PHOENIX SURVEYS, INC.

COMPENSATED DENSITY
COMPENSATED NEUTRON
DUAL INDUCTION

Company
Well
Field
County
State

Company **EnCana Energy Resources Inc.**
Well **State Peterson 11-20**
Field **Wattenberg**
County **Weld** State **Colorado**

Location 648' FNL & 676' FWL
NW NW
Sec-20 , Twp-5N, Rge- 63W

Other Services
Dual
Induction

Elevation
K.B. 4603
D.F. 4602
G.L. 4587

Permanent Datum	GL	Elevation	4587
Log Measured From	KB		
Drilling Measured From	KB		

Date	March 31, 2005		
Run Number	1		
Depth Driller	7300		
Depth Logger	7297		
Bottom Logged Interval	7277		
Top Log Interval	3370		
Casing Driller	416		
Casing Logger	Not Logged		
Bit Size	7 7/8"		
Type Fluid in Hole	Chem Gel		
Density / Viscosity	9.5 / 60		
pH / Fluid Loss	8.0 / 8.0		
Source of Sample	Flowline		
Rm @ Meas. Temp	3.62 @ 63°F		
Rmf @ Meas. Temp	2.71 @ 63°F		
Rmc @ Meas. Temp	4.52 @ 63°F		
Source of Rmf / Rmc	Measure / Calc		
Rm @ BHT	1.06 @ 215 °F		
Time Circulation Stopped	06:45		
Time Logger on Bottom	15:00		
Maximum Recorded Temperature	215 °F		
Equipment Number	4078		
Location	Brighton, CO		
Recorded By	Joe Reynolds		
Witnessed By	Dave Reust		

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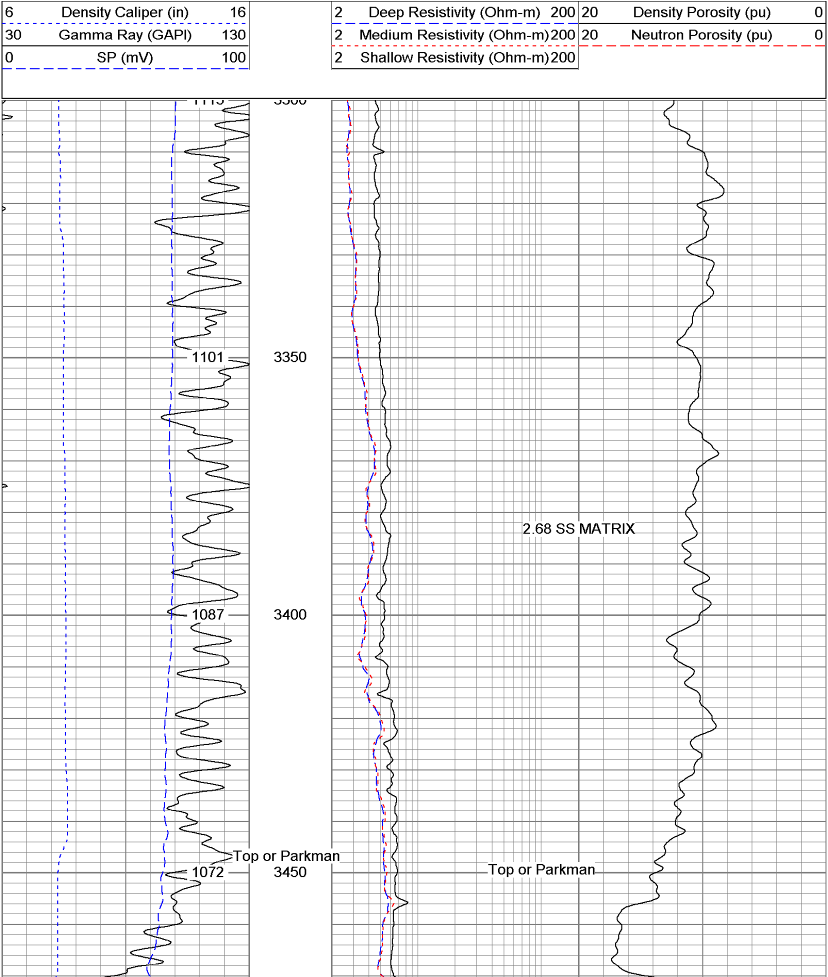
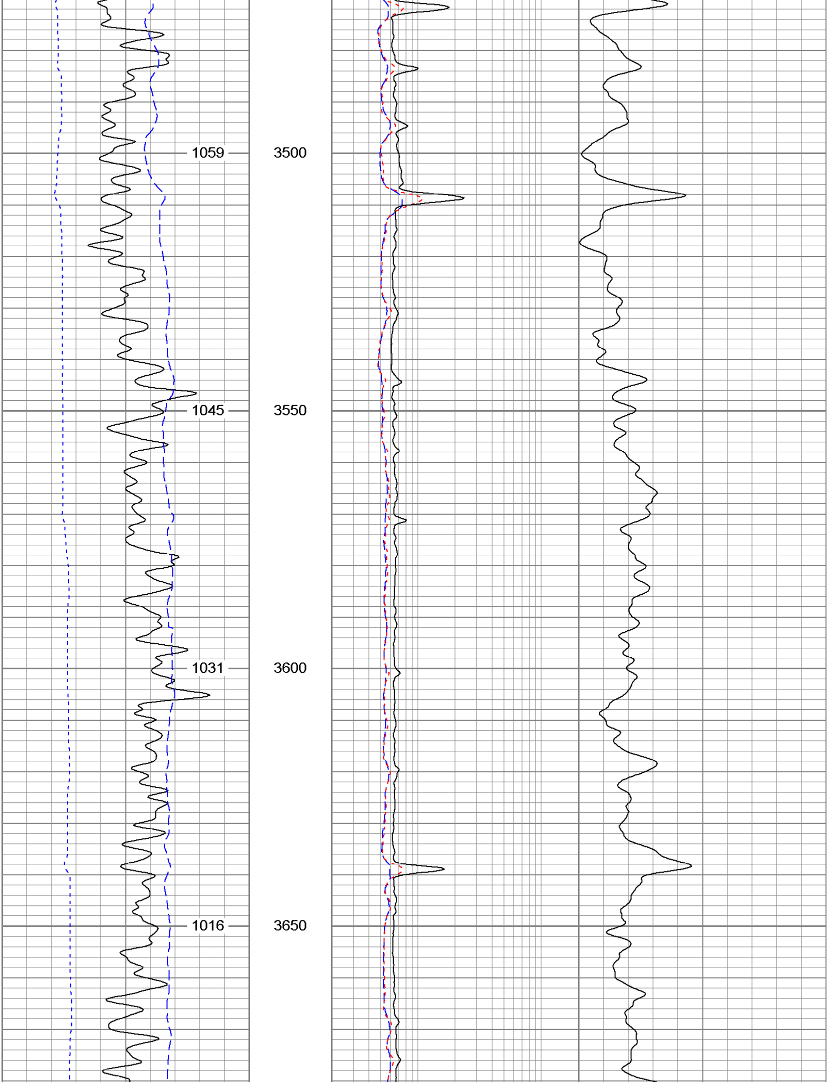
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

