Company Bayswater Exploration and Production LLC
Well Blehm 16-19
Field Wattenberg
County Weld
State Colorado

PIONEER
Pioneer Energy Services

HIGH RESOLUTION INDUCTION COMPENSATED DENSITY COMPENSATED NEUTRON

Company Bayswater Exploration and Production LLC
Well Blehm 16-19
Field Wattenberg
County Weld **State** Colorado

Location: API # : 05123376950000
SHL: 1785' FSL & 503' FEL NESE
BHL: 674' FSL & 682' FEL SESE
SEC 19 TWP 7N RGE 67W

Other Services
None

Permanent Datum GL Elevation 4978
Log Measured From KB
Drilling Measured From KB

Elevation
K.B. 4991
D.F. 4991
G.L. 4978

Date	January 5, 2014		
Run Number	1		
Depth Driller	7325		
Depth Logger	7326		
Bottom Logged Interval	7326		
Top Log Interval	Casing		
Casing Driller	793		
Casing Logger	793		
Bit Size	7-7/8"		
Type Fluid in Hole	Chem Gel		
Density / Viscosity	9.4 / 42		
pH / Fluid Loss	9.0 / 10.8		
Source of Sample	Flowline		
Rm @ Meas. Temp	3.91 @ 50 F		
Rmf @ Meas. Temp	3.13 @ 50 F		
Rmc @ Meas. Temp	4.69 @ 50 F		
Source of Rmf / Rmc	Measure / Calc		
Rm @ BHT	0.95 @ 206 F		
Time Circulation Stopped	0700		
Time Logger on Bottom	1530		
Maximum Recorded Temperature	206 F		
Equipment Number	49		
Location	Brighton, CO		
Recorded By	Matt Gill		
Witnessed By	Don Patton	Joe Richardson	

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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

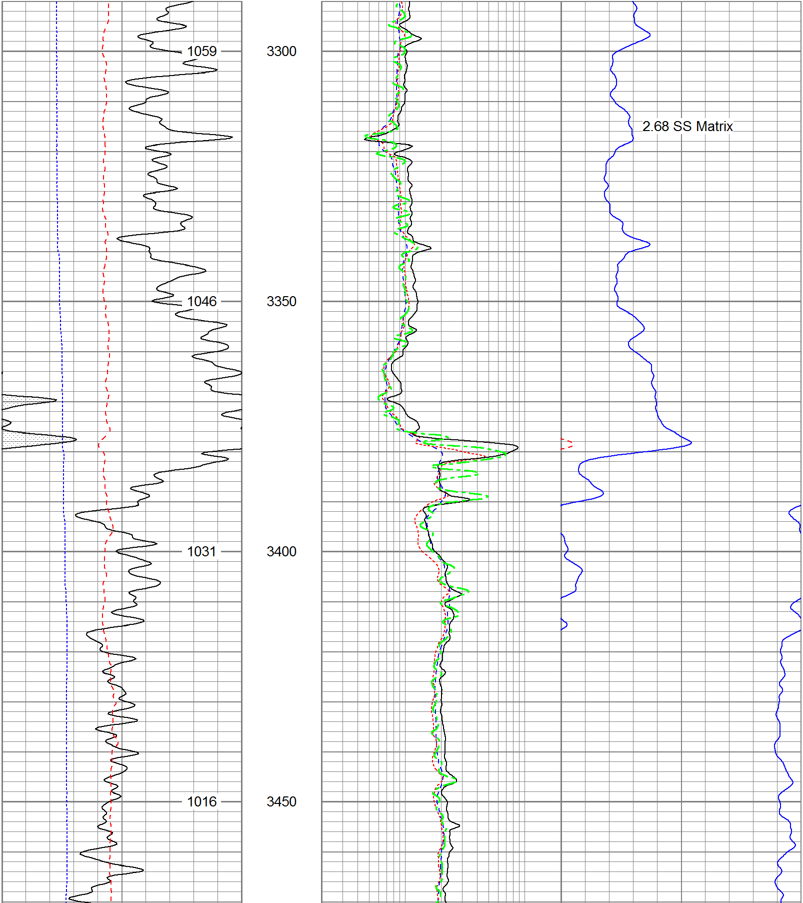
Annular volume calculated for 4.5" casing
Ensign Drilling Rig 122
Thank you for using Pioneer Energy Services

