PHOENIX SURVEYS, INC.

DUAL INDUCTION
GUARD LOG
GAMMA RAY

Company
Well
Field
County
State/Prv

Company	Great Western Oil & Gas LLC
Well	Tatman 34-53
Field	Wattenberg
County	Weld
State/Province	Colorado

Location
1474' FSL & 1348' FWL
NESW
Sec. 34, Twp. 7N, Rge. 64W

Other Services
Density
Neutron

Elevation
K.B. 4846
D.F. 4845
G.L. 4830

Permanent Datum	GL	Elevation	4830
Log Measured From	KB		
Drilling Measured From	KB		

Date	May 25, 2008		
Run Number	1		
Depth Driller	7257		
Depth Logger	7259		
Bottom Logged Interval	7259		
Top Log Interval	Casing		
Casing Driller	651		
Casing Logger	651		
Bit Size	7-7/8"		
Type Fluid in Hole	Chem Gel		
Density / Viscosity	9.8 / 63		
pH / Fluid Loss	8.0 / 10.0		
Source of Sample	Mudpit		
Rm @ Meas. Temp	3.42 @ 80° F		
Rmf @ Meas. Temp	2.57 @ 80° F		
Rmc @ Meas. Temp	4.28 @ 80° F		
Source of Rmf / Rmc	Measure / Calc		
Rm @ BHT	1.18 @ 200° F		
Time Circulation Stopped	19:00 9/9		
Time Logger on Bottom	1330		
Maximum Recorded Temperature	200° F		
Equipment Number	4400		
Location	Brighton, CO		
Recorded By	Eric Christensen		
Witnessed By	Mark Scanniello		

