Pioneer Energy Services

HIGH RESOLUTION INDUCTION
COMPENSATED DENSITY
COMPENSATED NEUTRON

Company	Great Western Oil & Gas LLC
Well	Peterson CX GH 30-26D
Field	Wattenberg
County	Weld
State	Colorado

Company Great Western Oil & Gas LLC

Well Peterson CX GH 30-26D

Field Wattenberg

County Weld **State** Colorado

Location: API # : 05123361510000

SHL: 1387' FNL & 2262' FEL SWNE
BHL: 34' FNL & 50' FEL NENE
SEC 30 TWP 5N RGE 63W

Other Services
None

Permanent Datum	GL	Elevation	4572
Log Measured From	KB		
Drilling Measured From	KB		

Elevation
K.B. 4586
D.F. 4585
G.L. 4572

Date	January 5, 2013			
Run Number	1			
Depth Driller	7354			
Depth Logger	7350			
Bottom Logged Interval	7350			
Top Log Interval	Casing			
Casing Driller	644			
Casing Logger	644			
Bit Size	7+7/8"			
Type Fluid in Hole	Chem Gel			
Density / Viscosity	9.2 / 50			
pH / Fluid Loss	8.0 / 9.0			
Source of Sample	Flowline			
Rm @ Meas. Temp	4.00 @ 60 F			
Rmf @ Meas. Temp	2.80 @ 60 F			
Rmc @ Meas. Temp	5.10 @ 60 F			
Source of Rmf / Rmc	Measure / Calc			
Rm @ BHT	1.20 @ 200 F			
Time Circulation Stopped	1800			
Time Logger on Bottom	0045			
Maximum Recorded Temperature	200 F			
Equipment Number	52			
Location	Brighton, CO			
Recorded By	Schuman			
Witnessed By	Armstrong	Scanniello		