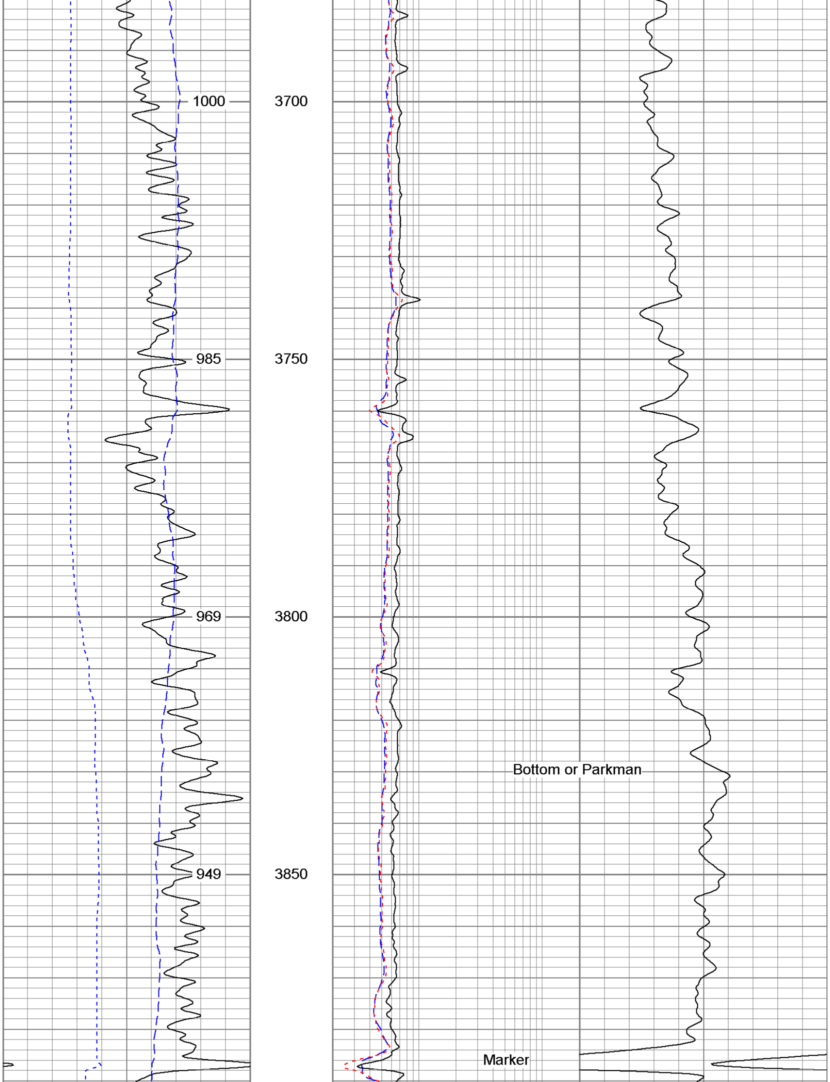
Comments

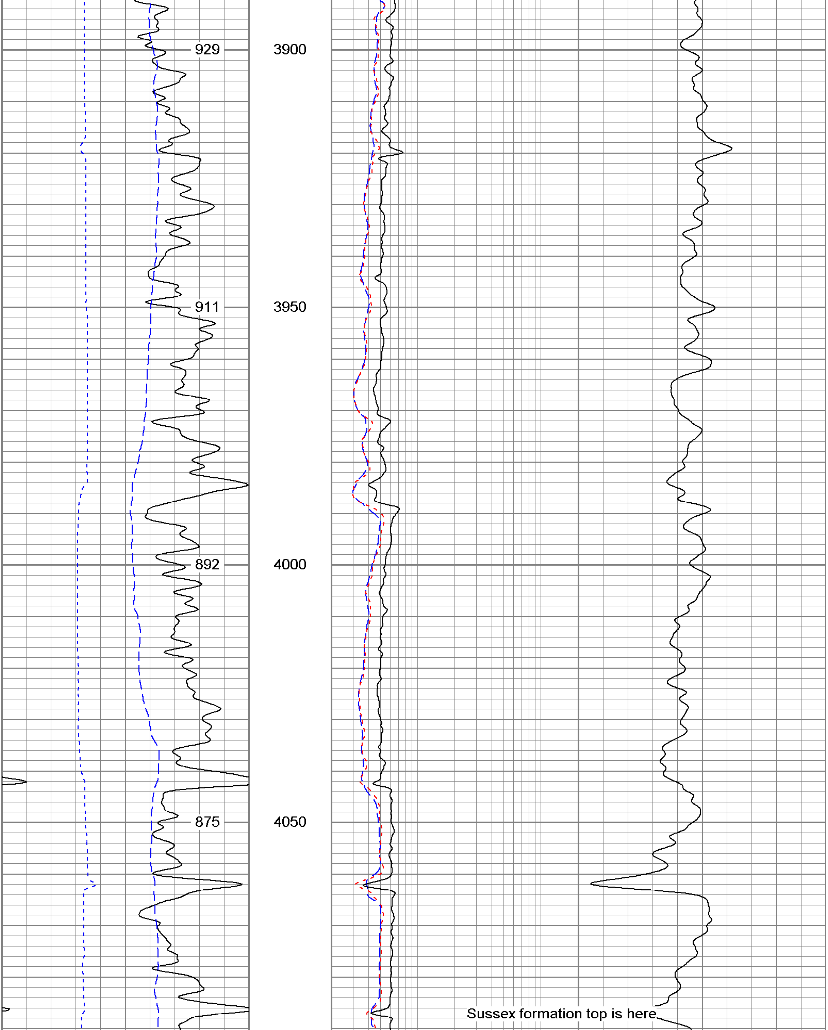
Annular volume calculated for 4.5" casing
Caza Drilling Rig 55
Thank you for using Phoenix Surveys!!
Your crew today: Tony, Brad, Joe