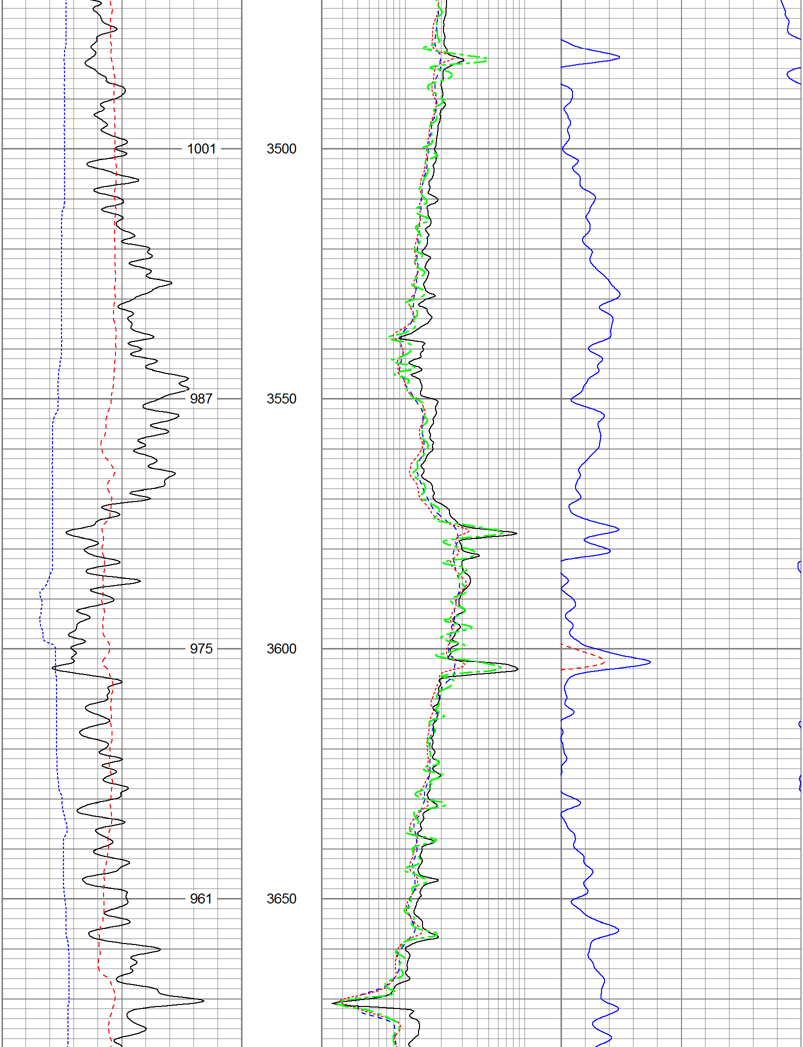
Database File: 13400.db
Dataset Pathname: final
Presentation Format: pdc1
Dataset Creation: Sun Jan 05 15:44:40 2014
Charted by: Depth in Feet scaled 1:240

