PHOENIX SURVEYS, INC.

COMPENSATED DENSITY
COMPENSATED NEUTRON
DUAL INDUCTION

Company
Well
Field
County
State/Prv

Company Merit Energy Company
Well Roth 21-30
Field Wattenberg
County Weld **State/Province** Colorado

Location 660' FNL & 1822' FWL
NE NW
Sec. 30, Twp. 6N, Rge. 64W

Other Services None

Elevation
K.B. 4678
D.F. 4677
G.L. 4664

Permanent Datum GL Elevation 4664
Log Measured From KB
Drilling Measured From KB

Date	February 26, 2007		
Run Number	1		
Depth Driller	7156		
Depth Logger	7185		
Bottom Logged Interval	7185		
Top Log Interval	Casing		
Casing Driller	663		
Casing Logger	663		
Bit Size	7-7/8"		
Type Fluid in Hole	Polymer Gel		
Density / Viscosity	9.2 / 55		
pH / Fluid Loss	8.9 / 8.2		
Source of Sample	Flowline		
Rm @ Meas. Temp	3.60 @ 68° F		
Rmf @ Meas. Temp	2.95 @ 68° F		
Rmc @ Meas. Temp	4.16 @ 68° F		
Source of Rmf / Rmc	Measure / Calc		
Rm @ BHT	1.19 @ 205° F		
Time Circulation Stopped	0230		
Time Logger on Bottom	1115		
Maximum Recorded Temperature	205° F		
Equipment Number	4400		
Location	Brighton, CO		
Recorded By	Shaun Schuman		
Witnessed By	Dirk Dirksen		

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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

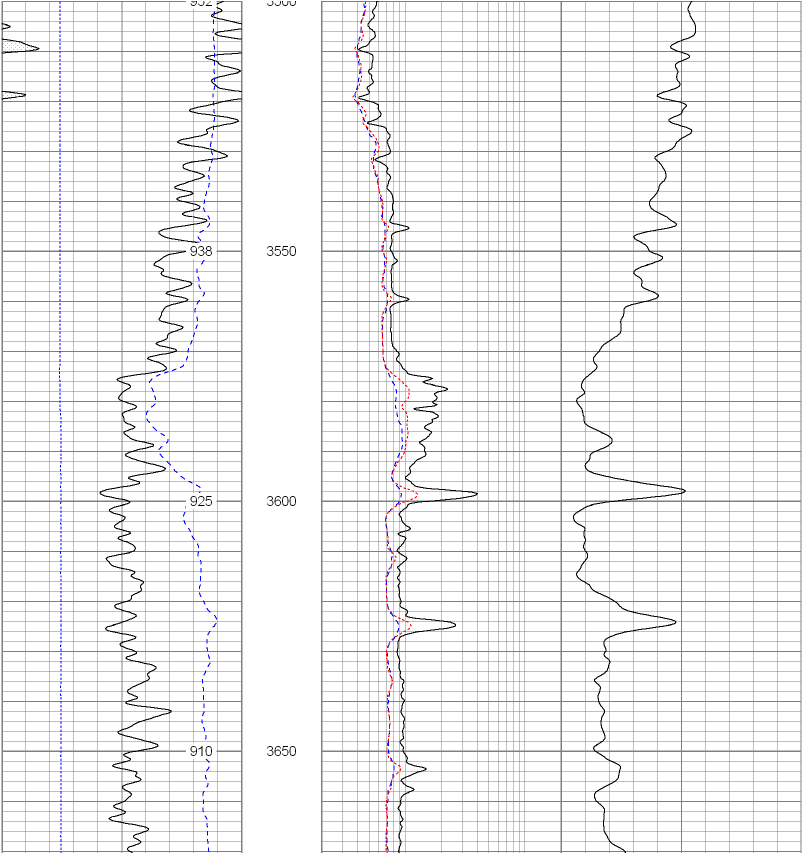
Annular volume calculated for 4-1/2" casing
KKA Drilling Rig 8
Thank you for using Phoenix Surveys!!
API #: 05-123-22144-00

