Pioneer Energy Services

HIGH RESOLUTION INDUCTION
COMPENSATED DENSITY
COMPENSATED NEUTRON

Company Great Western Oil & Gas LLC
Well Peterson CX GH 30-28D
Field Wattenberg
County Weld
State Colorado

Company	Great Western Oil & Gas LLC		
Well	Peterson CX GH 30-28D		
Field	Wattenberg		
County	Weld	**State**	Colorado

Location: API # : 05123361700000

SHL: 1408' FNL & 2280' FEL SWNE
BHL: 14' FNL & 2641' FEL NENW

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	December 27, 2012		
Run Number	1		
Depth Driller	7019		
Depth Logger	7021		
Bottom Logged Interval	7021		
Top Log Interval	Casing		
Casing Driller	644		
Casing Logger	644		
Bit Size	7+7/8"		
Type Fluid in Hole	Chem Gel		
Density / Viscosity	9.4 / 57		
pH / Fluid Loss	8.0 / 9.5		
Source of Sample	Flowline		
Rm @ Meas. Temp	4.00 @ 55 F		
Rmf @ Meas. Temp	3.40 @ 55 F		
Rmc @ Meas. Temp	4.95 @ 55 F		
Source of Rmf / Rmc	Measure / Calc		
Rm @ BHT	1.09 @ 201 F		
Time Circulation Stopped	0100		
Time Logger on Bottom	0815		
