PHOENIX SURVEYS, INC.

COMPENSATED DENSITY
COMPENSATED NEUTRON
DUAL INDUCTION

Company
Well
Field
County
State/Prv

Company **Bonanza Creek Operating Co. LLC**
Well **Gutterson 43-9**
Field **Wattenberg**
County **Weld** State/Province **Colorado**

Location
1915' FSL & 652' FEL
NE SE
Sec - 9, Twp - 4N, Rge - 63W

Other Services
None

Elevation
K.B. 4693
D.F. 4692
G.L. 4681

Permanent Datum	GL	Elevation	4681
Log Measured From	KB		
Drilling Measured From	KB		

Date	July 6, 2008		
Run Number	1		
Depth Driller	7235		
Depth Logger	7222		
Bottom Logged Interval	7222		
Top Log Interval	Casing		
Casing Driller	816		
Casing Logger	816		
Bit Size	7-7/8"		
Type Fluid in Hole	Polymer Gel		
Density / Viscosity	9.3 / 60		
pH / Fluid Loss	8.5 / 10.0		
Source of Sample	Flowline		
Rm @ Meas. Temp	3.28 @ 89° F		
Rmf @ Meas. Temp	2.64 @ 89° F		
Rmc @ Meas. Temp	3.95 @ 89° F		
Source of Rmf / Rmc	Measure / Calc		
Rm @ BHT	1.14 @ 221° F		
Time Circulation Stopped	0800		
Time Logger on Bottom	1630		
Maximum Recorded Temperature	221° F		
Equipment Number	4078		
Location	Brighton, CO		
Recorded By	Eric Christensen		
Witnessed By	Kurt Dodge	Mark Scanniello	

