PHOENIX SURVEYS, INC.

COMPENSATED DENSITY
COMPENSATED NEUTRON
DUAL INDUCTION

Company
Well
Field
County
State/Prv

Company	**Bonanza Creek Operating Co. LLC**
Well	**North Platte 23-24**
Field	**Wattenberg**
County	**Weld** State/Province **Colorado**

Location
1980' FSL & 1945' FWL
NE SW
Sec - 24, Twp - 5N, Rge - 63W

Other Services
None

Elevation
K.B. 4584
D.F. 4583
G.L. 4574

Permanent Datum	GL	Elevation	4574
Log Measured From	KB		
Drilling Measured From	KB		

Date	October 4, 2007		
Run Number	1		
Depth Driller	6697		
Depth Logger	6697		
Bottom Logged Interval	6697		
Top Log Interval	Casing		
Casing Driller	394		
Casing Logger	394		
Bit Size	7-7/8"		
Type Fluid in Hole	Polymer Gel		
Density / Viscosity	8.9 / 55		
pH / Fluid Loss	9.0 / 9.6		
Source of Sample	Flowline		
Rm @ Meas. Temp	3.35 @ 84° F		
Rmf @ Meas. Temp	2.67 @ 84° F		
Rmc @ Meas. Temp	4.02 @ 84° F		
Source of Rmf / Rmc	Measure / Calc		
Rm @ BHT	1.18 @ 208° F		
Time Circulation Stopped	0300		
Time Logger on Bottom	1120		
Maximum Recorded Temperature	208° F		
Equipment Number	4078		
Location	Brighton, CO		
Recorded By	Ian Harris		
Witnessed By	Kurt Dodge	Larry Goolsby	

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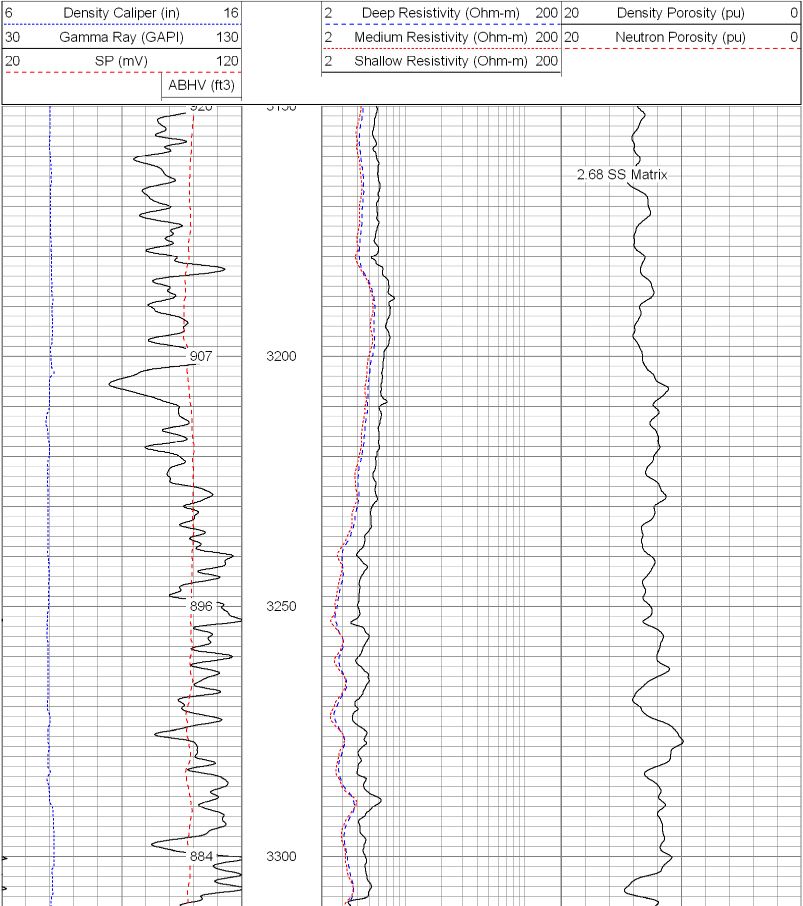
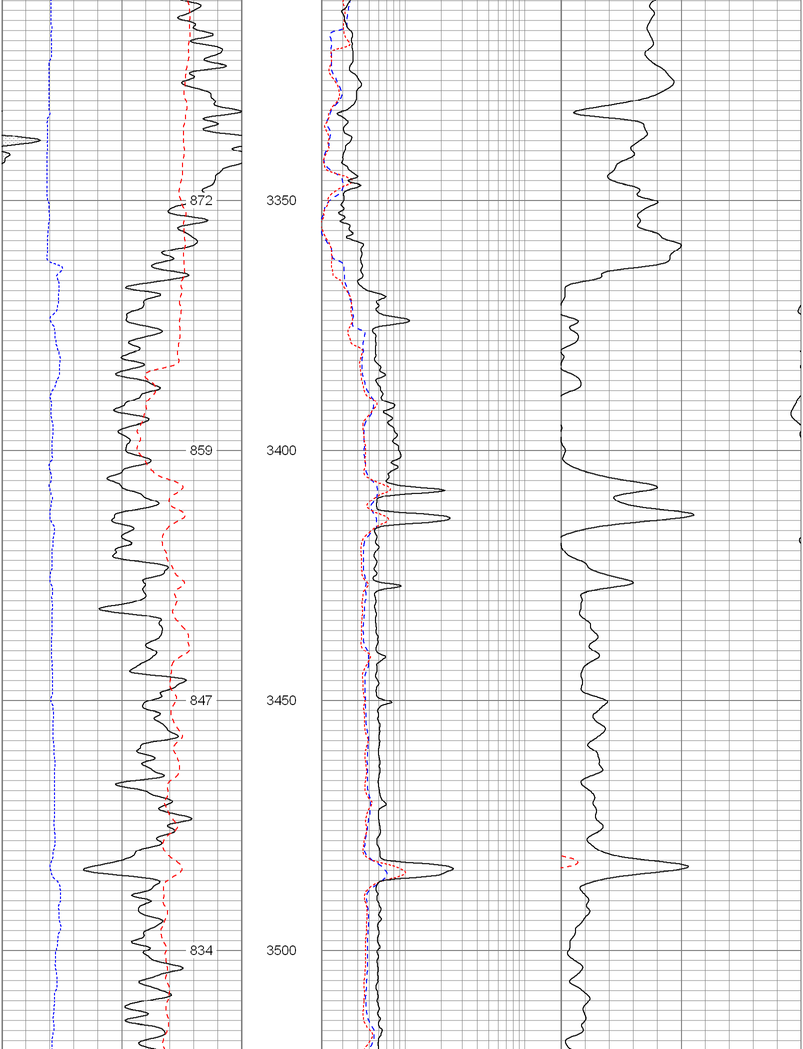
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

