PHOENIX SURVEYS, INC.

HIGH RESOLUTION INDUCTION
COMPENSATED DENSITY
COMPENSATED NEUTRON

Company
Well
Field
County
State/Prv

Company	**Synergy Resources Corporation**
Well	**Margil 34 A**
Field	**Wattenberg**
County	**Weld**
State/Province	**Colorado**

Location
SHL: 1304' FNL & 1221' FWL
SW NE
Sec - 34, Twp - 4N, Rge - 68W

Other Services
None

Permanent Datum	GL	Elevation	5105
Log Measured From	KB		
Drilling Measured From	KB		

Elevation
K.B. 5117
D.F. 5116
G.L. 5105

Date	August 24, 2011		
Run Number	1		
Depth Driller	8065		
Depth Logger	8020		
Bottom Logged Interval	8020		
Top Log Interval	Casing		
Casing Driller	687		
Casing Logger	687		
Bit Size	7-7/8"		
Type Fluid in Hole	Chem Gel		
Density / Viscosity	8.8 / 65		
pH / Fluid Loss	8.0 / 8.2		
Source of Sample	Flowline		
Rm @ Meas. Temp	3.35 @ 90° F		
Rmf @ Meas. Temp	2.68 @ 90° F		
Rmc @ Meas. Temp	4.02 @ 90° F		
Source of Rmf / Rmc	Measure / Calc		
Rm @ BHT	1.15 @ 231° F		
Time Circulation Stopped	0745		
Time Logger on Bottom	1700		
Maximum Recorded Temperature	231° F		
Equipment Number	50		
Location	Brighton, CO		
Recorded By	Matt Gill		
Witnessed By	Mark Scanniello	Craig Donham	

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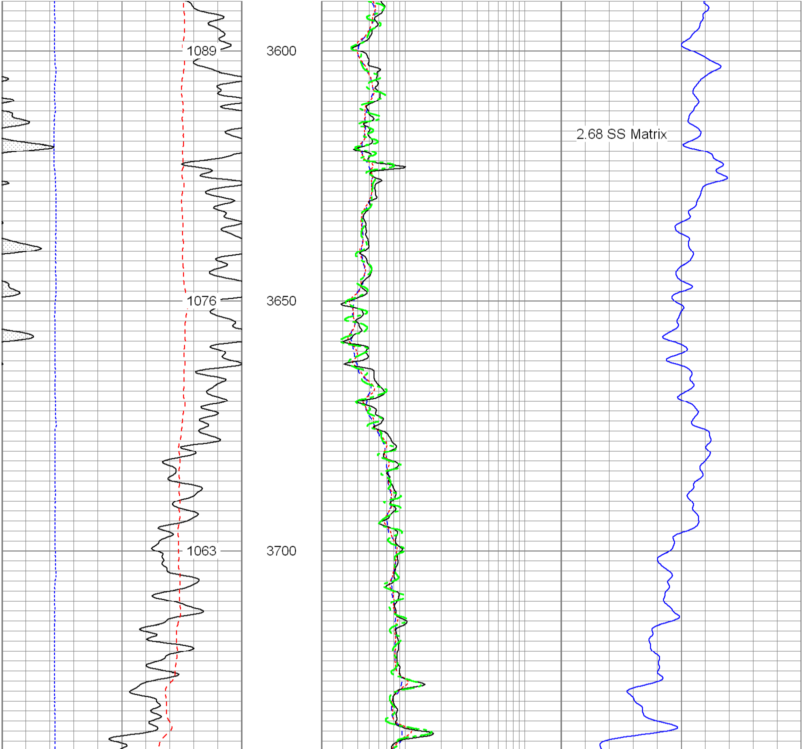
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