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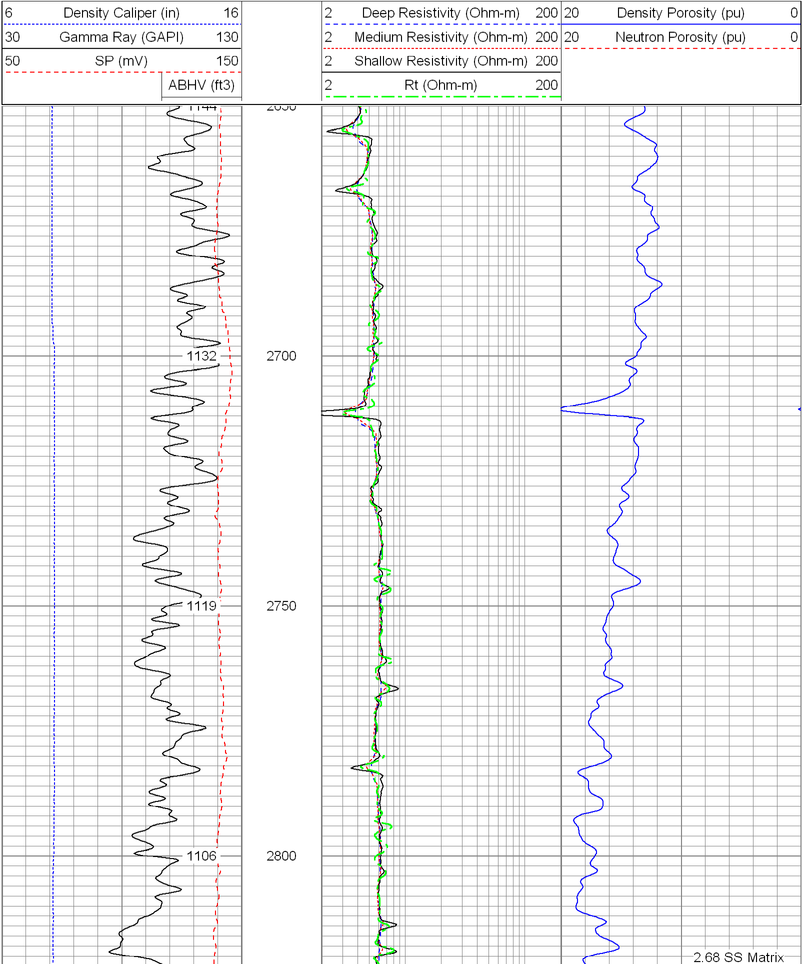
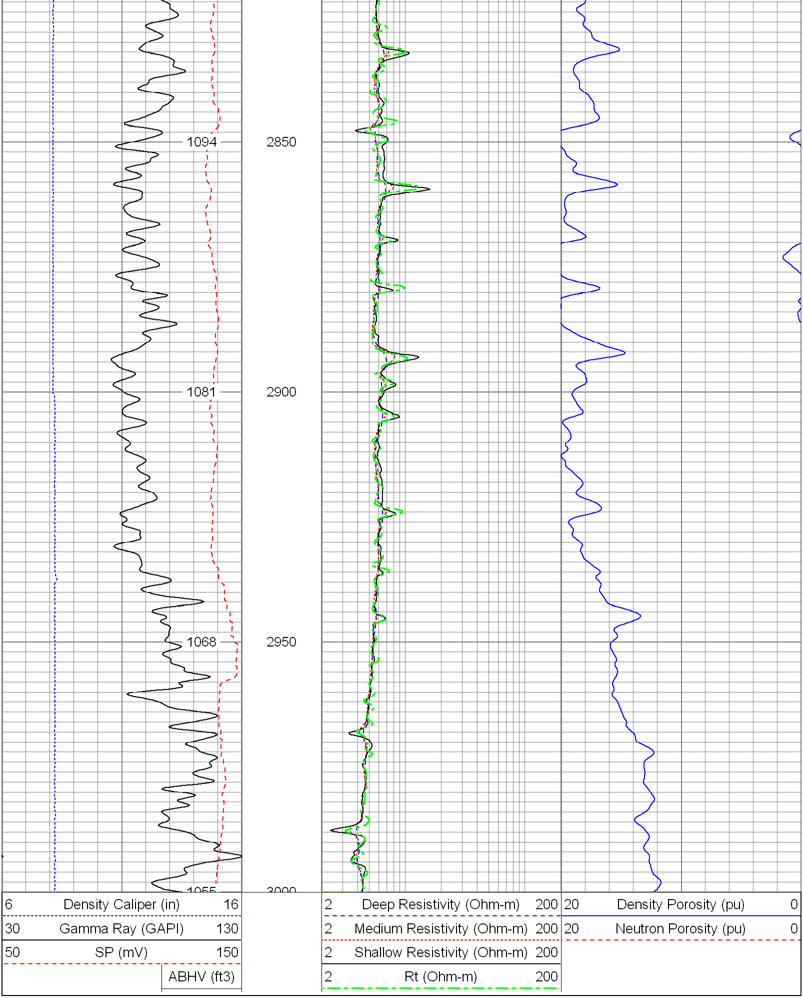
All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not be liable or responsible for any loss, costs, damages, 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
Cade Drilling Rig 25
Thank you for using Pioneer Drilling Services.