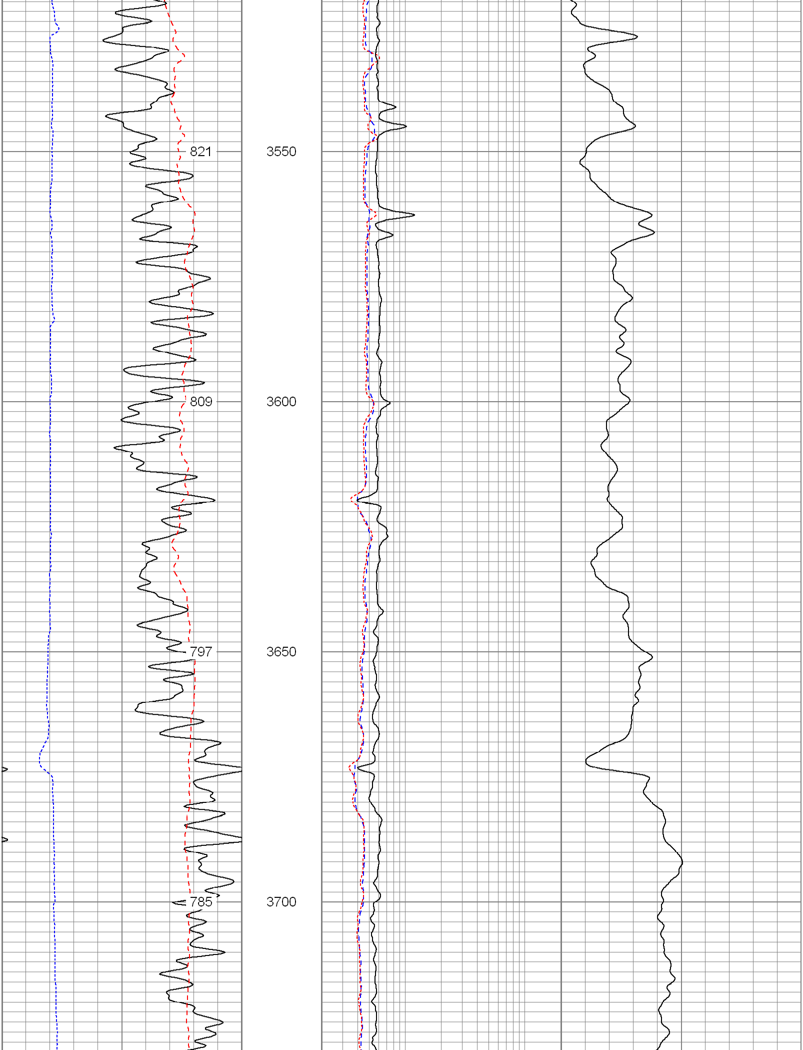
Comments

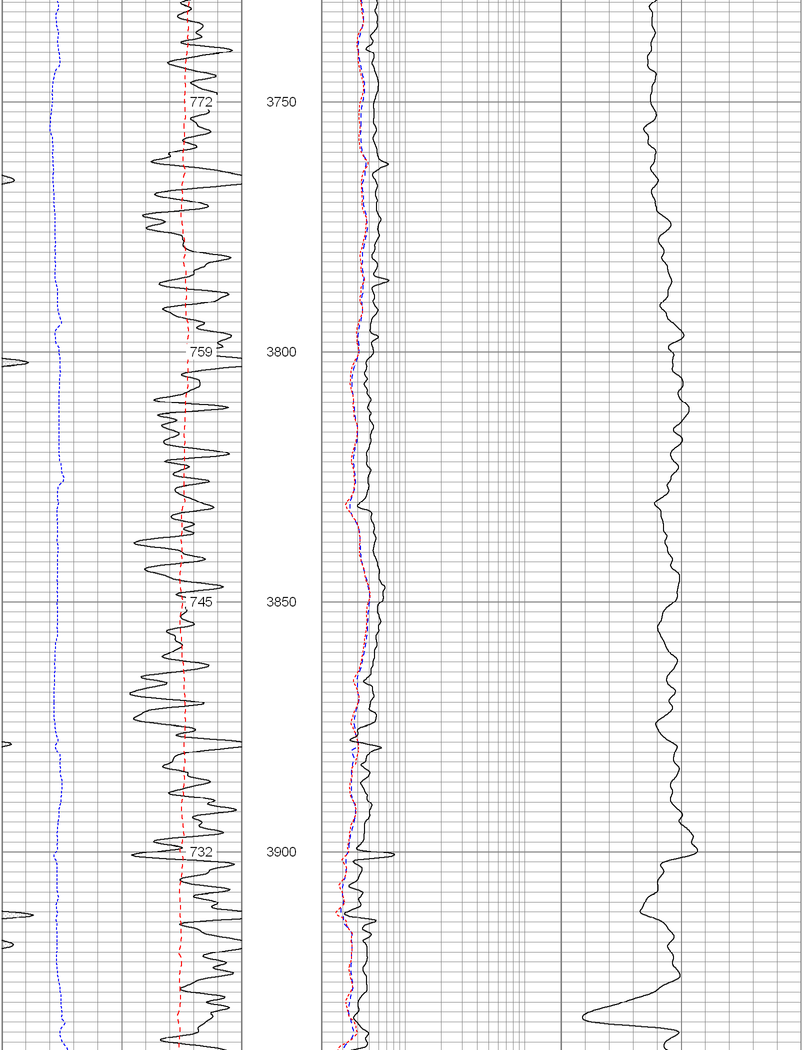
Annular volume calculated for 4.5" casing
Mid Continent Rig 1
Thank you for using Phoenix Surveys!!
API #: 05-123-25829-00
No Repeat Due To Hole Conditions

