Company Bayswater Exploration & Prod. LLC
Well Booth 31-23
Field Wattenberg
County Weld
State Colorado

PIONEER
Pioneer Energy Services

HIGH RESOLUTION INDUCTION
COMPENSATED DENSITY
COMPENSATED NEUTRON

Company	Bayswater Exploration & Prod. LLC
Well	Booth 31-23
Field	Wattenberg
County	Weld
State	Colorado

Location: API # : 05123359560000

SHL: 445' FNL & 2357' FWL NENW
BHL: 991' FNL & 81' FWL NWNW

SEC 23 TWP 7N RGE 65W

Other Services
None

Permanent Datum	GL	Elevation	4896
Log Measured From	KB		
Drilling Measured From	KB		

Elevation
K.B. 4912
D.F. 4911
G.L. 4896

Date	November 24, 2012		
Run Number	1		
Depth Driller	7894		
Depth Logger	7895		
Bottom Logged Interval	7895		
Top Log Interval	Casing		
Casing Driller	691		
Casing Logger	691		
Bit Size	7+7/8"		
Type Fluid in Hole	Chem Gel		
Density / Viscosity	9.9 / 60		
pH / Fluid Loss	7.5 / 9.0		
Source of Sample	Flowline		
Rm @ Meas. Temp	3.08 @ 65 F		
Rmf @ Meas. Temp	2.46 @ 65 F		
Rmc @ Meas. Temp	3.70 @ 65 F		
Source of Rmf / Rmc	Measure / Calc		
Rm @ BHT	0.98 @ 205 F		
Time Circulation Stopped	0400		
Time Logger on Bottom	1205		
Maximum Recorded Temperature	205 F		
Equipment Number	49		
Location	Brighton, CO		
Recorded By	Matt Gill		
Witnessed By	Dan Brugeman	Weitzel	