Worked bridge @ 3360' before getting to bottom.
No repeat pass due to hole conditions.

Database File: 13238.db
Dataset Pathname: main
Presentation Format: pdc1
Dataset Creation: Sat Jan 05 02:00:24 2013
Charted by: Depth in Feet scaled 1:240





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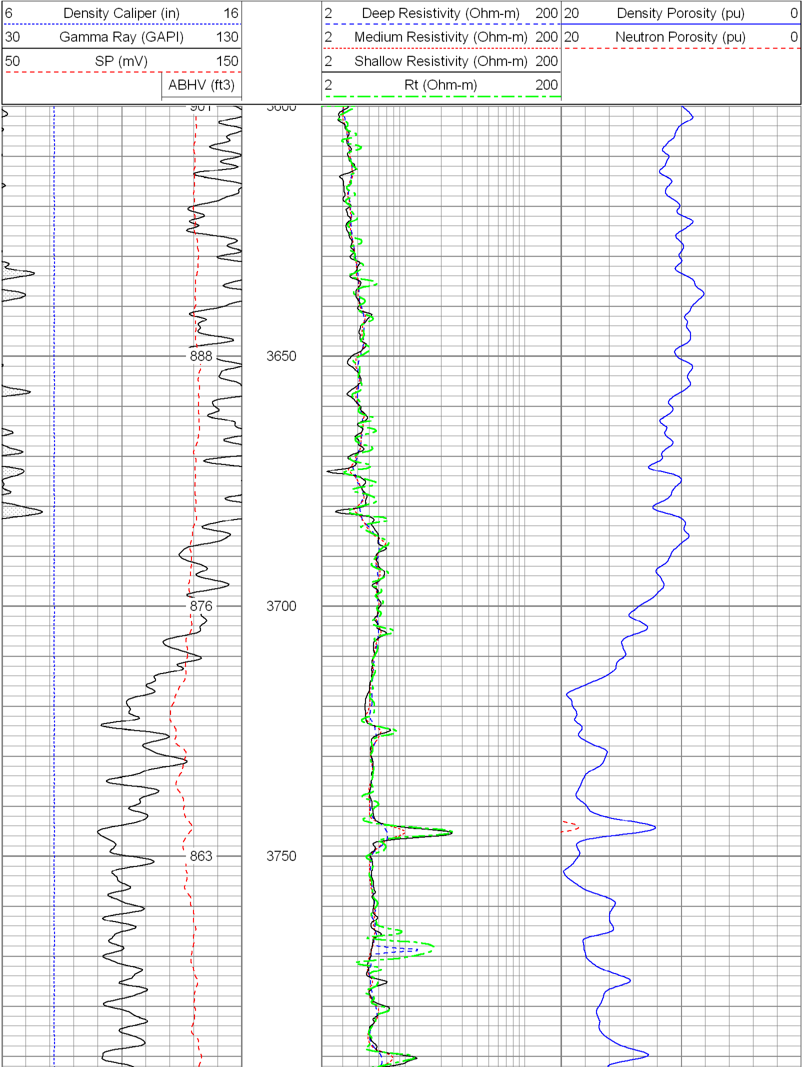

