PSI
PHOENIX SURVEYS, INC.

COMPENSATED DENSITY
COMPENSATED NEUTRON
HIGH RESOLUTION INDUCTION

Company
Well
Field
County
State/Prv

Company **St. James Energy Operating, Inc.**
Well **Dyer 1-2**
Field **Wattenberg**
County **Weld** State/Province **Colorado**

Location SHL: 1818' FNL & 190' FWL SWNW
BHL: 640' FNL & 654' FWL NWNW
Sec 2, Twp 6N, Rge 64W

Other Services
None

Elevation
K.B. 4803
D.F. 4802
G.L. 4790

Permanent Datum GL Elevation 4790
Log Measured From KB
Drilling Measured From KB

Date	April 1, 2012		
Run Number	1		
Depth Driller	7369		
Depth Logger	7354		
Bottom Logged Interval	7354		
Top Log Interval	Casing		
Casing Driller	900		
Casing Logger	900		
Bit Size	7-7/8"		
Type Fluid in Hole	Chem Gel		
Density / Viscosity	9.4 / 60		
pH / Fluid Loss	9 / 7.2		
Source of Sample	Flowline		
Rm @ Meas. Temp	3.74 @ 85° F		
Rmf @ Meas. Temp	2.99 @ 85° F		
Rmc @ Meas. Temp	4.49 @ 85° F		
Source of Rmf / Rmc	Measure / Calc		
Rm @ BHT	1.50 @ 207° F		
Time Circulation Stopped	0730		
Time Logger on Bottom	1445		
Maximum Recorded Temperature	207° F		
Equipment Number	4800		
Location	Brighton, CO		
Recorded By	Matt Gill	Clint Christensen	
Witnessed By	Mark Scanniello	Kent Moore	

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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

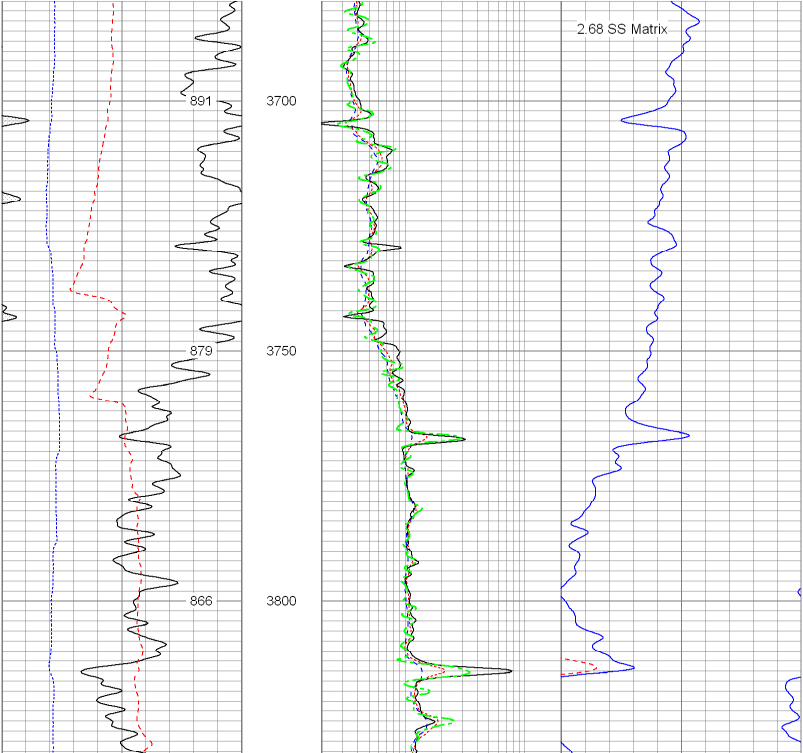
Annular volume calculated for 4.5" casing
Cade Drilling Rig 25
Thank you for using Phoenix Surveys.
API #: 05-123-29188-00