API #: 05-123-25624-00

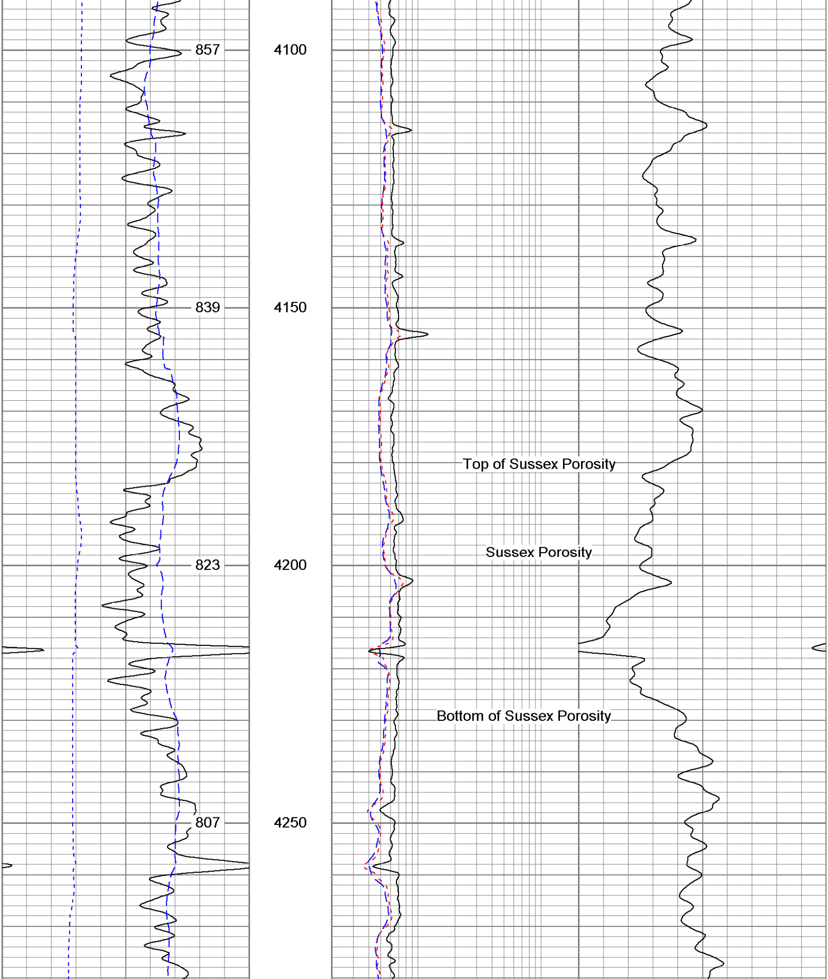
Database File: 5046.db
Dataset Pathname: pass5
Presentation Format: PDC1
Dataset Creation: Thu Mar 31 14:20:45 2005 by Log 6.2_B4
Charted by: Depth in Feet scaled 1:240