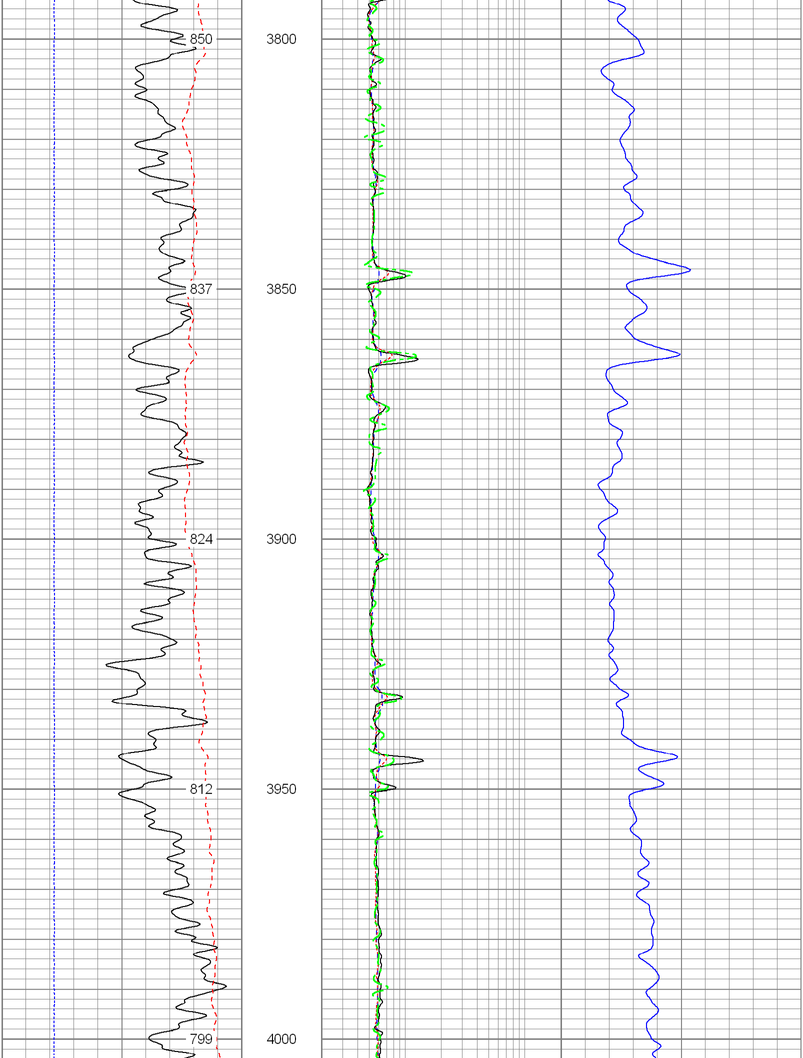

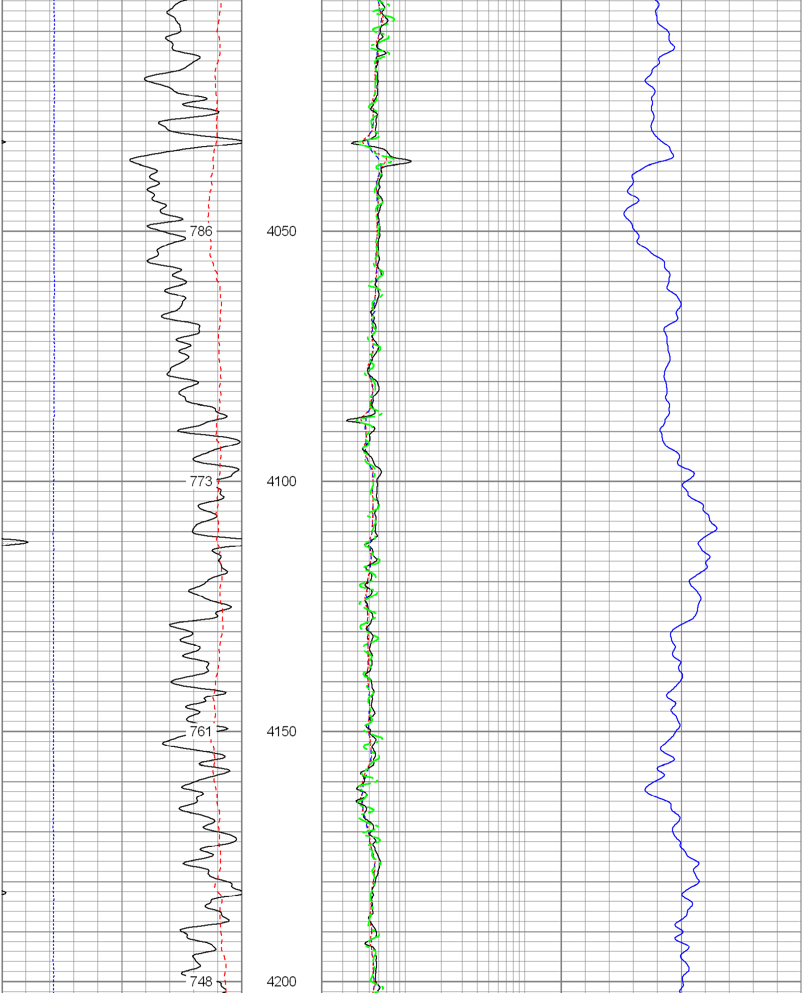

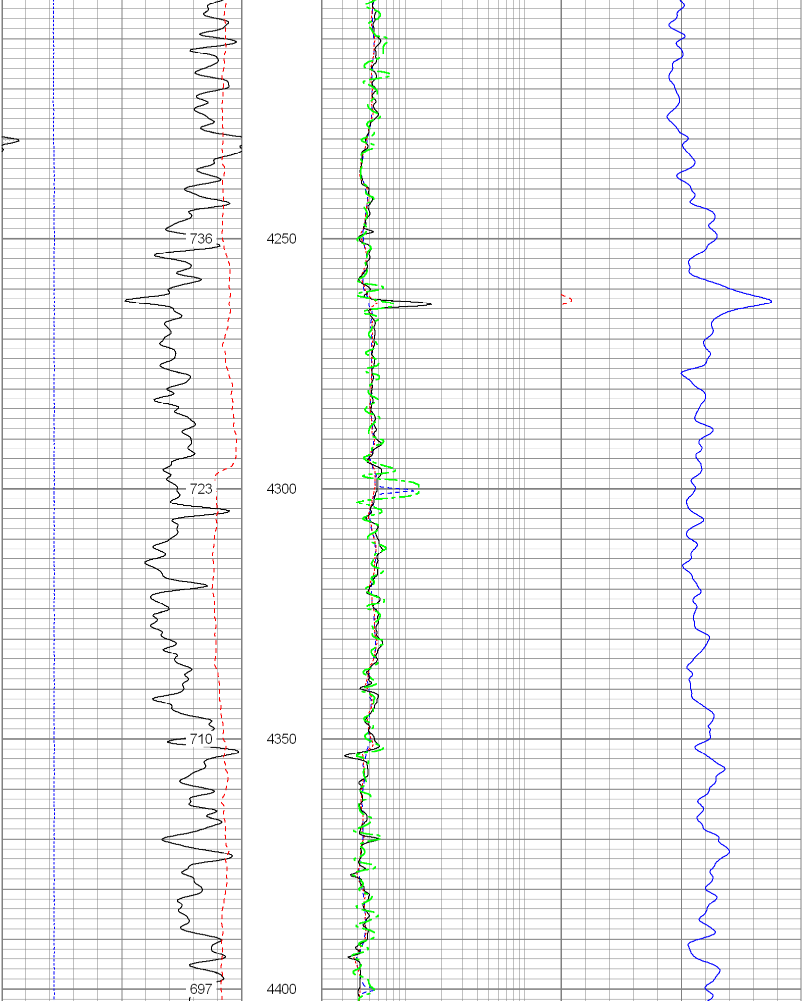