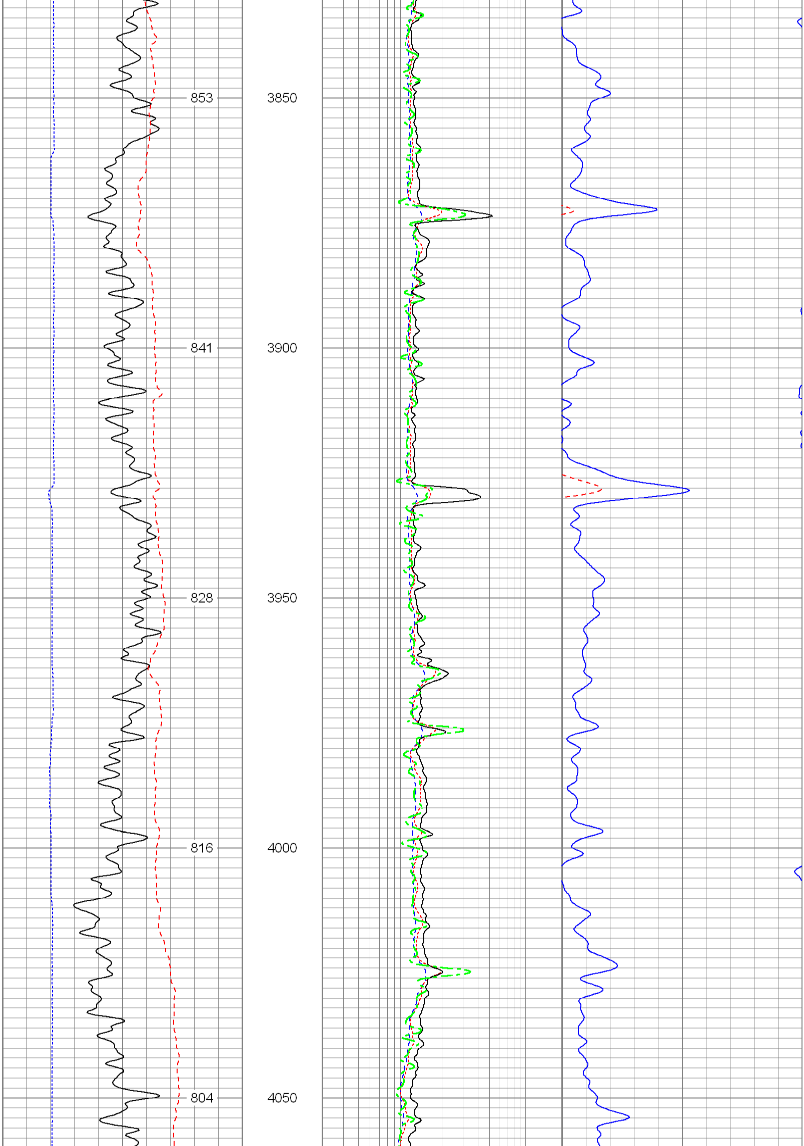
Database File: 12833.db
Dataset Pathname: final
Presentation Format: pdc1
Dataset Creation: Sun Apr 01 16:56:15 2012
Charted by: Depth in Feet scaled 1:240

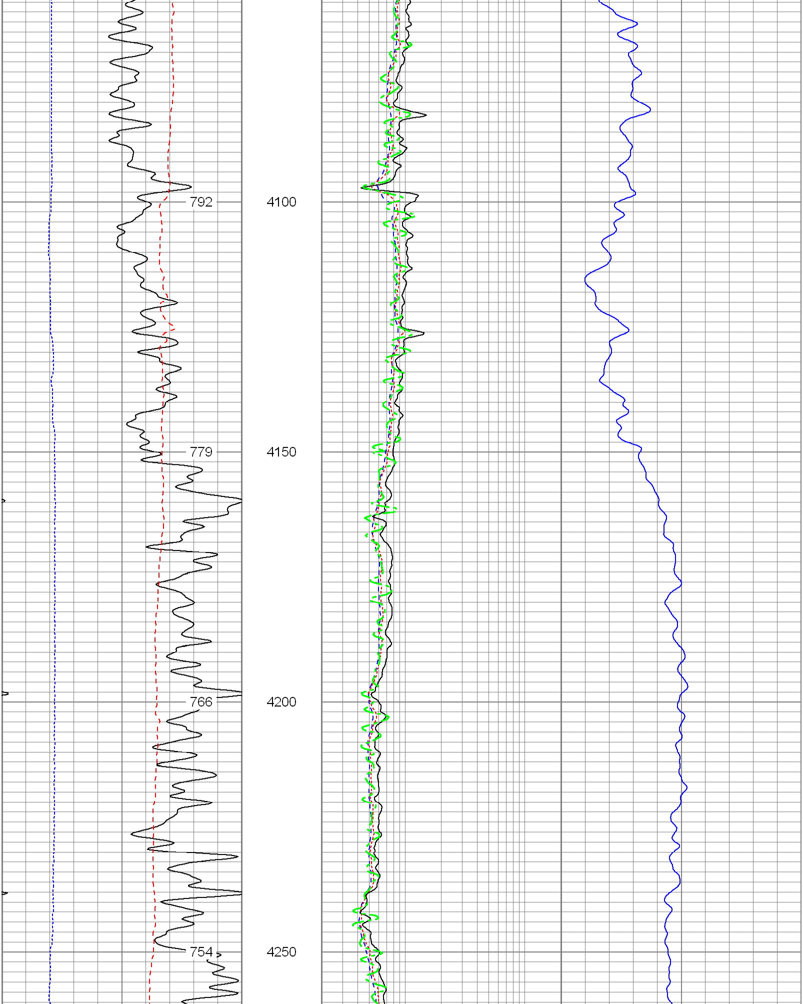
6 Density Caliper (in) 16
30 Gamma Ray (GAPI) 130
70 SP (mV) 170
ABHV (ft3)

