PSI
PHOENIX SURVEYS, INC.

COMPENSATED DENSITY
COMPENSATED NEUTRON
DUAL INDUCTION

Company
Well
Field
County
State

Company	EnCana Oil & Gas (USA) Inc.
Well	Puritan 33-34
Field	Wattenberg
County	Weld
State	Colorado

Location
1923' FSL & 1985' FEL
NW SE
Sec 34, Twp 2N, Rge 68W

Other Services
None

Elevation
K.B. 5017
D.F. 5016
G.L. 5001

Permanent Datum	GL	Elevation	5001
Log Measured From	KB		
Drilling Measured From	KB		

Date	July 16, 2006		
Run Number	1		
Depth Driller	8318		
Depth Logger	8307		
Bottom Logged Interval	8307		
Top Log Interval	Casing		
Casing Driller	672		
Casing Logger	672		
Bit Size	7 7/8"		
Type Fluid in Hole	Polymer Gel		
Density / Viscosity	9.8 / 65		
pH / Fluid Loss	9.0 / 7.2		
Source of Sample	Flowline		
Rm @ Meas. Temp	2.68 @ 90°F		
Rmf @ Meas. Temp	2.01 @ 90°F		
Rmc @ Meas. Temp	3.35 @ 90°F		
Source of Rmf / Rmc	Measure / Calc		
Rm @ BHT	1.08 @ 224 °F		
Time Circulation Stopped	0030		
Time Logger on Bottom	1015		
Maximum Recorded Temperature	224 °F		
Equipment Number	4078		
Location	Brighton, CO		
Recorded By	Maciej Staron		
Witnessed By	John Walsh		

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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

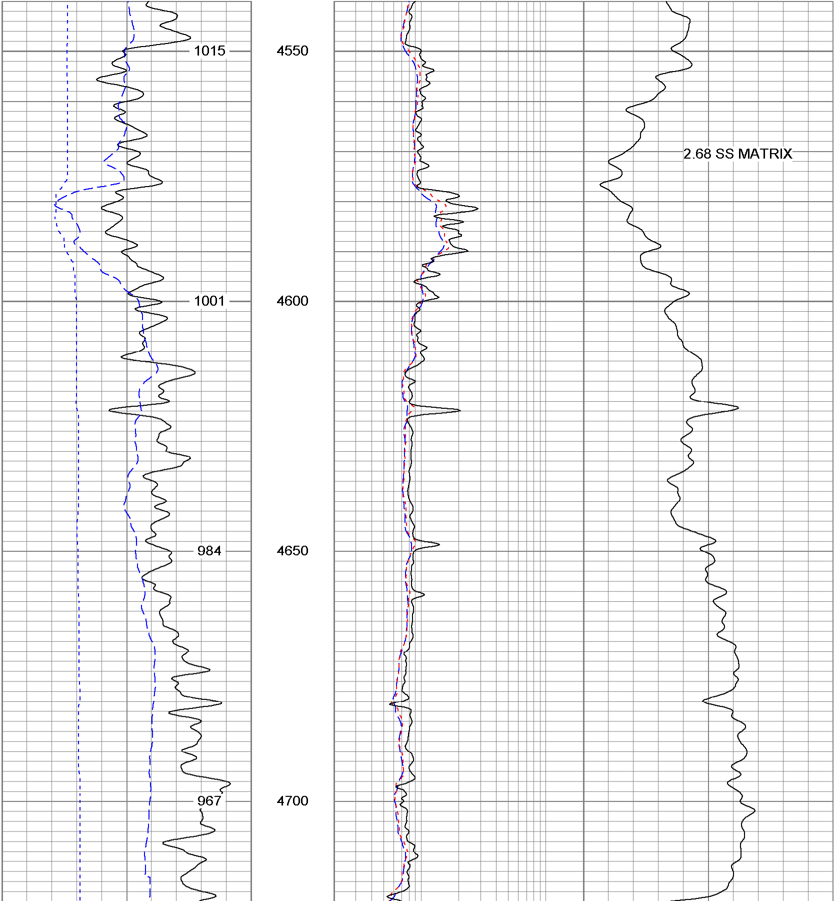
Annular volume calculated for 4.5" casing
Patterson UTI Drilling Rig 34
Thank you for using Phoenix Surveys!!
API #: 05-123-22147-00