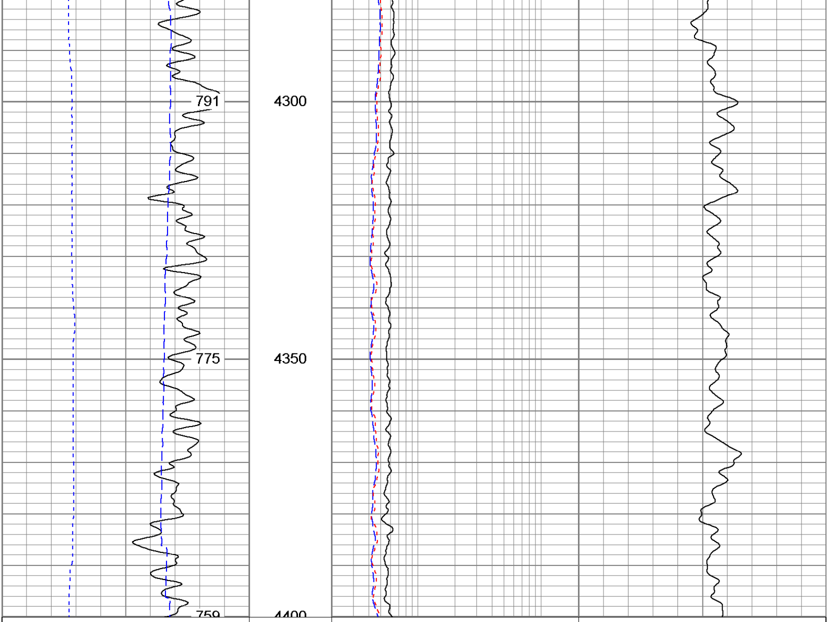








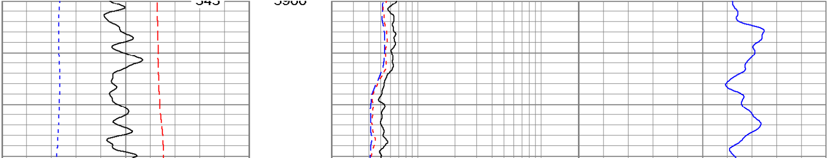


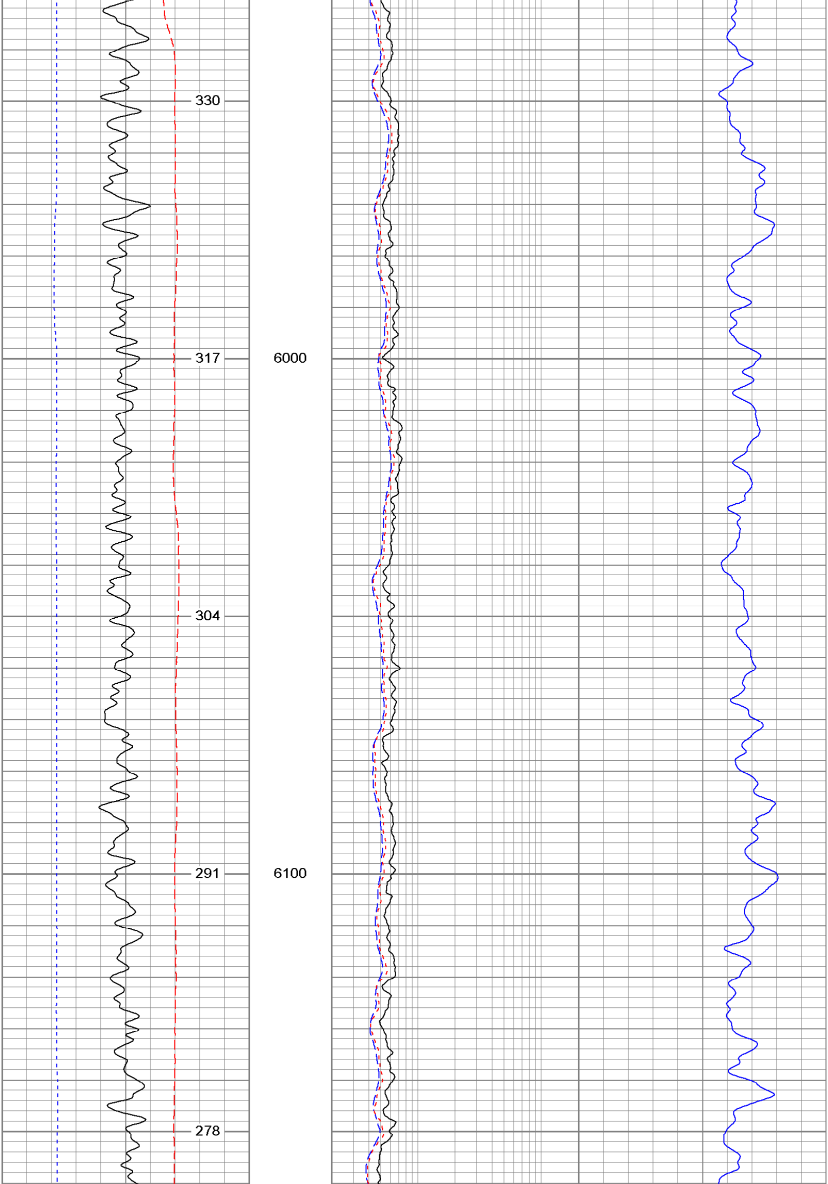


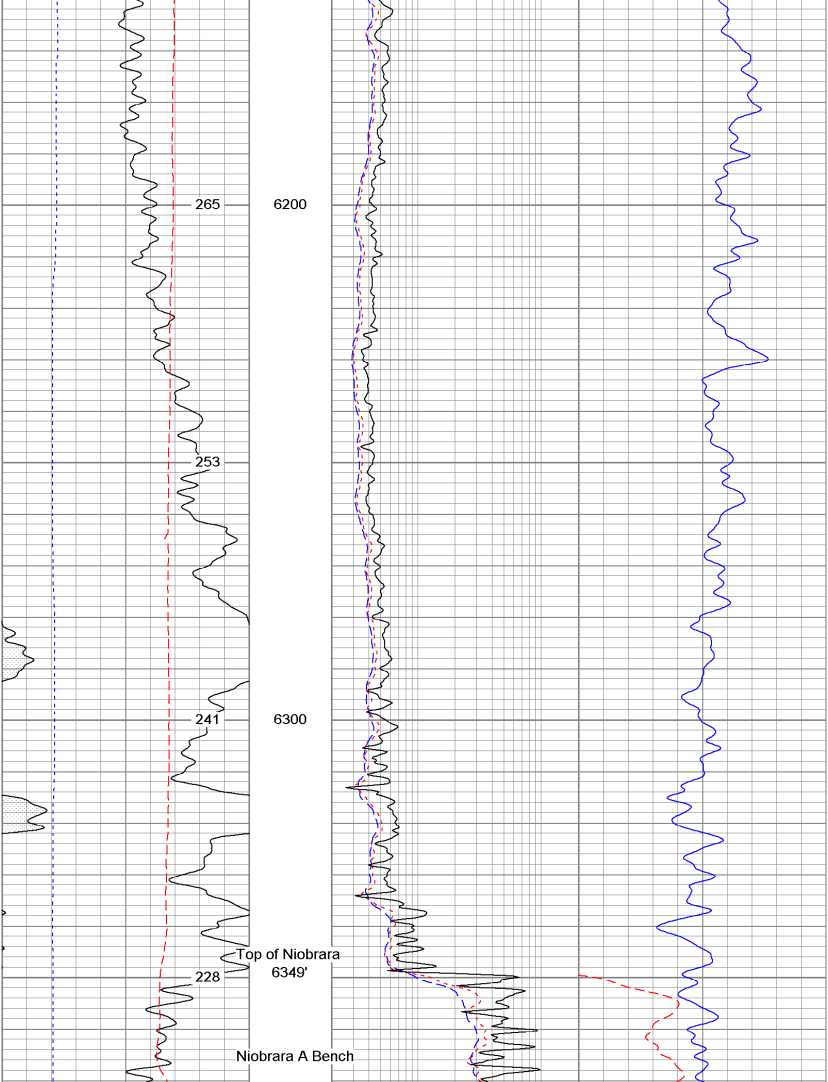
6 Density Caliper (in) 16	2 Deep Resistivity (Ohm-m) 200	20 Density Porosity (pu) 0
30 Gamma Ray (GAPI) 130	2 Medium Resistivity (Ohm-m) 200	20 Neutron Porosity (pu) 0
0 SP (mV) 100	2 Shallow Resistivity (Ohm-m) 200	