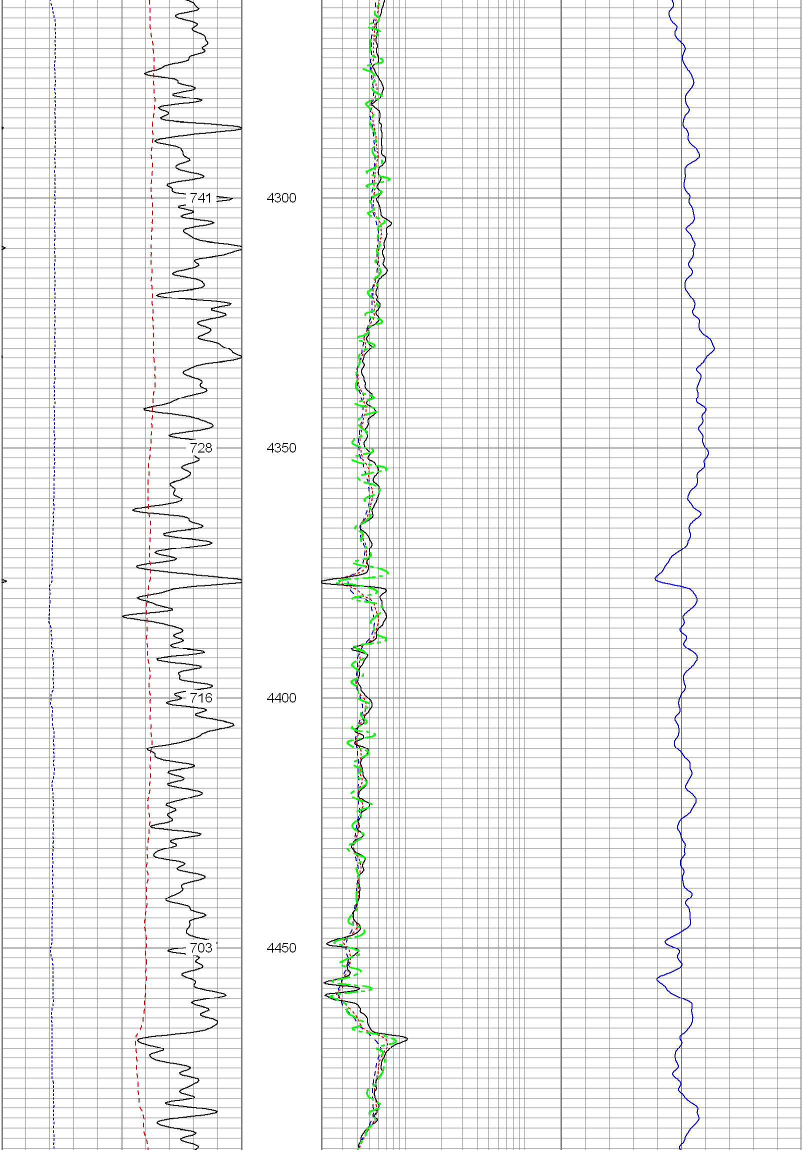
2 Deep Resistivity (Ohm-m) 200
2 Medium Resistivity (Ohm-m) 200
2 Shallow Resistivity (Ohm-m) 200
2 Rt (Ohm-m) 200