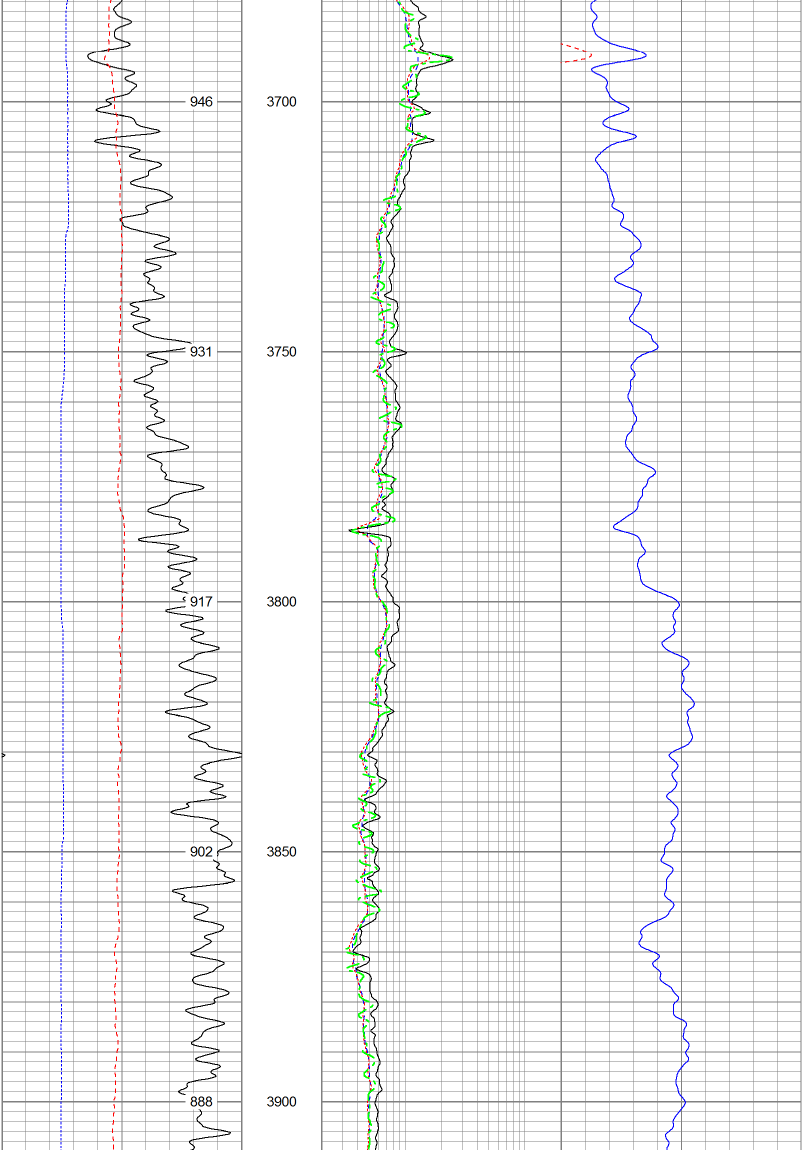
6 Density Caliper (in) 16
30 Gamma Ray (GAPI) 130
20 SP (mV) 120
ABHV (ft3)

