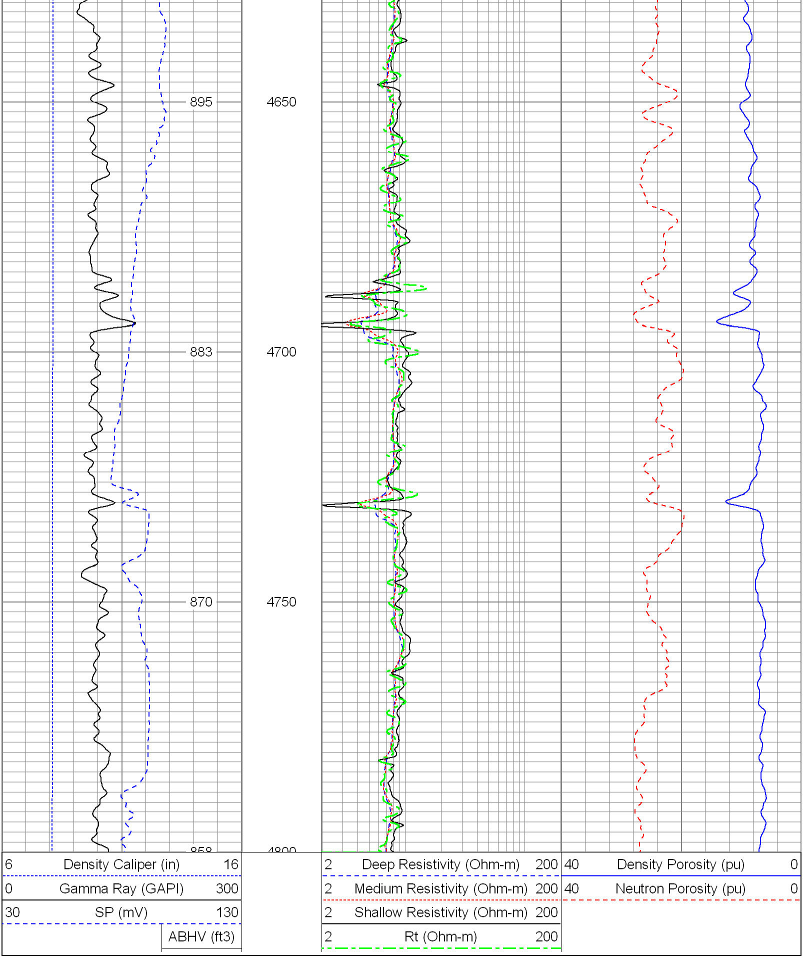
Database File: 12527.db
Dataset Pathname: final
Presentation Format: encana1
Dataset Creation: Fri Jan 06 07:52:53 2012
Charted by: Depth in Feet scaled 1:240

6 Density Caliper (in) 16