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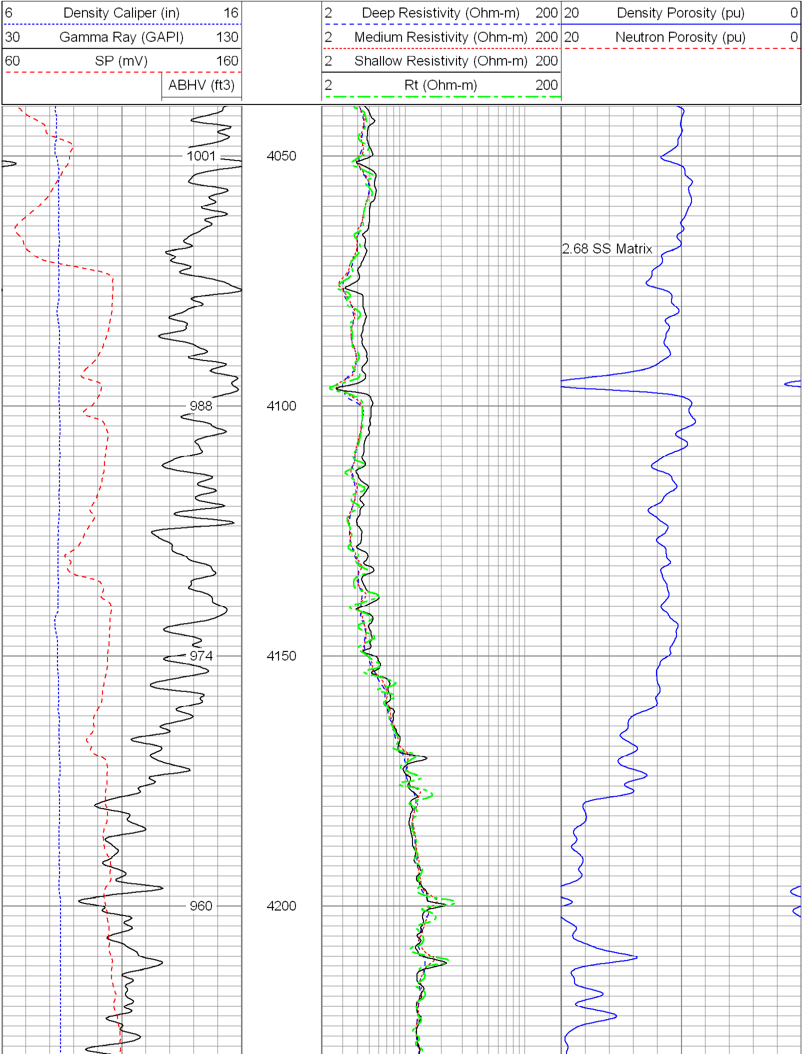
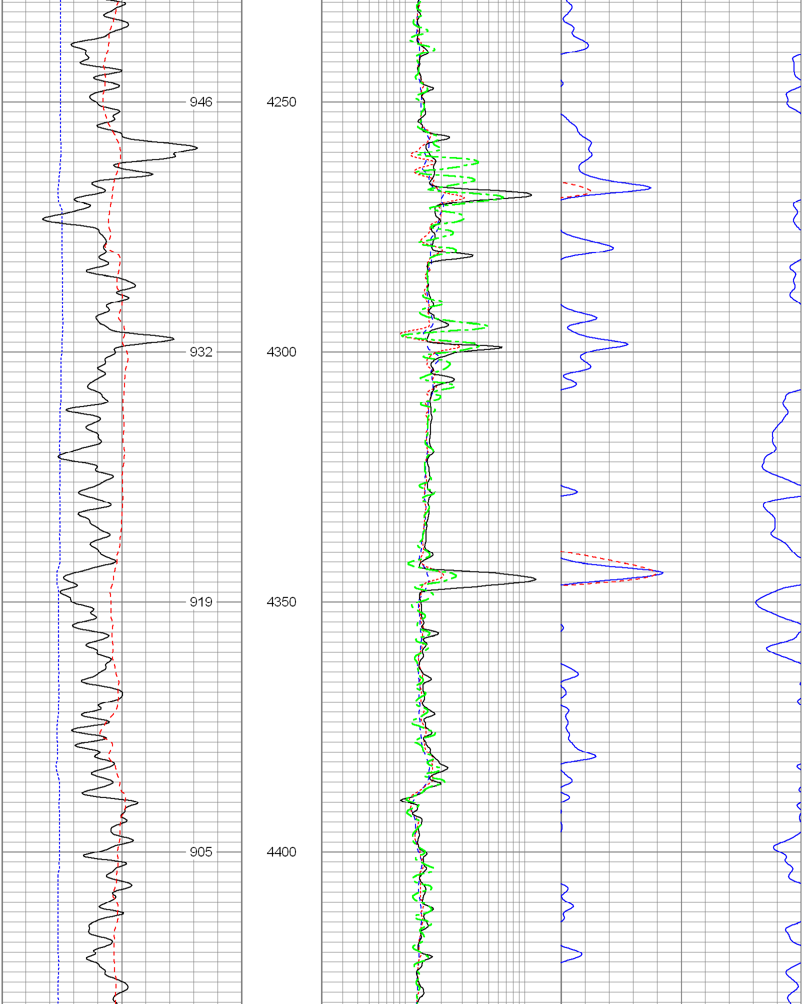
All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees.