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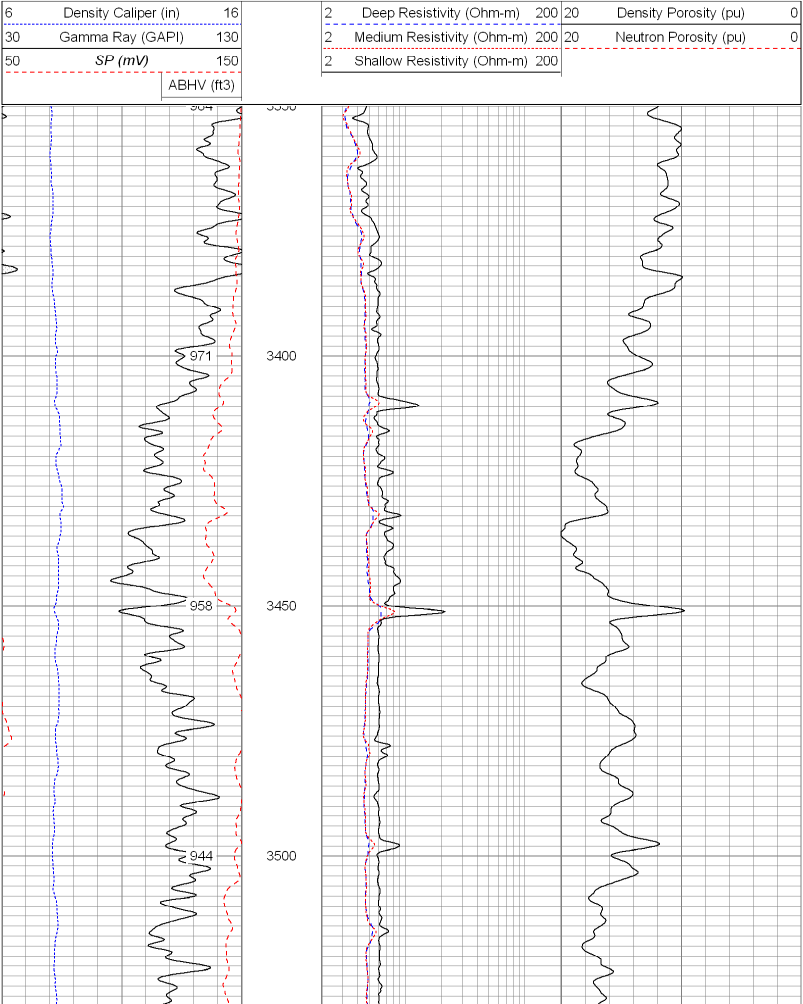
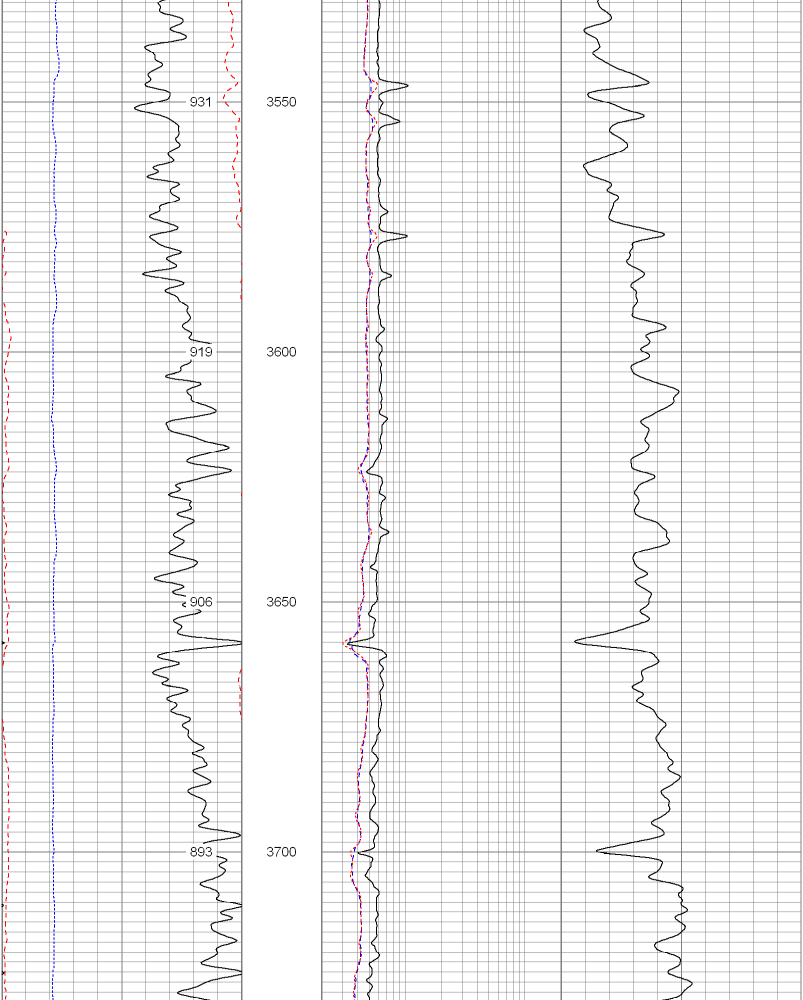
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