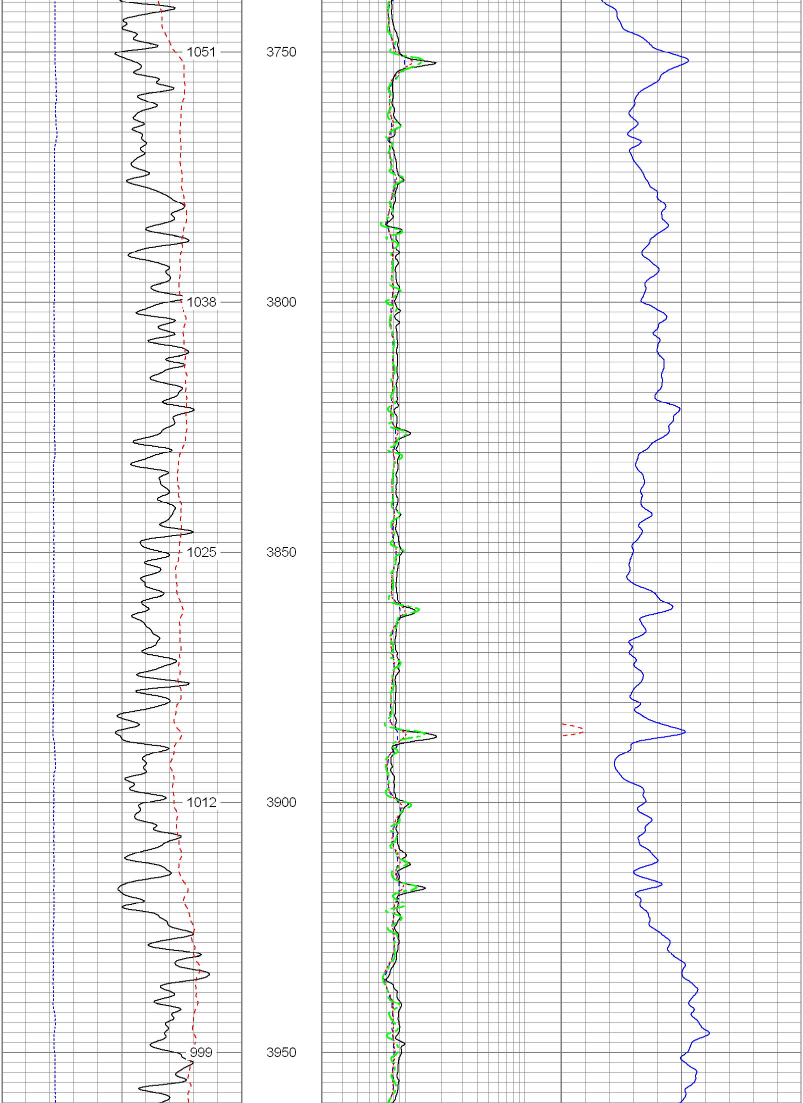
Comments

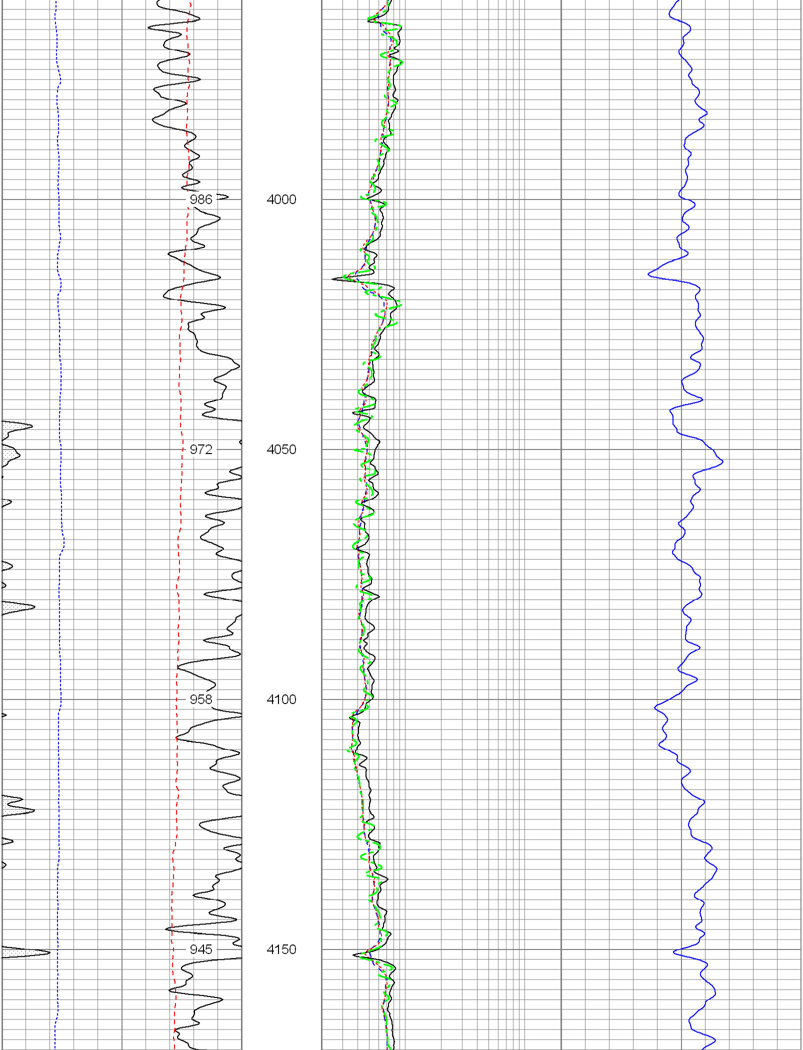
Annular volume calculated for 4-1/2" casing
Ensign Drilling Rig 33
Thank you for using Phoenix Surveys!!
API #: 05-123-33831-00