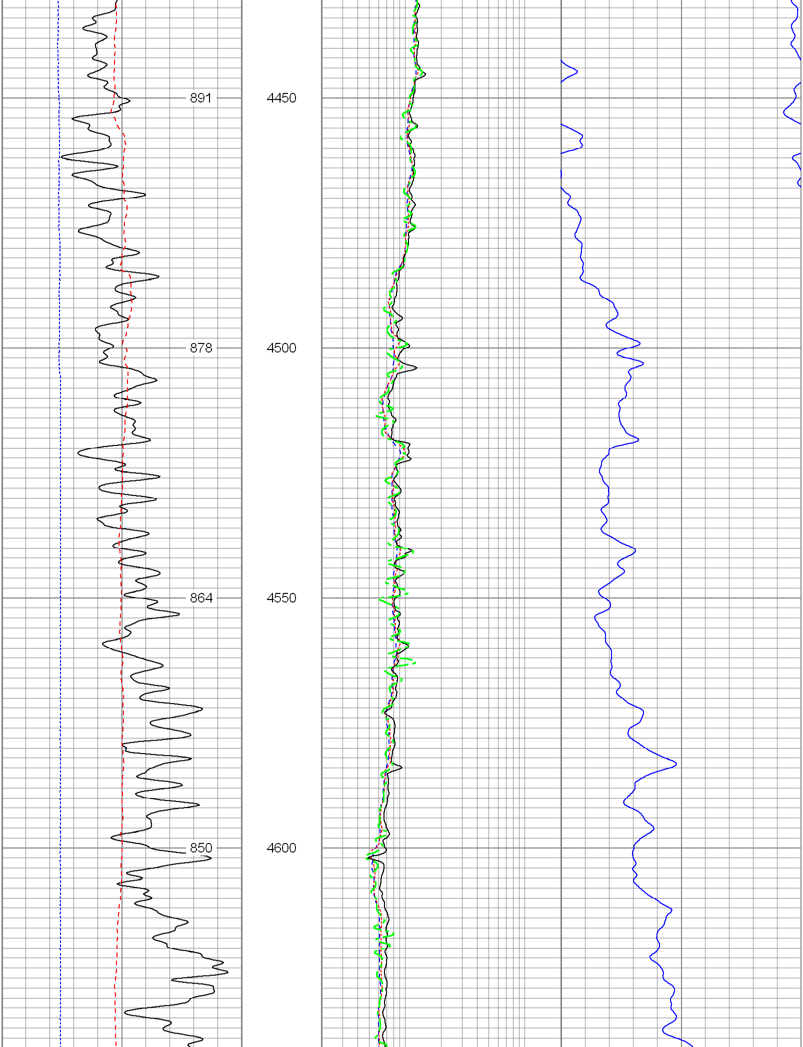
Comments

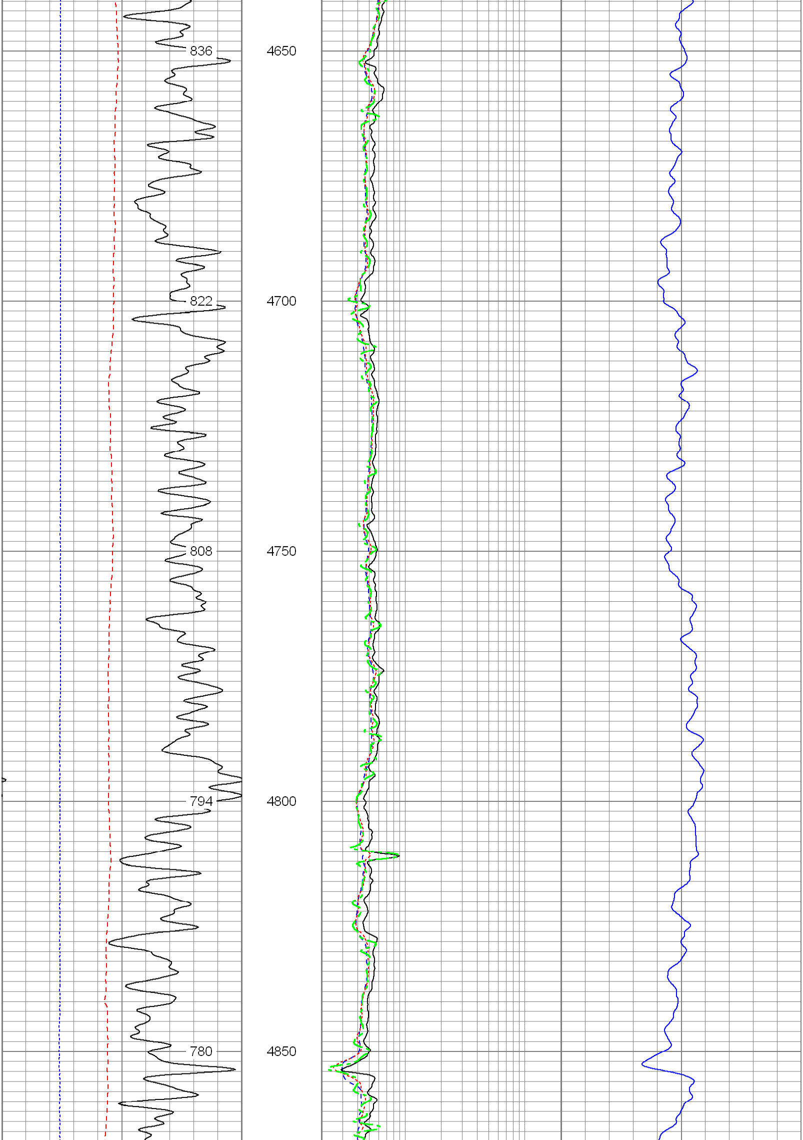
Annular volume calculated for 4.5" casing
Ensign Drilling Rig 7
Thank you for using Pioneer Energy Services.
No repeat pass due to hole conditions.