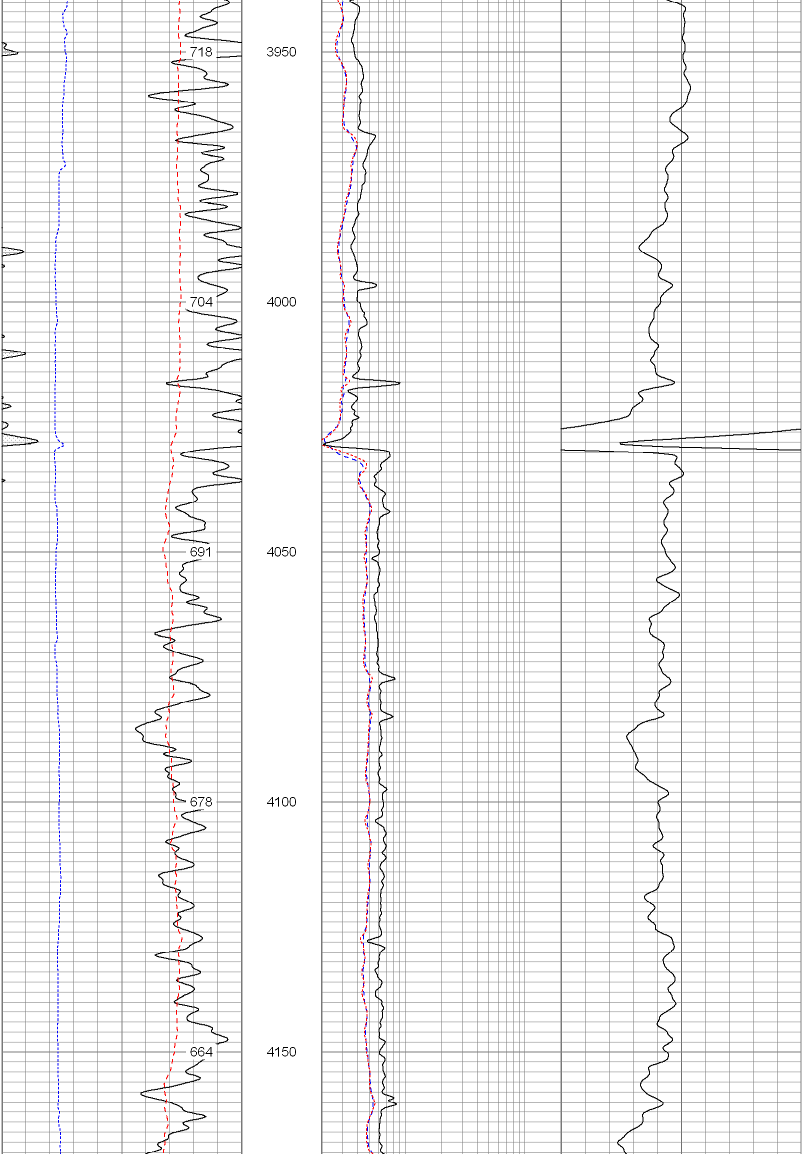
Database File: 9218.db
Dataset Pathname: pass2
Presentation Format: pdc1
Dataset Creation: Sat Oct 04 11:22:36 2008 by Log Open-Cased 070814
Charted by: Depth in Feet scaled 1:240

