PHOENIX SURVEYS, INC.

COMPENSATED DENSITY
COMPENSATED NEUTRON
HIGH RESOLUTION INDUCTION

Company
Well
Field
County
State/Prv

Company Unioil
Well Binder 12-10DU
Field Wattenberg
County Weld **State/Province** Colorado

Location
SHL: 1786' FNL & 359' FWL SW NW
BHL: 2171' FNL & 749' FWL SW NW
Sec 10, Twp 4N, Rge 67W

Other Services
None

Elevation
K.B. 4774
D.F. 4773
G.L. 4760

Permanent Datum	GL	Elevation	4760
Log Measured From	KB		
Drilling Measured From	KB		

Date	January 3, 2011		
Run Number	1		
Depth Driller	7360		
Depth Logger	7359		
Bottom Logged Interval	7359		
Top Log Interval	Casing		
Casing Driller	469		
Casing Logger	469		
Bit Size	7-7/8"		
Type Fluid in Hole	Chem Gel		
Density / Viscosity	9.4 / 34		
pH / Fluid Loss	9.0 / 10.4		
Source of Sample	Flowline		
Rm @ Meas. Temp	2.75 @ 75 F		
Rmf @ Meas. Temp	1.50 @ 75 F		
Rmc @ Meas. Temp	3.60 @ 75 F		
Source of Rmf / Rmc	Measure / Calc		
Rm @ BHT	1.01 @ 205 F		
Time Circulation Stopped	0015		
Time Logger on Bottom	0645		
Maximum Recorded Temperature	205 F		
Equipment Number	52		
Location	Brighton, CO		
Recorded By	Randy Conley		
Witnessed By	Frank Holubec		

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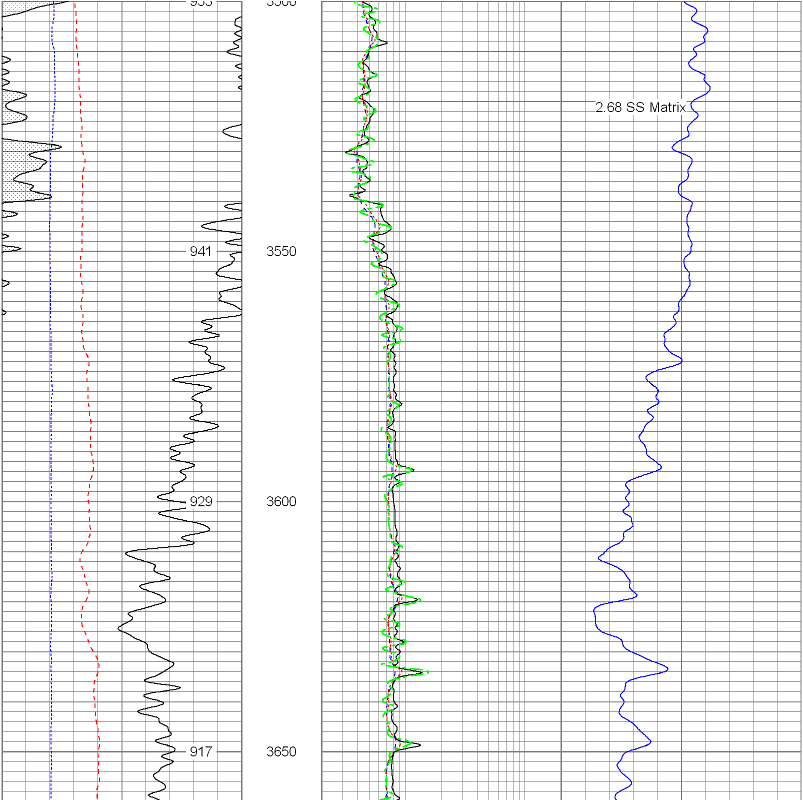
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