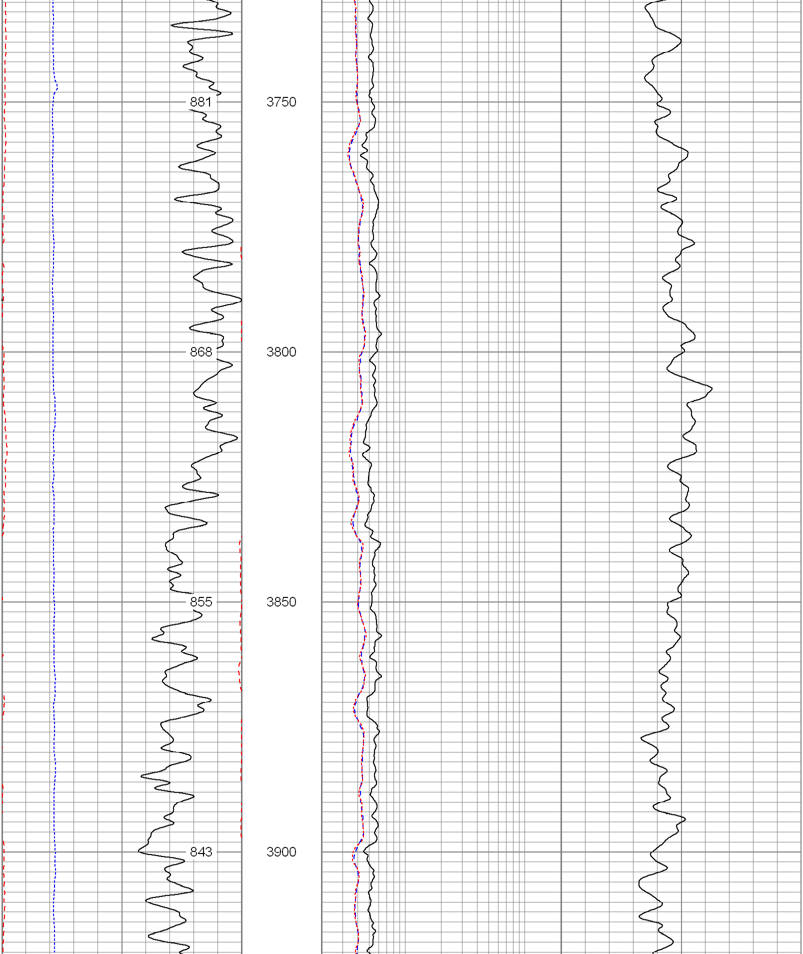
Comments

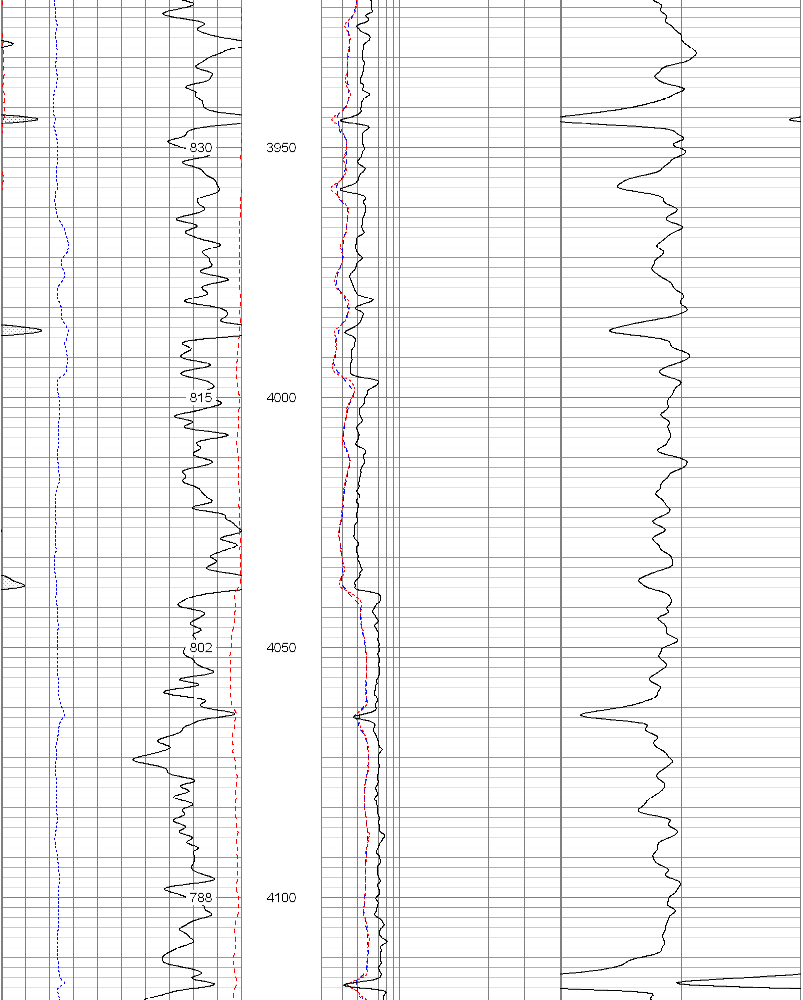
Annular volume calculated for 4.5" casing
Mid Continent Rig 1
Thank you for using Phoenix Surveys!!
API #: 05-123-25659-00

