PHOENIX SURVEYS, INC.

COMPENSATED DENSITY
COMPENSATED NEUTRON
GAMMA RAY

Company
Well
Field
County
State

Company **EnCana Energy Resources Inc.**
Well **Oskarson 23-33**
Field **Wattenberg**
County **Weld** State **Colorado**

Location
2153' FSL & 2043' FWL
NE SW
Sec- 33, Twp-2N, Rge- 68W

Other Services
Induction

Permanent Datum	GL	Elevation	5025
Log Measured From	KB		
Drilling Measured From	KB		

Elevation
K.B. 5041
D.F. 5040
G.L. 5025

Date	February 20, 2005		
Run Number	1		
Depth Driller	8300		
Depth Logger	8297		
Bottom Logged Interval	8277		
Top Log Interval	3000		
Casing Driller	815		
Casing Logger	Not Logged		
Bit Size	7 7/8"		
Type Fluid in Hole	Polymer Gel		
Density / Viscosity	9.5 / 65		
pH / Fluid Loss	8.0 / 7.6		
Source of Sample	Mud pit		
Rm @ Meas. Temp	3.73 @ 62°F		
Rmf @ Meas. Temp	2.89 @ 62°F		
Rmc @ Meas. Temp	4.93 @ 62°F		
Source of Rmf / Rmc	Measure / Calc		
Rm @ BHT	1.02 @ 217 °F		
Time Circulation Stopped	0200		
Time Logger on Bottom	1015		
Maximum Recorded Temperature	217 degF		
Equipment Number	4078		
Location	Brighton, CO		
Recorded By	Ian Harris		
Witnessed By	Ed Pilcher		

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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 4.5" casing
Caza Rig 55
Thank you for using Phoenix Surveys!!
API #: 05-123-22675-00

Database File:	5001.db
Dataset Pathname:	pass3
Presentation Format:	PDC
Dataset Creation:	Sun Feb 20 09:12:06 2005 by Log 6.2_B4
Charted by:	Depth in Feet scaled 1:240