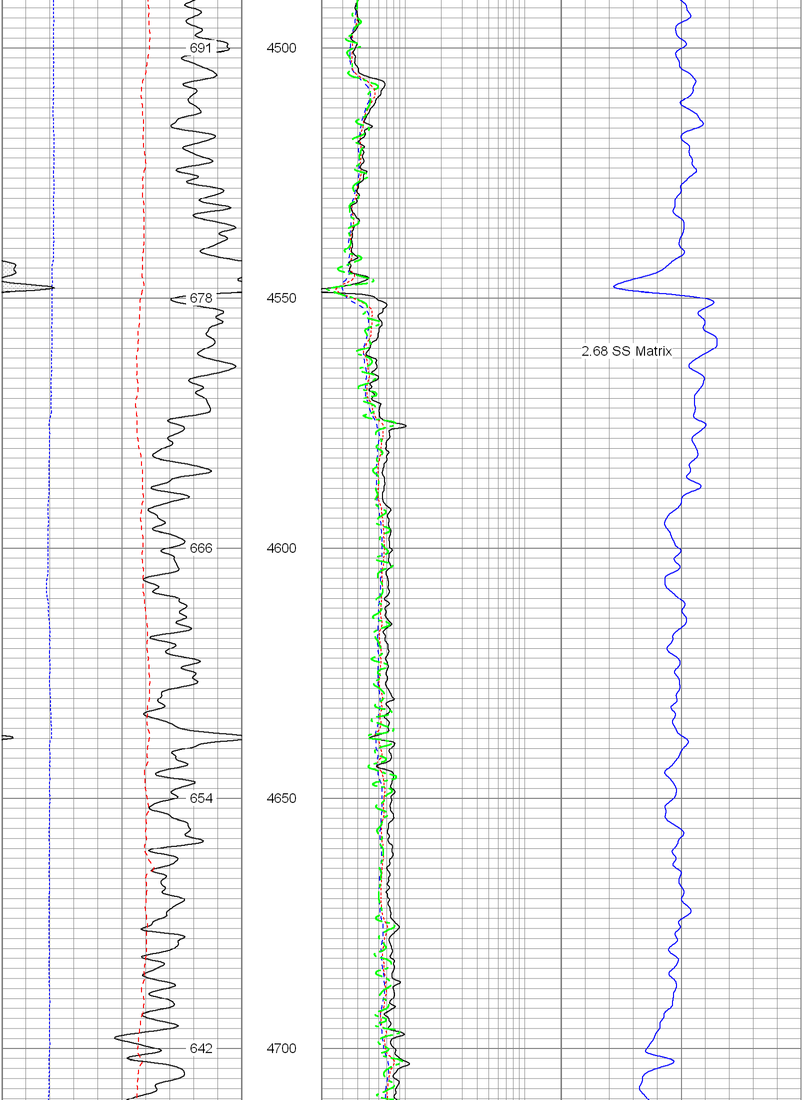
20 Density Porosity (pu) 0
20 Neutron Porosity (pu) 0