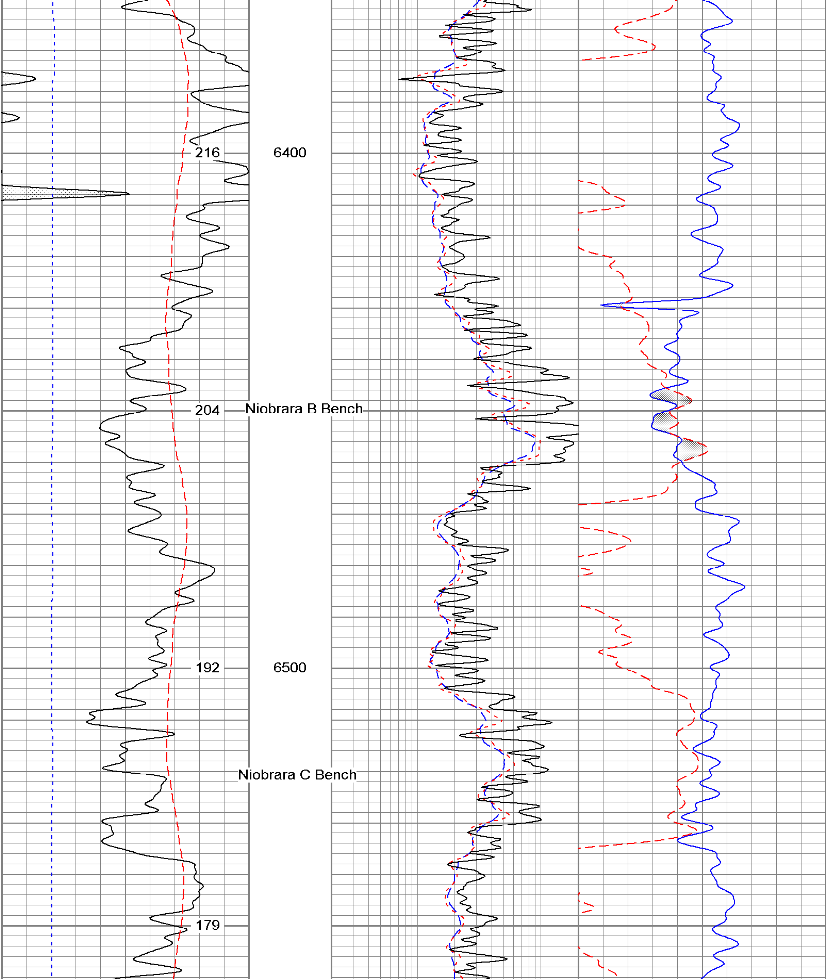
Database File:	5046.db
Dataset Pathname:	pass5.1
Presentation Format:	PDC
Dataset Creation:	Thu Mar 31 15:14:34 2005 by Calc 6.2_B4
Charted by:	Depth in Feet scaled 1:240