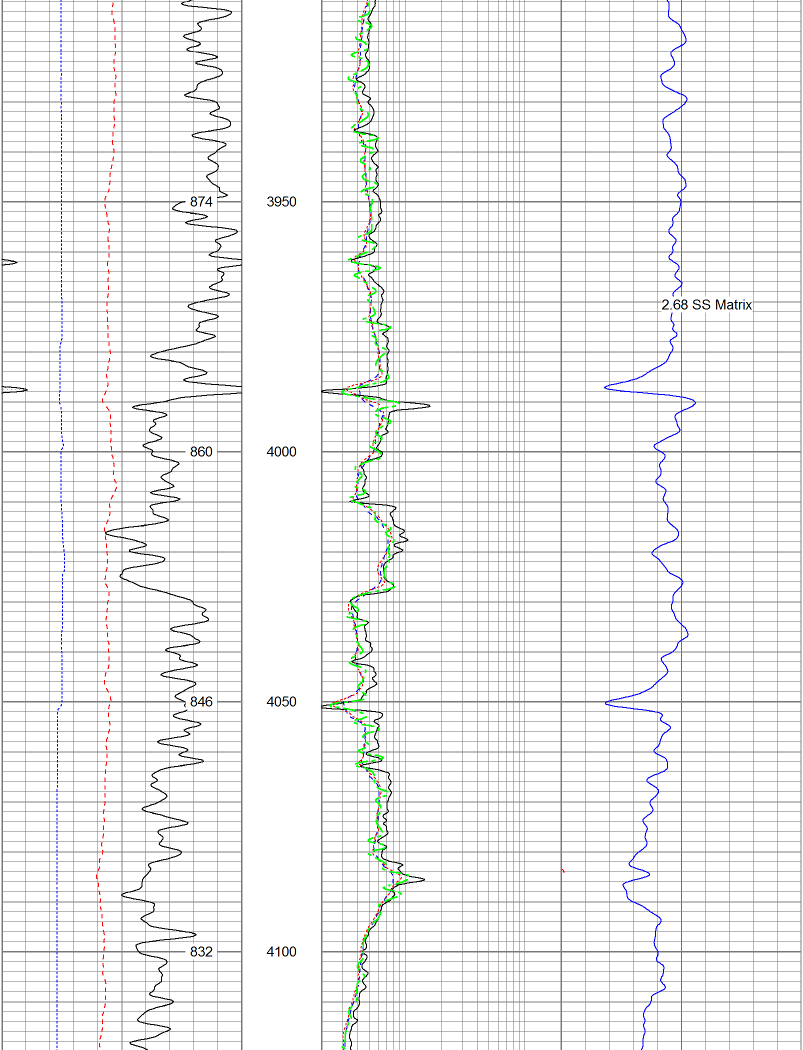
2 Deep Resistivity (Ohm-m) 200
2 Medium Resistivity (Ohm-m) 200
2 Shallow Resistivity (Ohm-m) 200