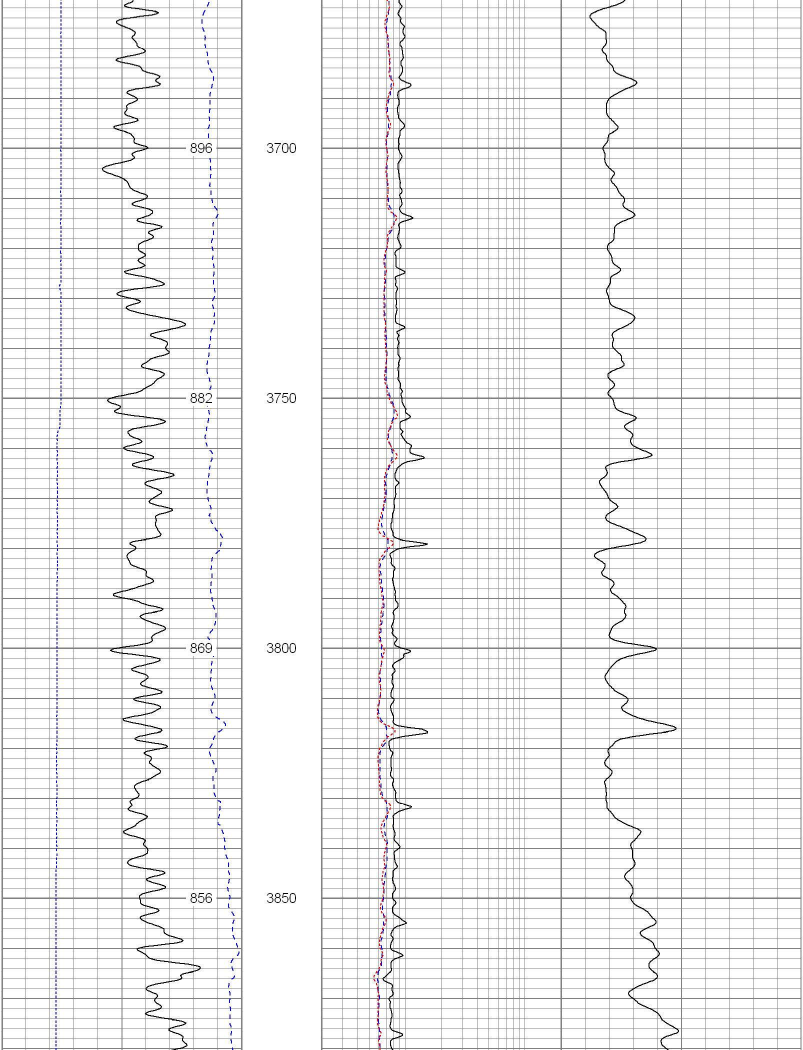
Database File:	6863.db
Dataset Pathname:	pass4
Presentation Format:	pdc1
Dataset Creation:	Mon Feb 26 11:27:44 2007 by Log Open-Cased 061129
Charted by:	Depth in Feet scaled 1:240