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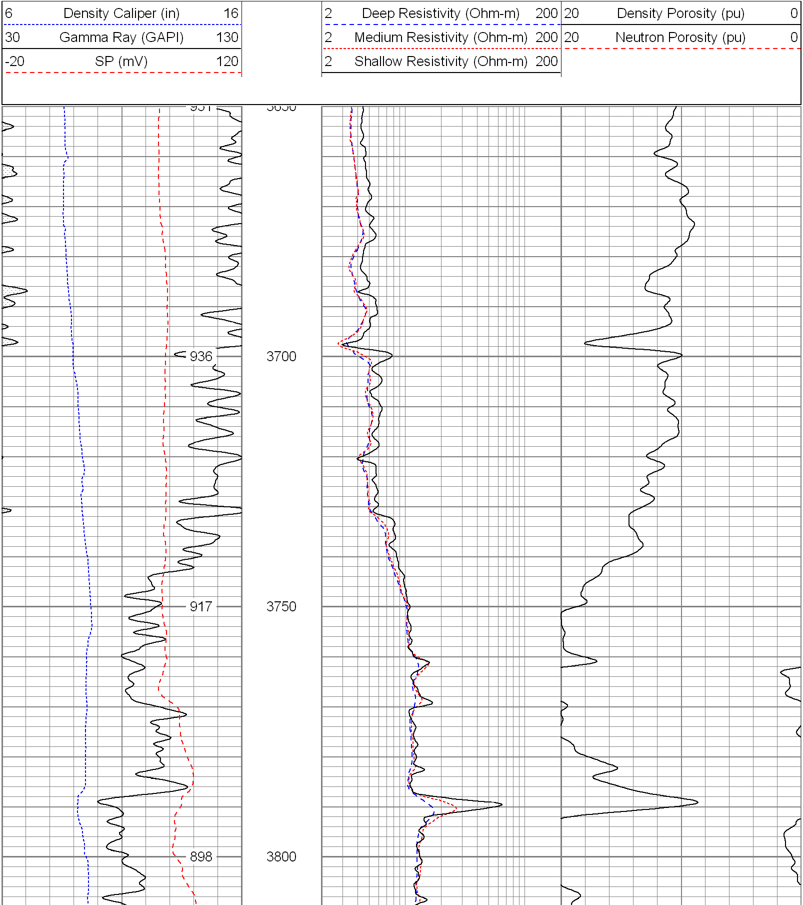
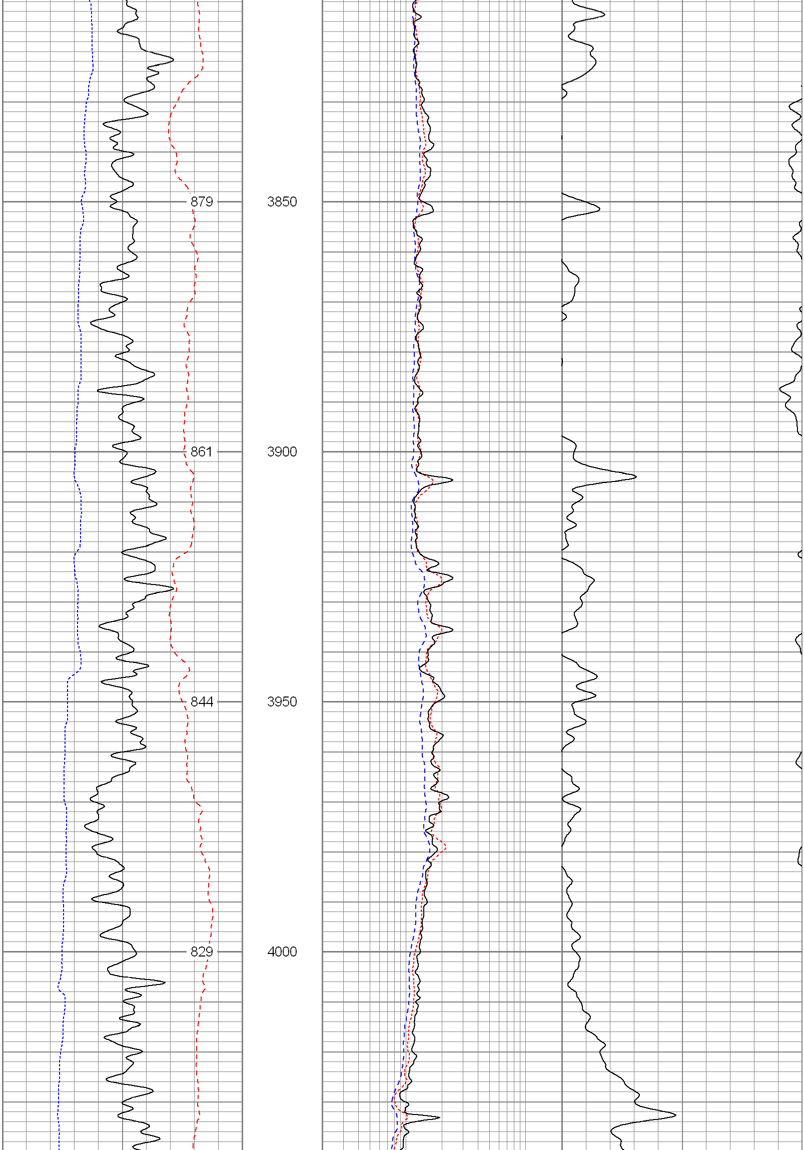
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