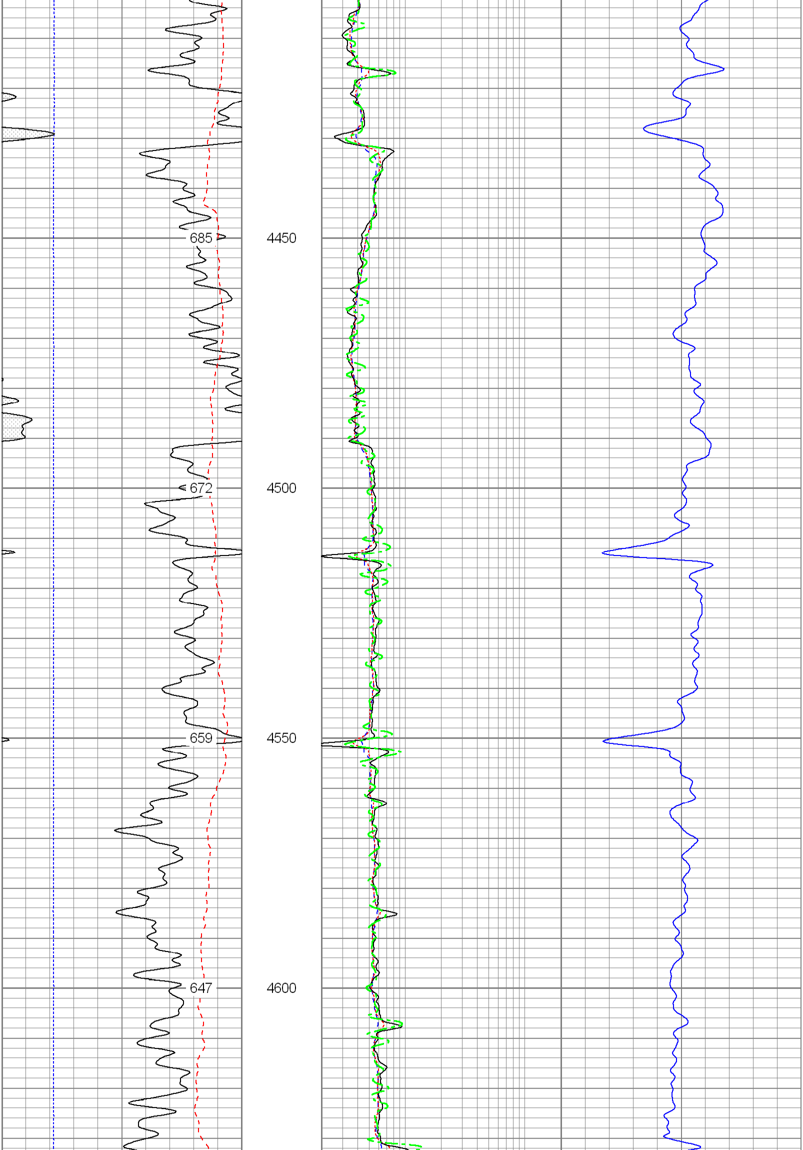

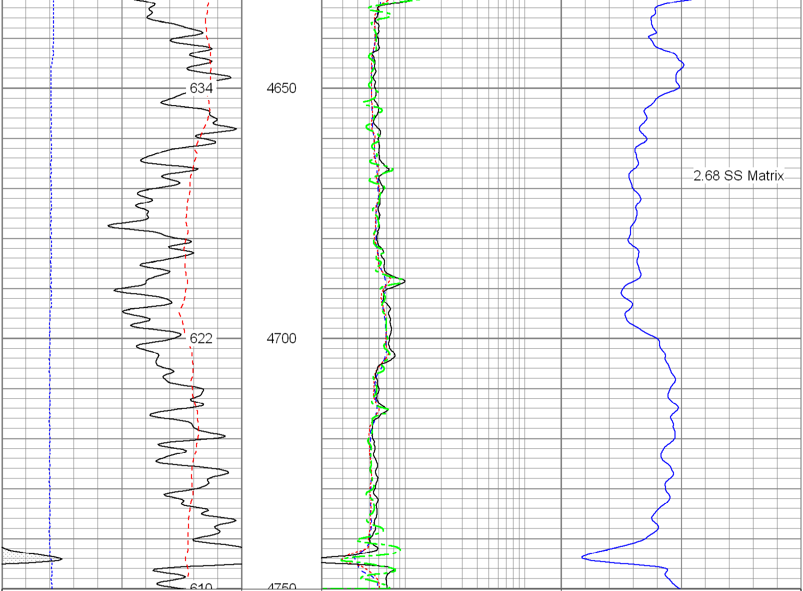

6 Density Caliper (in) 16
30 Gamma Ray (GAPI) 130
50 SP (mV) 150
ABHV (ft3)

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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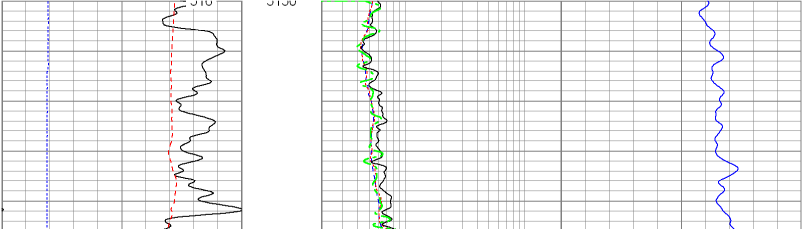