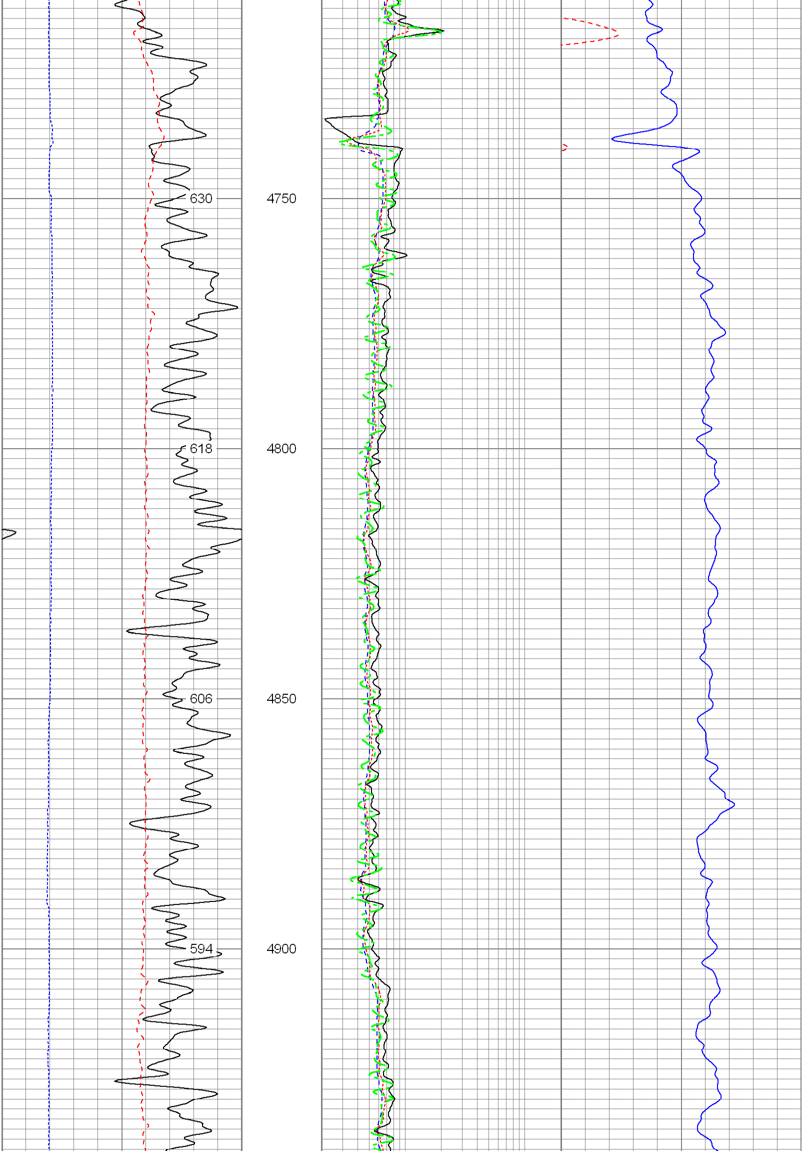


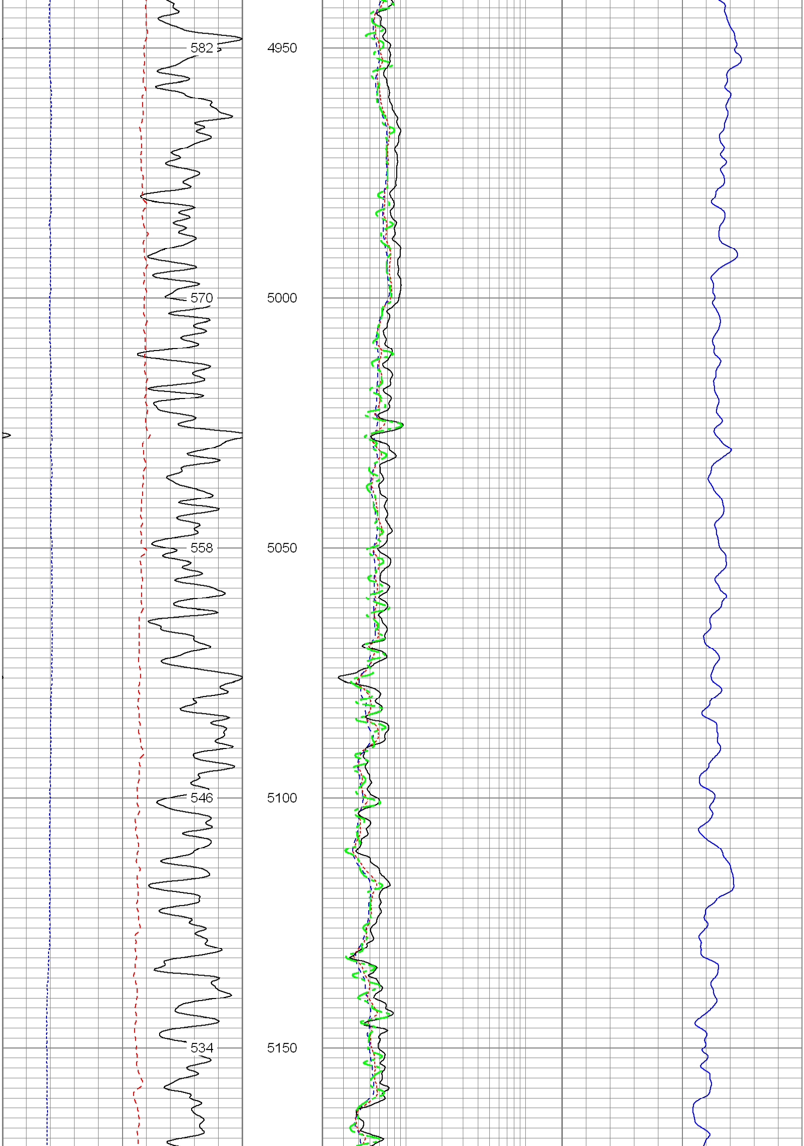


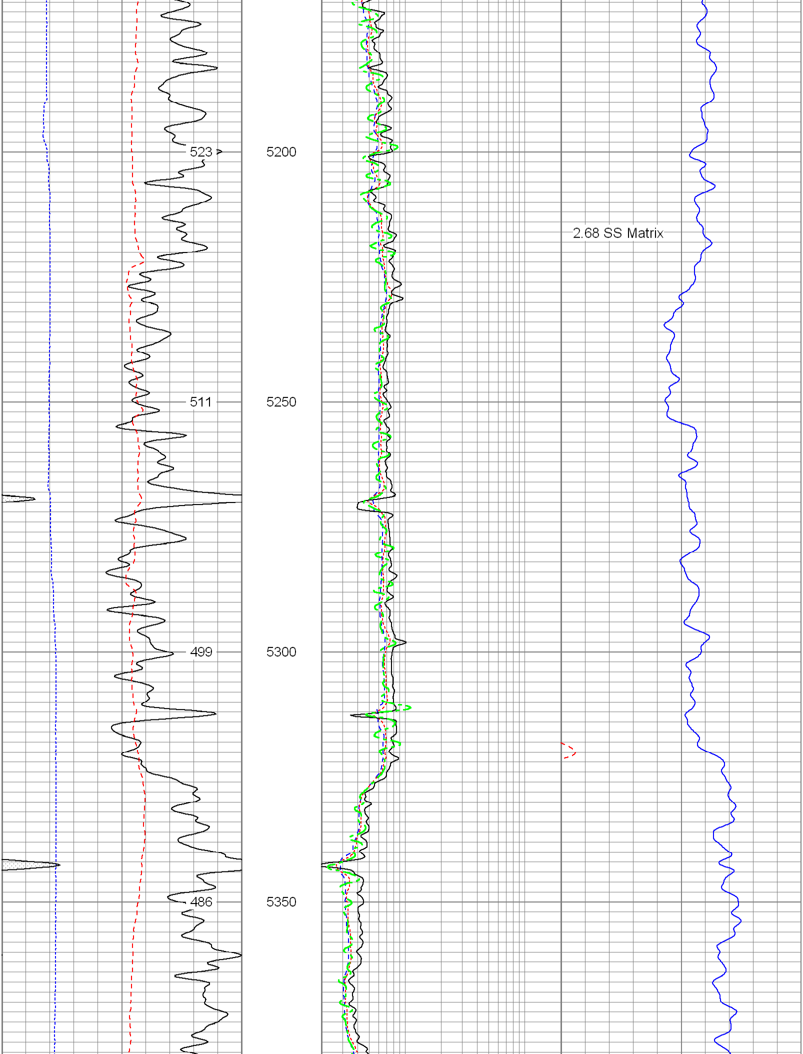