2 Rt (Ohm-m) 200

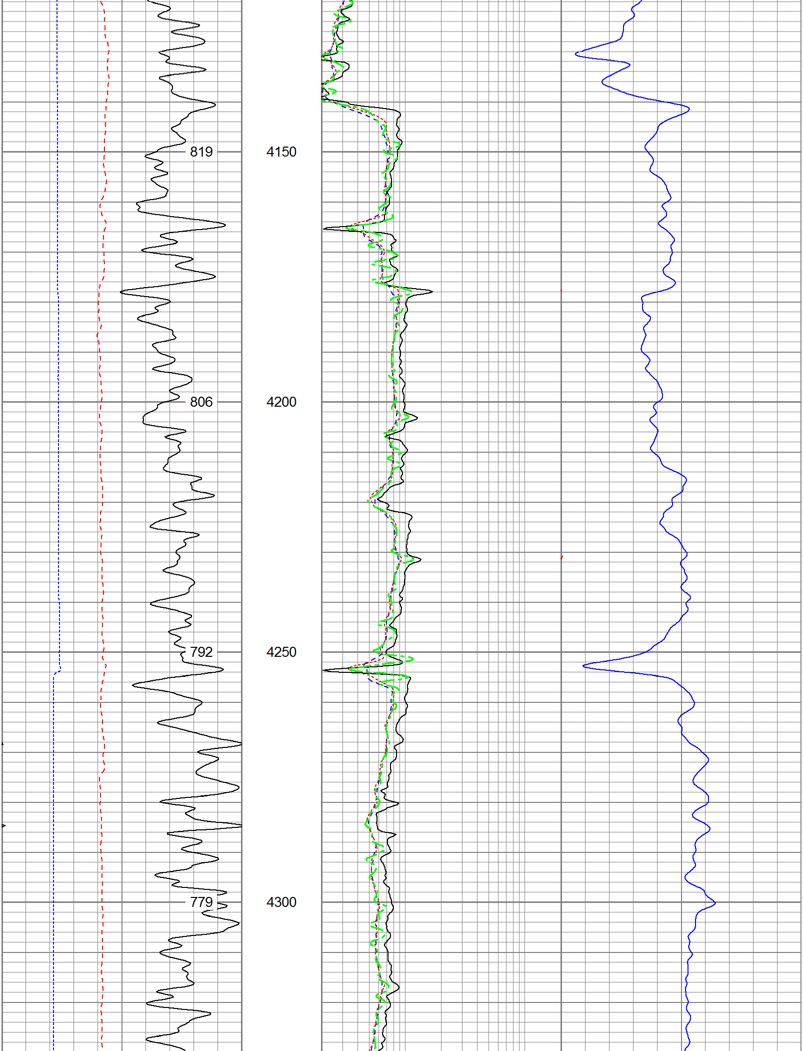
20 Density Porosity (pu) 0
20 Neutron Porosity (pu) 0