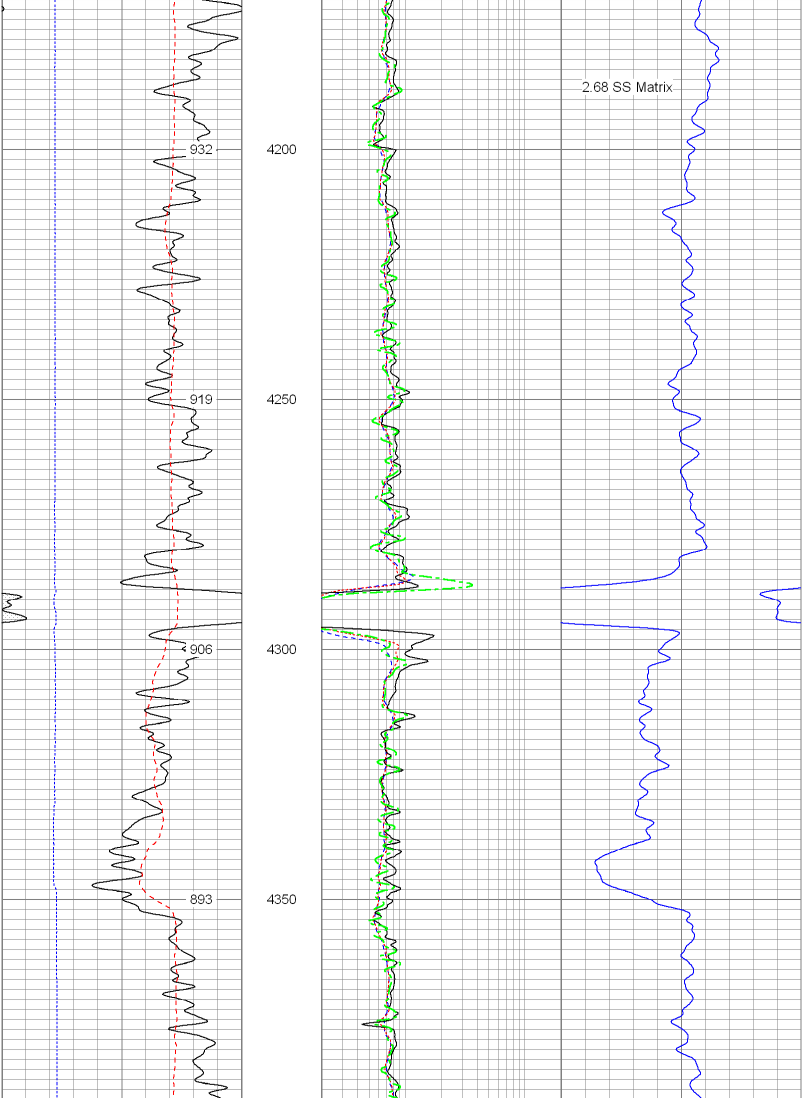
Database File:	11952.db
Dataset Pathname:	final
Presentation Format:	pdc1
Dataset Creation:	Wed Aug 24 17:57:10 2011
Charted by:	Depth in Feet scaled 1:240