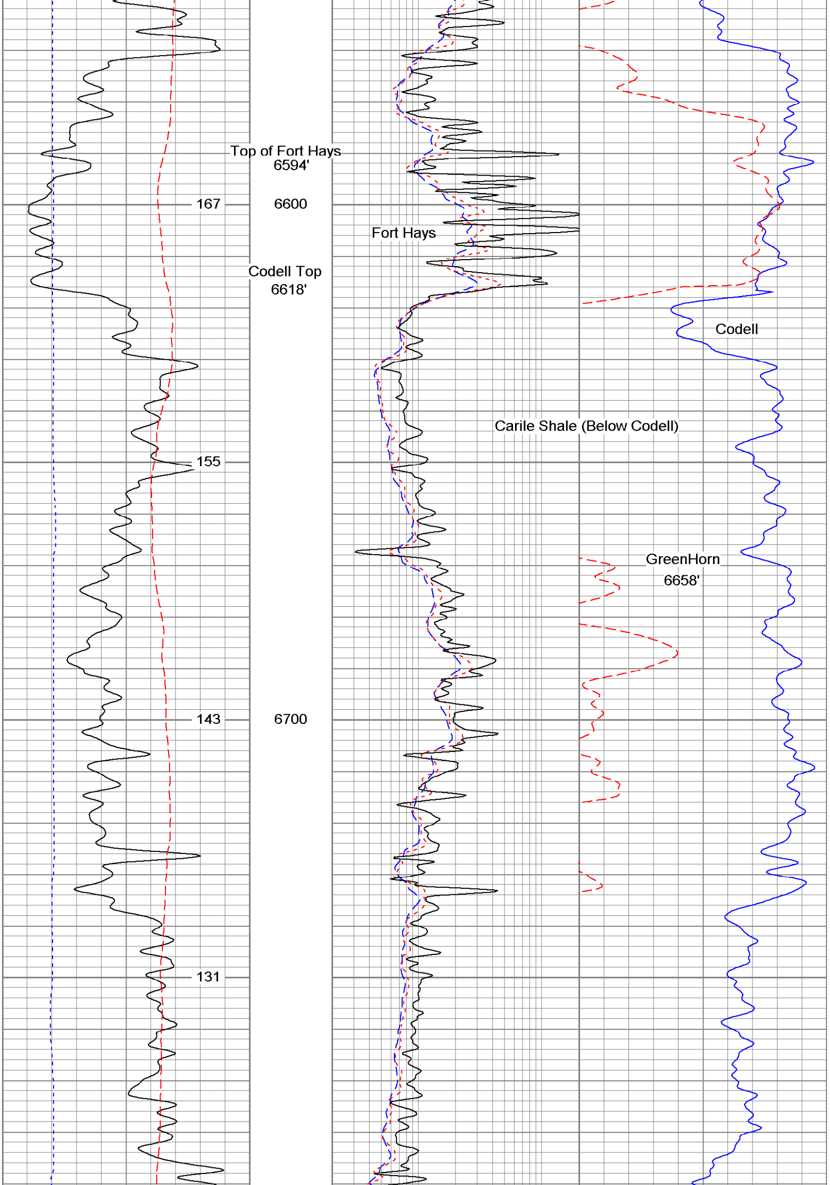
6 Caliper (in) 16	2 Deep Resistivity (Ohm-m) 200	20 Density Porosity (pu) 0
0 Gamma Ray (GAPI) 200	2 Medium Resistivity (Ohm-m) 200	20 CN Porosity (pu) 0
0 SP (mV) 200	2 Shallow Resistivity (Ohm-m) 200	