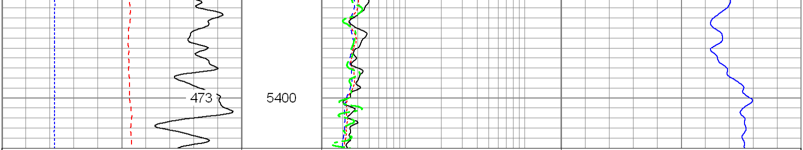












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ABHV (ft3)	2 Rt (Ohm-m) 200	

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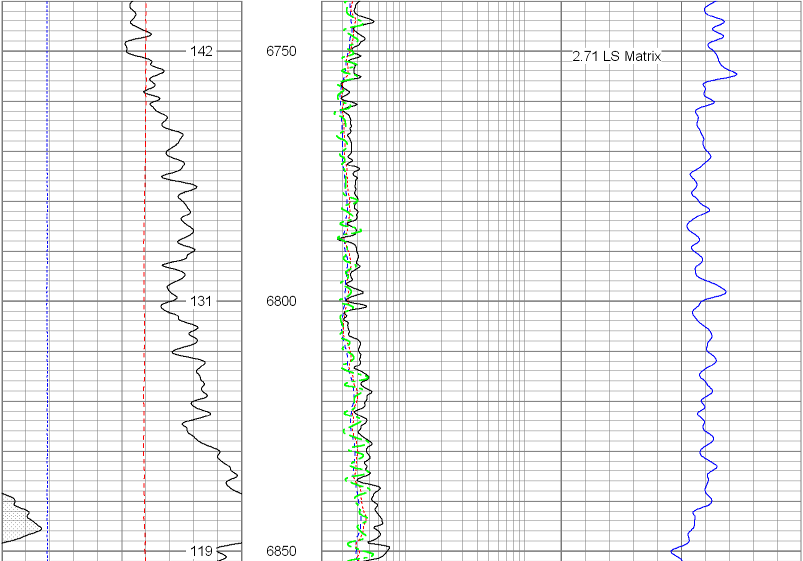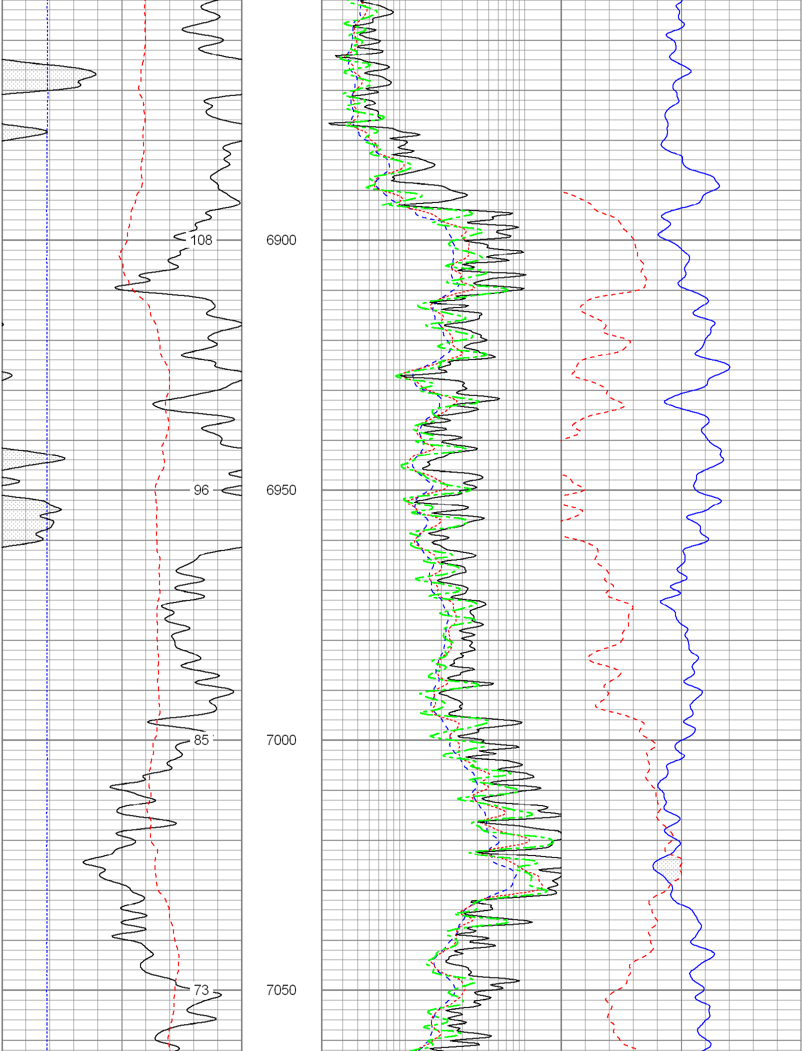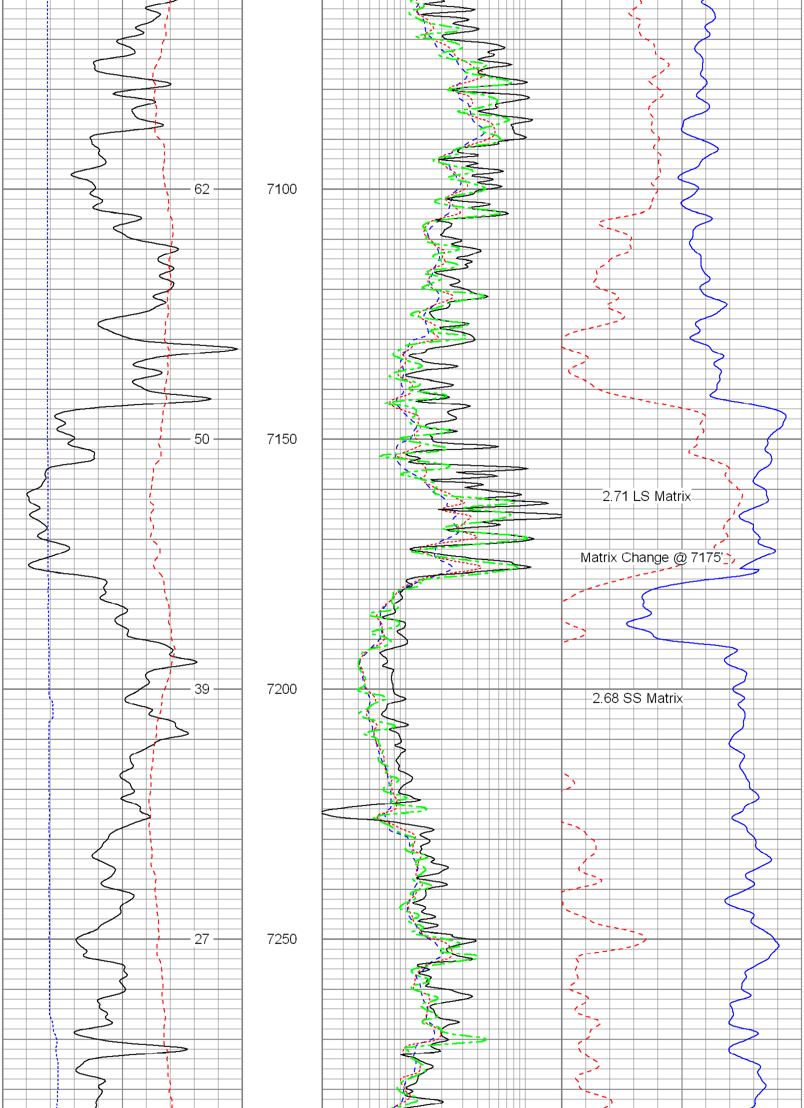