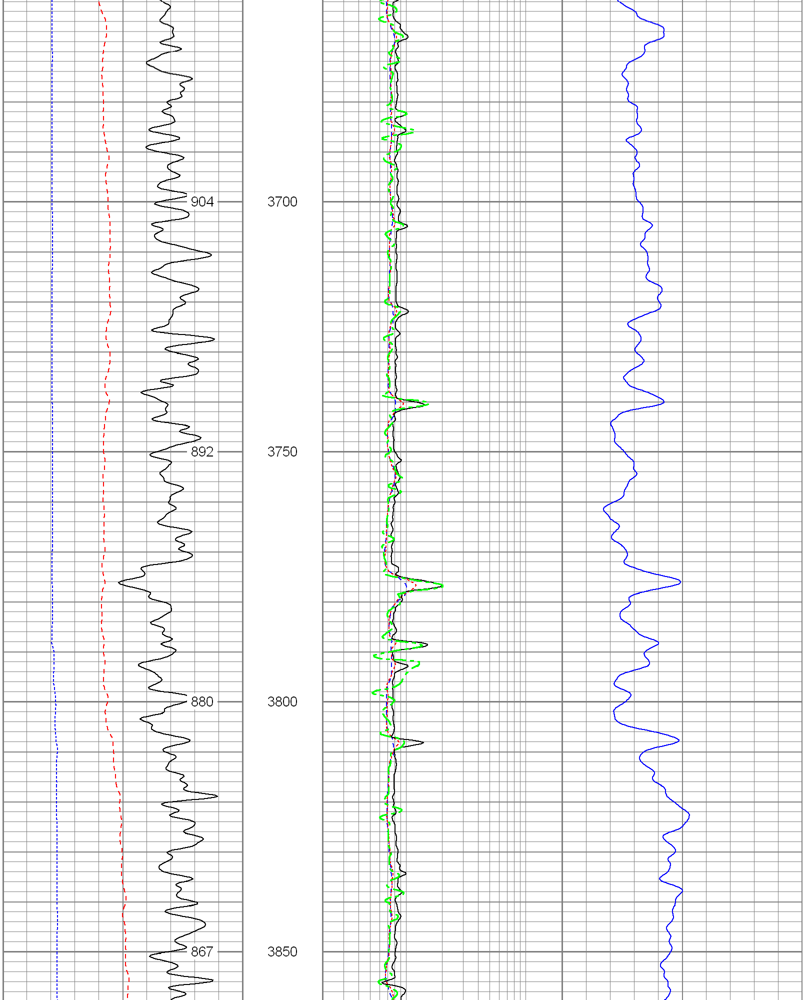
Comments

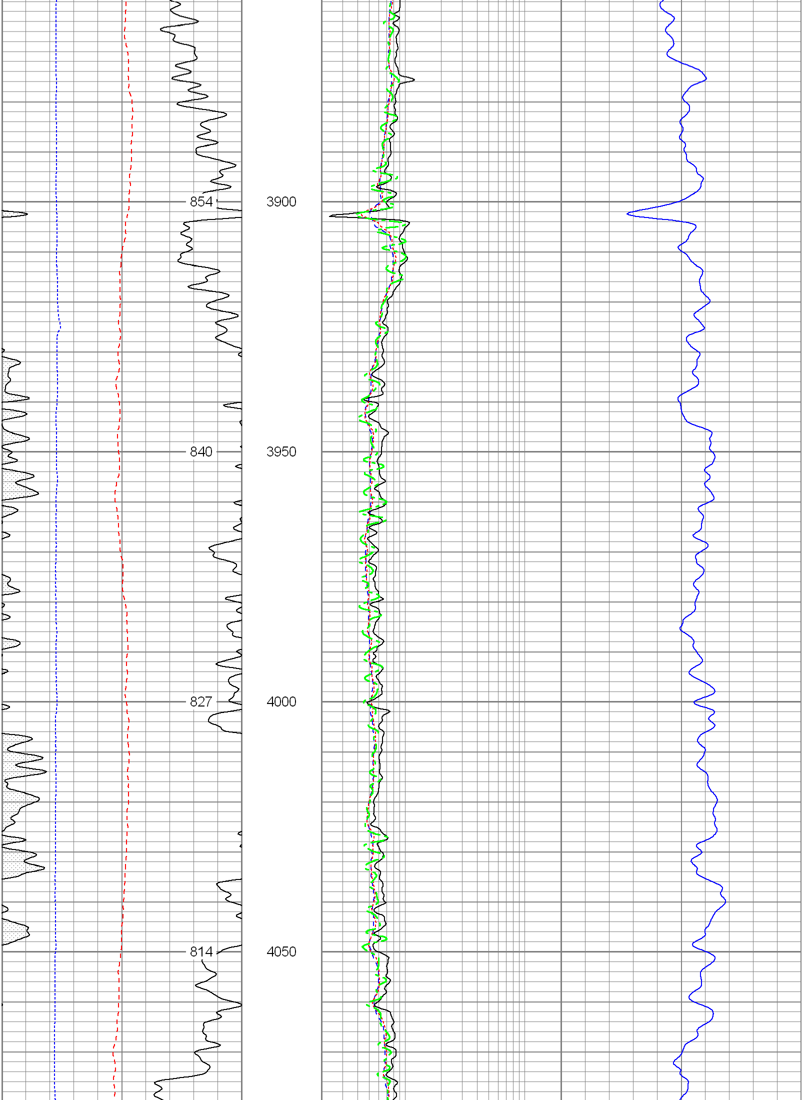
Annular volume calculated for 4.5" casing
Ensign Drilling Rig 32
Thank you for using Phoenix Surveys.
API #: 05-123-31519-00