6 Caliper (in) 16

0 Gamma Ray (GAPI) 200

0 SP (mV) 200

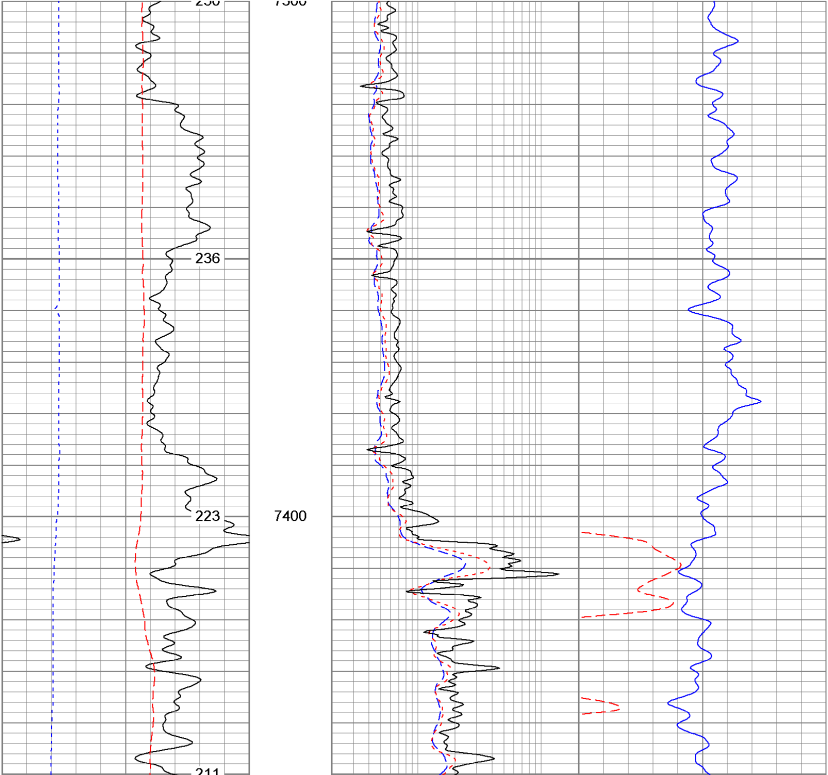
2 Deep Resistivity (Ohm-m) 200

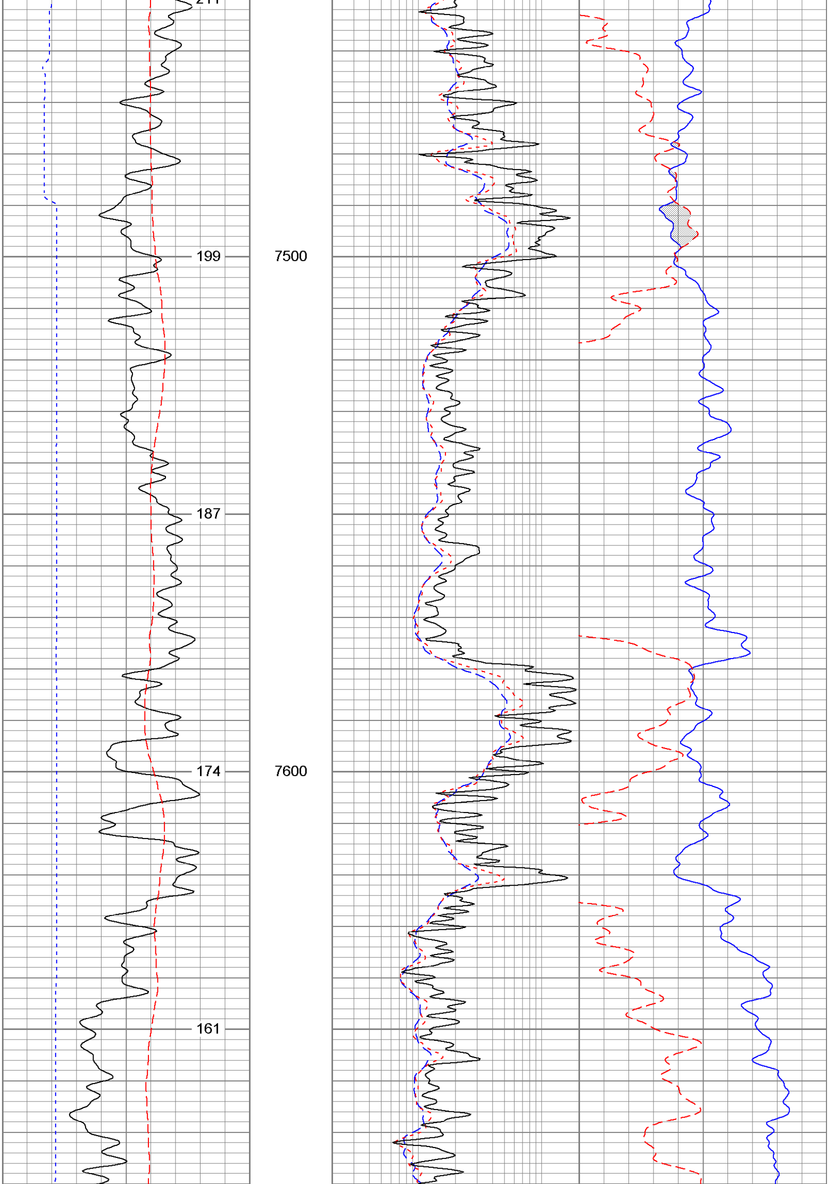
2 Medium Resistivity (Ohm-m) 200