Maximum Recorded Temperature	201 F		
Equipment Number	49		
Location	Brighton, CO		
Recorded By	Schuman		
Witnessed By	Armstrong	Johnson	Scribner

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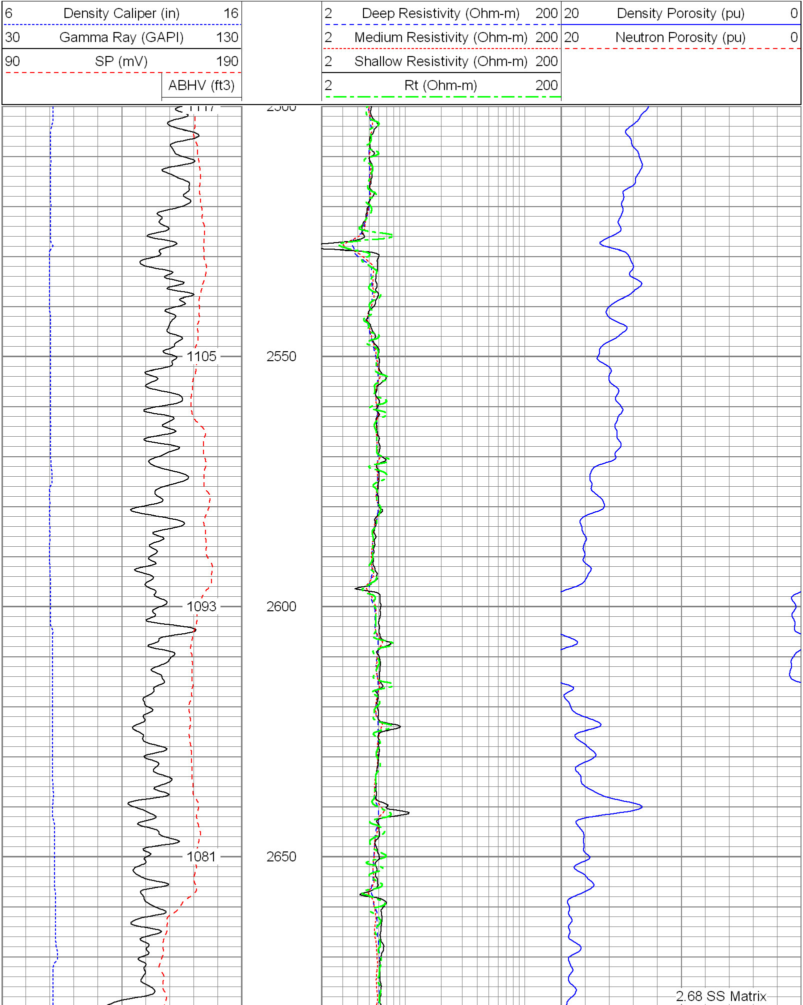
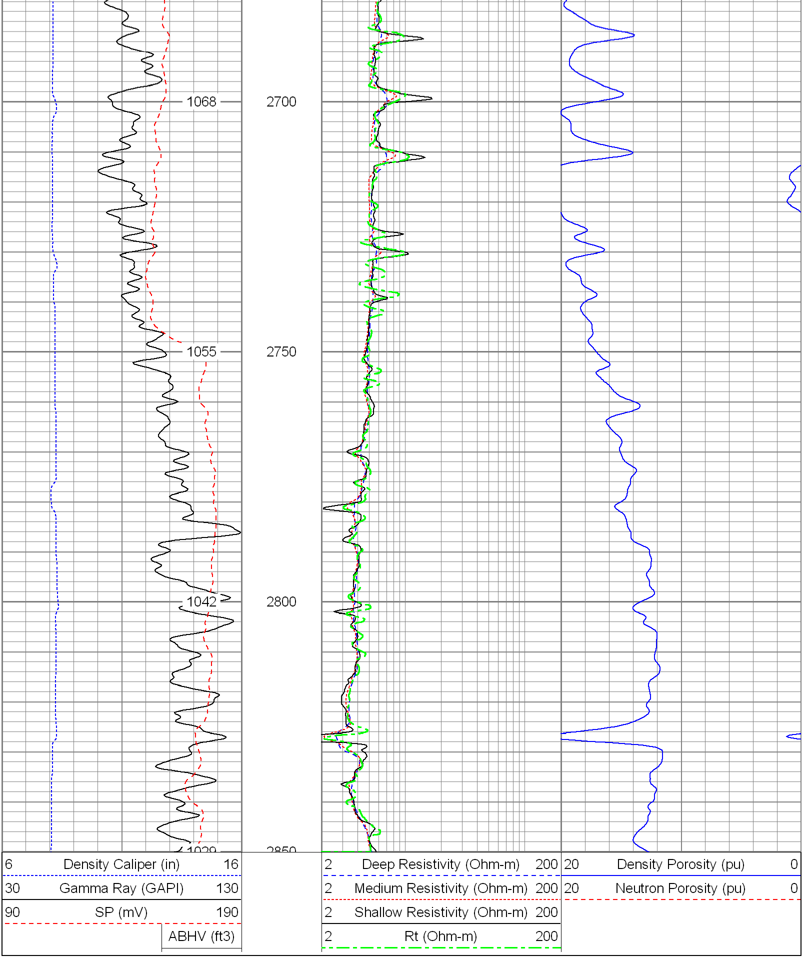