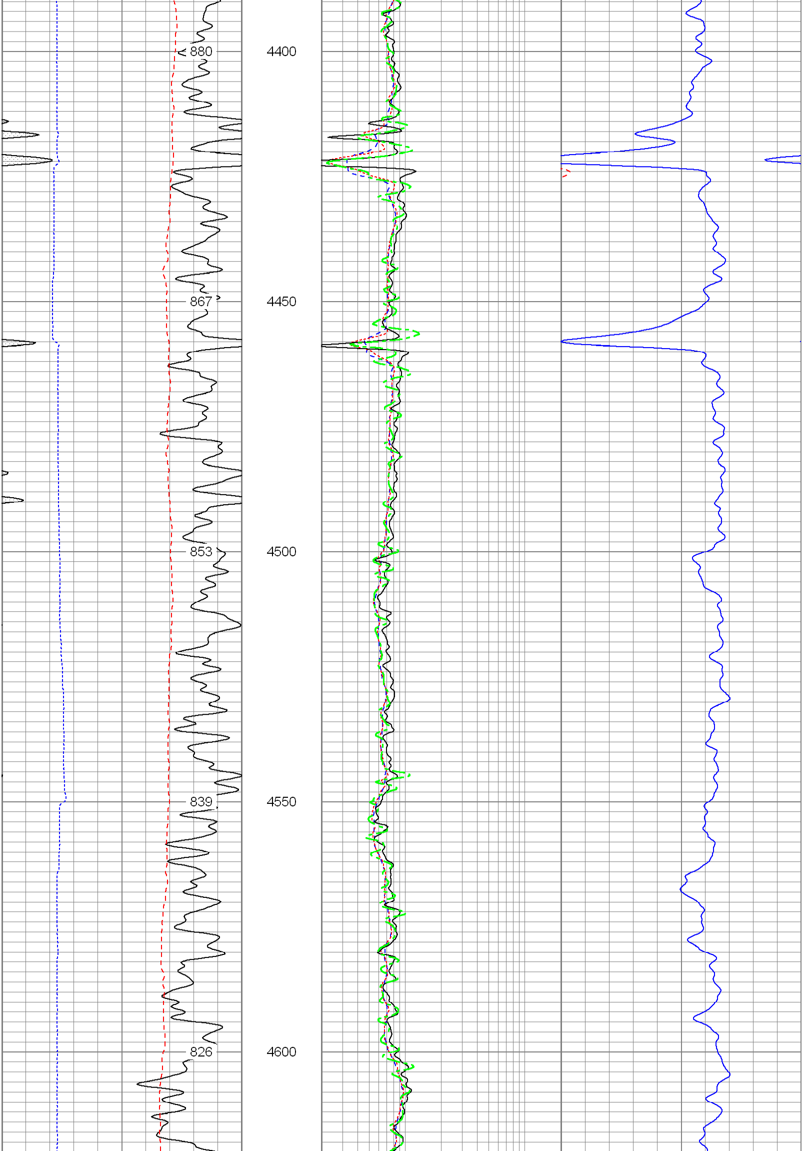
Left	Curve	Right
6	Density Caliper (in)	16
30	Gamma Ray (GAPI)	130
90	SP (mV)	190
	ABHV (ft3)	
2	Deep Resistivity (Ohm-m)	200
2	Medium Resistivity (Ohm-m)	200
2	Shallow Resistivity (Ohm-m)	200
2	Rt (Ohm-m)	200
20	Density Porosity (pu)	0
20	Neutron Porosity (pu)	0