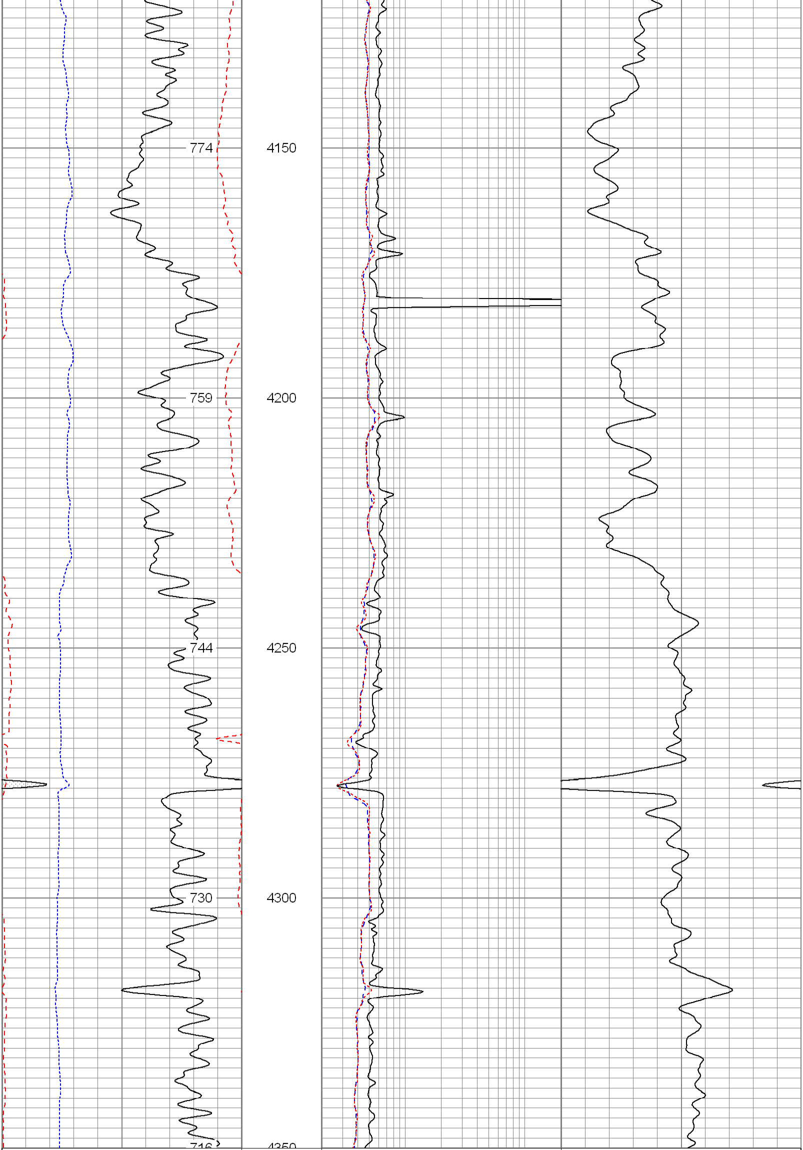
Database File:	8618.db
Dataset Pathname:	final
Presentation Format:	pdc1
Dataset Creation:	Sun Jul 06 16:53:39 2008
Charted by:	Depth in Feet scaled 1:240











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
50	*SP (mV)*	150	2	Shallow Resistivity (Ohm-m)	200			
	ABHV (ft3)							

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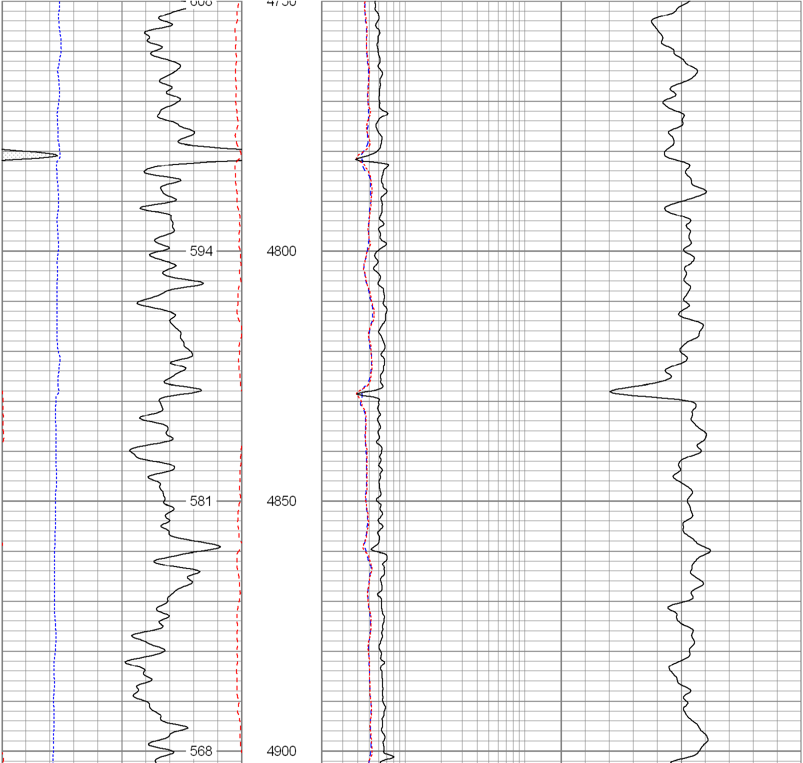