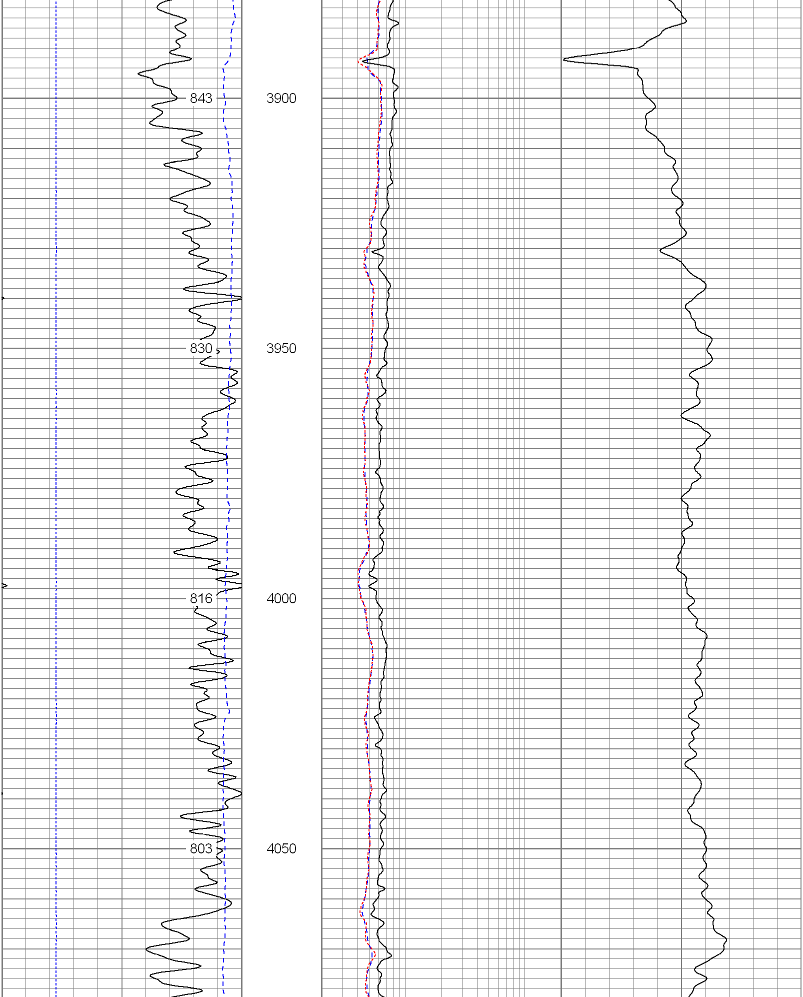
6 Density Caliper (in) 16
30 Gamma Ray (GAPI) 130
60 SP (mV) 160

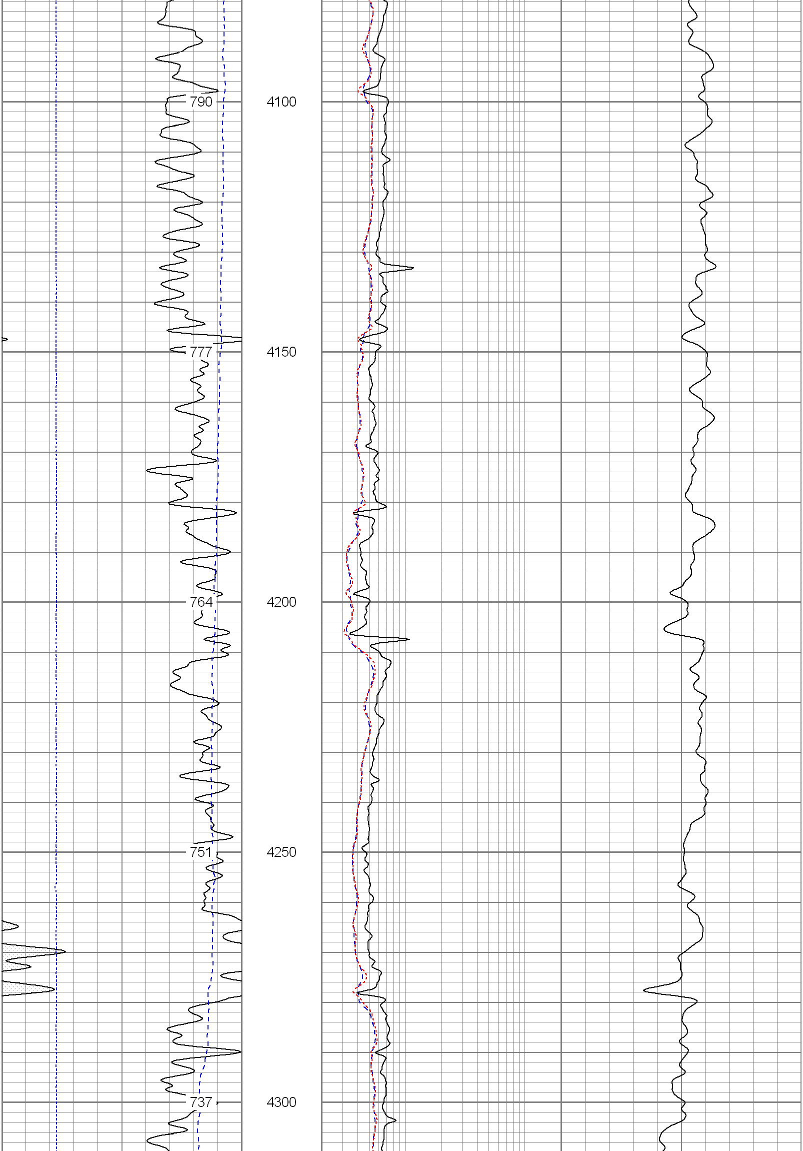
2 Deep Resistivity (Ohm-m) 200
2 Medium Resistivity (Ohm-m) 200
2 Shallow Resistivity (Ohm-m) 200