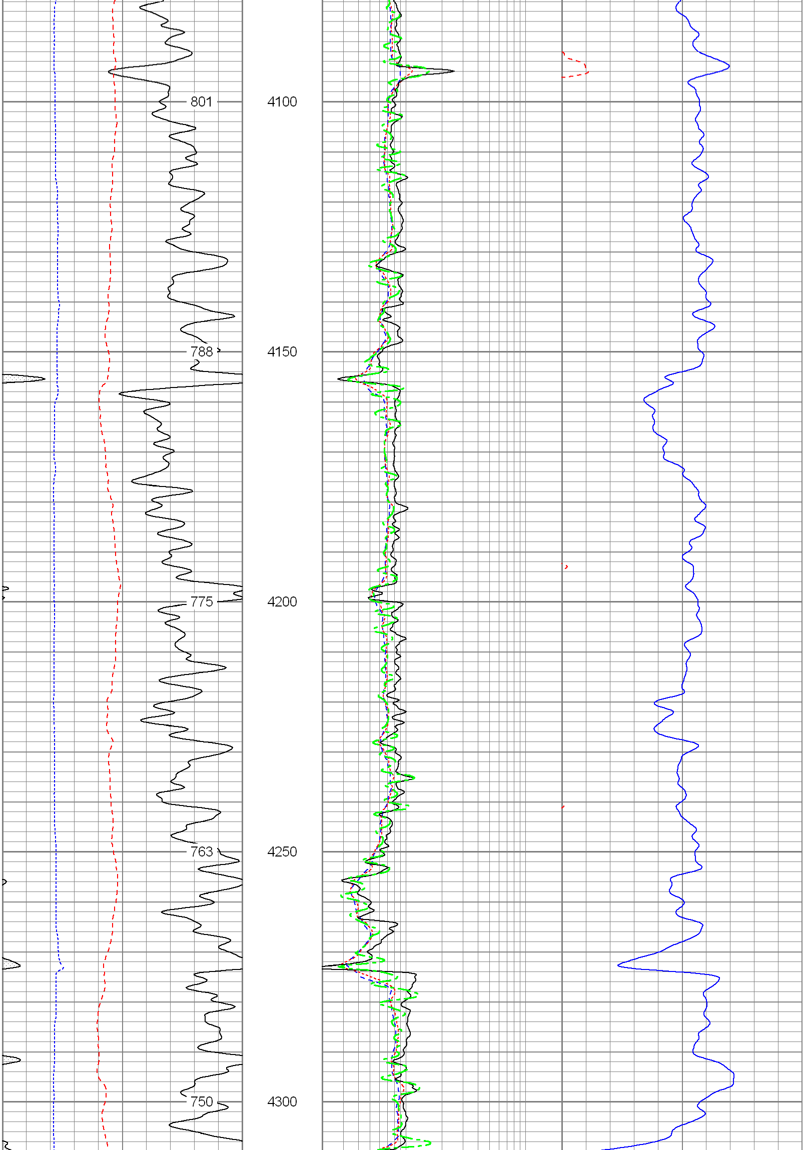
Database File: 11377.db
Dataset Pathname: pass3
Presentation Format: pdc1
Dataset Creation: Mon Jan 03 06:58:52 2011 by Log Open-Cased 100827
Charted by: Depth in Feet scaled 1:240