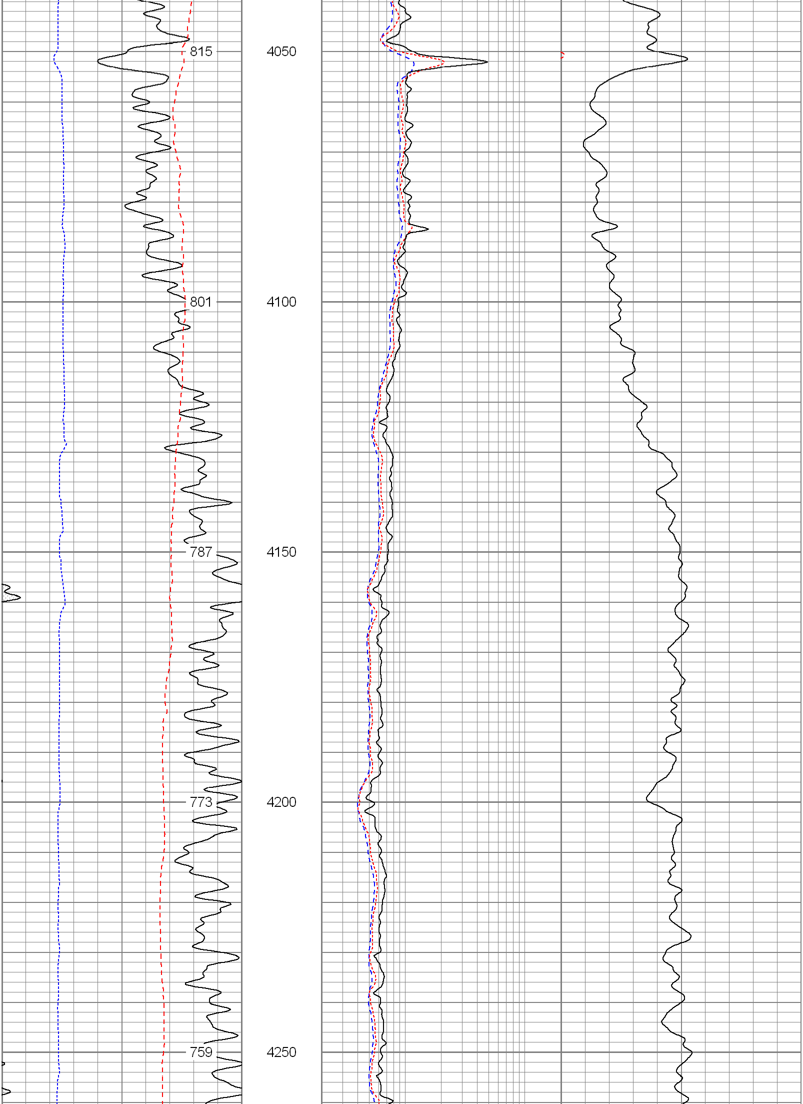
Comments

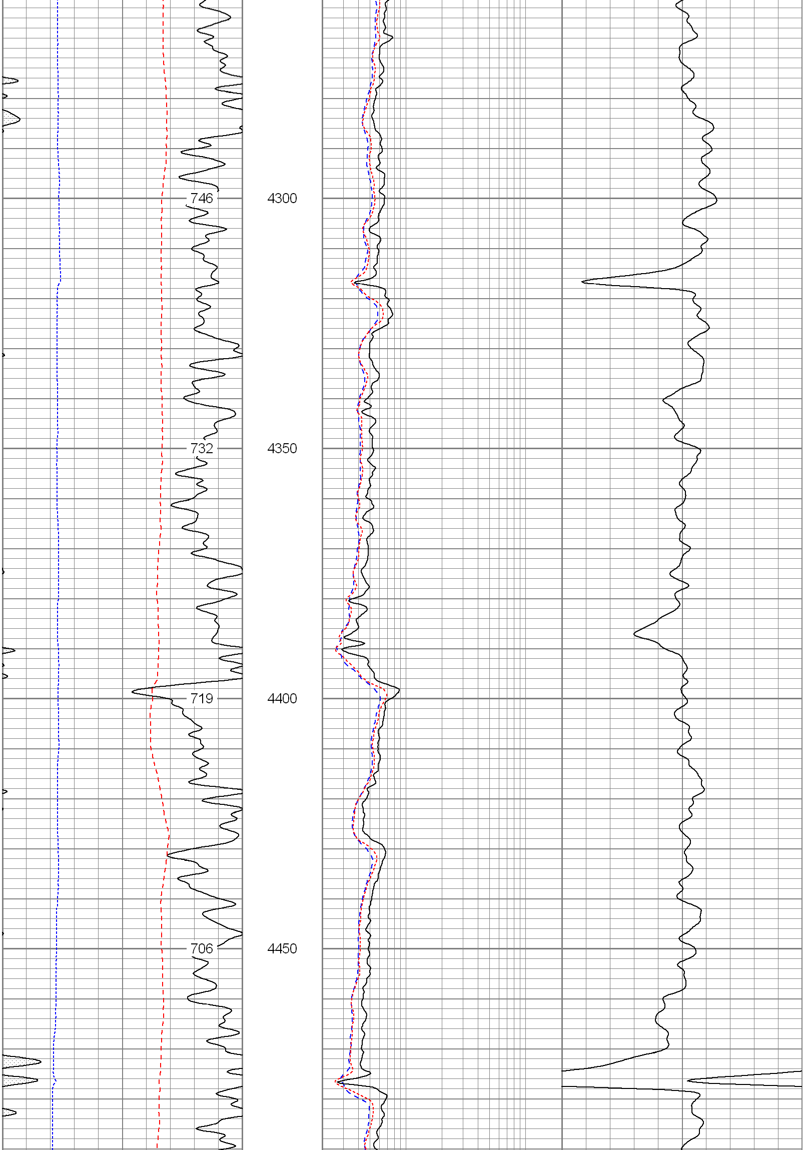
Annular volume calculated for 4-1/2" casing
Ensign Rig 7
Thank you for using Phoenix Surveys!!
API #: 05-123-25479-00