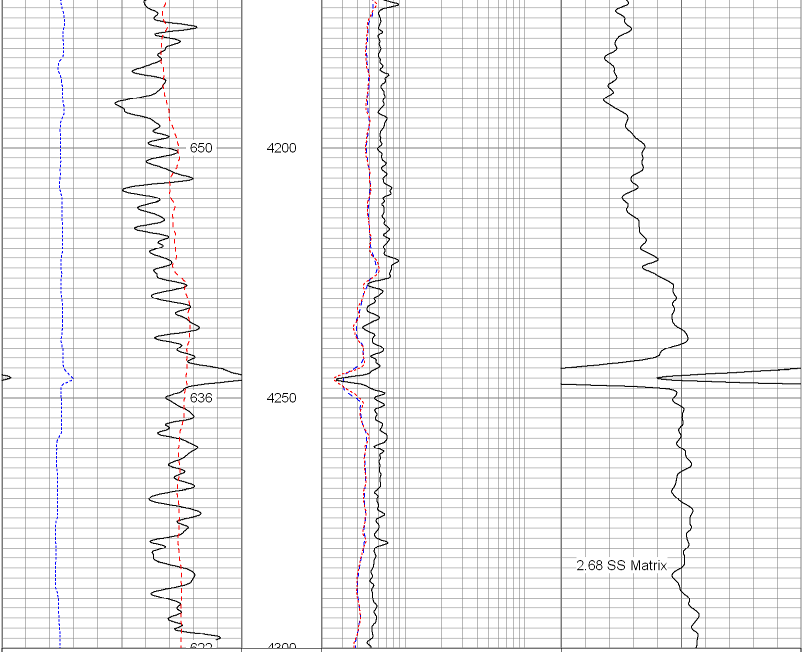






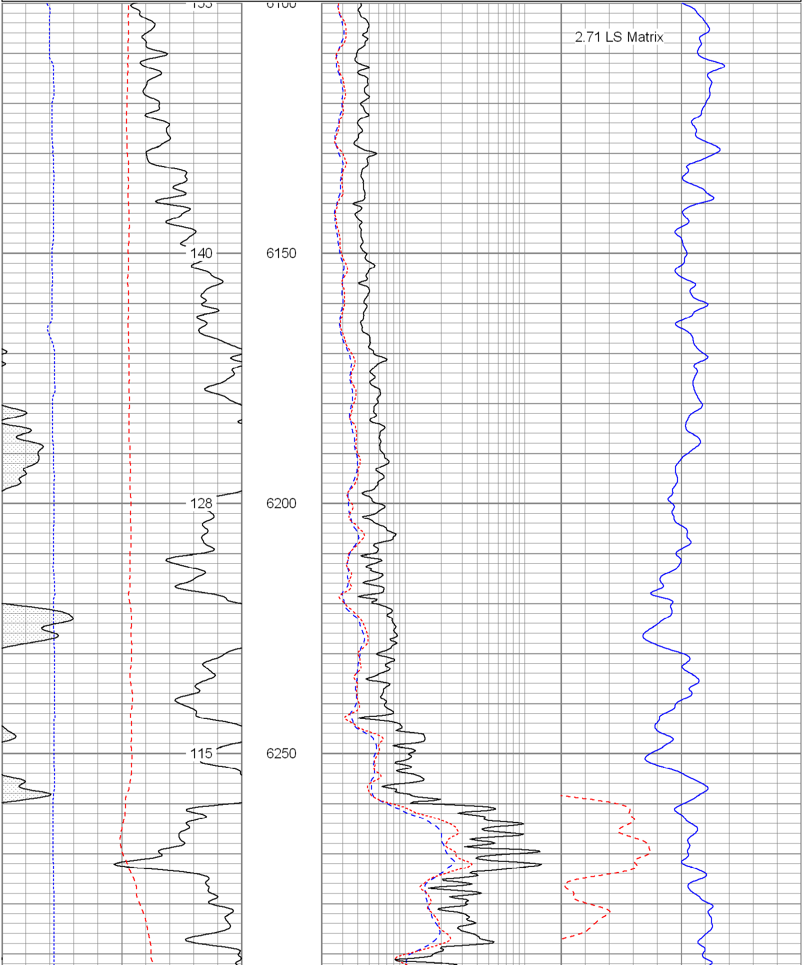
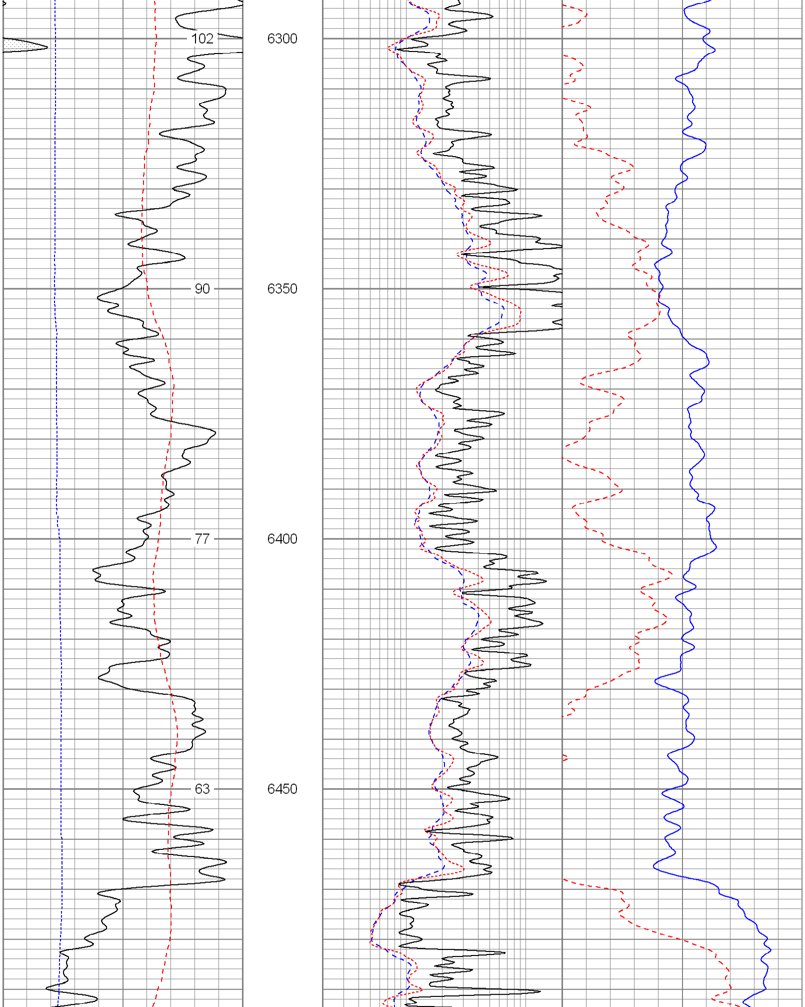
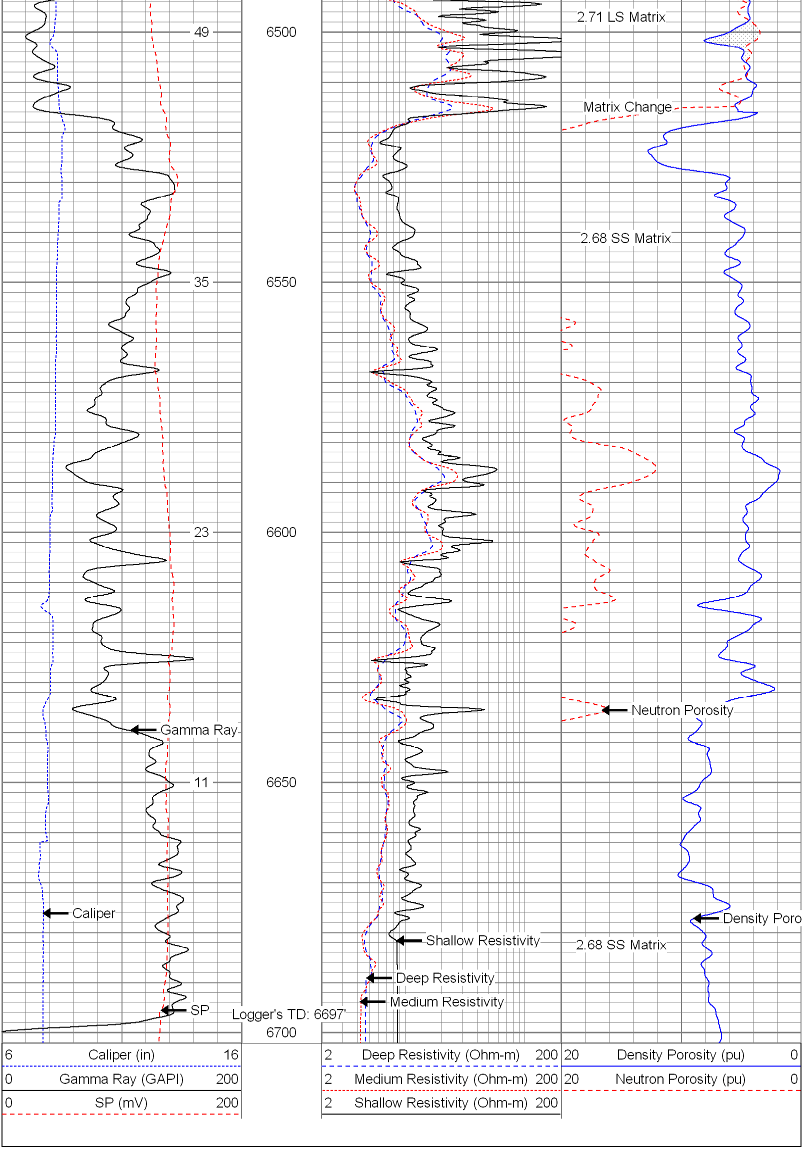






6 Density Caliper (in) 16	2 Deep Resistivity (Ohm-m) 200	20 Density Porosity (pu) 0
30 Gamma Ray (GAPI) 130	2 Medium Resistivity (Ohm-m) 200	20 Neutron Porosity (pu) 0
20 SP (mV) 120	2 Shallow Resistivity (Ohm-m) 200	
ABHV (ft3)		

Database File:	9218.db
Dataset Pathname:	pass2.3
Presentation Format:	pdc
Dataset Creation:	Sat Oct 04 11:39:21 2008 by Calc Open-Cased 070814
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