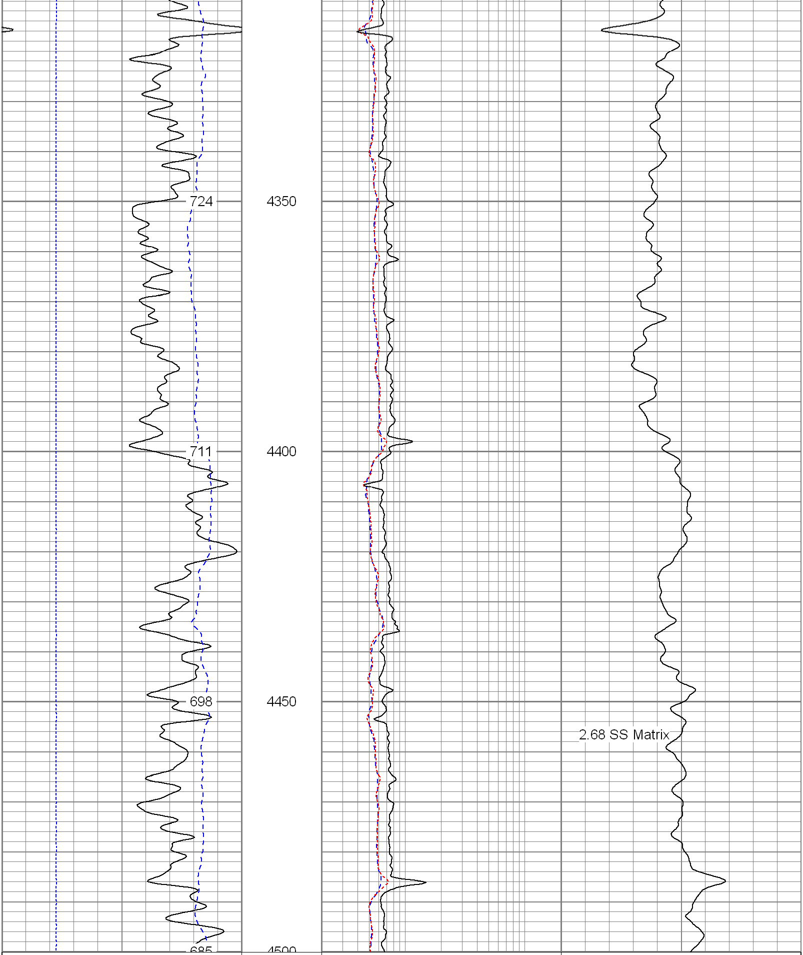
20 Density Porosity (pu) 0
20 Neutron Porosity (pu) 0











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60 SP (mV) 160	2 Shallow Resistivity (Ohm-m) 200	