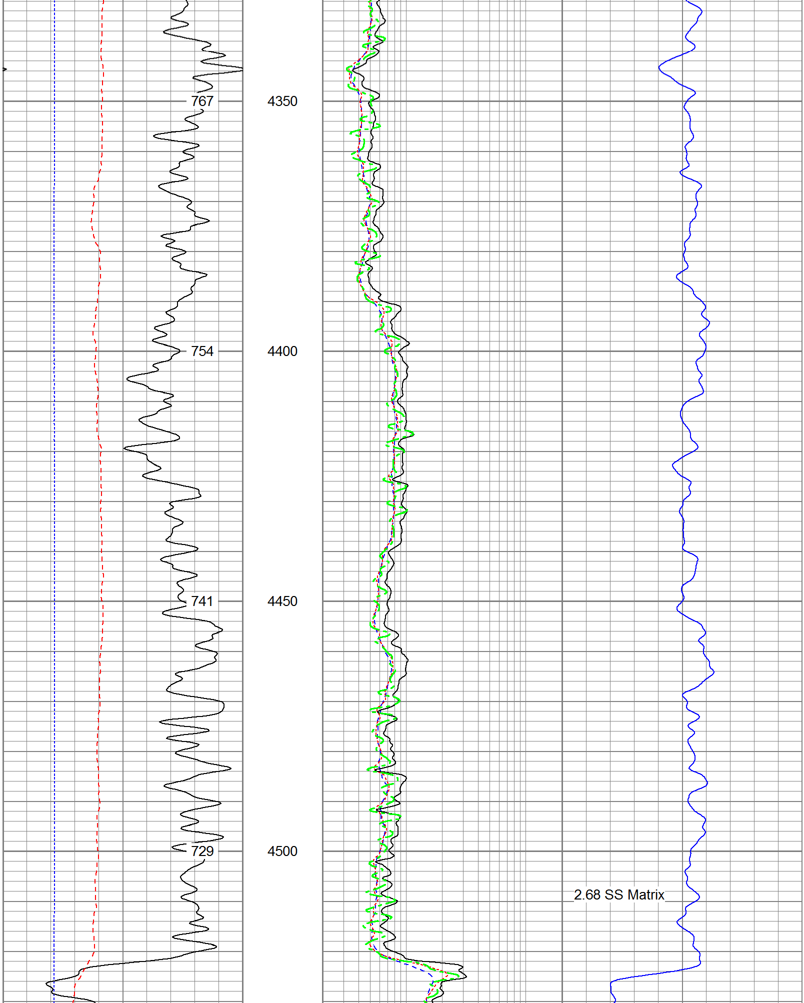


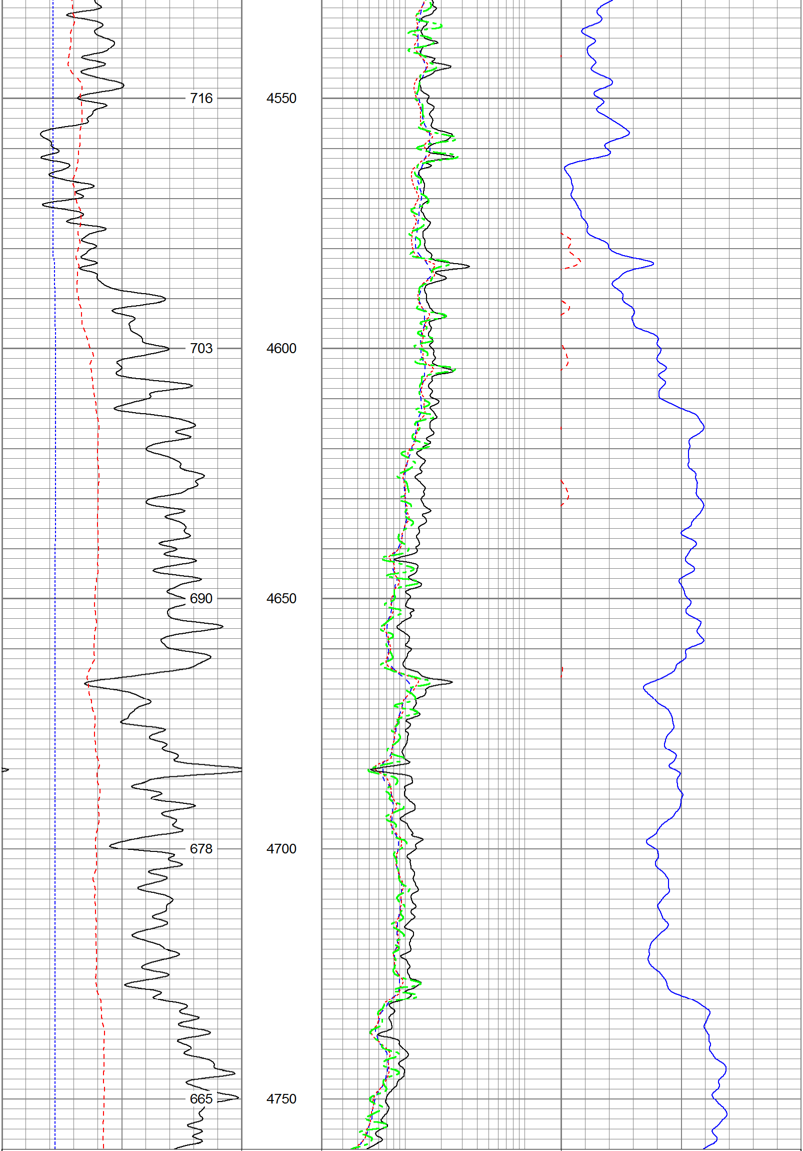












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ABHV (ft3)		2 Rt (Ohm-m) 200	