All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not be liable or responsible for any loss, costs, damages, 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 Energy Services!!
No repeat pass due to hole conditions.

Database File: 13259.db
Dataset Pathname: main
Presentation Format: pdc1
Dataset Creation: Thu Dec 27 09:28:10 2012
Charted by: Depth in Feet scaled 1:240





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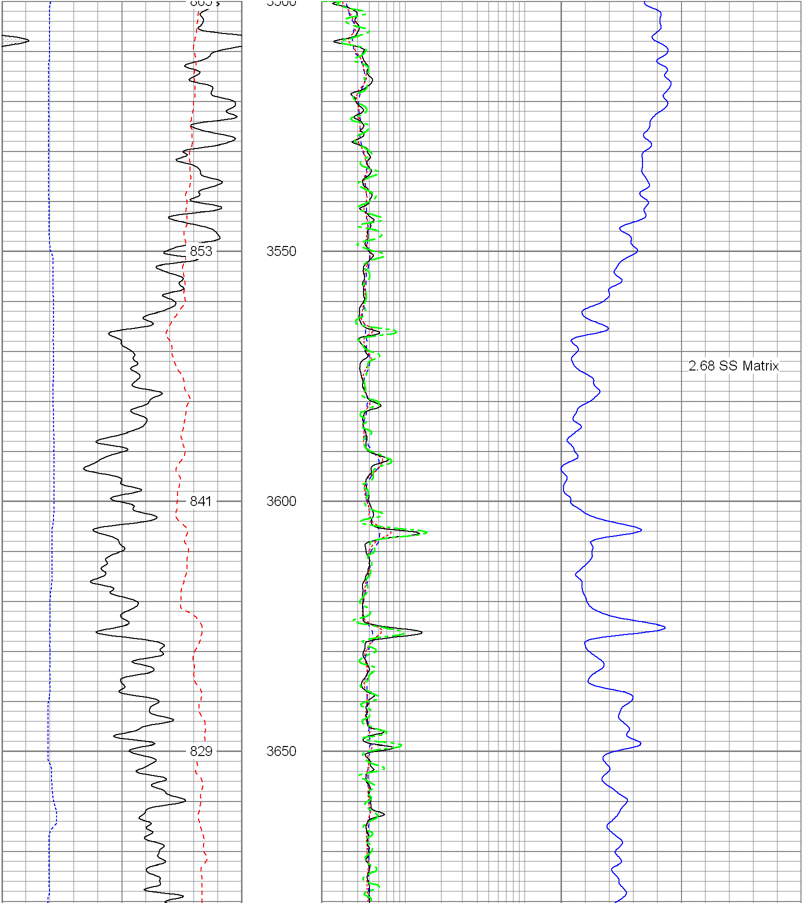
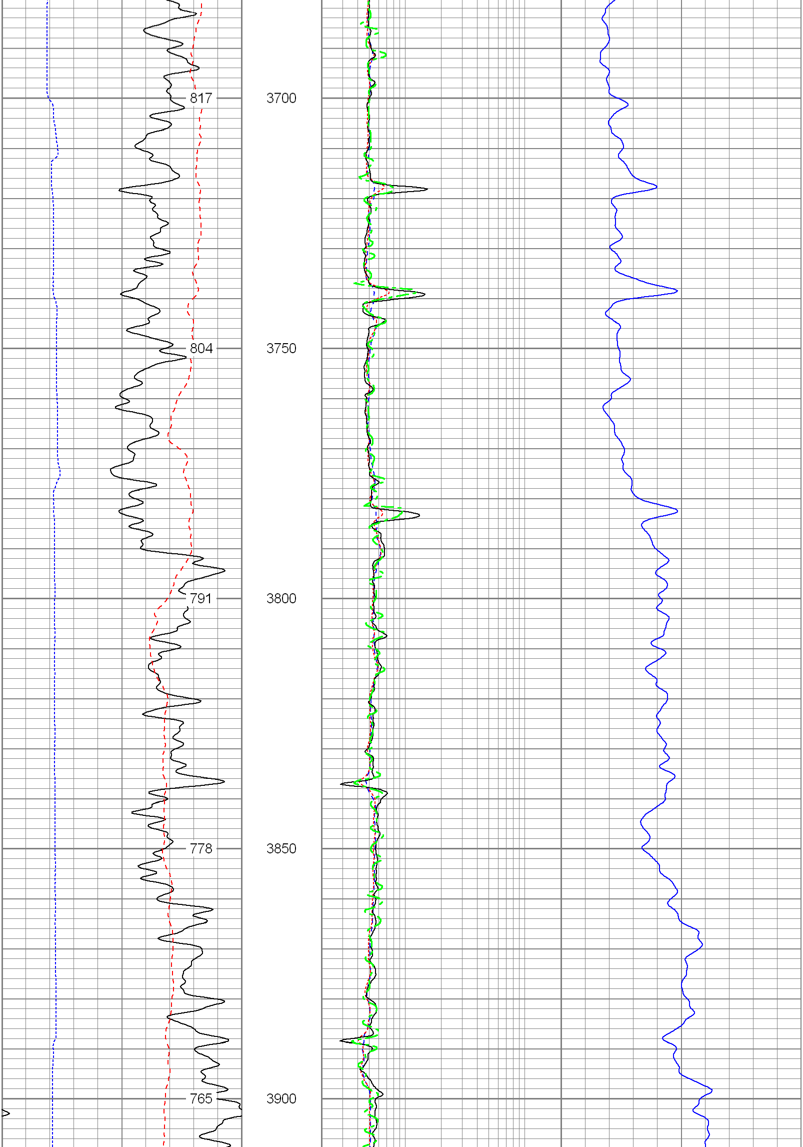
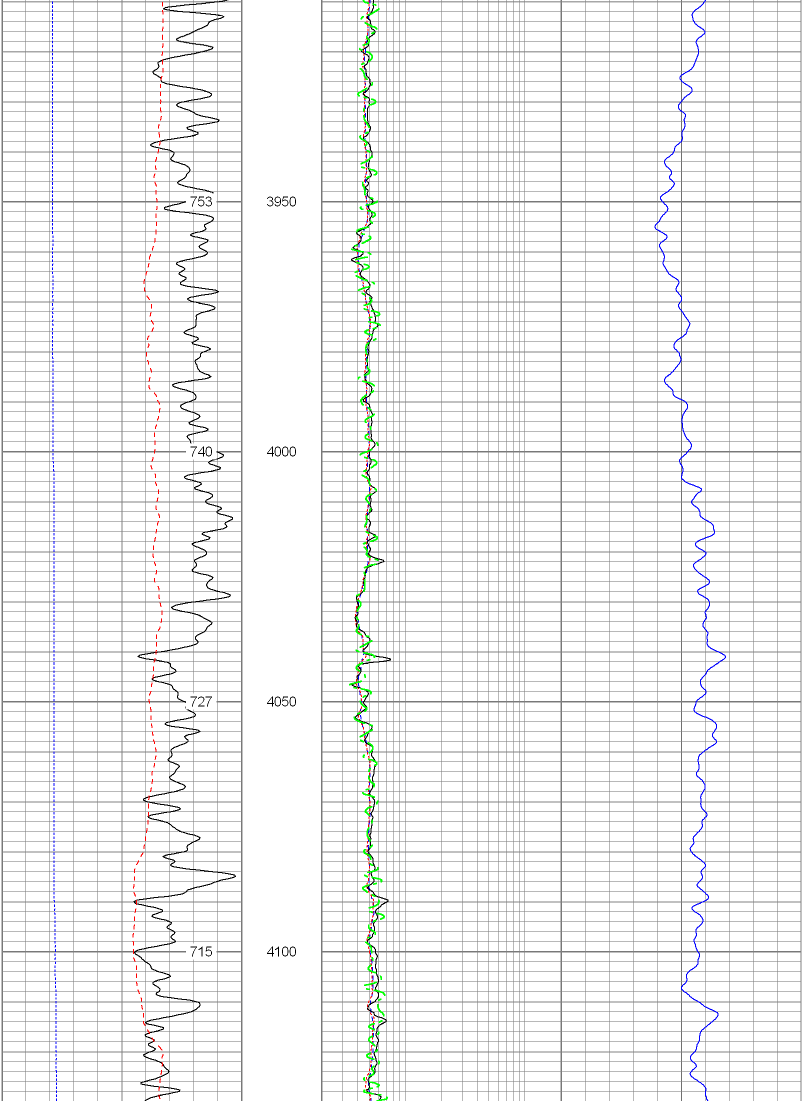
6 Density Caliper (in) 16
30 Gamma Ray (GAPI) 130
90 SP (mV) 190
ABHV (ft3)

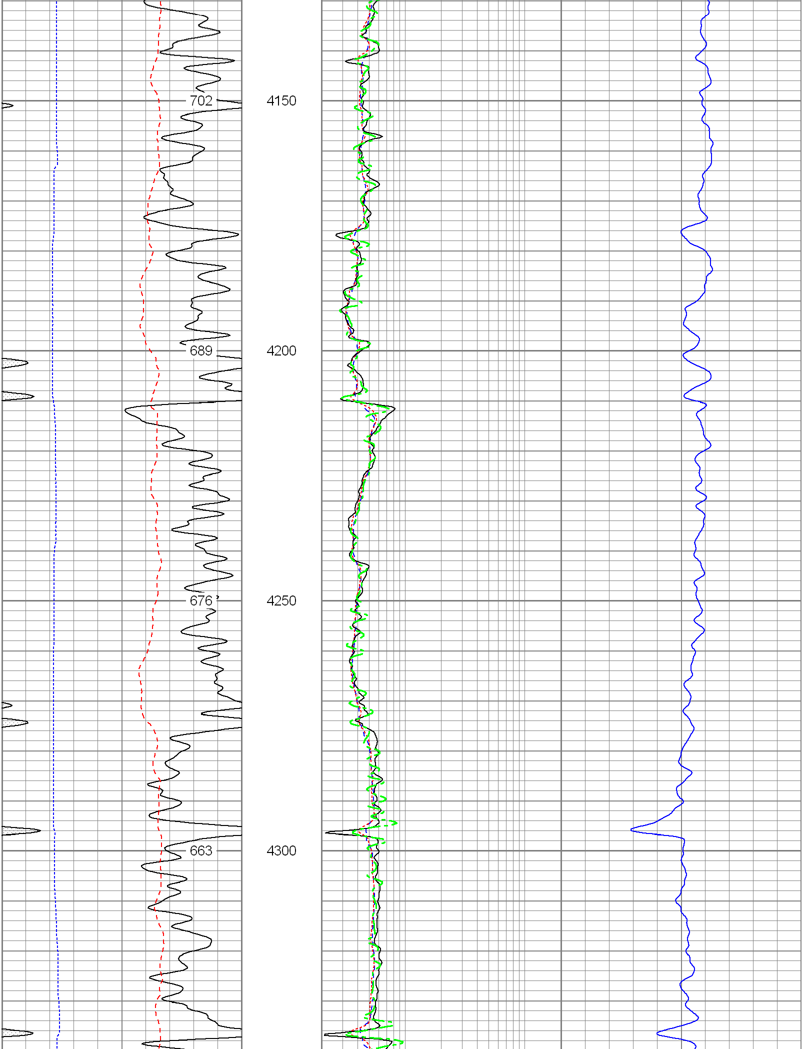