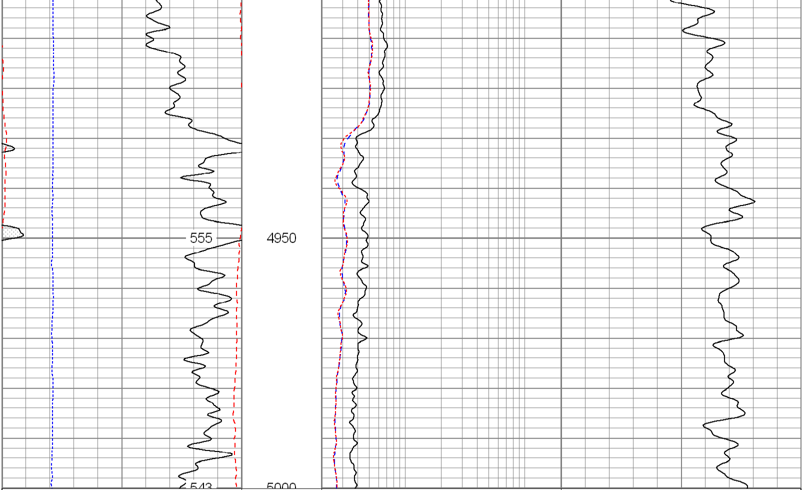

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