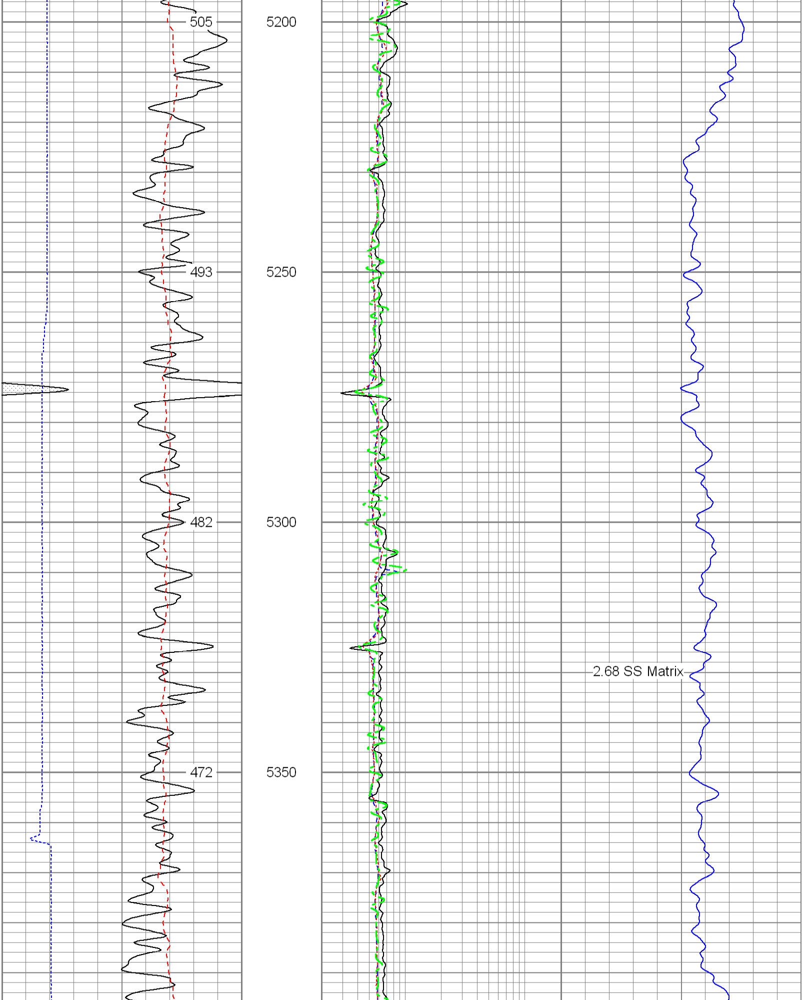

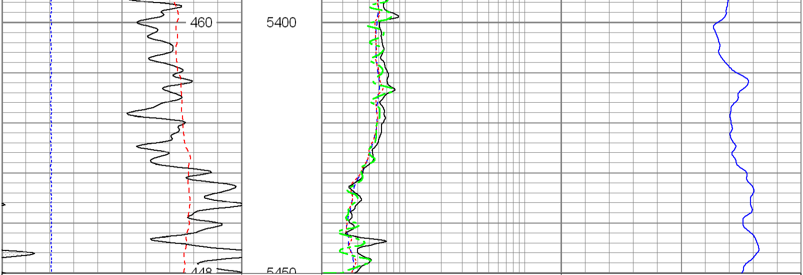

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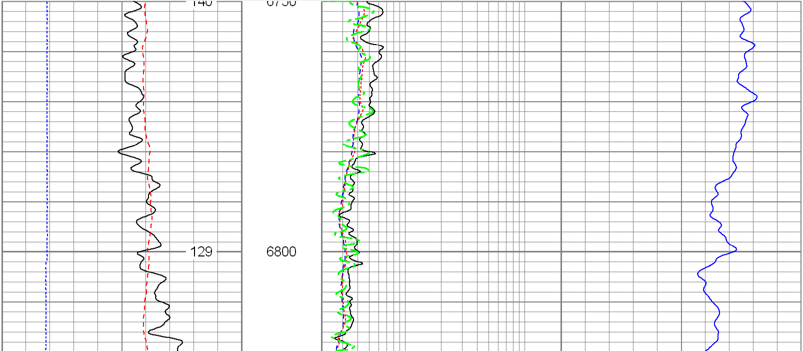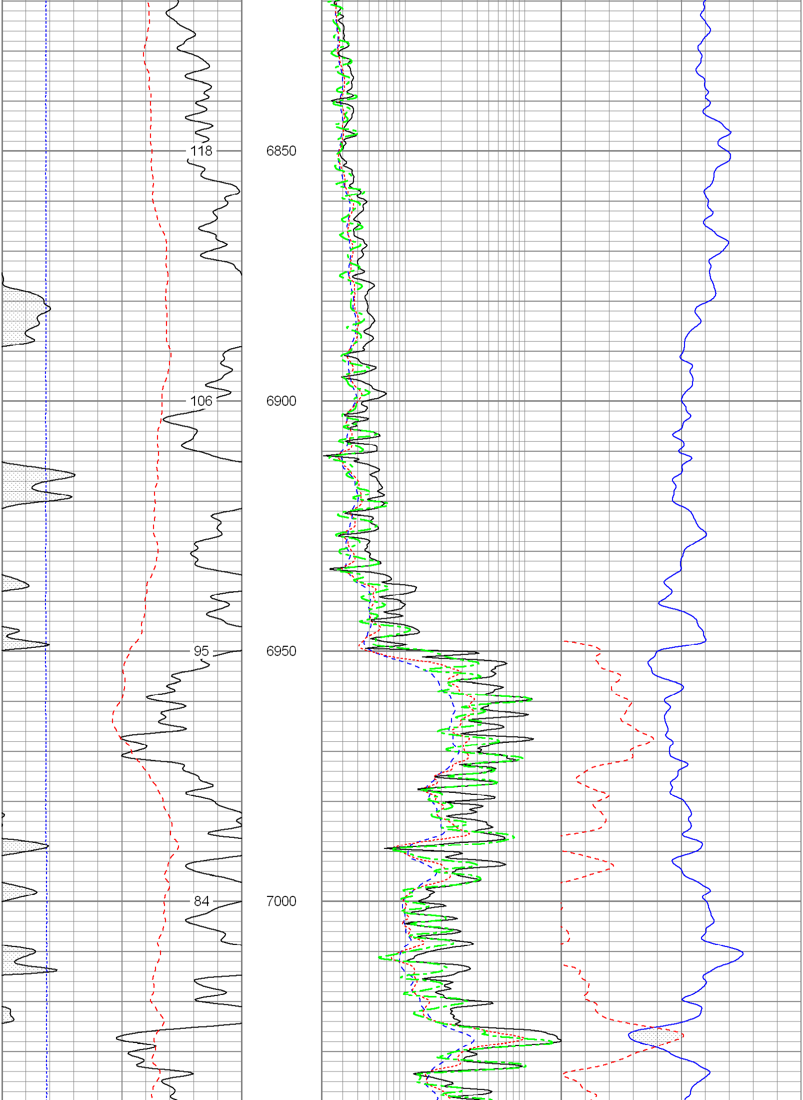