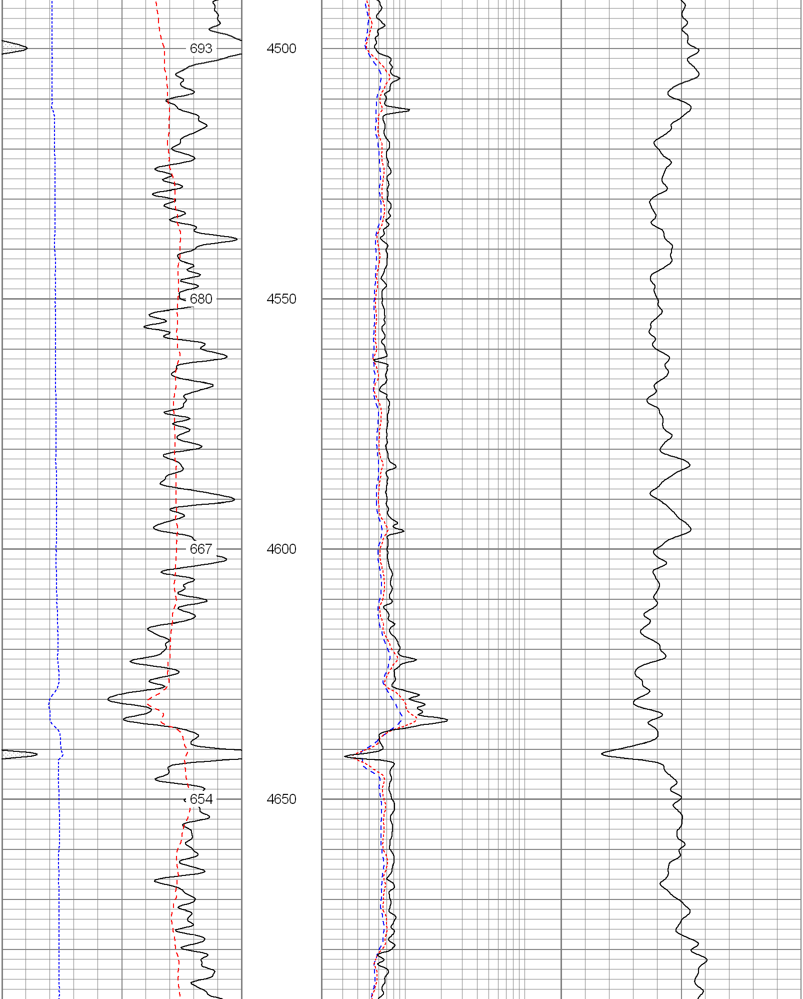
Database File: 8751.db
Dataset Pathname: pass3
Presentation Format: pdc1
Dataset Creation: Sun May 25 13:37:33 2008 by Log Open-Cased 061129
Charted by: Depth in Feet scaled 1:240

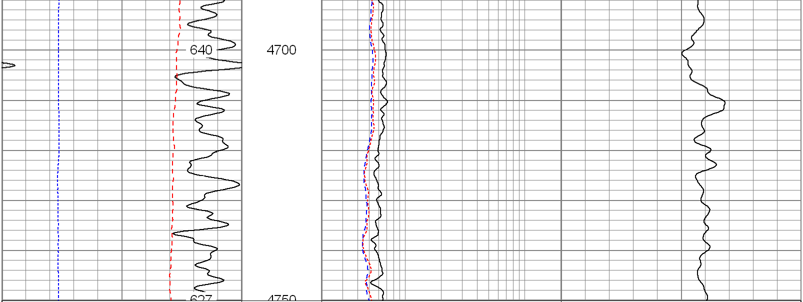












6	Density Caliper (in)	16	2	Deep Resistivity (Ohm-m)	200	20	Density Porosity (pu)	0
30	Gamma Ray (GAPI)	130	2	Medium Resistivity (Ohm-m)	200	20	Neutron Porosity (pu)	0
-20	SP (mV)	120	2	Shallow Resistivity (Ohm-m)	200			