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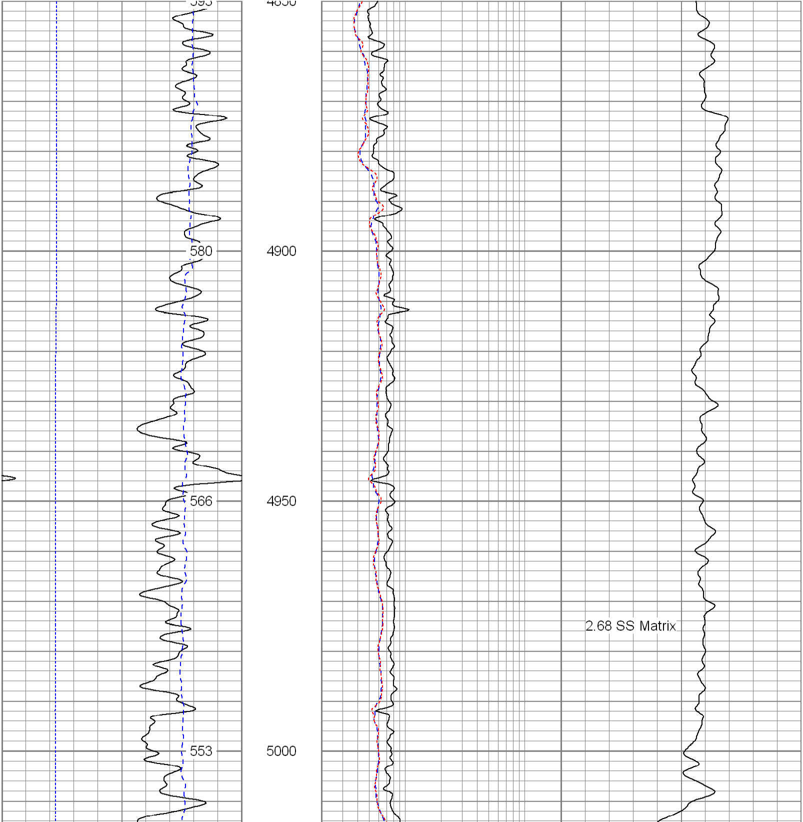