2 Deep Resistivity (Ohm-m) 200
2 Medium Resistivity (Ohm-m) 200
2 Shallow Resistivity (Ohm-m) 200
2 Rt (Ohm-m) 200

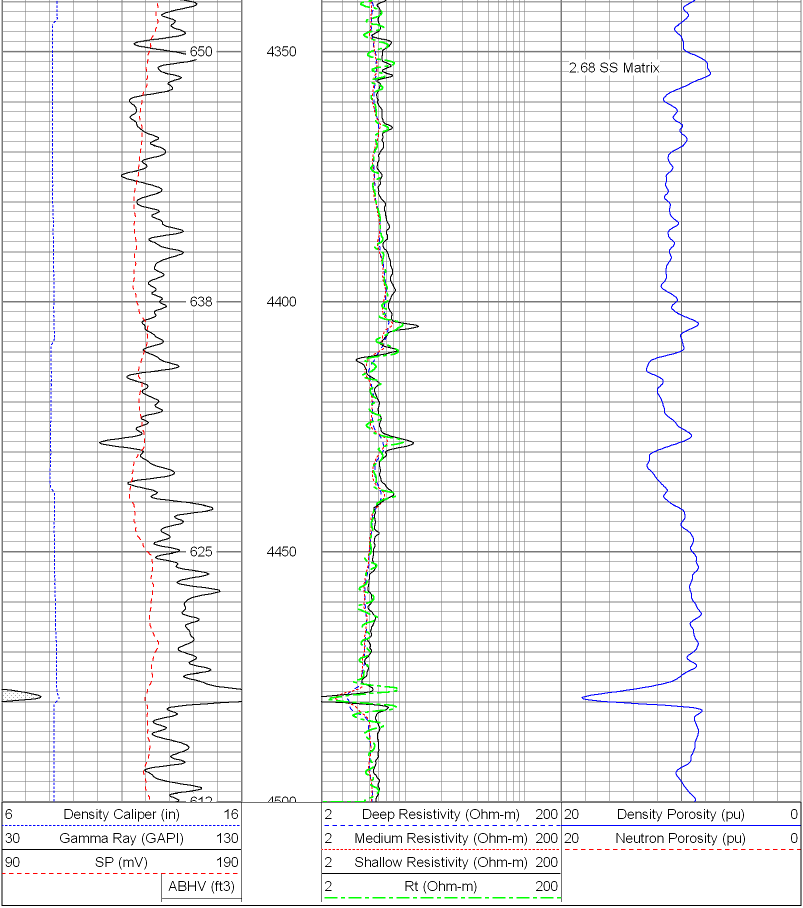
20 Density Porosity (pu) 0
20 Neutron Porosity (pu) 0











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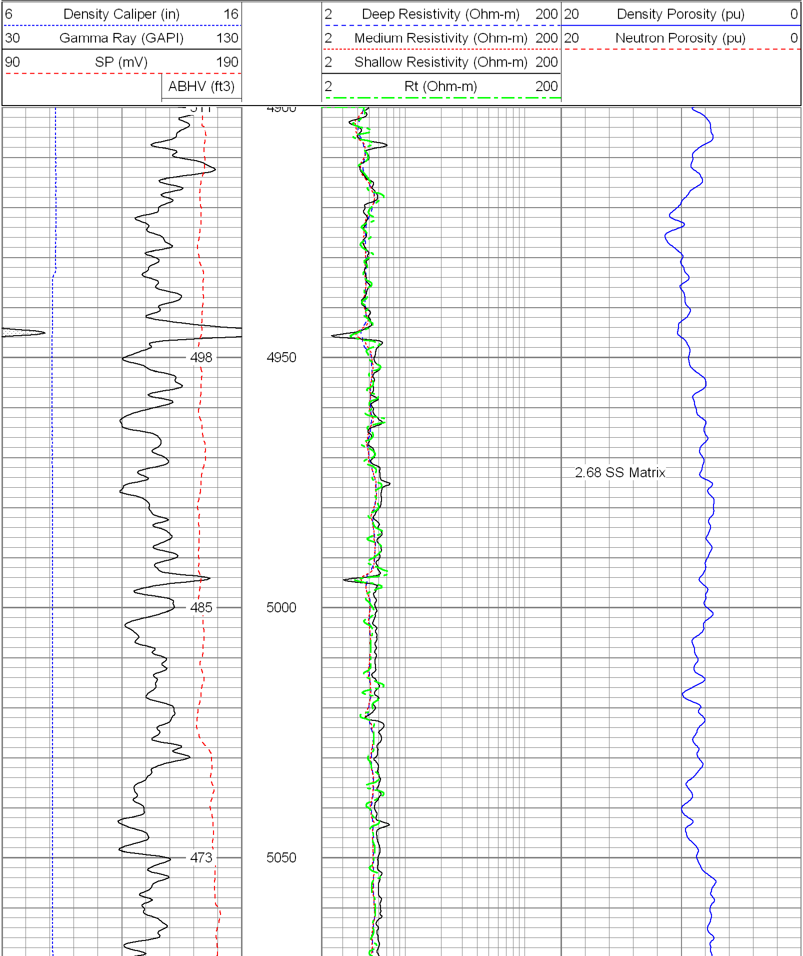