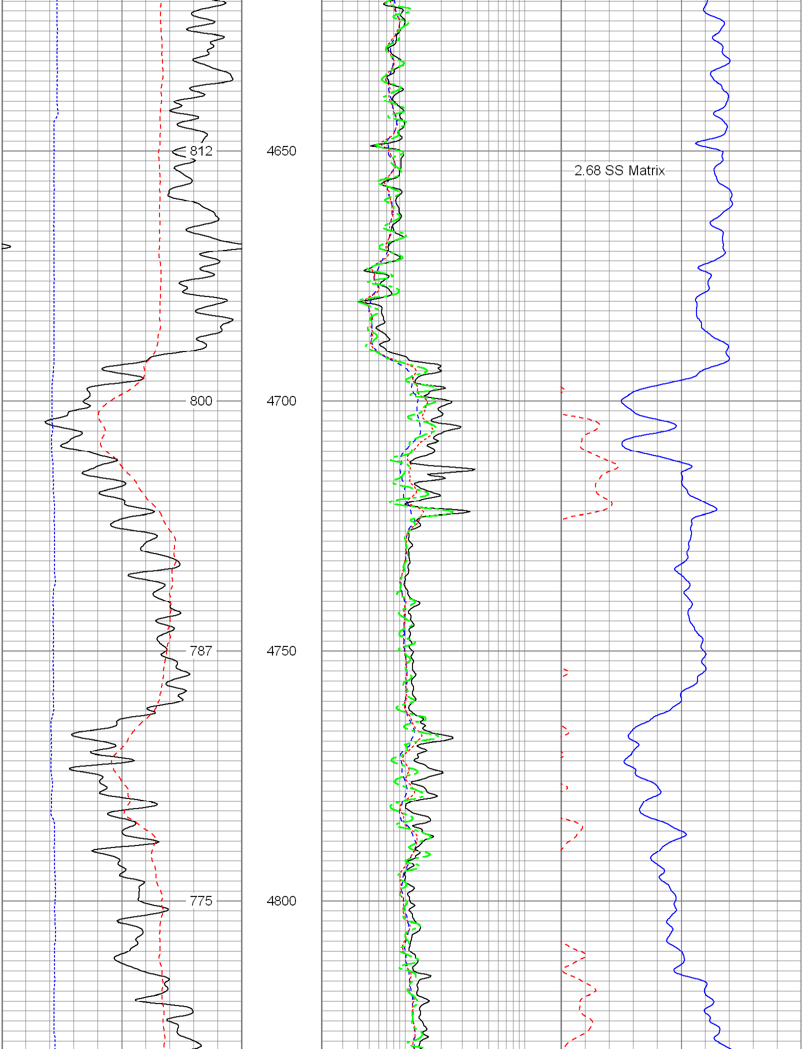


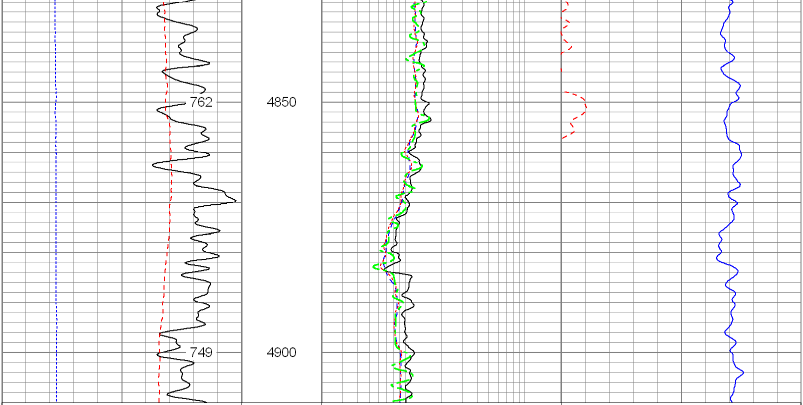












6 Density Caliper (in) 16	2 Deep Resistivity (Ohm-m) 200	20 Density Porosity (pu) 0
30 Gamma Ray (GAPI) 130	2 Medium Resistivity (Ohm-m) 200	20 Neutron Porosity (pu) 0
90 SP (mV) 190	2 Shallow Resistivity (Ohm-m) 200	
ABHV (ft3)	2 Rt (Ohm-m) 200	