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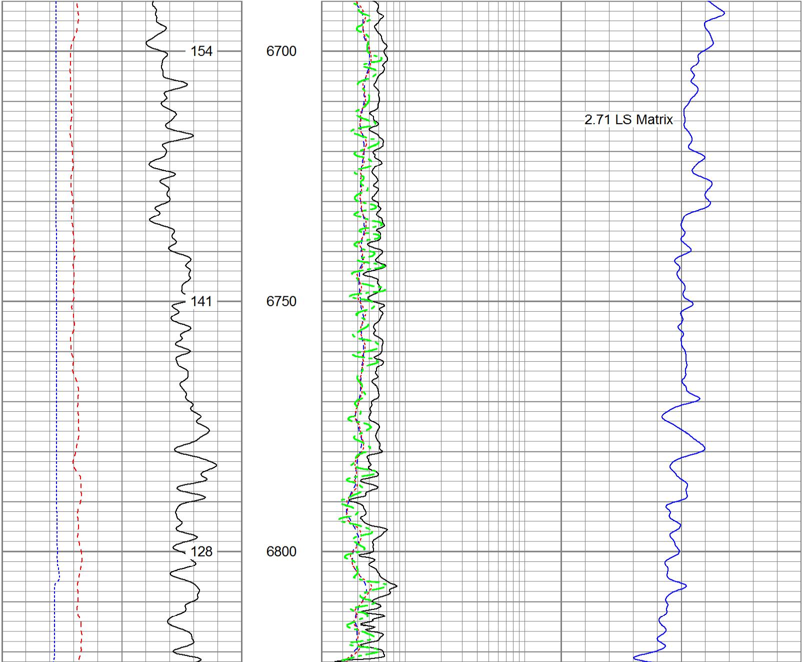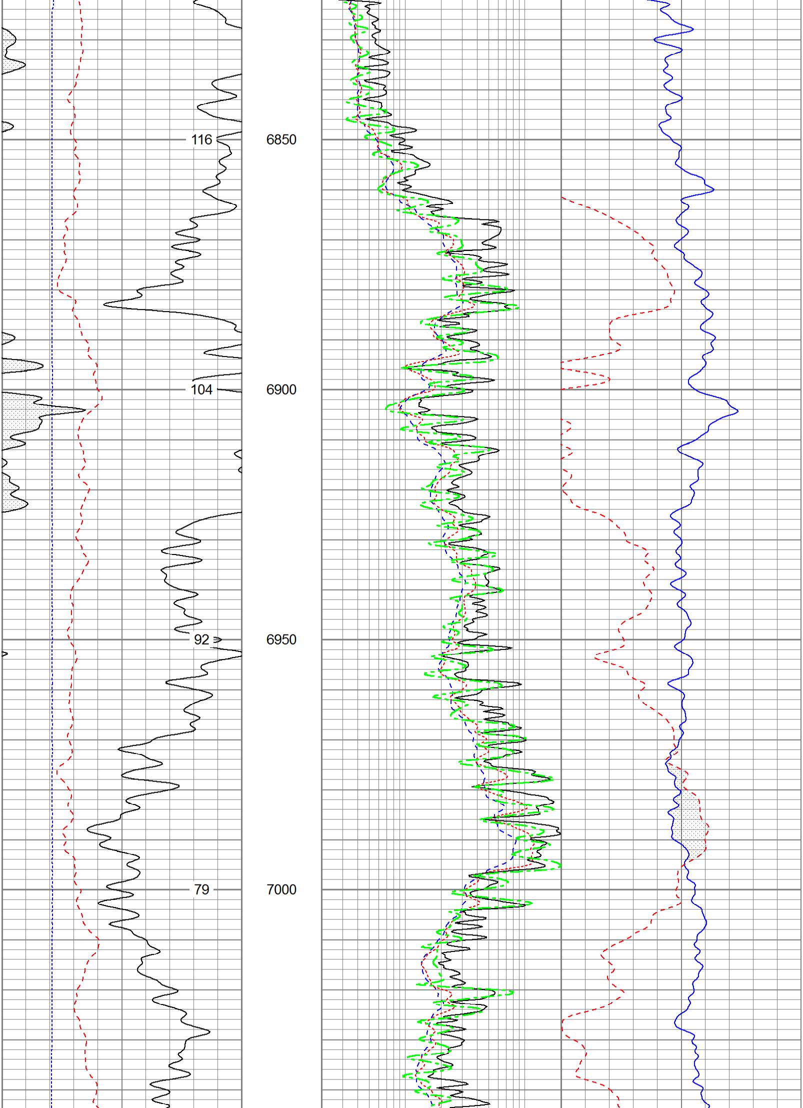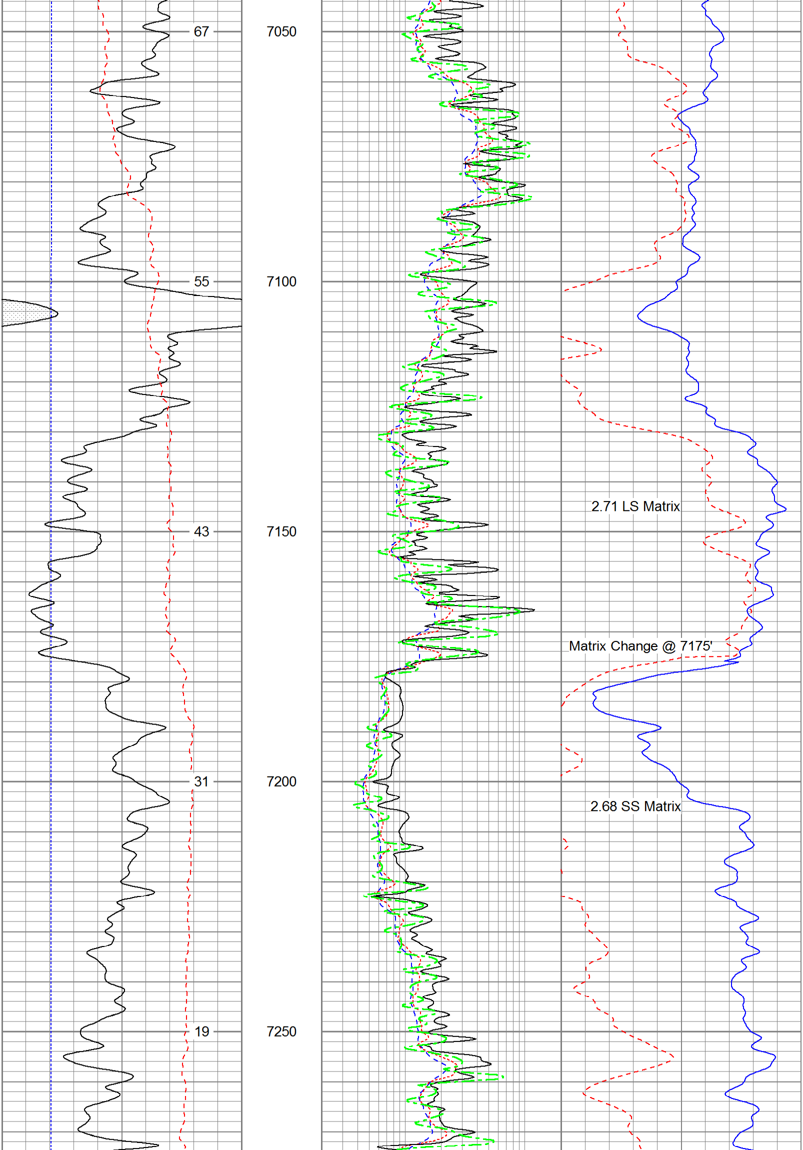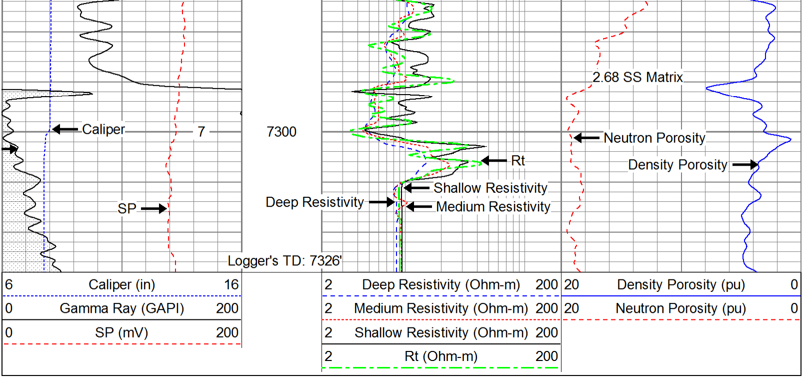6 Caliper (in) 16		2 Deep Resistivity (Ohm-m) 200	20 Density Porosity (pu) 0
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