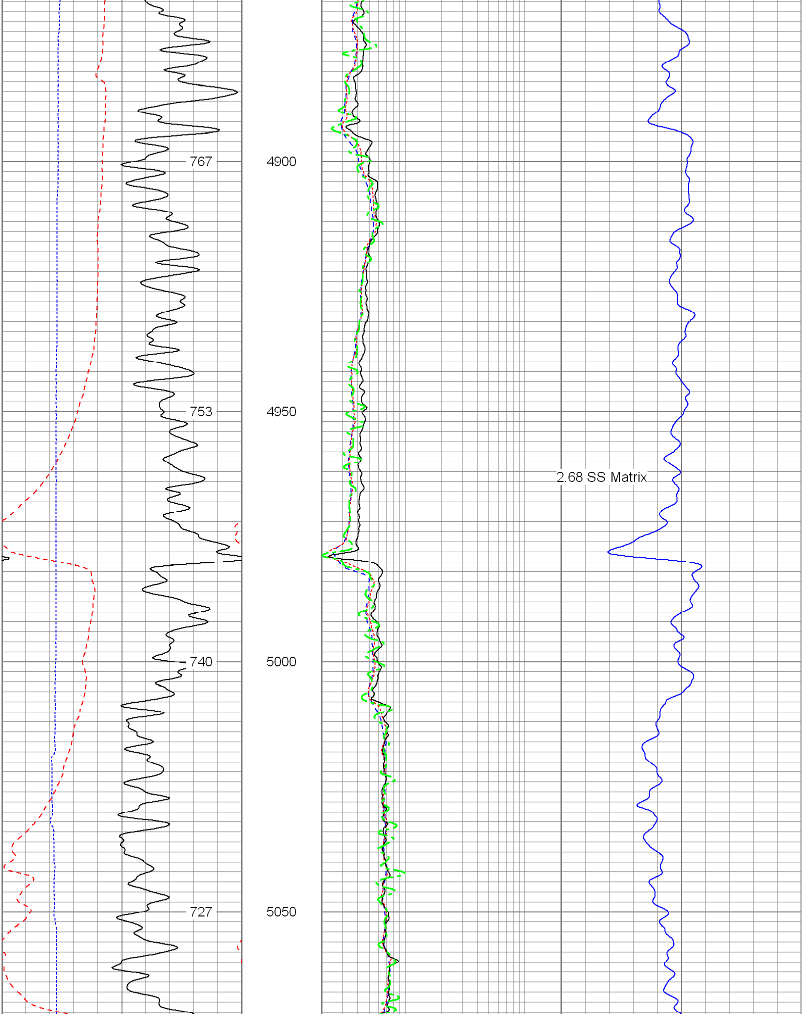
Database File: 13217.db
Dataset Pathname: final
Presentation Format: pdc1
Dataset Creation: Sat Nov 24 12:09:50 2012
Charted by: Depth in Feet scaled 1:240