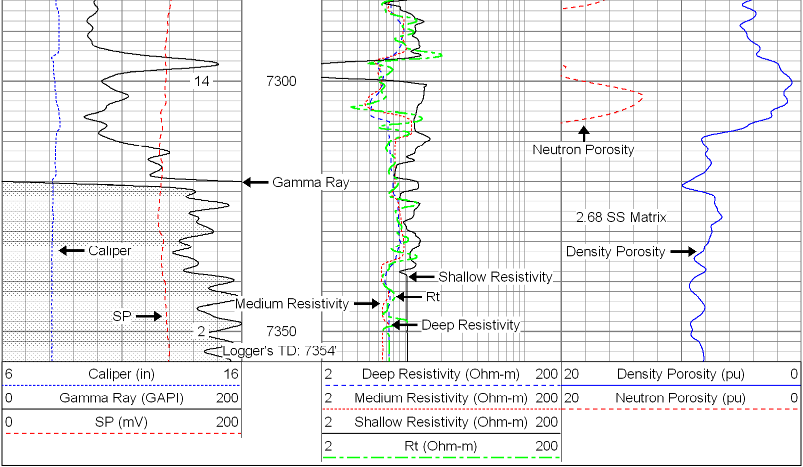6 Caliper (in) 16	2 Deep Resistivity (Ohm-m) 200	20 Density Porosity (pu) 0
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