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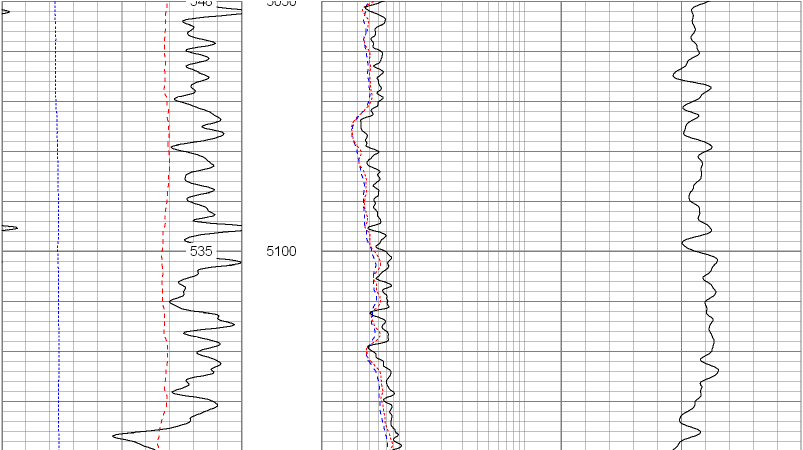

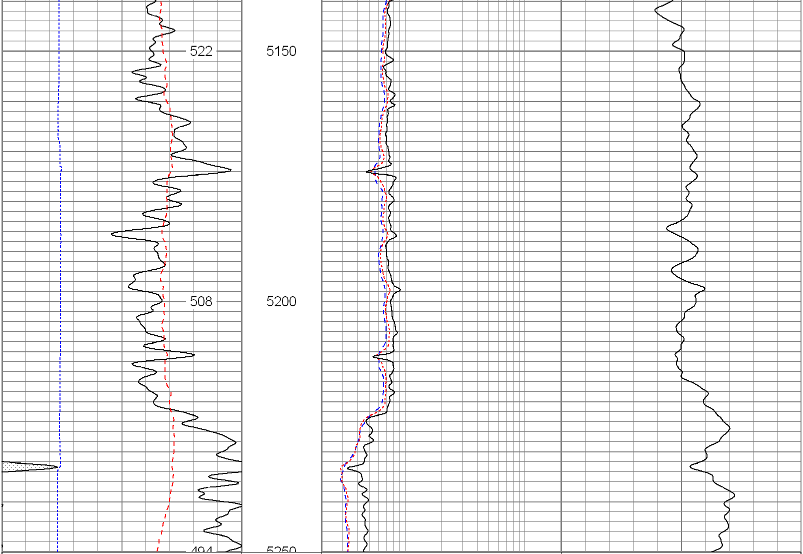

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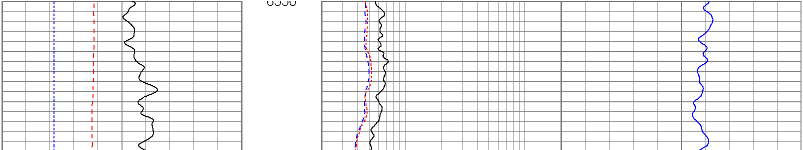