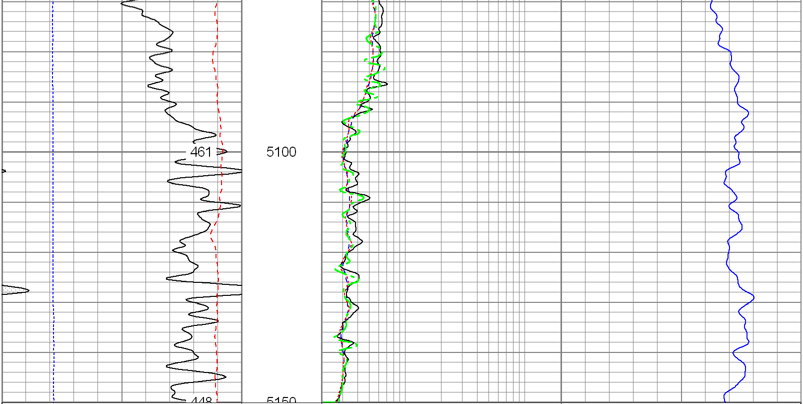

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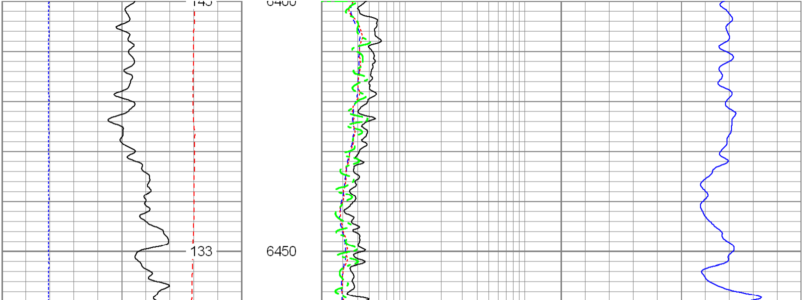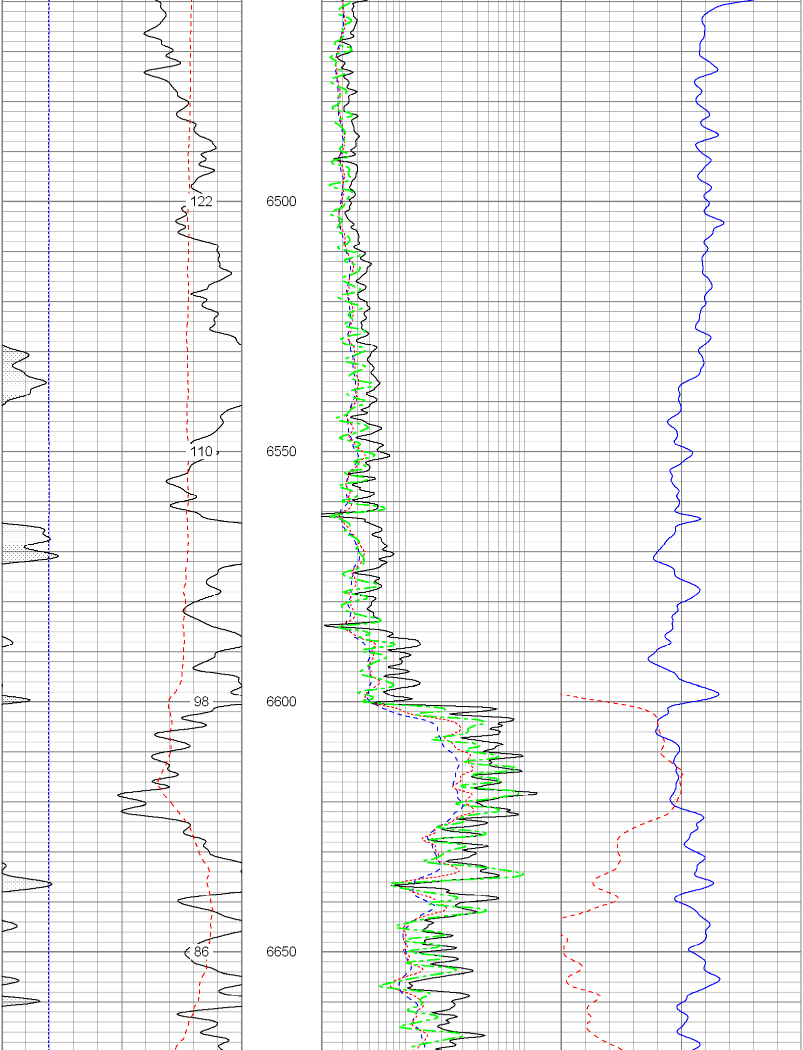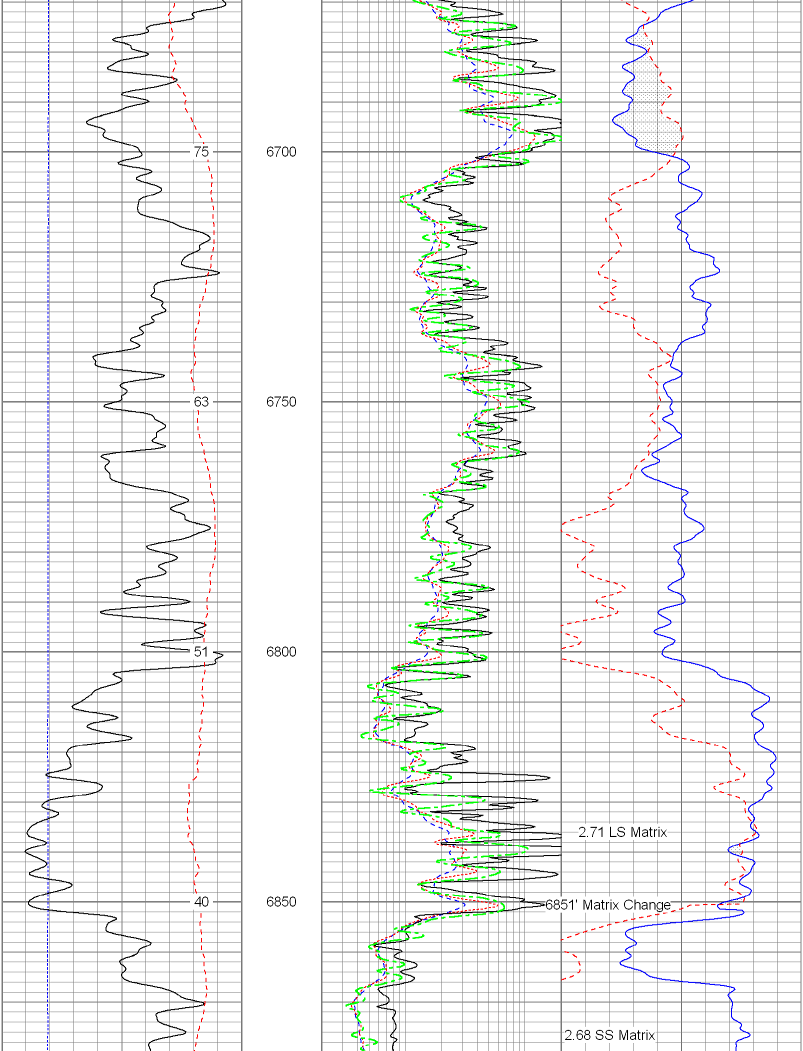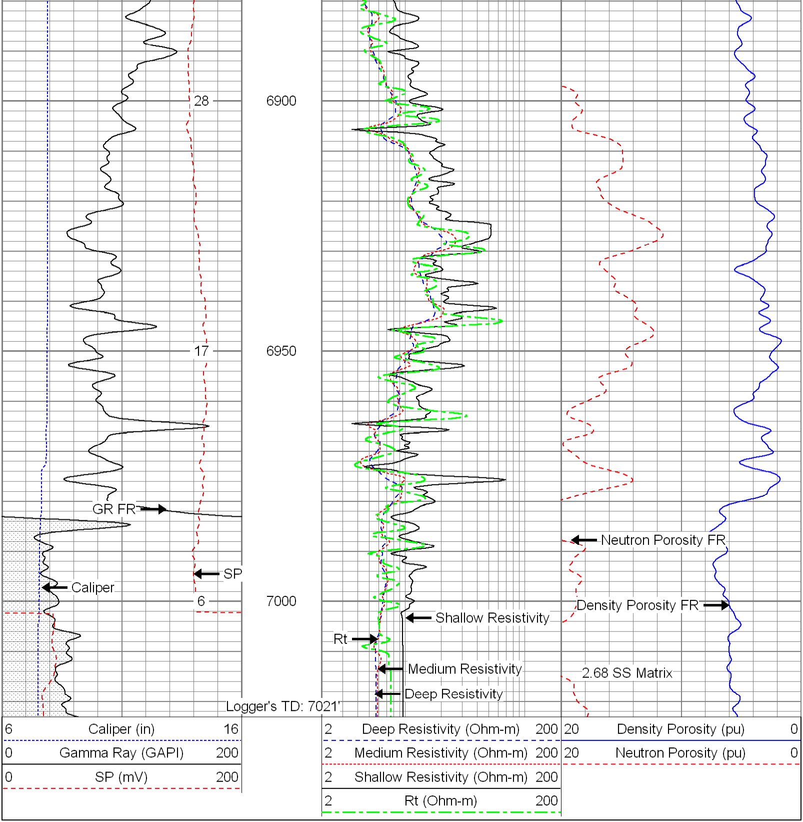20 Density Porosity (pu) 0
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