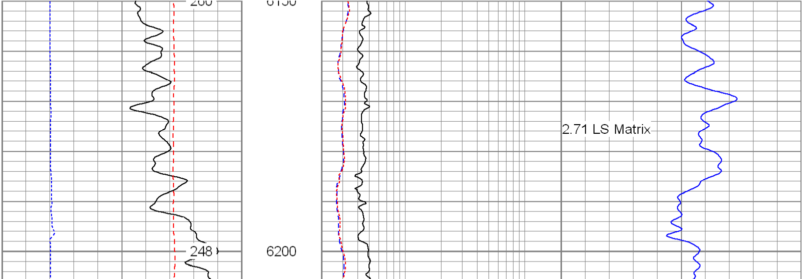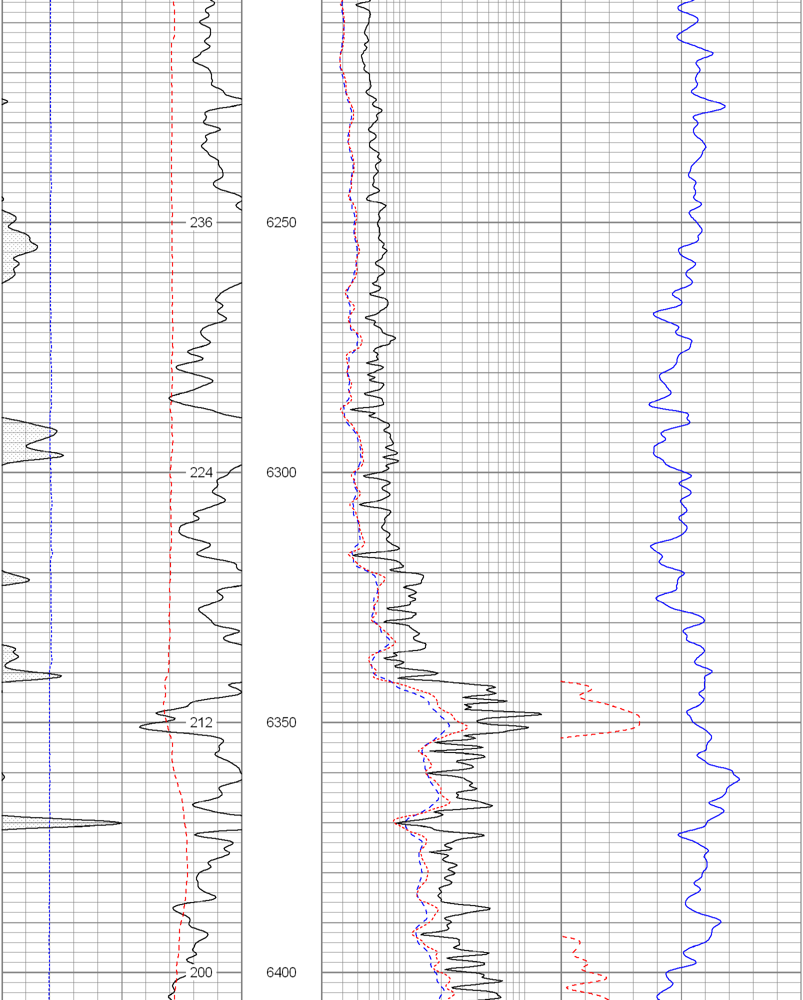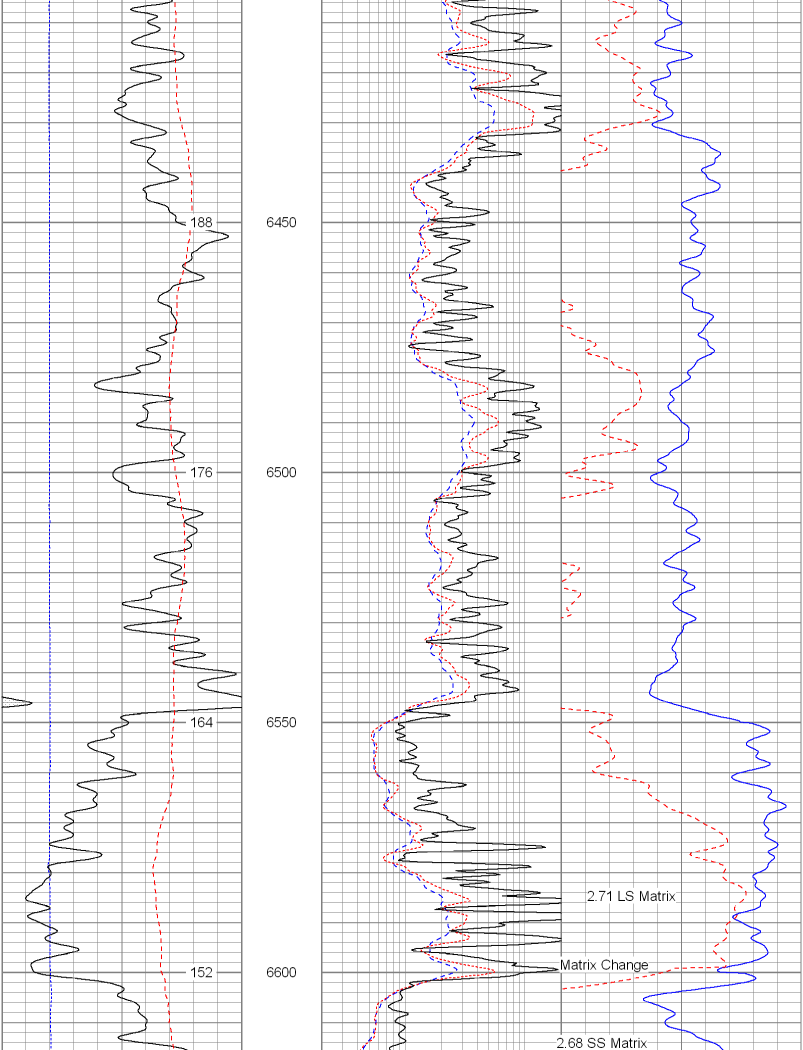