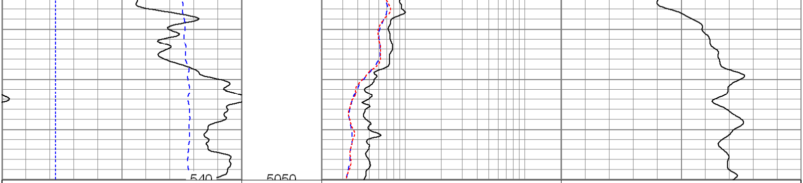

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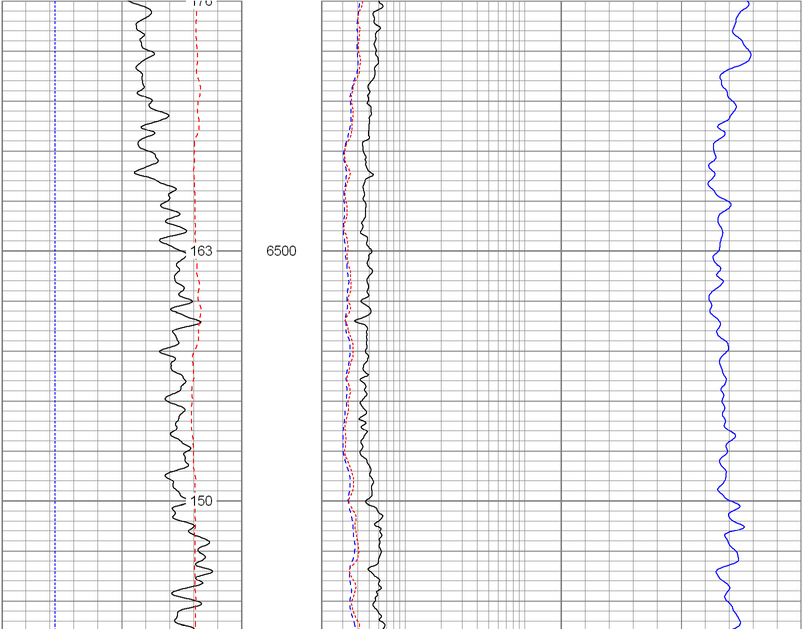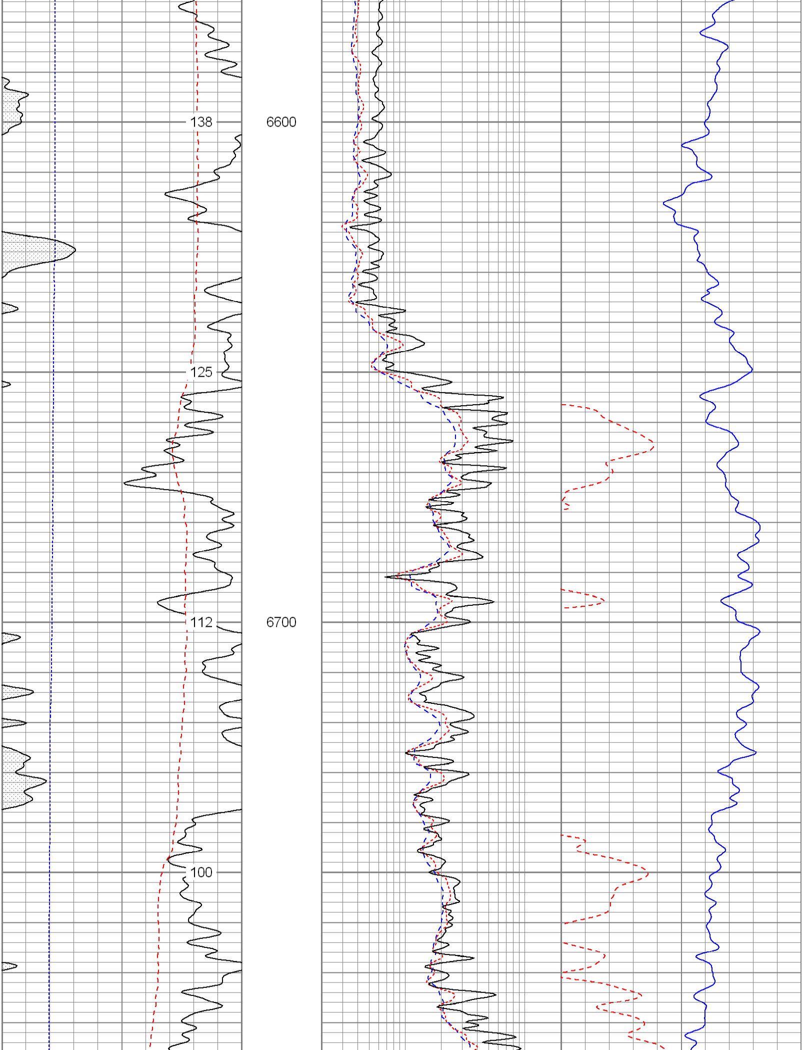