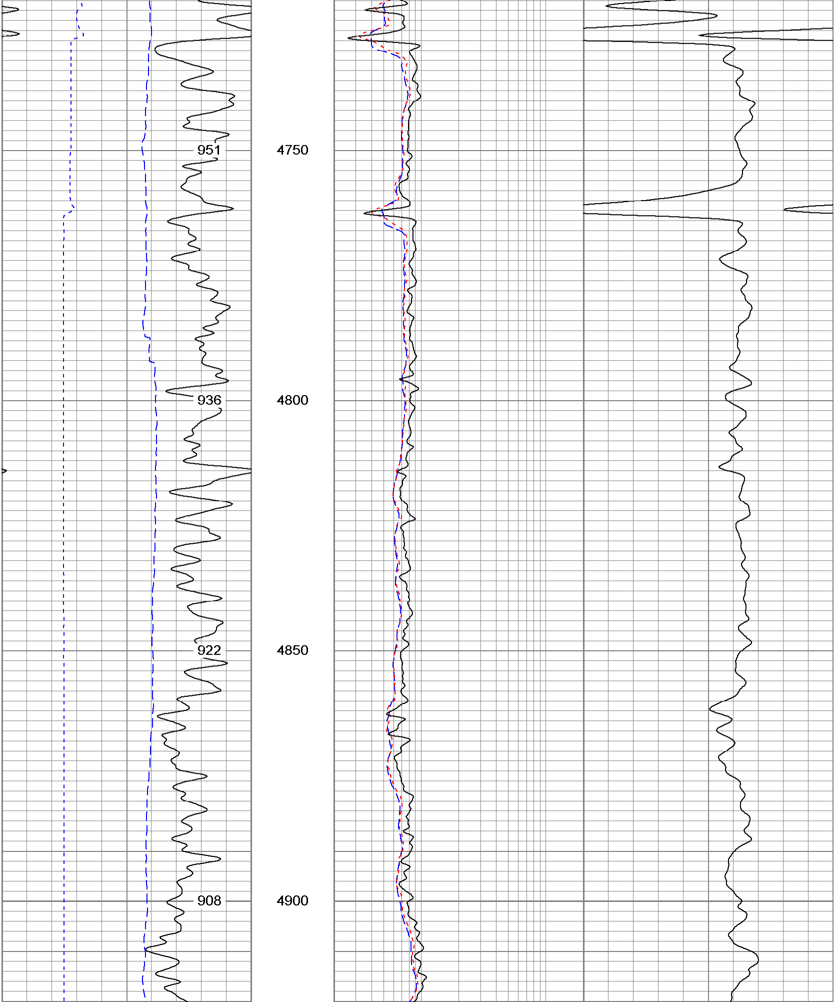
Database File:	6200.db
Dataset Pathname:	pass4
Presentation Format:	PDC1
Dataset Creation:	Sun Jul 16 10:34:34 2006 by Log 6.2_B4
Charted by:	Depth in Feet scaled 1:240