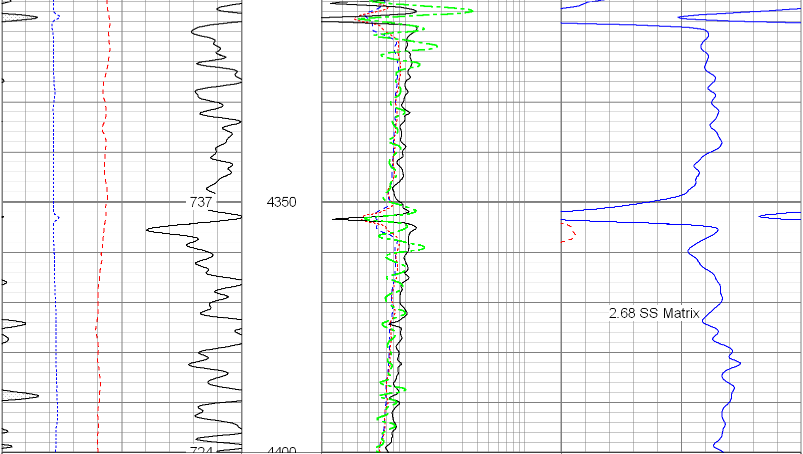
6	Density Caliper (in)	16
30	Gamma Ray (GAPI)	130
100	SP (mV)	200
	ABHV (ft3)	
2	Deep Resistivity (Ohm-m)	200
2	Medium Resistivity (Ohm-m)	200
2	Shallow Resistivity (Ohm-m)	200
2	Rt (Ohm-m)	200
20	Density Porosity (pu)	0
20	Neutron Porosity (pu)	0











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
100 SP (mV) 200	2 Shallow Resistivity (Ohm-m) 200	
ABHV (ft3)	2 Rt (Ohm-m) 200	

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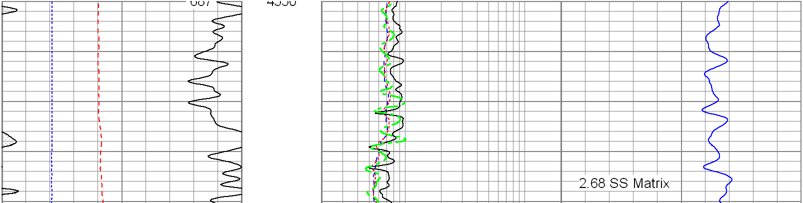