0 Gamma Ray (GAPI) 300
30 SP (mV) 130
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





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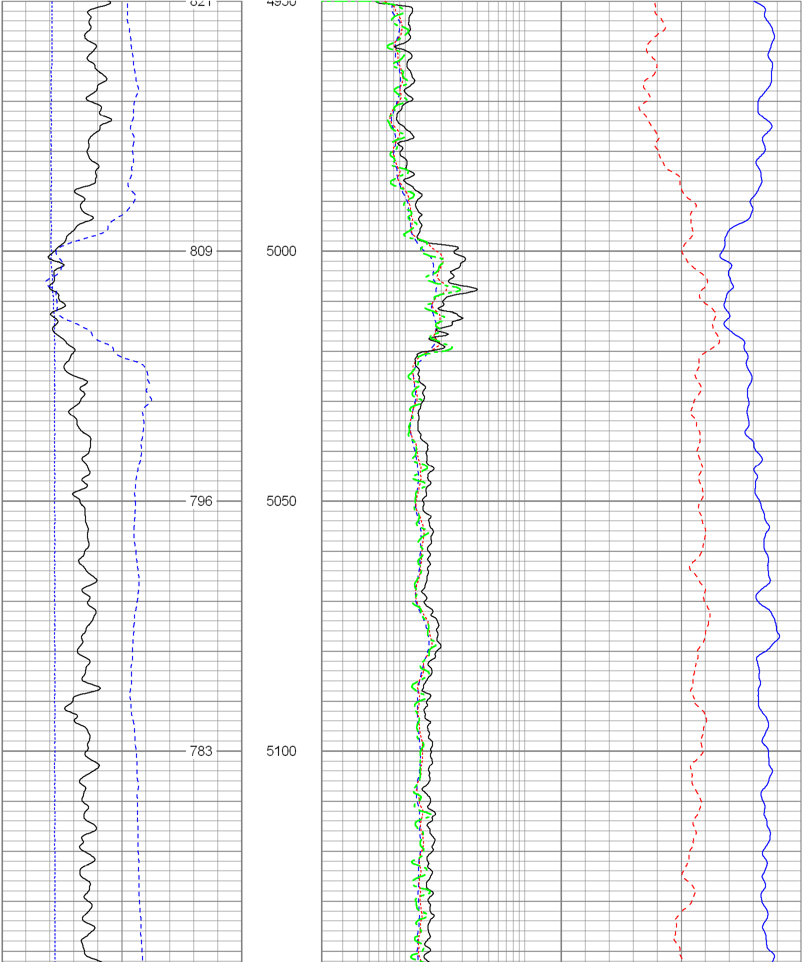
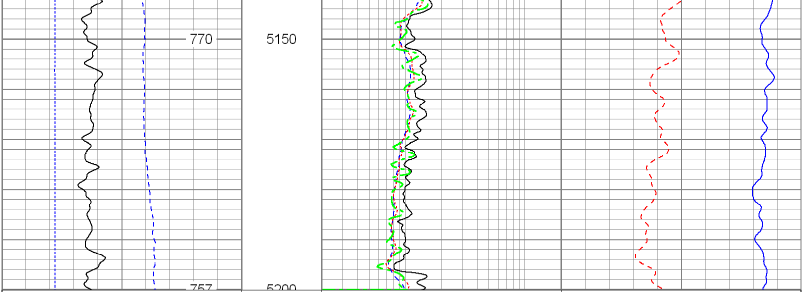