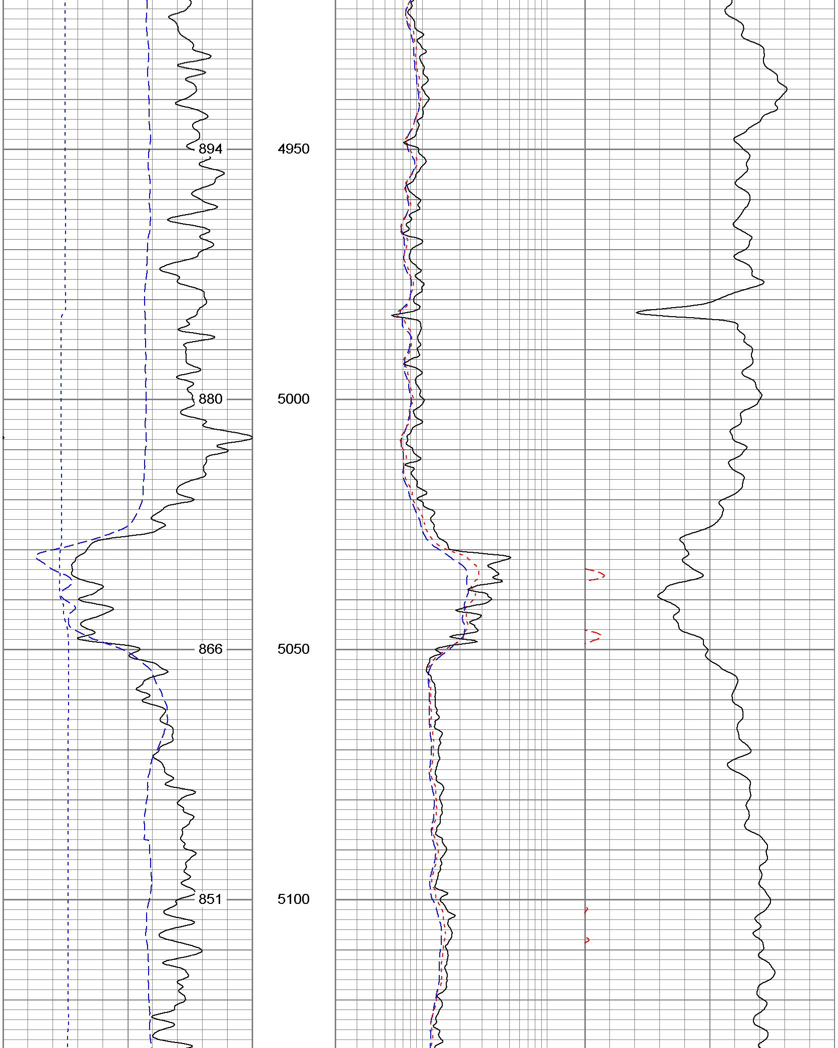
6 Density Caliper (in) 16
30 Gamma Ray (GAPI) 130
30 SP (mV) 130

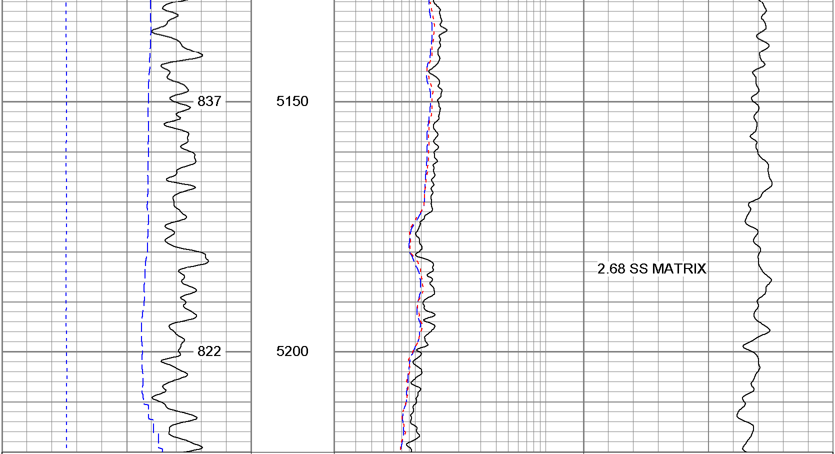
2 Deep Resistivity (Ohm-m) 200
2 Medium Resistivity (Ohm-m) 200
2 Shallow Resistivity (Ohm-m) 200