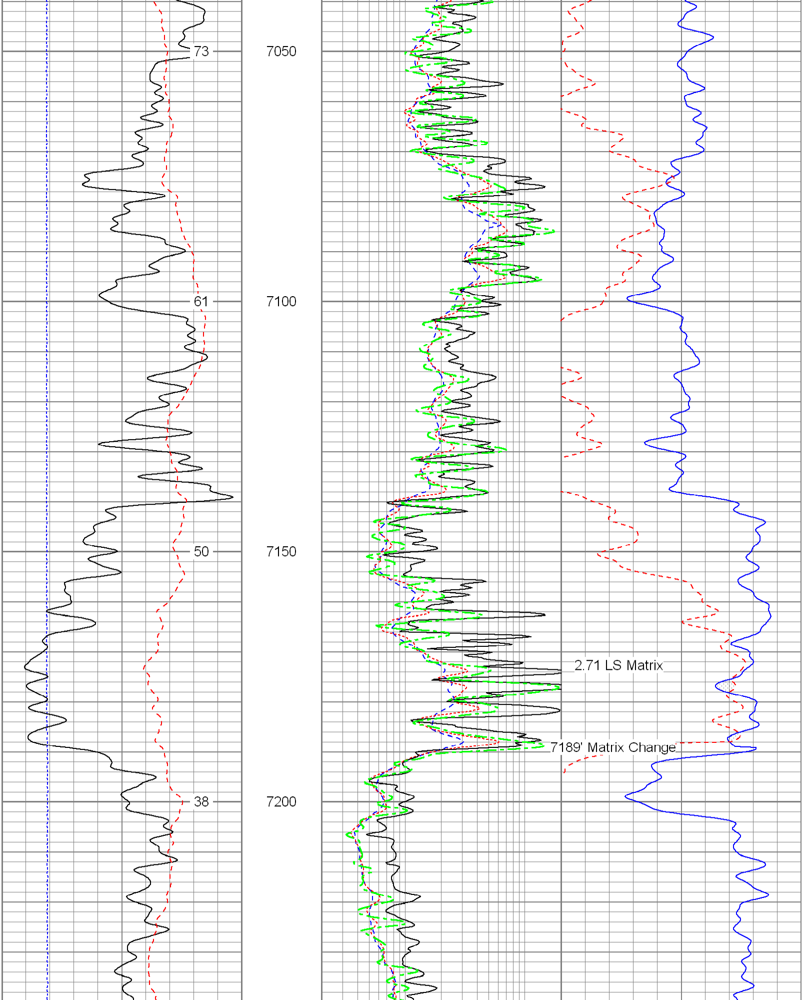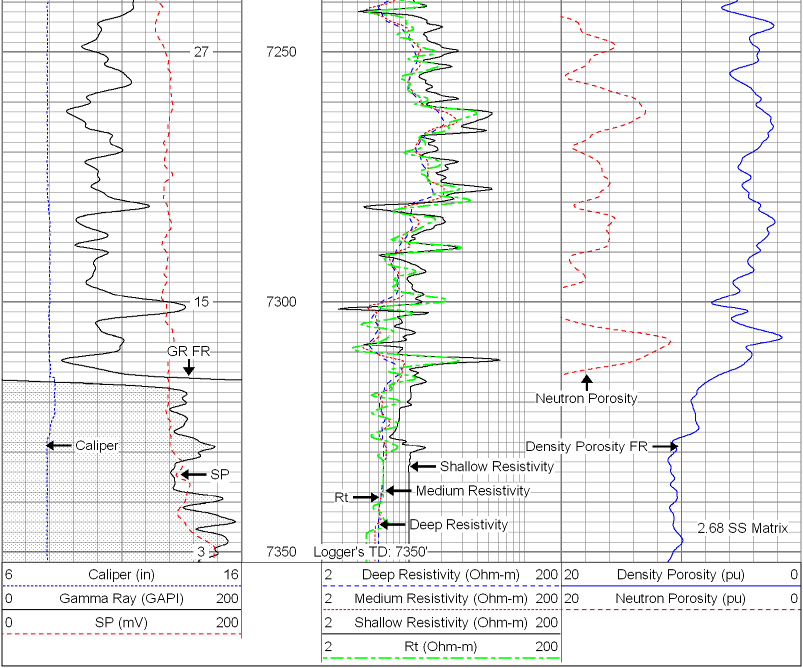6 Caliper (in) 16	2 Deep Resistivity (Ohm-m) 200	20 Density Porosity (pu) 0
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