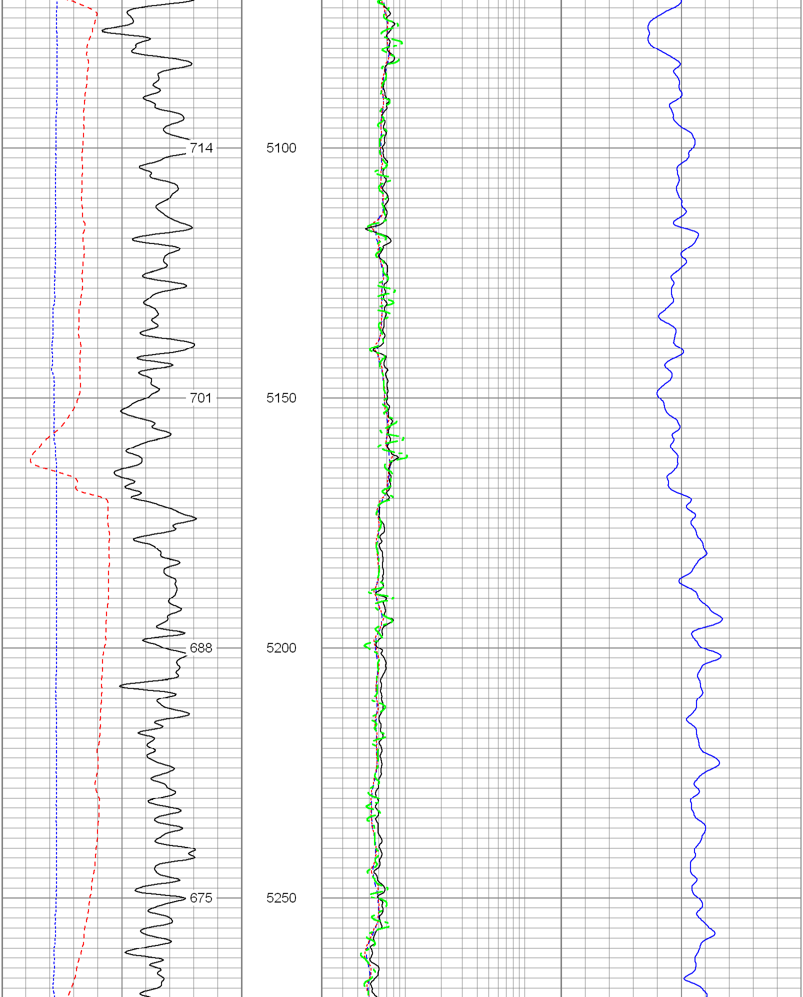


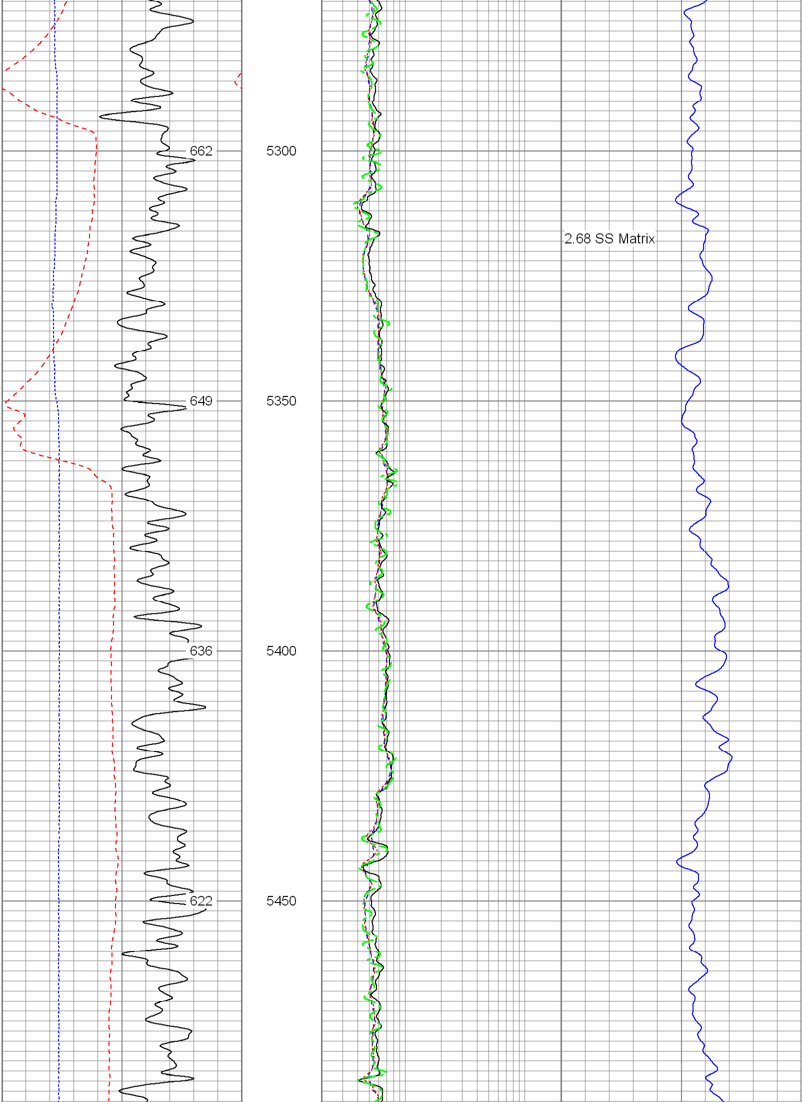


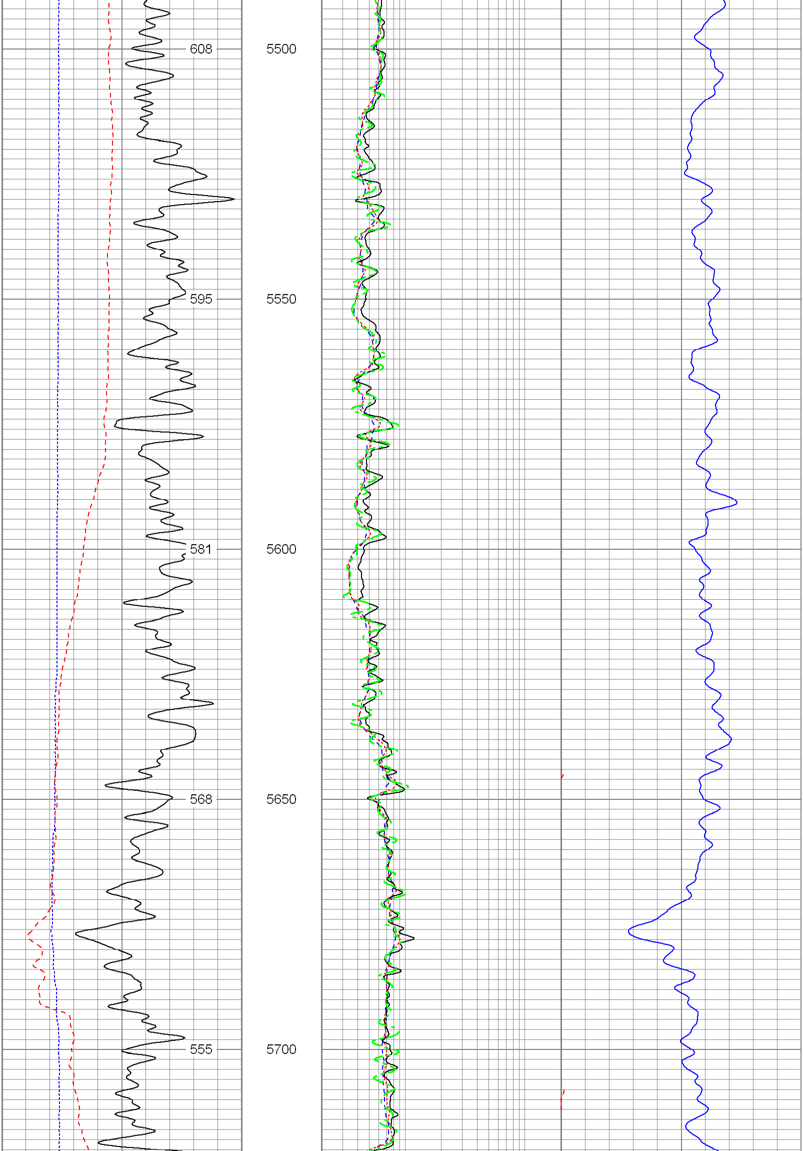


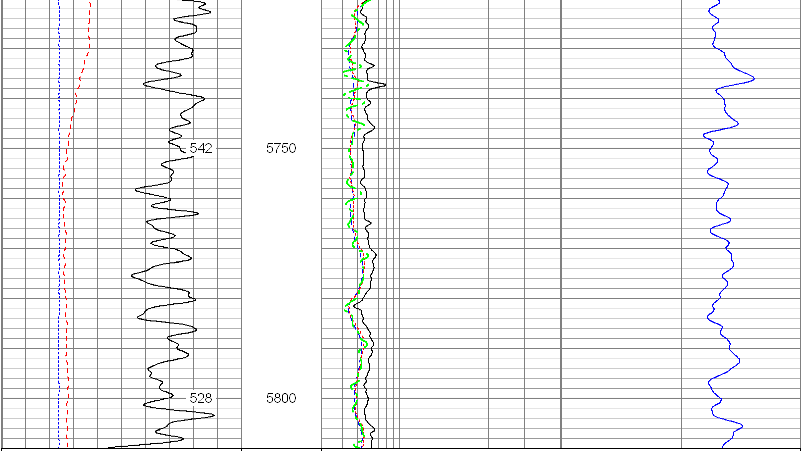












6 Density Caliper (in) 16		2 Deep Resistivity (Ohm-m) 200	20 Density Porosity (pu) 0
30 Gamma Ray (GAPI) 130		2 Medium Resistivity (Ohm-m) 200	20 Neutron Porosity (pu) 0
60 SP (mV) 160		2 Shallow Resistivity (Ohm-m) 200	
ABHV (ft3)		2 Rt (Ohm-m) 200	