20 Density Porosity (pu) 0
20 Neutron Porosity (pu) 0



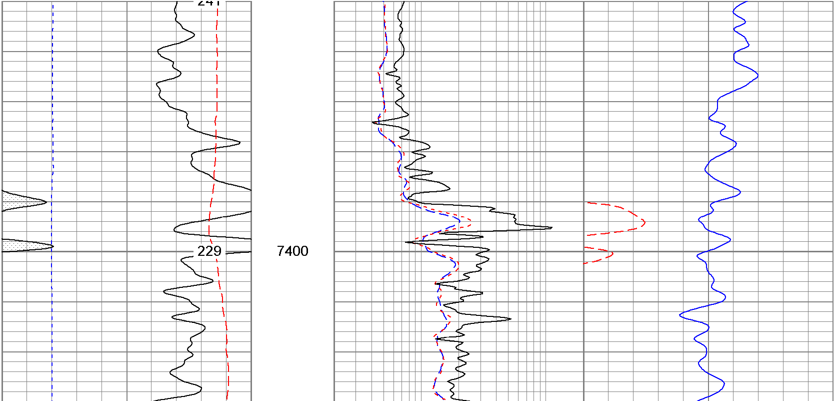
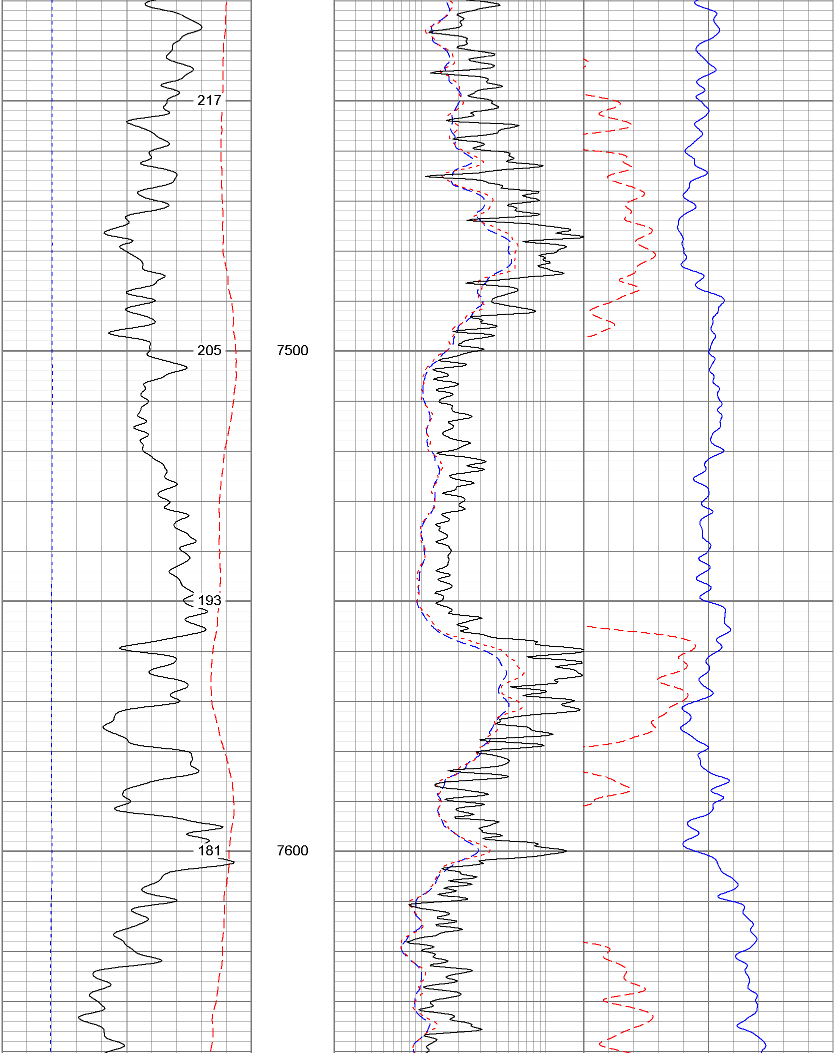
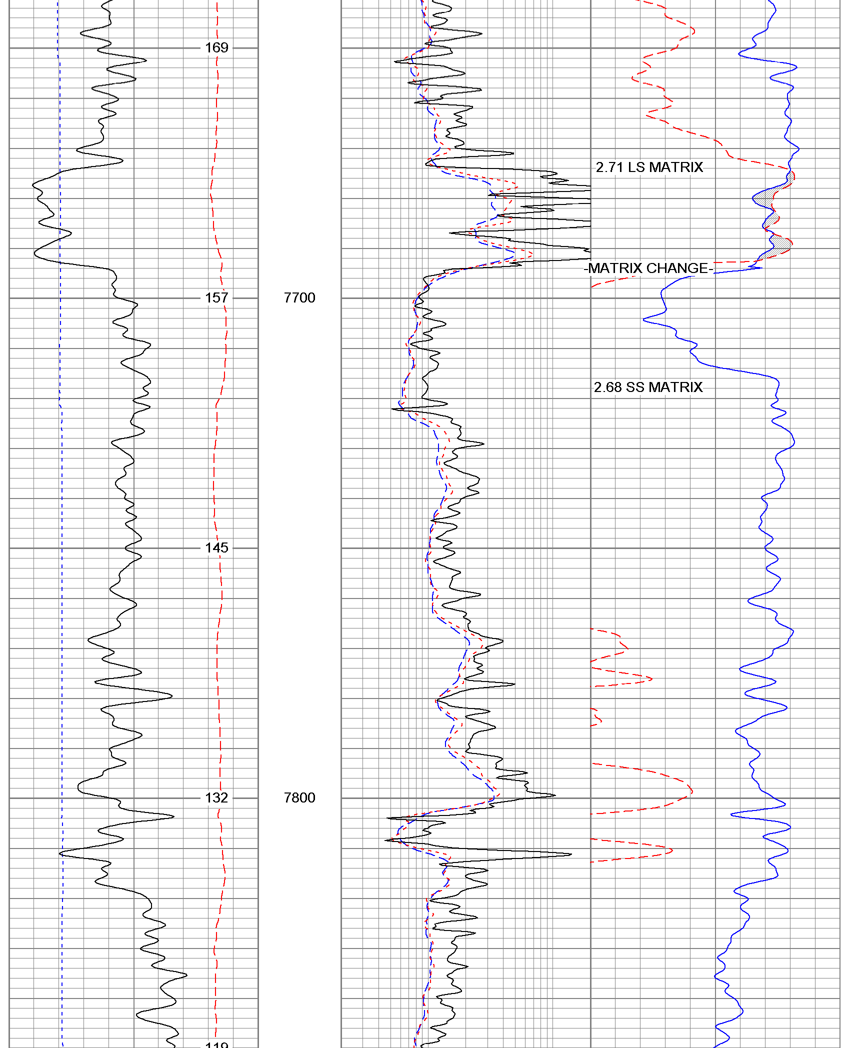
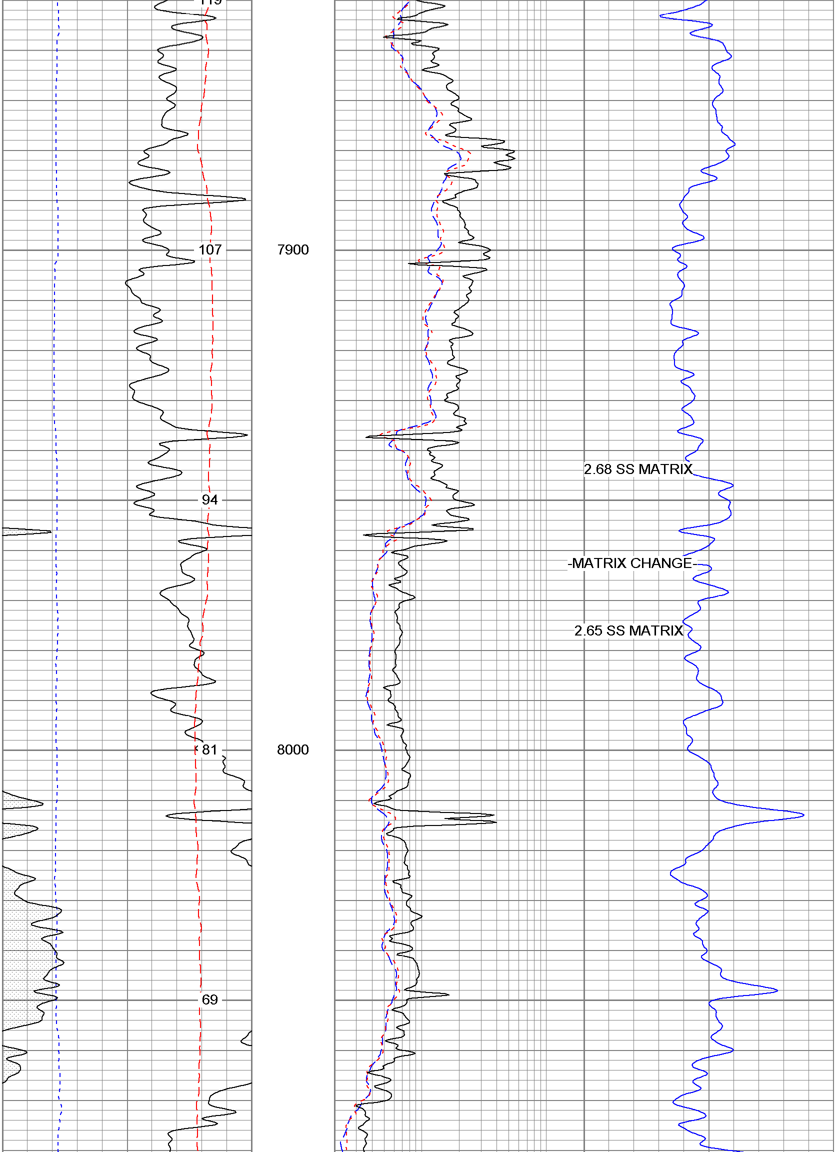