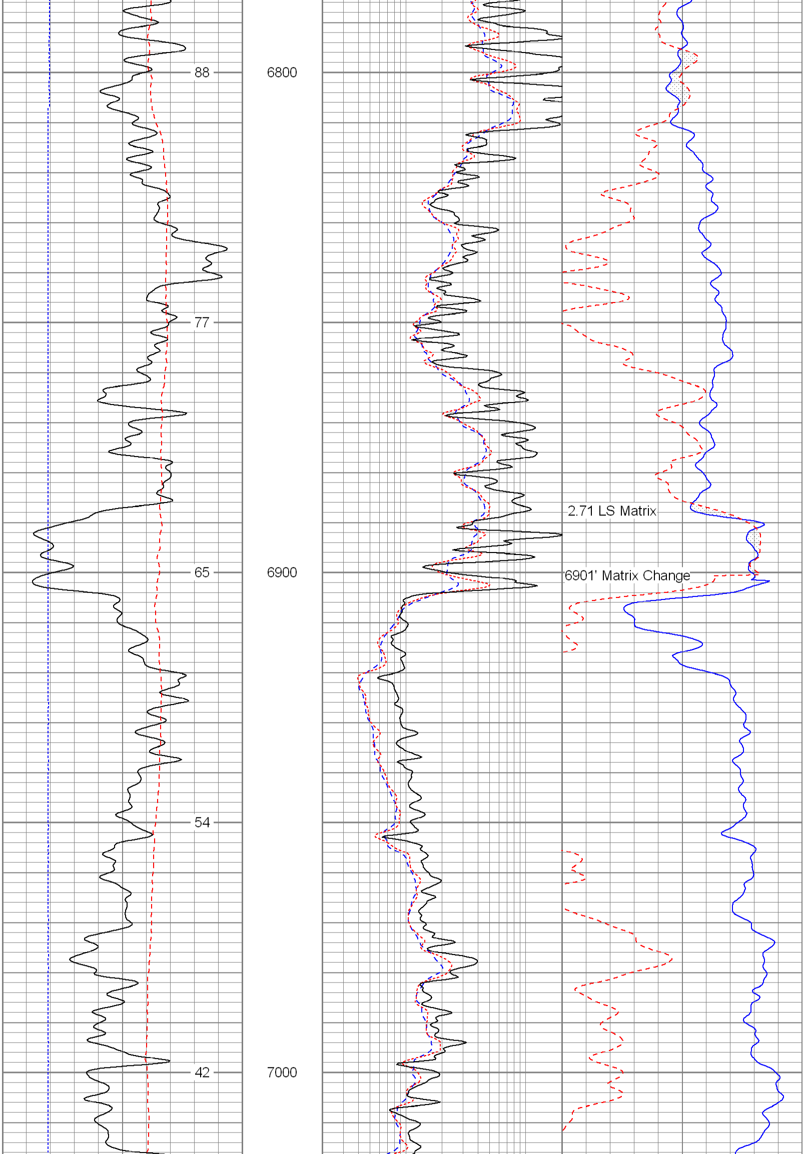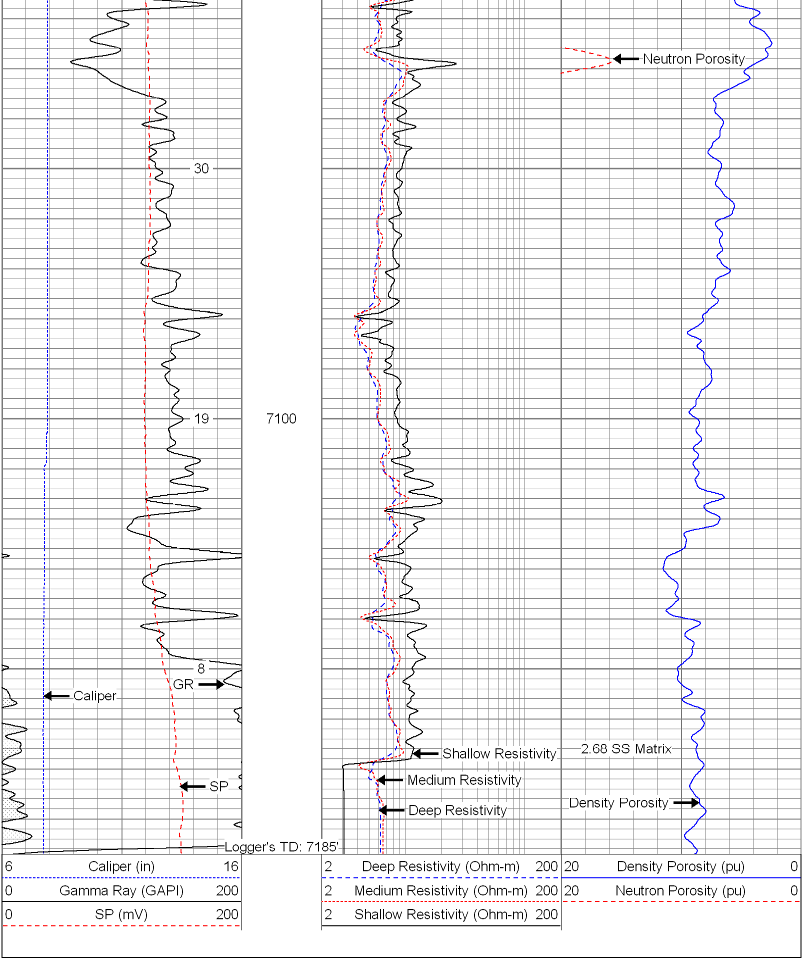6	Caliper (in)	16	2	Deep Resistivity (Ohm-m)	200	20	Density Porosity (pu)	0
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