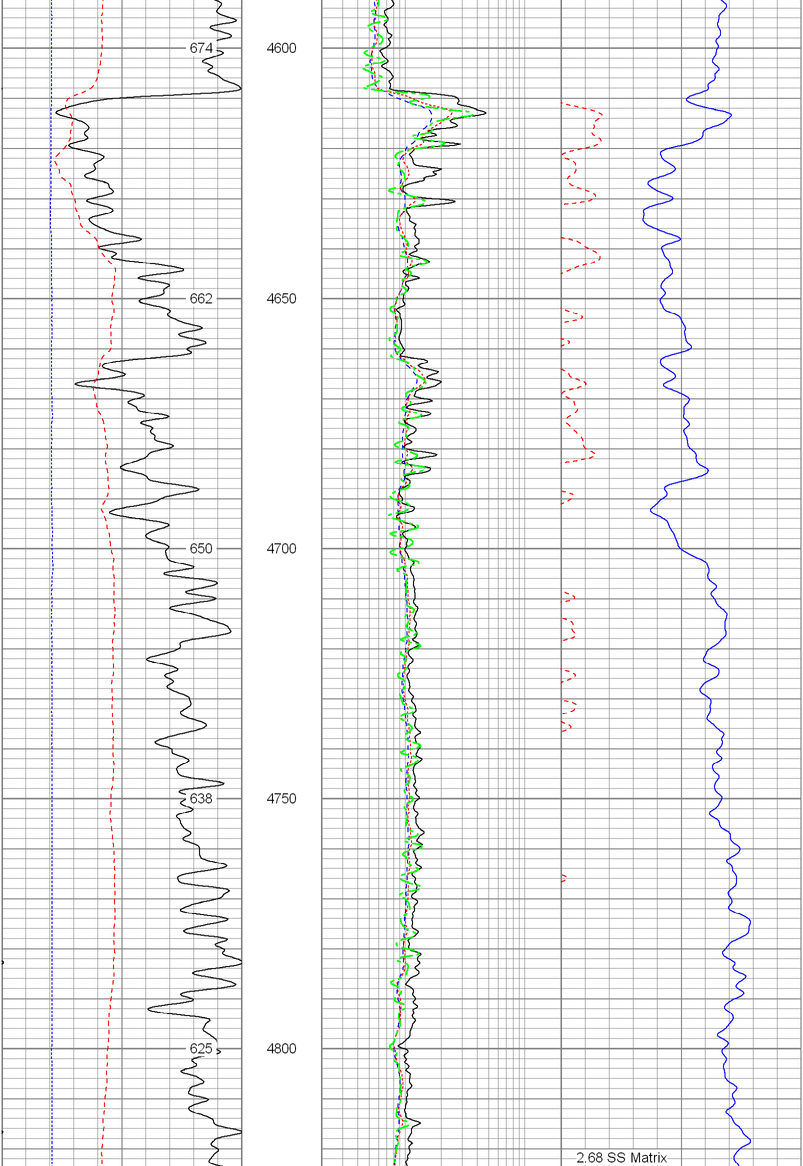

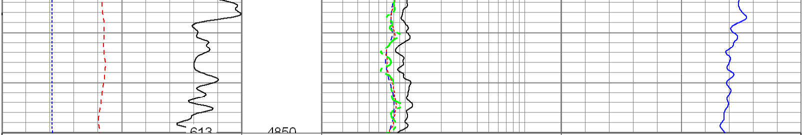

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100	SP (mV)	200
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2	Deep Resistivity (Ohm-m)	200