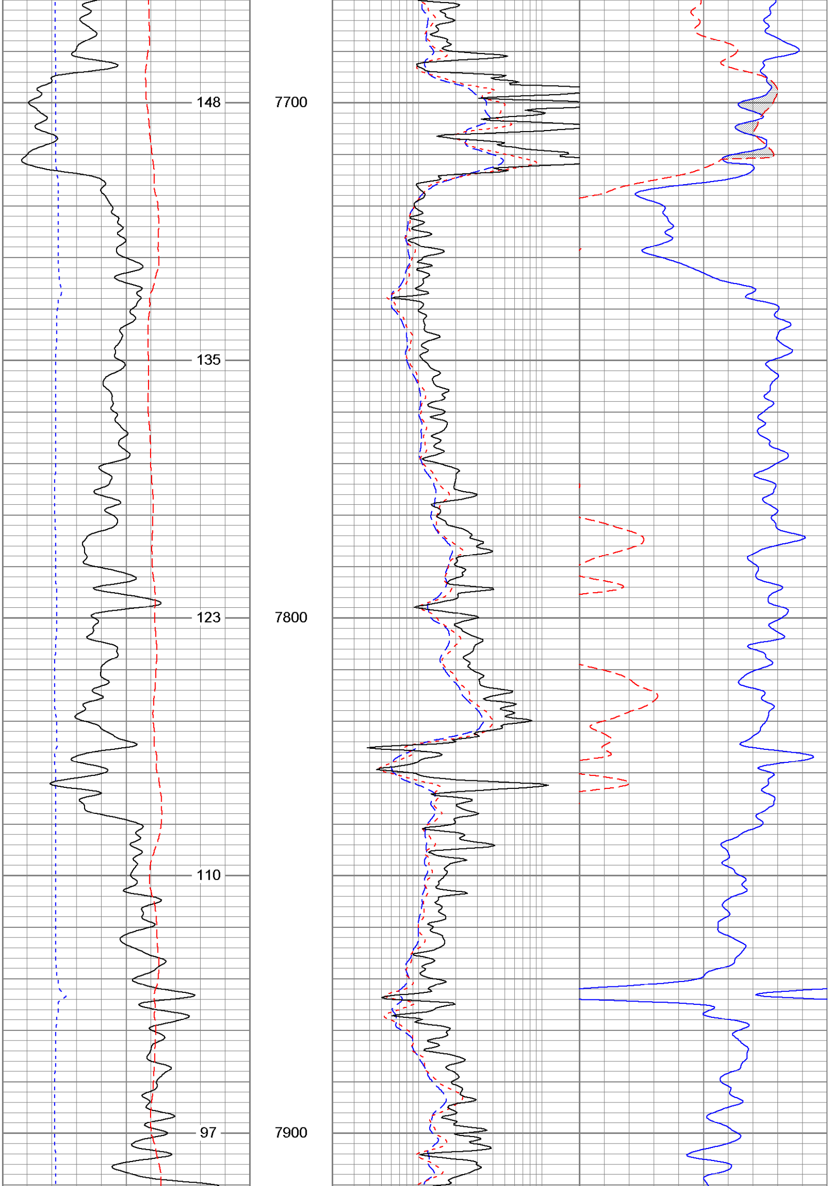
2 Shallow Resistivity (Ohm-m) 200

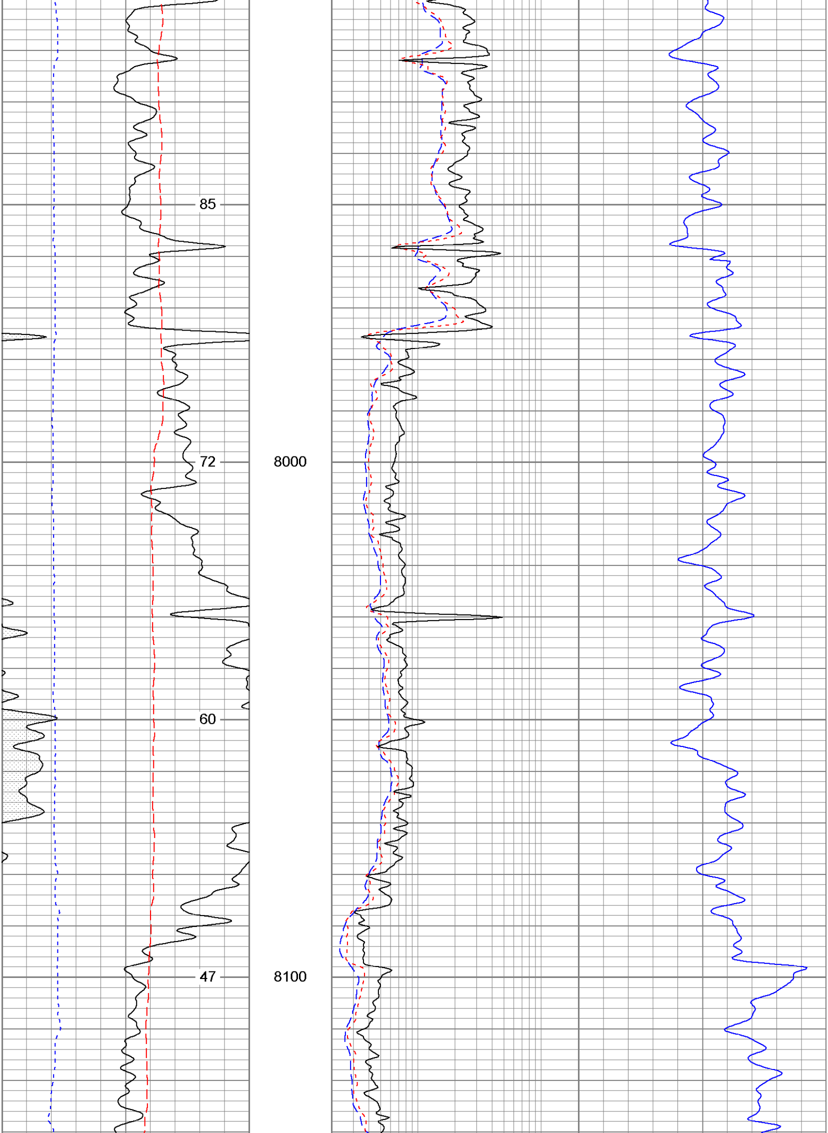
20 Density Porosity (pu) 0

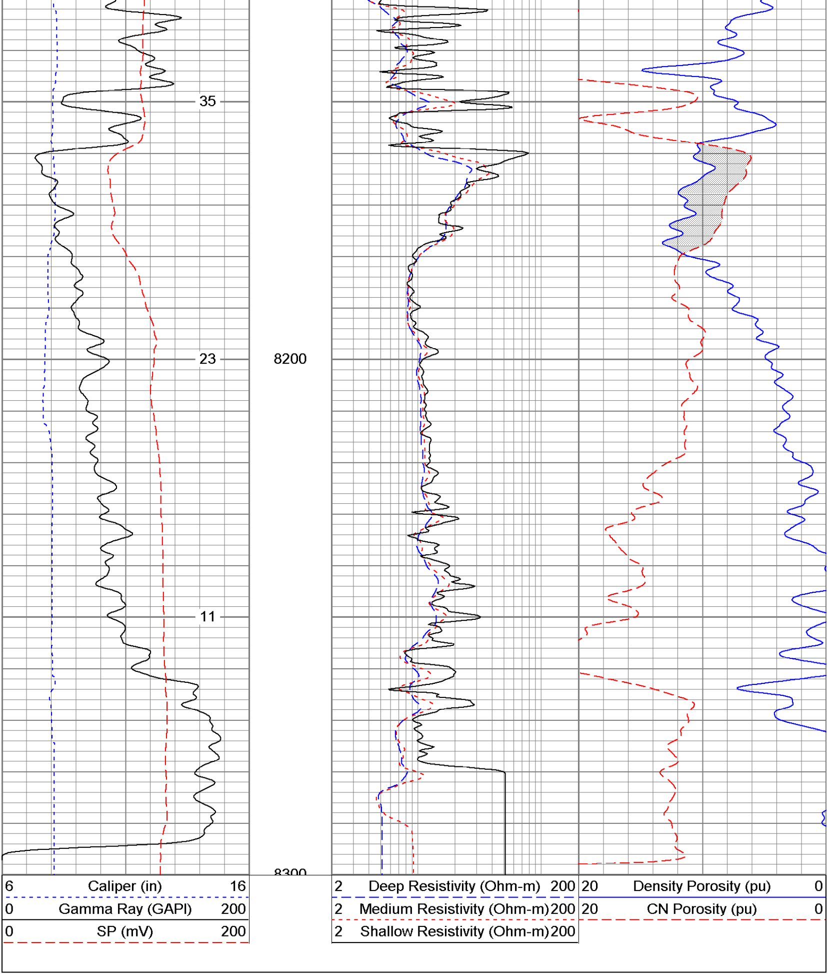