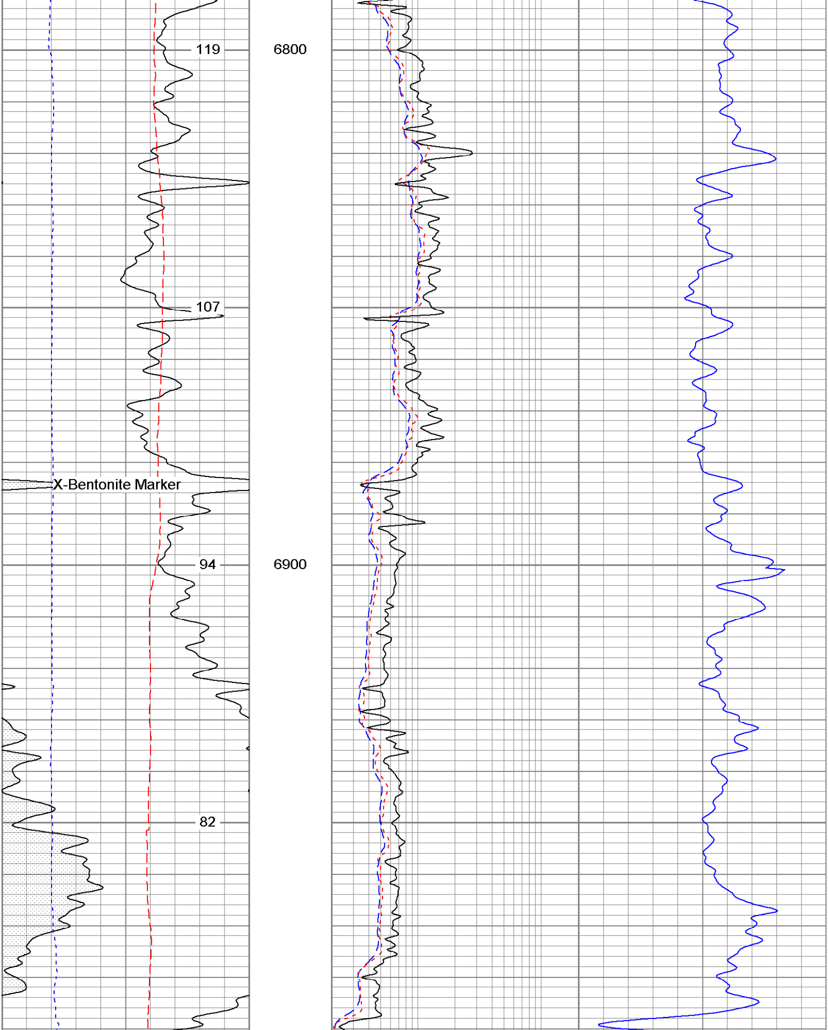


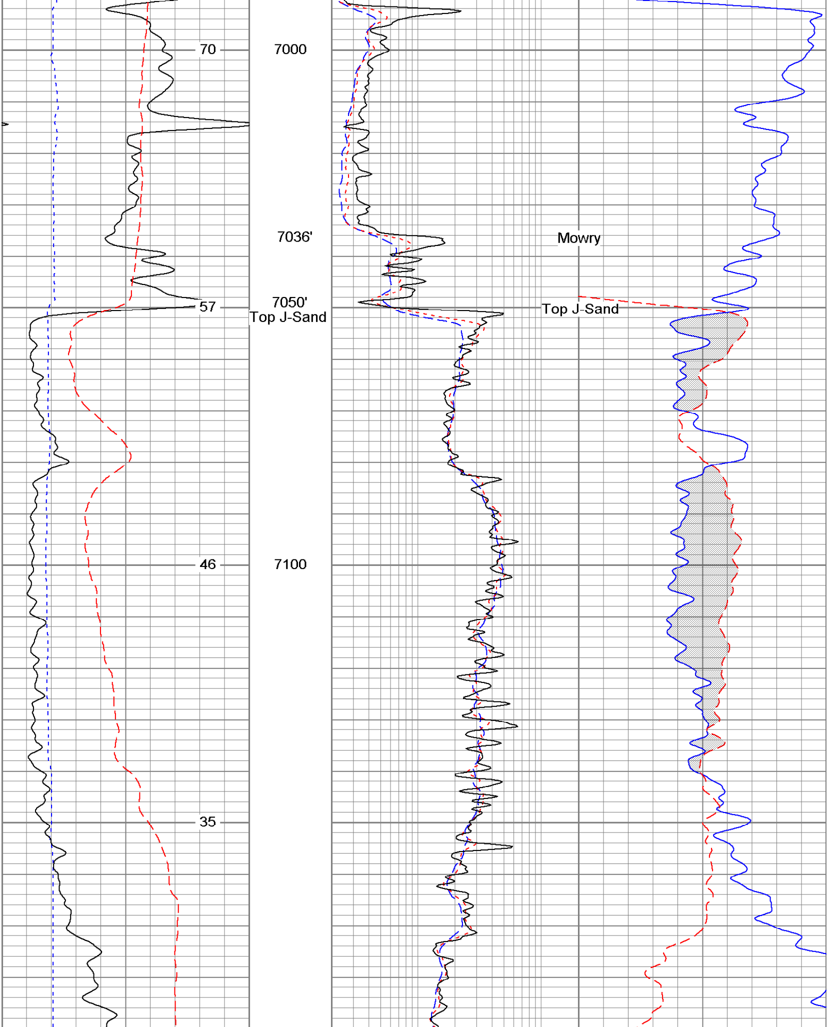


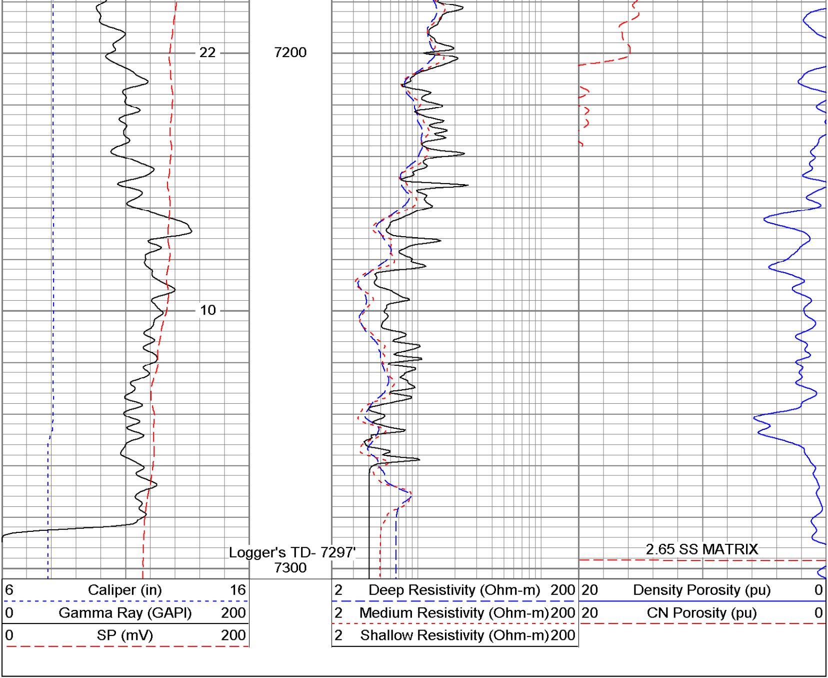











22
7200
10
Logger's TD- 7297'
7300
2.65 SS MATRIX
6 Caliper (in) 16
0 Gamma Ray (GAPI) 200
0 SP (mV) 200
2 Deep Resistivity (Ohm-m) 200
2 Medium Resistivity (Ohm-m) 200
2 Shallow Resistivity (Ohm-m) 200
20 Density Porosity (pu) 0
20 CN Porosity (pu) 0