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20	Density Porosity (pu)	0
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Dataset Pathname:	pass3
Presentation Format:	pdc
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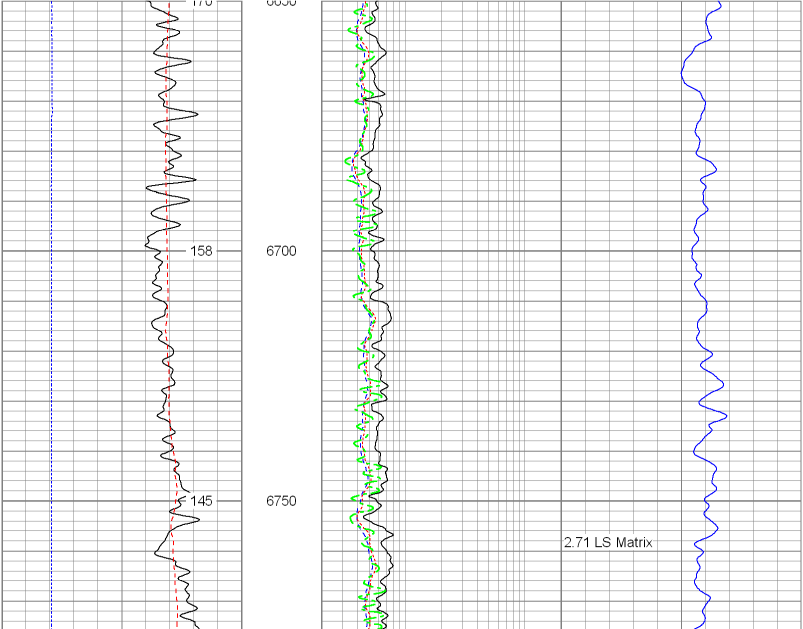
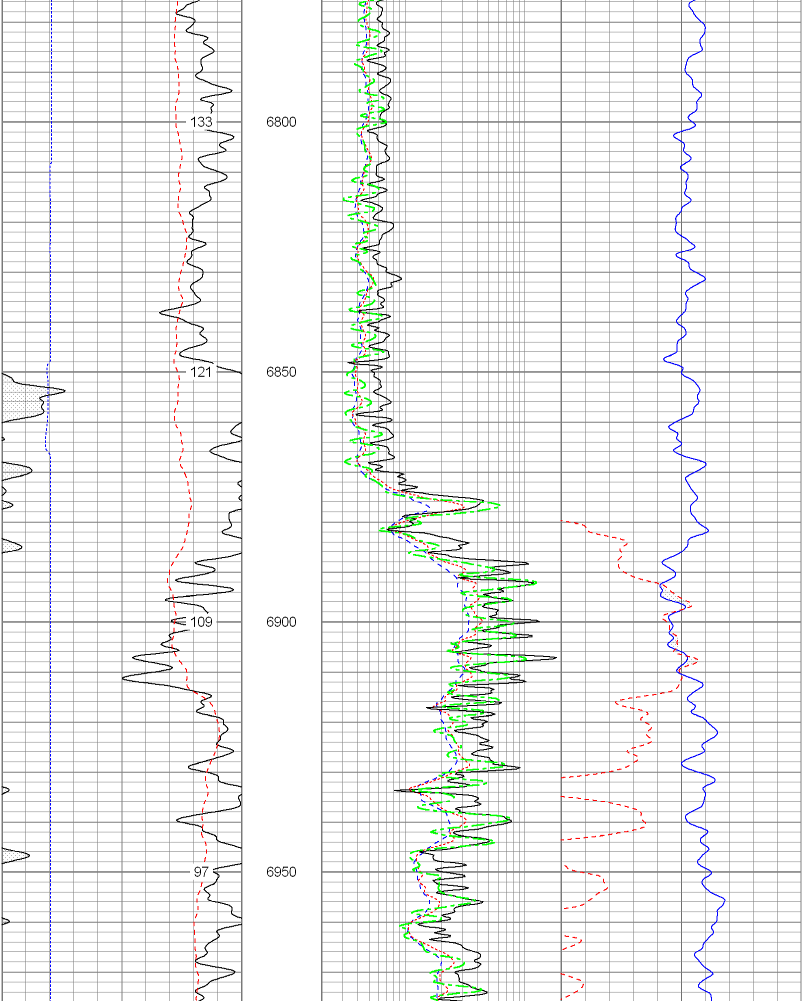