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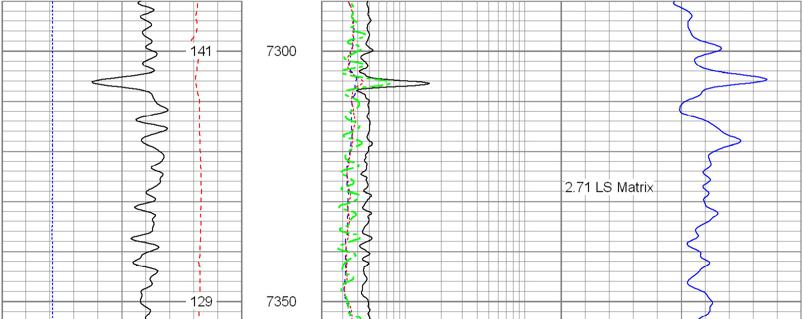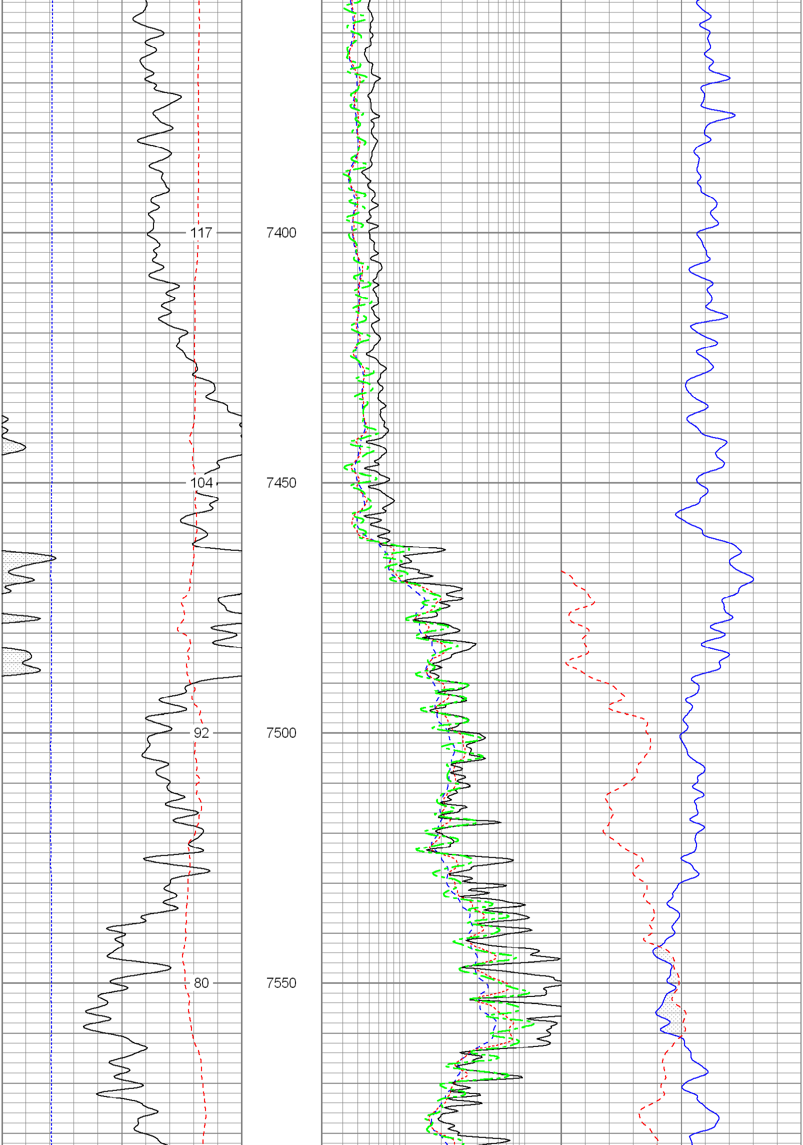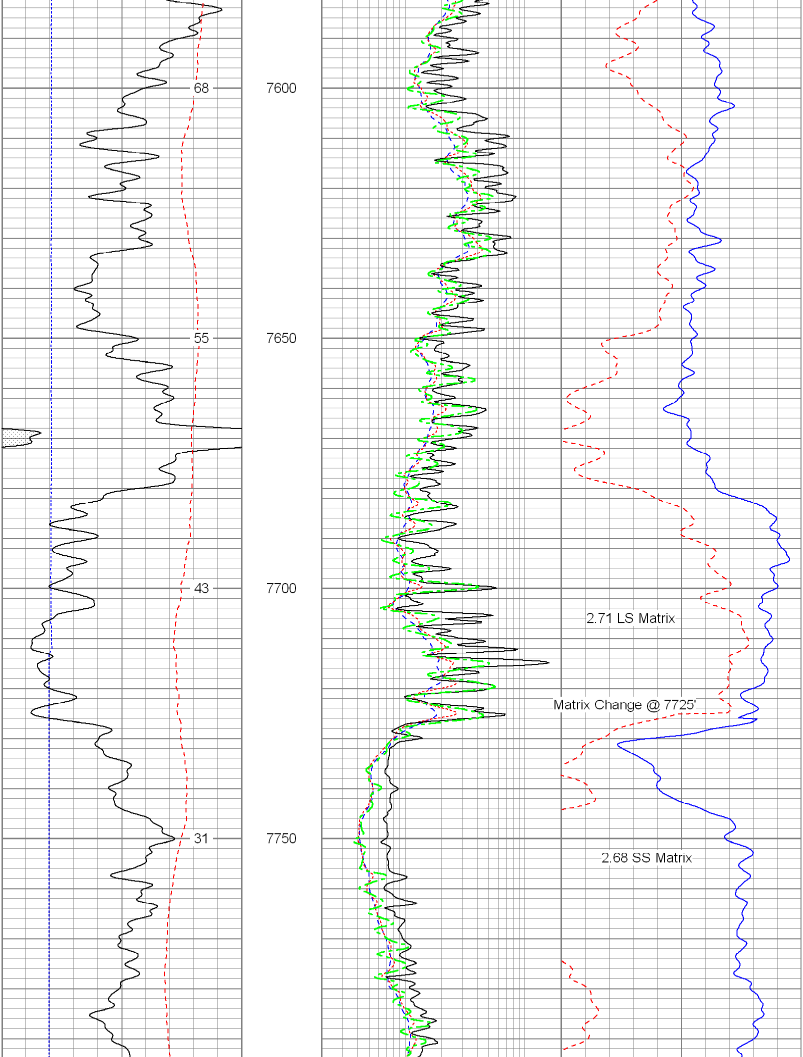