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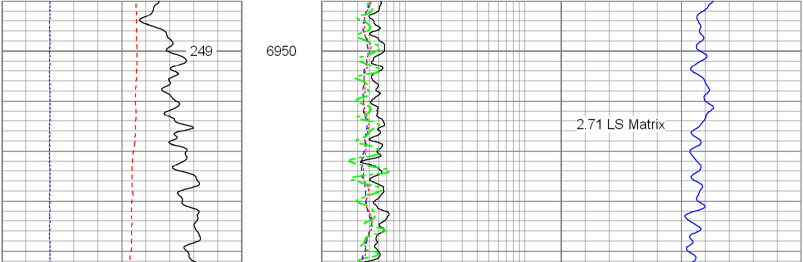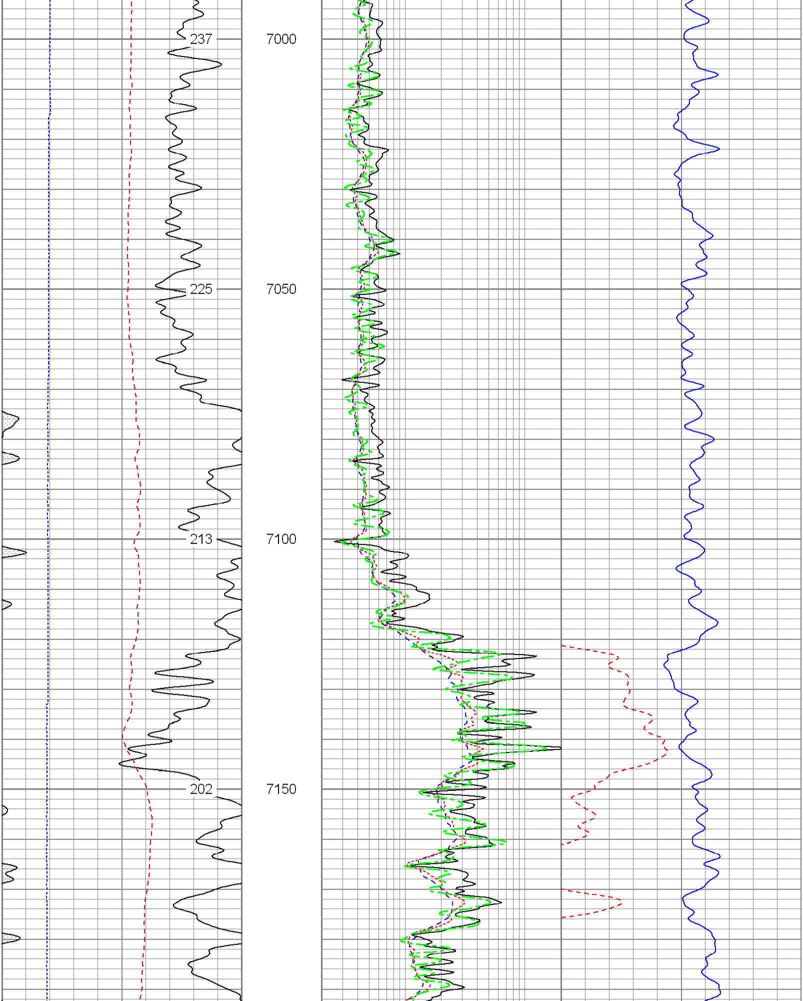