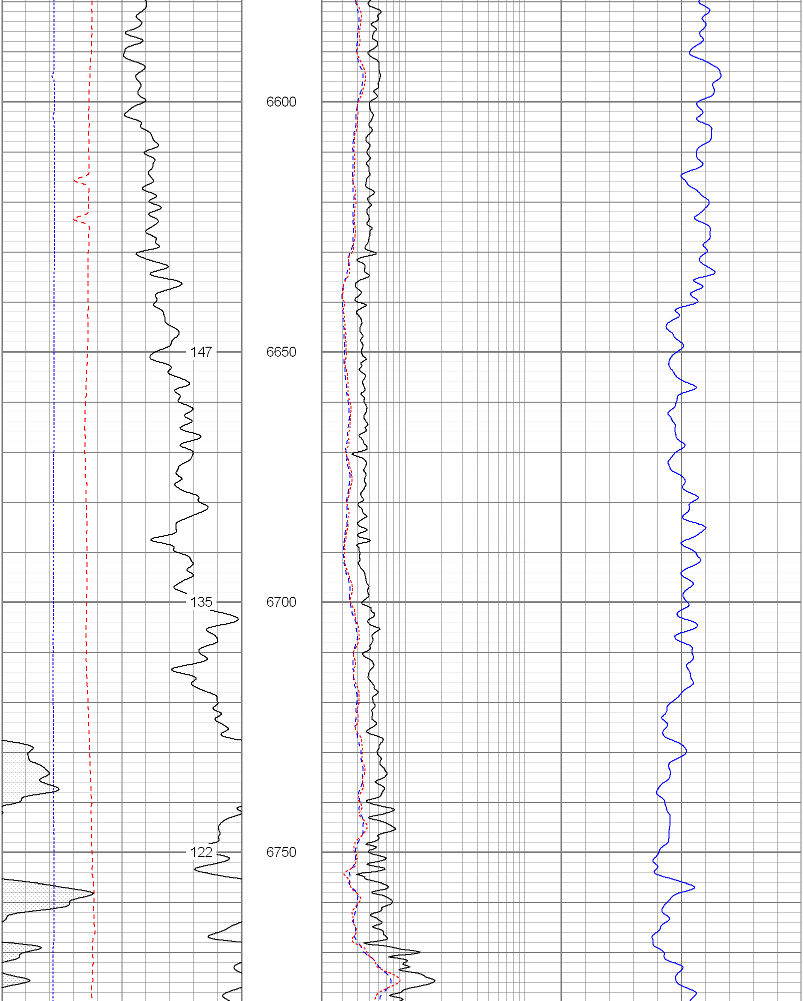
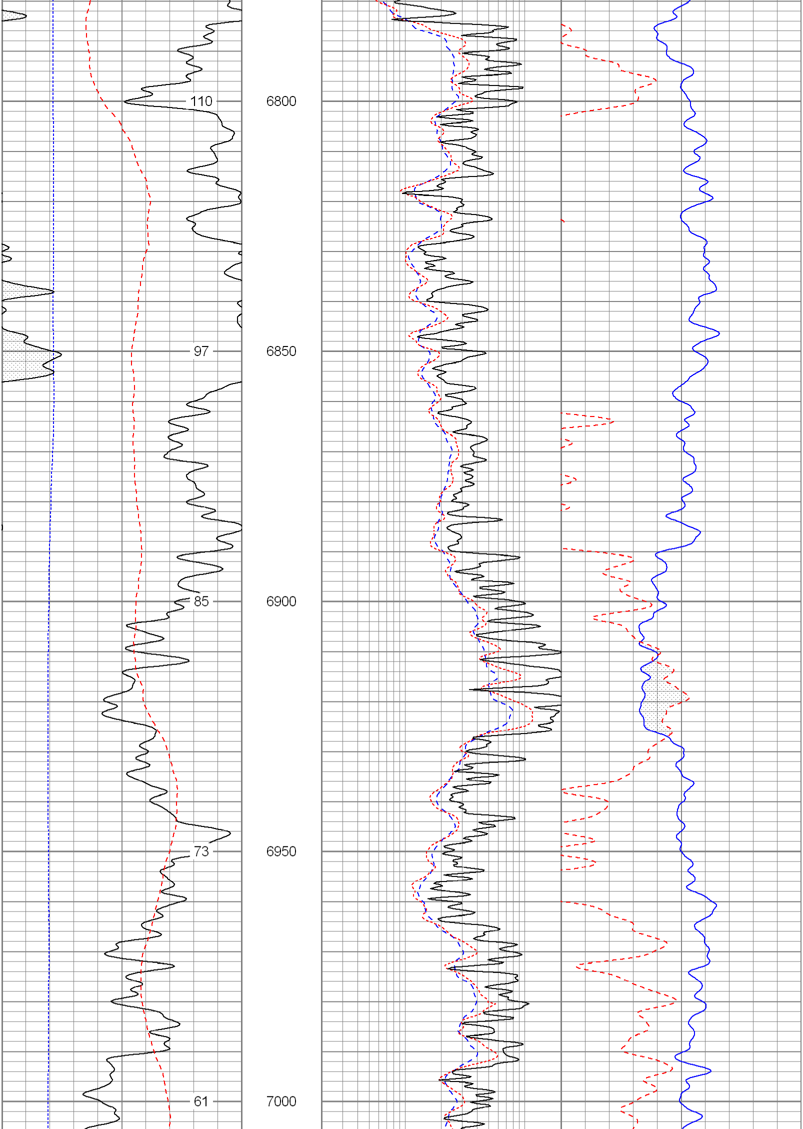
30 Gamma Ray (GAPI) 130	2 Medium Resistivity (Ohm-m) 200	20 Neutron Porosity (pu) 0
-20 SP (mV) 120	2 Shallow Resistivity (Ohm-m) 200	