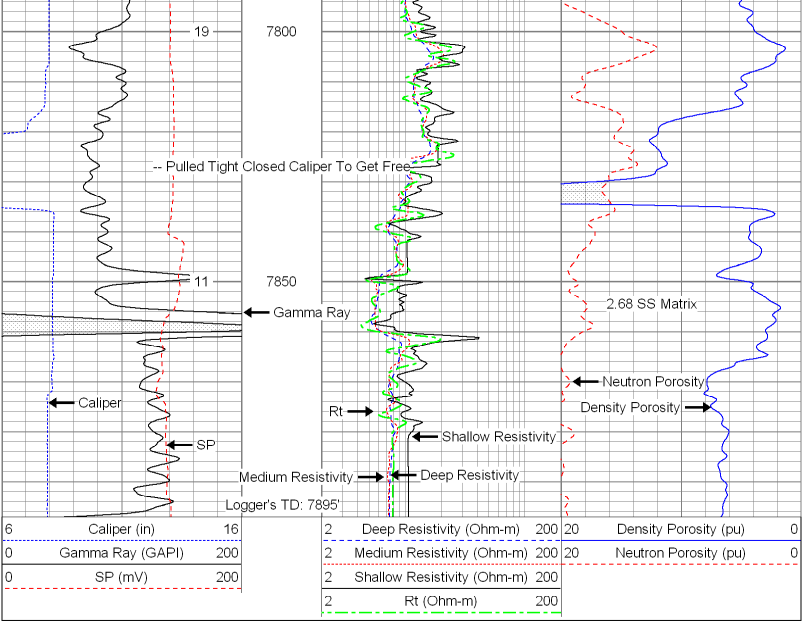6 Caliper (in) 16		2 Deep Resistivity (Ohm-m) 200	20 Density Porosity (pu) 0
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		2 Rt (Ohm-m) 200