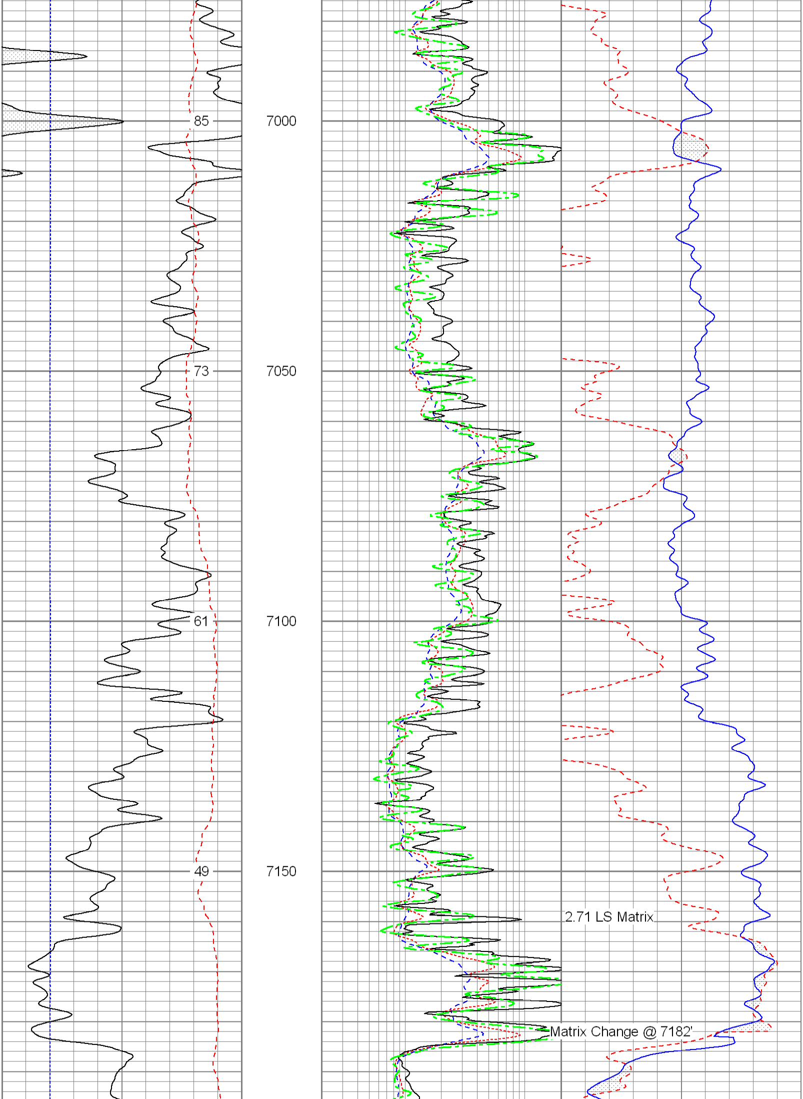
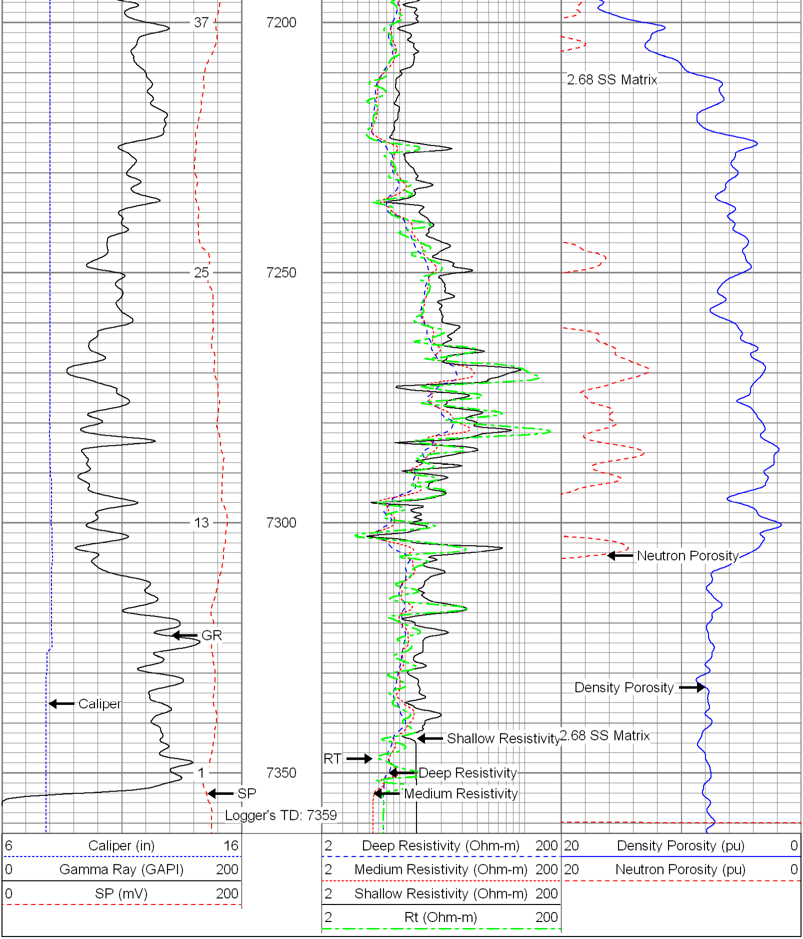
Charted by:	Depth in Feet scaled 1:240

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
2	Rt (Ohm-m)	200

20	Density Porosity (pu)	0
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