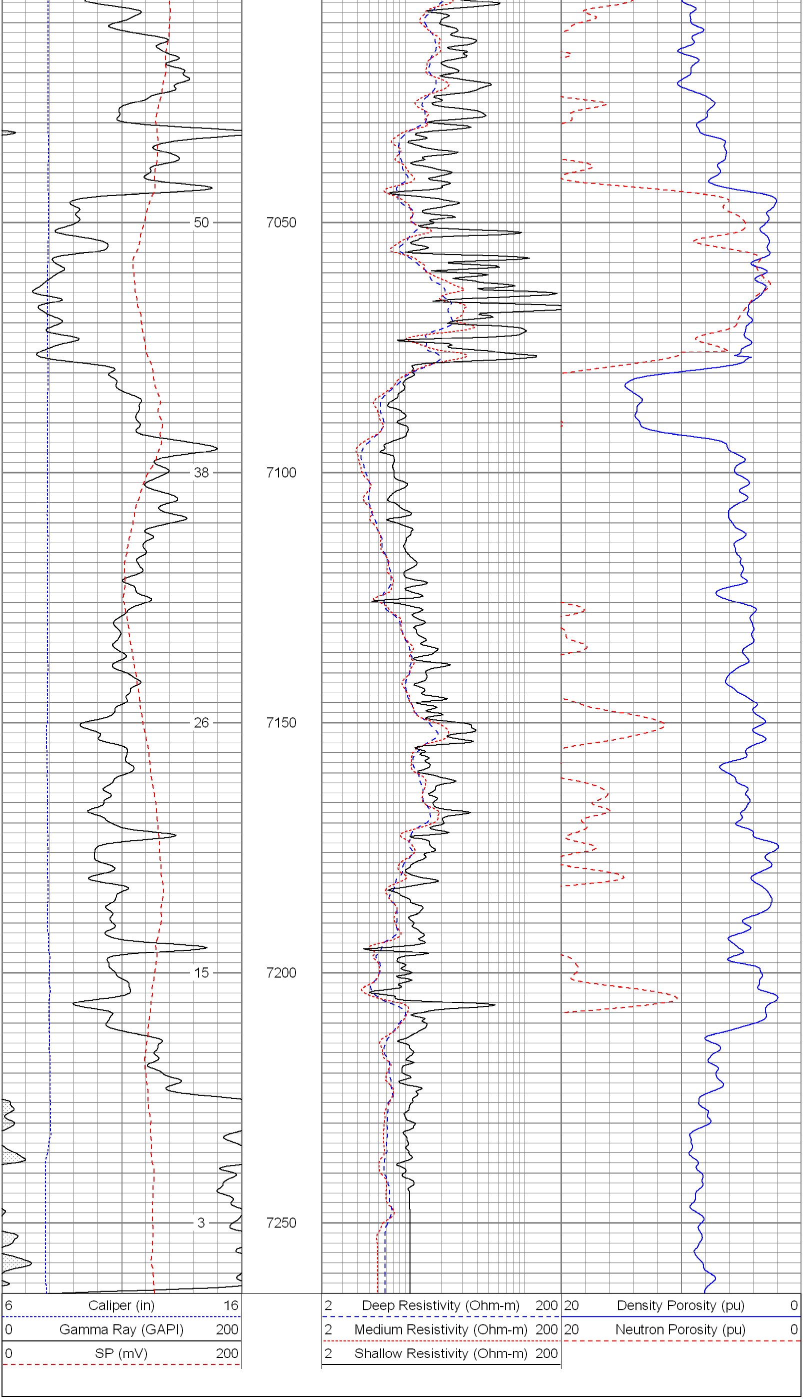
Database File:	8751.db
Dataset Pathname:	final
Presentation Format:	pdc
Dataset Creation:	Sun May 25 14:05:28 2008
Charted by:	Depth in Feet scaled 1:240

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	








50
38
26
15
3
7050
7100
7150
7200
7250
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 Neutron Porosity (pu) 0