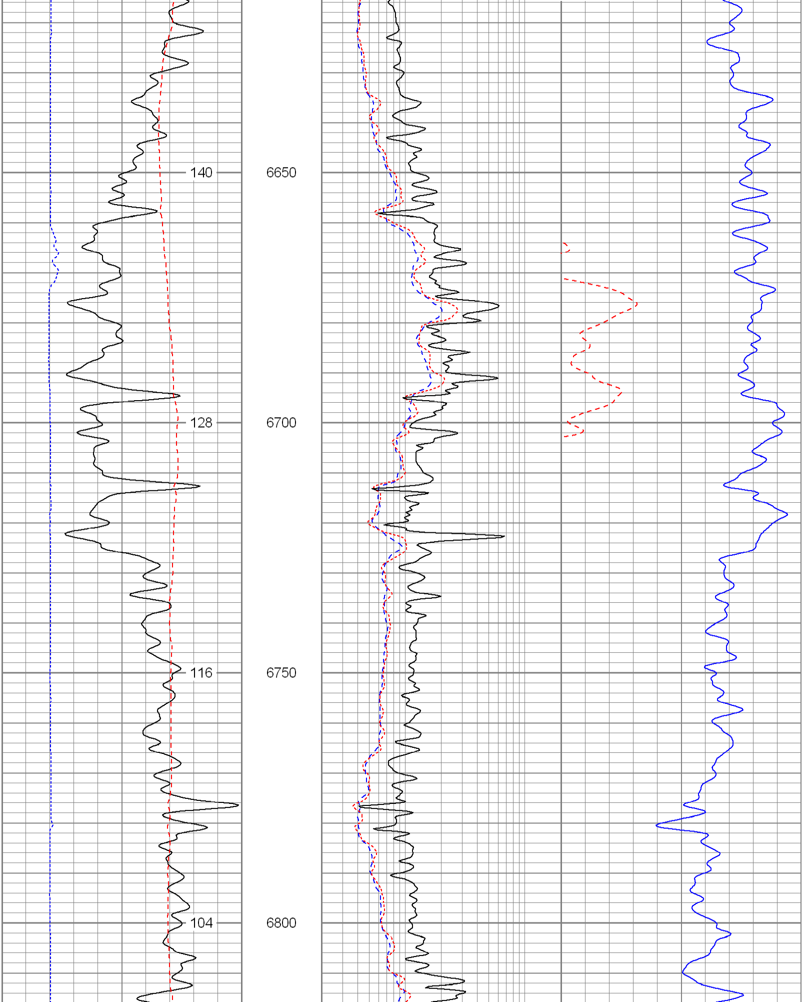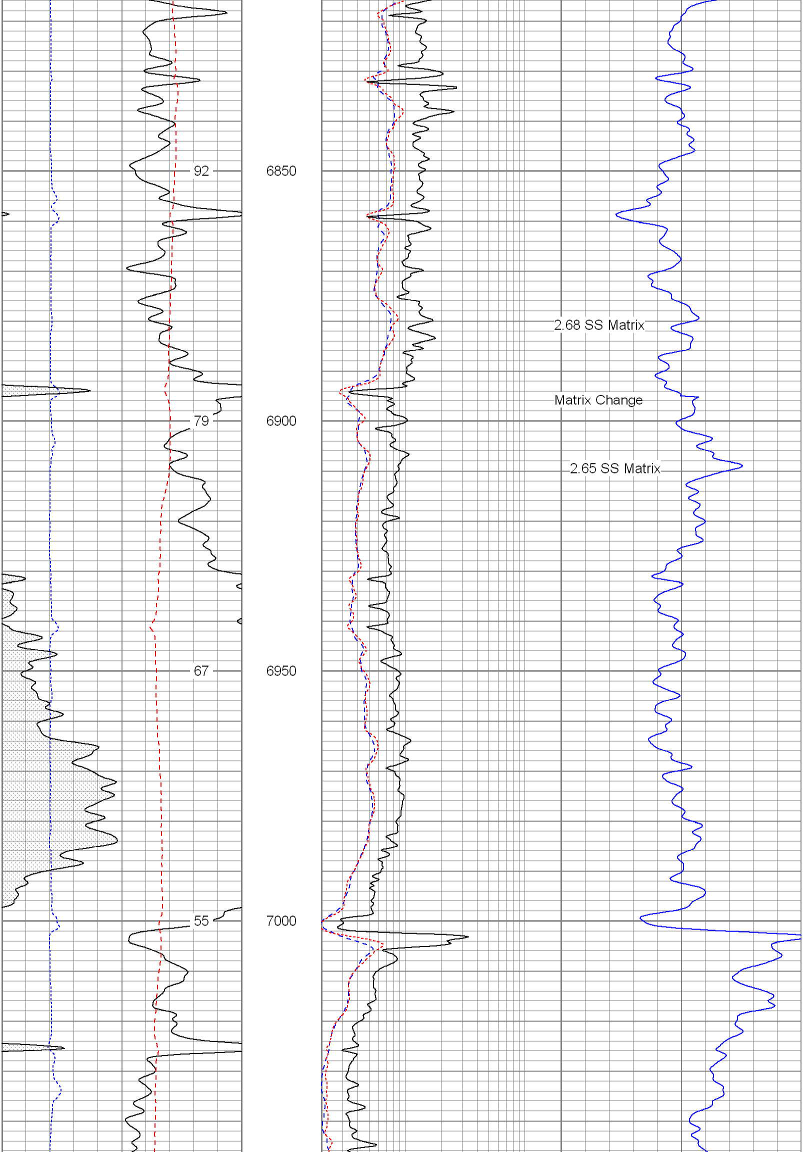