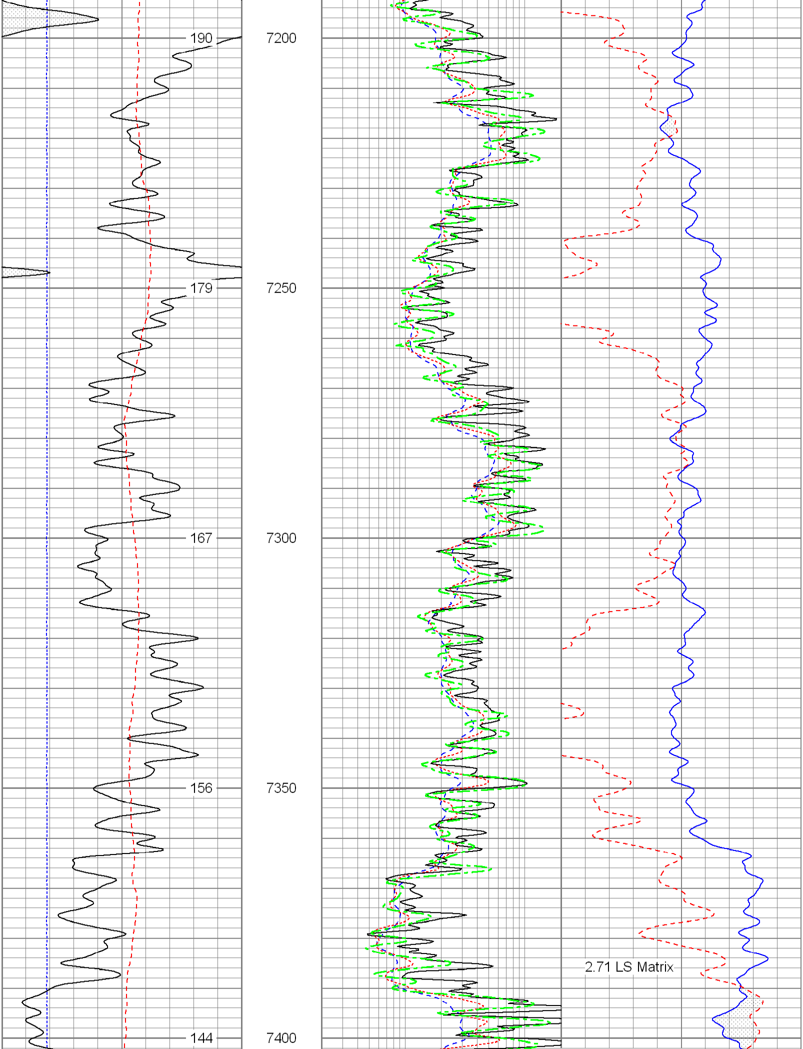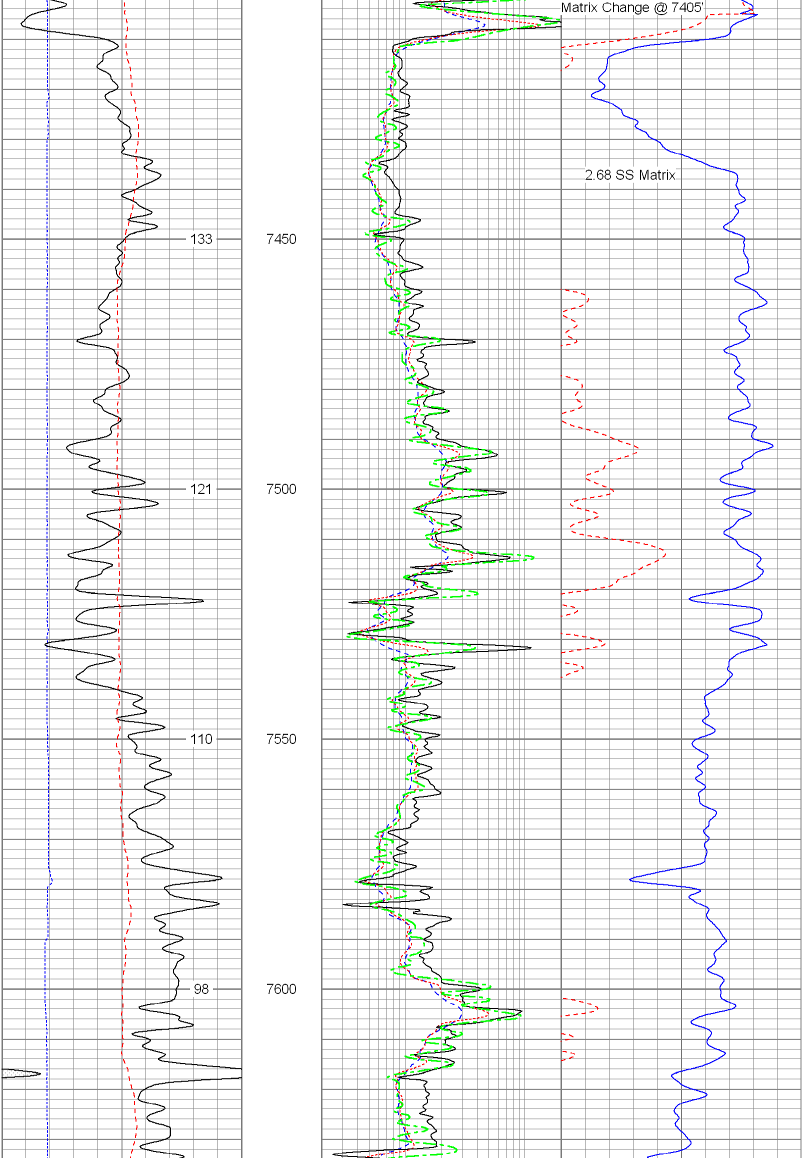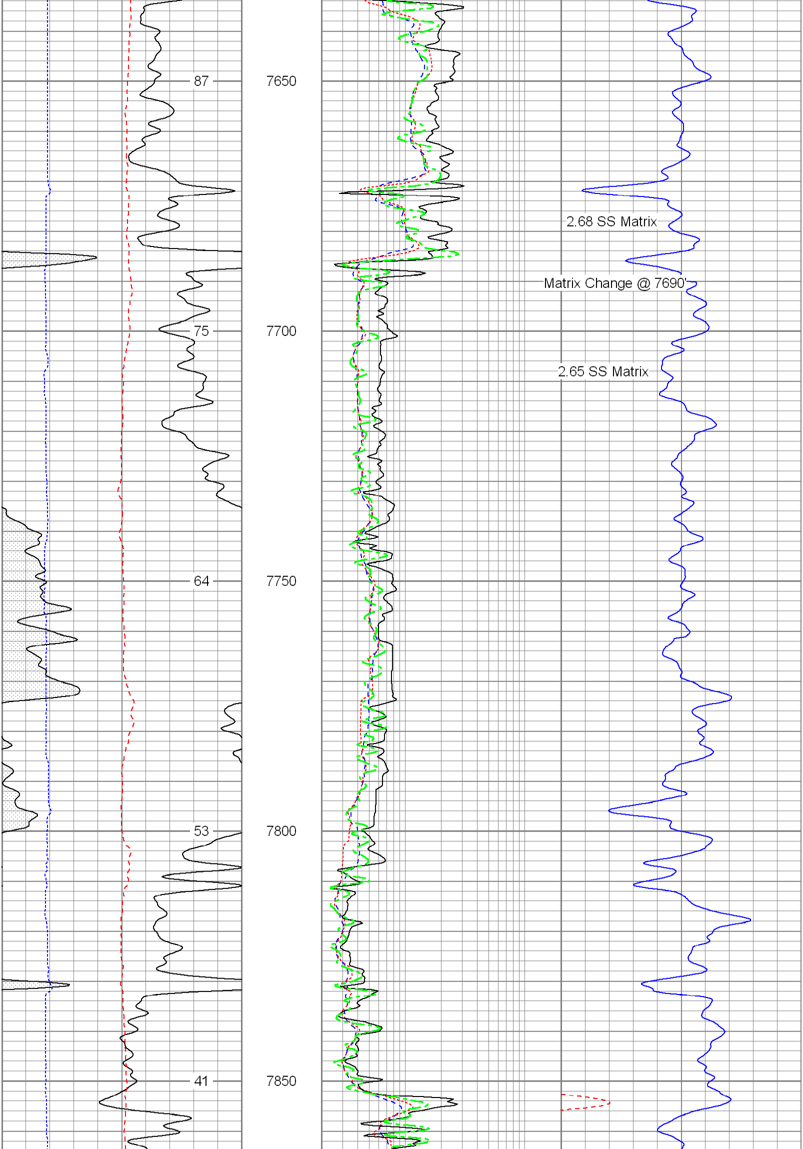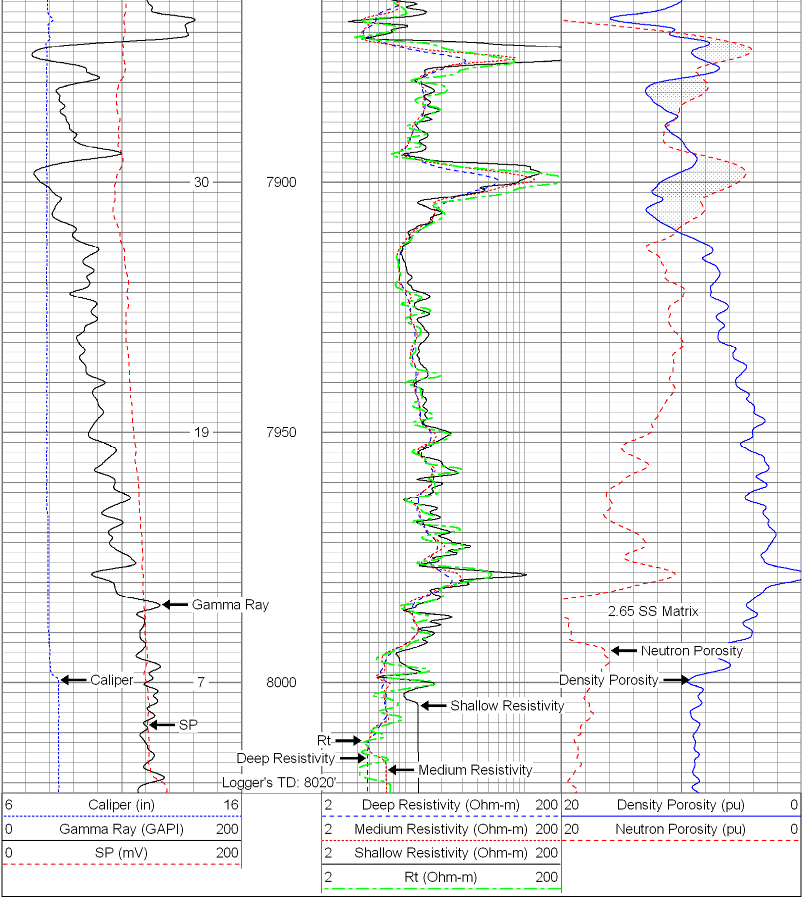6 Caliper (in) 16	2 Deep Resistivity (Ohm-m) 200	20 Density Porosity (pu) 0
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