Charted by:	Depth in Feet scaled 1:240

Track 1			Track 3			Track 4		
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
30	SP (mV)	130	2	Shallow Resistivity (Ohm-m)	200			
	ABHV (ft3)		2	Rt (Ohm-m)	200			





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0	Gamma Ray (GAPI)	300	2	Medium Resistivity (Ohm-m)	200	40	Neutron Porosity (pu)	0
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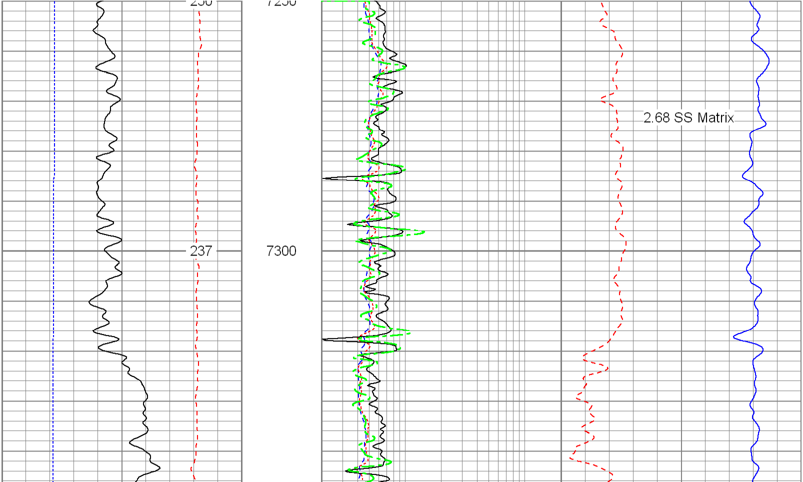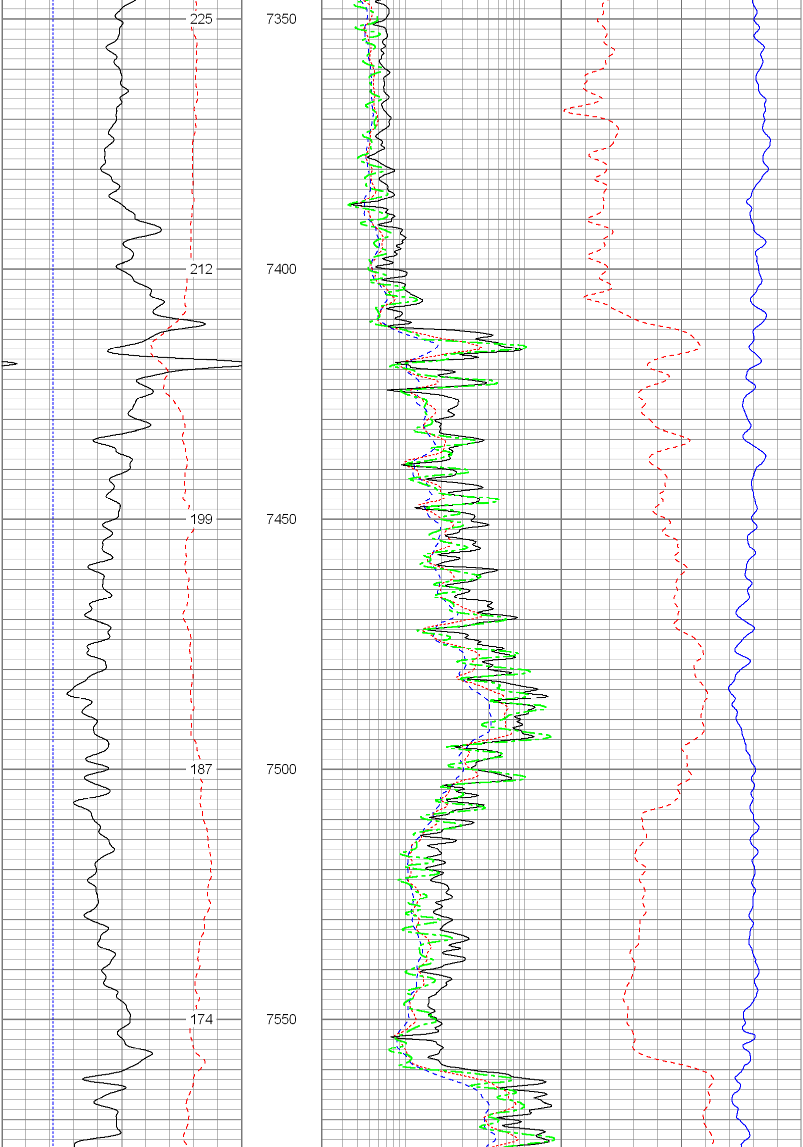