20 CN Porosity (pu) 0





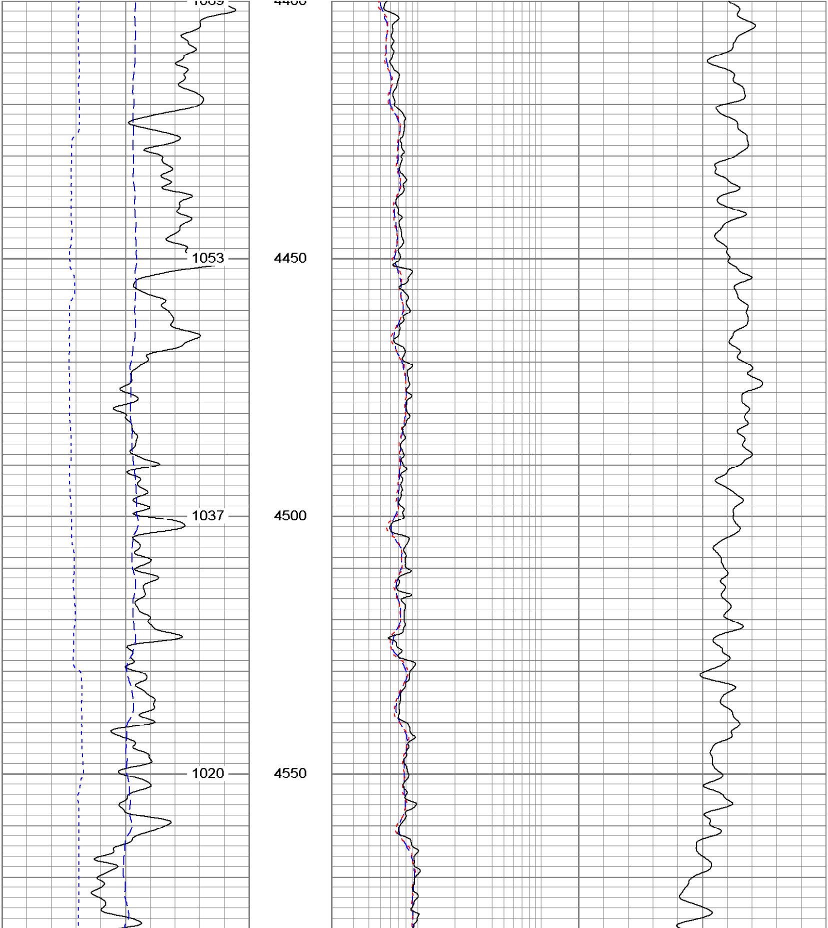


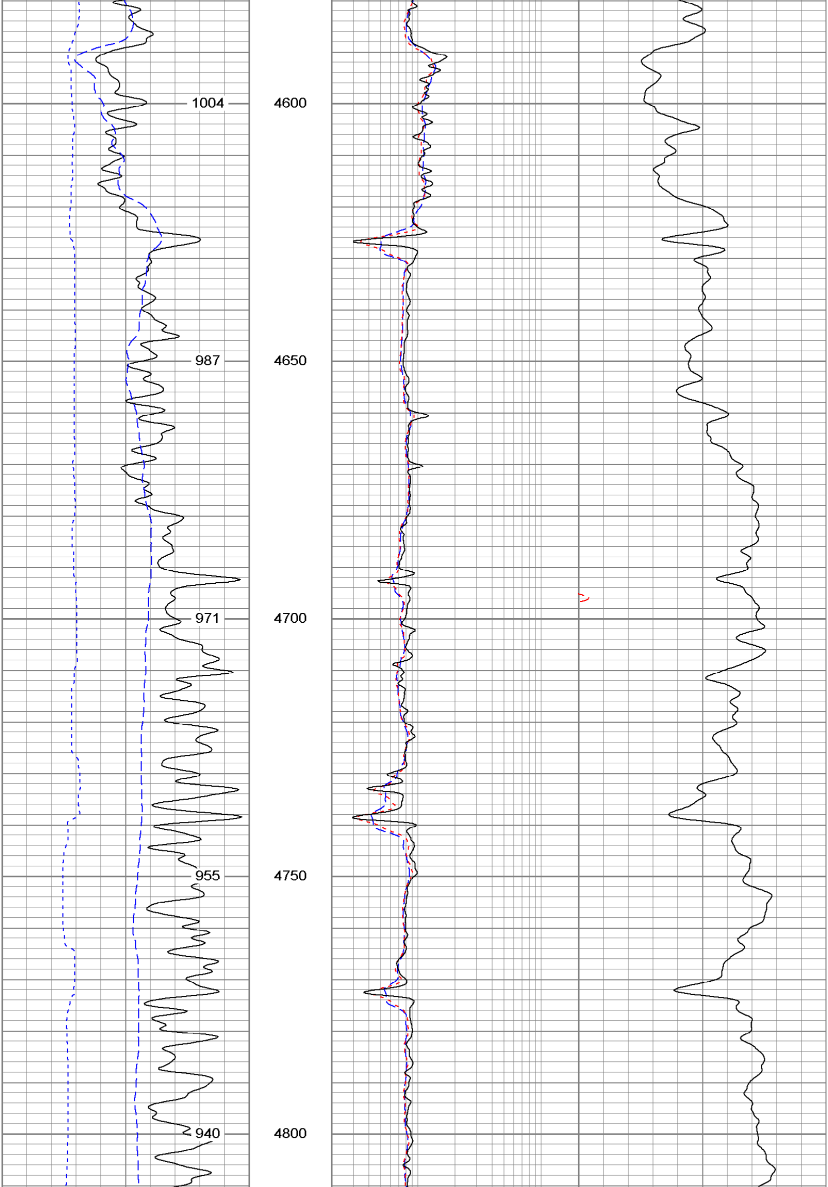


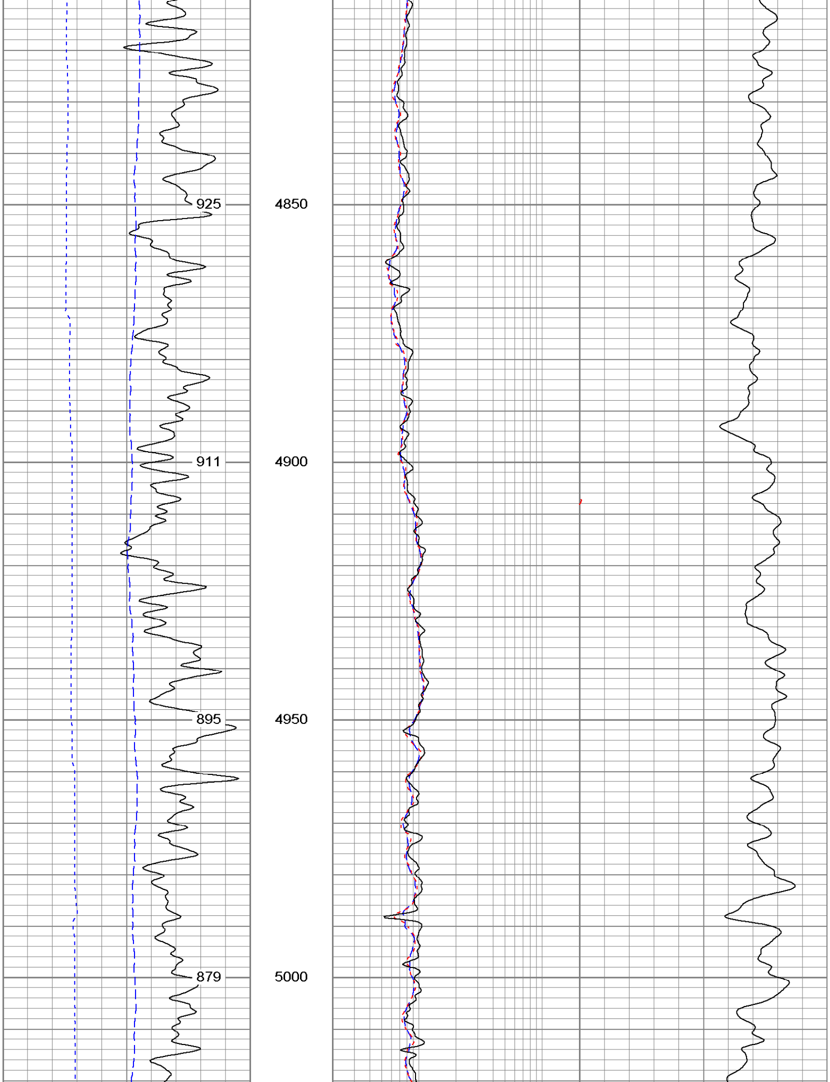


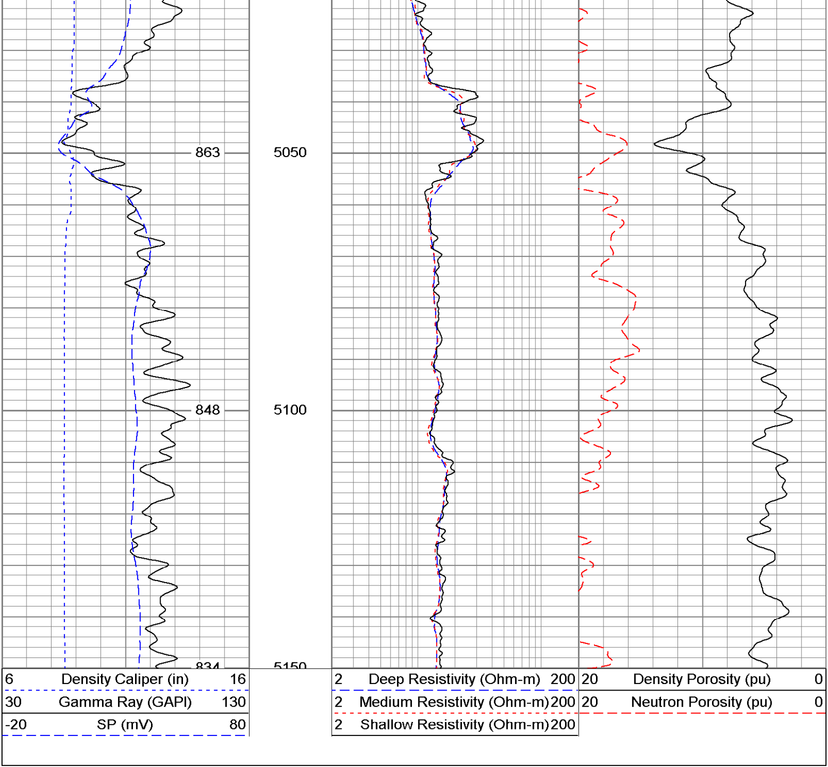
Database File: 5001.db
Dataset Pathname: pass3
Presentation Format: PDC1
Dataset Creation: Sun Feb 20 09:12:06 2005 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240

Track 1			Track 3			Track 4		
6	Density Caliper (in)	16	2	Deep Resistivity (Ohm-m)	200	20	Density Porosity (pu)	0
30	Gamma Ray (GAPI)	130	2	Medium Resistivity (Ohm-m)	200	20	Neutron Porosity (pu)	0
-20	SP (mV)	80	2	Shallow Resistivity (Ohm-m)	200			








863
5050
848
5100
834
5150
6 Density Caliper (in) 16
30 Gamma Ray (GAPI) 130
-20 SP (mV) 80
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