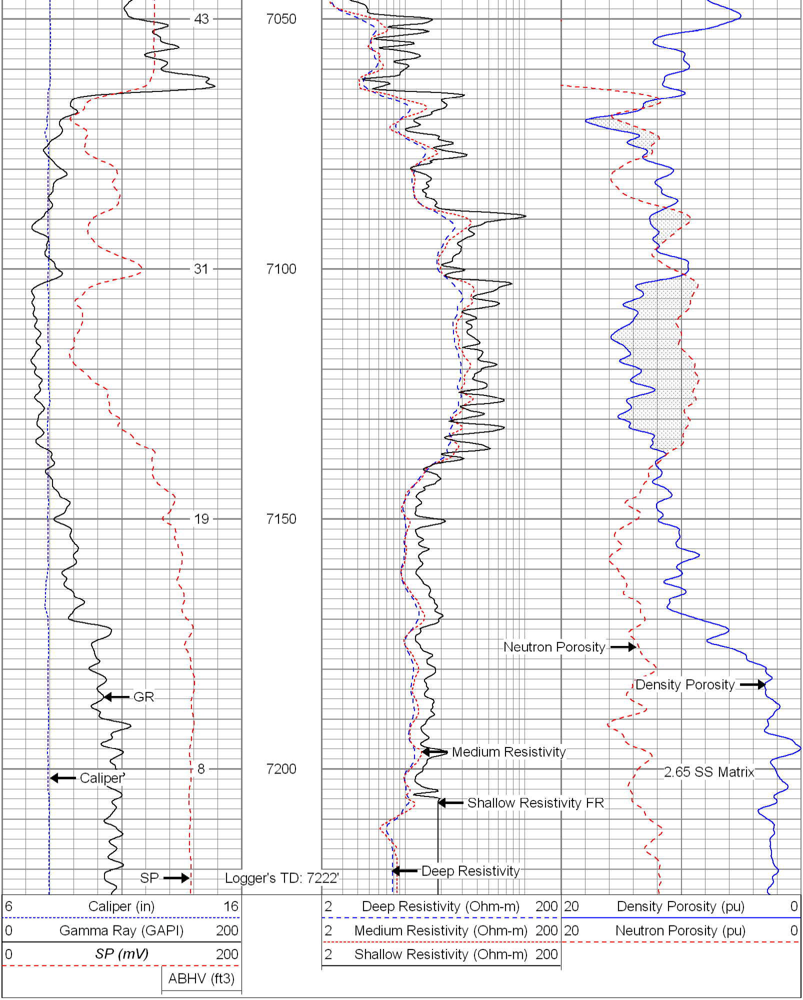20	Density Porosity (pu)	0
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