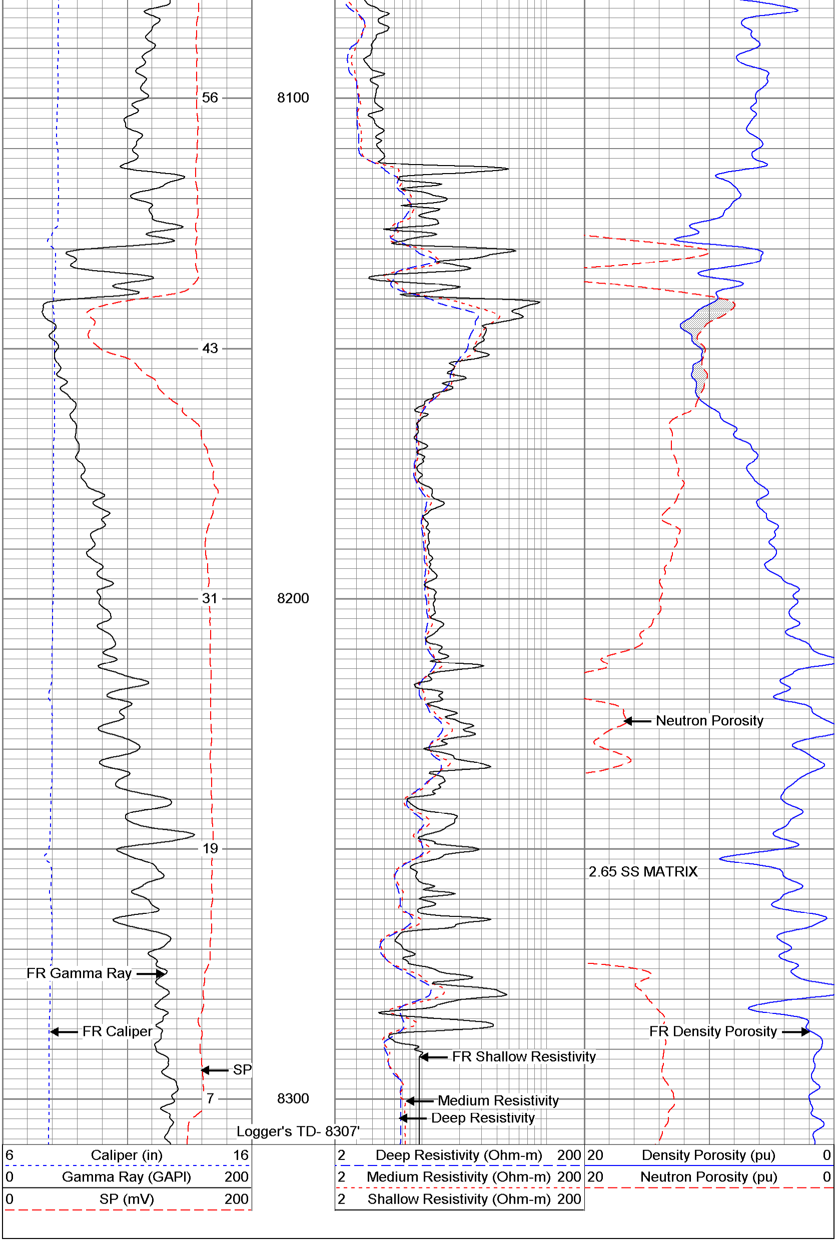






6	Density Caliper (in)	16	2	Deep Resistivity (Ohm-m)	200	20	Density Porosity (pu)	0
30	Gamma Ray (GAPI)	130	2	Medium Resistivity (Ohm-m)	200	20	Neutron Porosity (pu)	0
30	SP (mV)	130	2	Shallow Resistivity (Ohm-m)	200			

Database File:	6200.db
Dataset Pathname:	main
Presentation Format:	PDC
Dataset Creation:	Sun Jul 16 11:13:45 2006
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	Neutron Porosity (pu)	0
0	SP (mV)	200	2	Shallow Resistivity (Ohm-m)	200