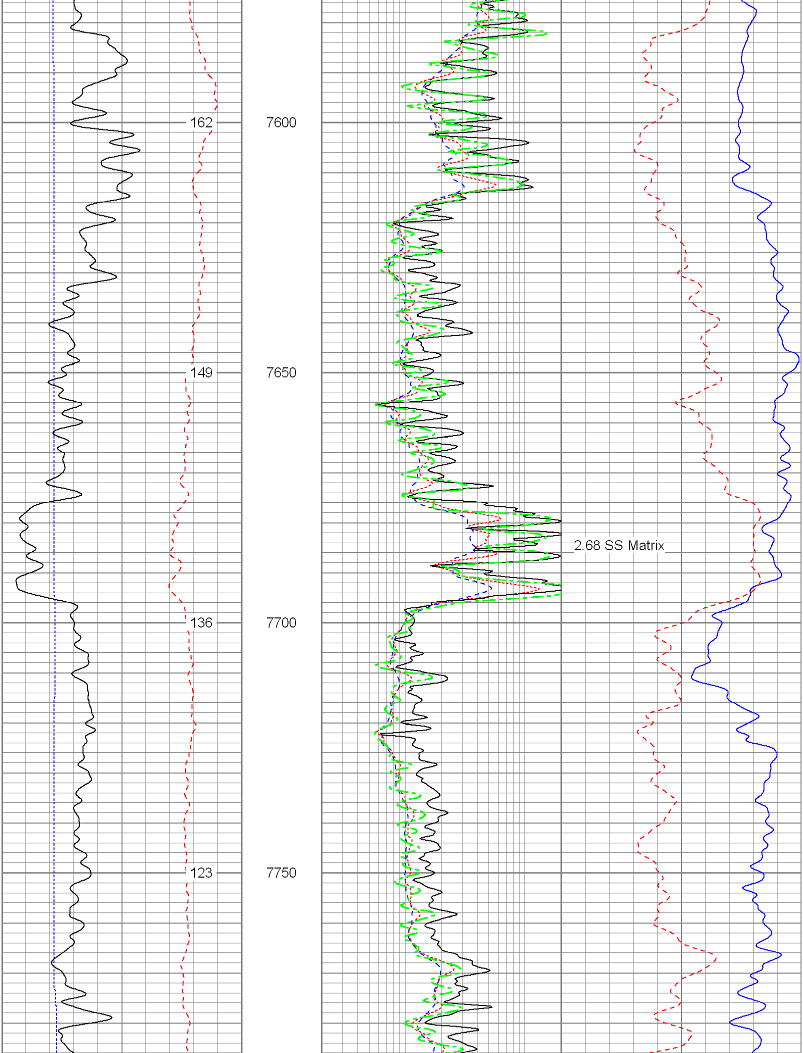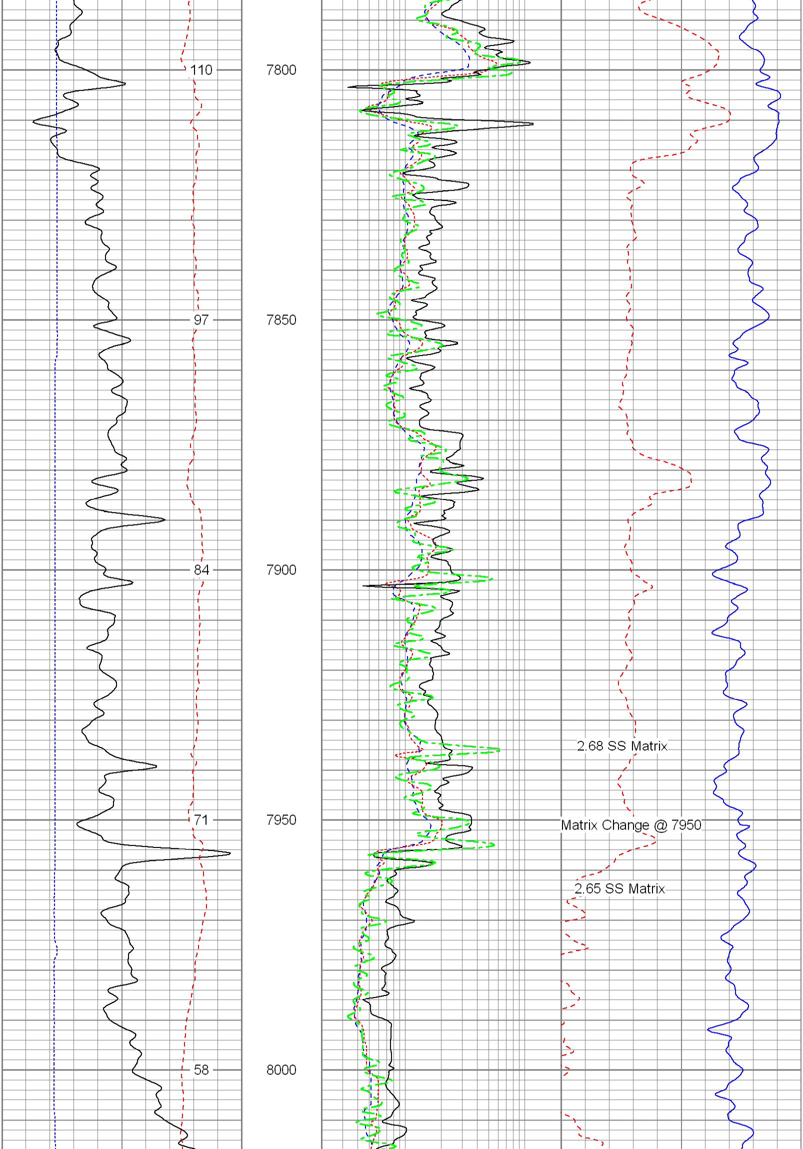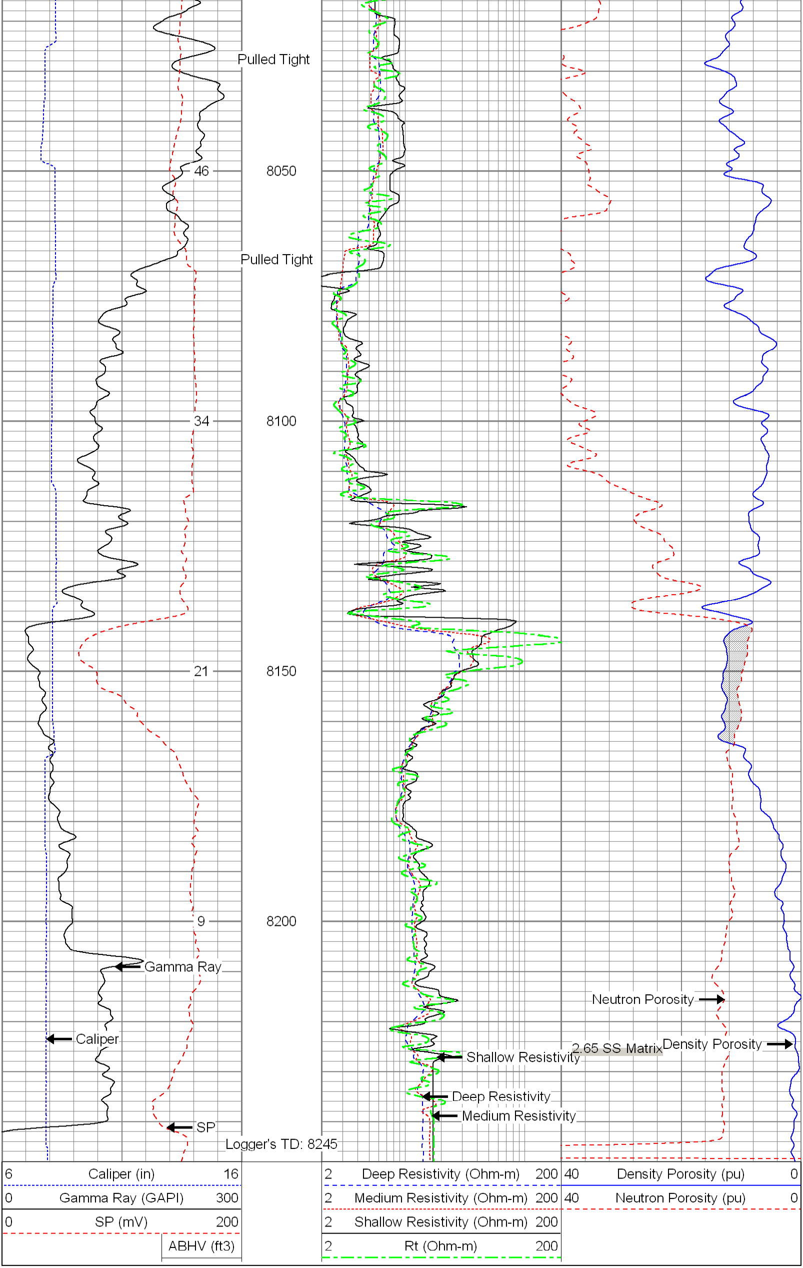6	Caliper (in)	16	2	Deep Resistivity (Ohm-m)	200	40	Density Porosity (pu)	0
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