PIONEER

Pioneer Energy Services

HIGH RESOLUTION INDUCTION COMPENSATED DENSITY COMPENSATED NEUTRON

Company	Bayswater Exploration & Prod. LLC
Well	Milne 23-18
Field	Eaton
County	Weld
State	Colorado

Company	**Bayswater Exploration & Prod. LLC**		
Well	**Milne 23-18**		
Field	**Eaton**		
County	**Weld**	**State**	**Colorado**

Location: API # : 05123358370000

SHL: 699' FSL & 2033' FEL SWSE
BHL: 1347' FSL & 2604' FEL NWSE

SEC 18 TWP 6N RGE 65W

Other Services
None

Permanent Datum	GL	Elevation	4755
Log Measured From	KB		
Drilling Measured From	KB		

Elevation
K.B. 4771
D.F. 4770
G.L. 4755

Date	January 5, 2012		
Run Number	1		
Depth Driller	7425		
Depth Logger	7424		
Bottom Logged Interval	7424		
Top Log Interval	Casing		
Casing Driller	543		
Casing Logger	543		
Bit Size	7+7/8"		
Type Fluid in Hole	Chem Gel		
Density / Viscosity	9.4 / 52		
pH / Fluid Loss	8.0 / 10.0		
Source of Sample	Flowline		
Rm @ Meas. Temp	3.62 @ 51 F		
Rmf @ Meas. Temp	2.81 @ 51 F		
Rmc @ Meas. Temp	4.43 @ 51 F		
Source of Rmf / Rmc	Measure / Calc		
Rm @ BHT	0.95 @ 205 F		
Time Circulation Stopped	0900		
Time Logger on Bottom	1640		
Maximum Recorded Temperature	205 F		
Equipment Number	49		
Location	Brighton, CO		
Recorded By	Clint Christensen		
Witnessed By	Mark Brown		

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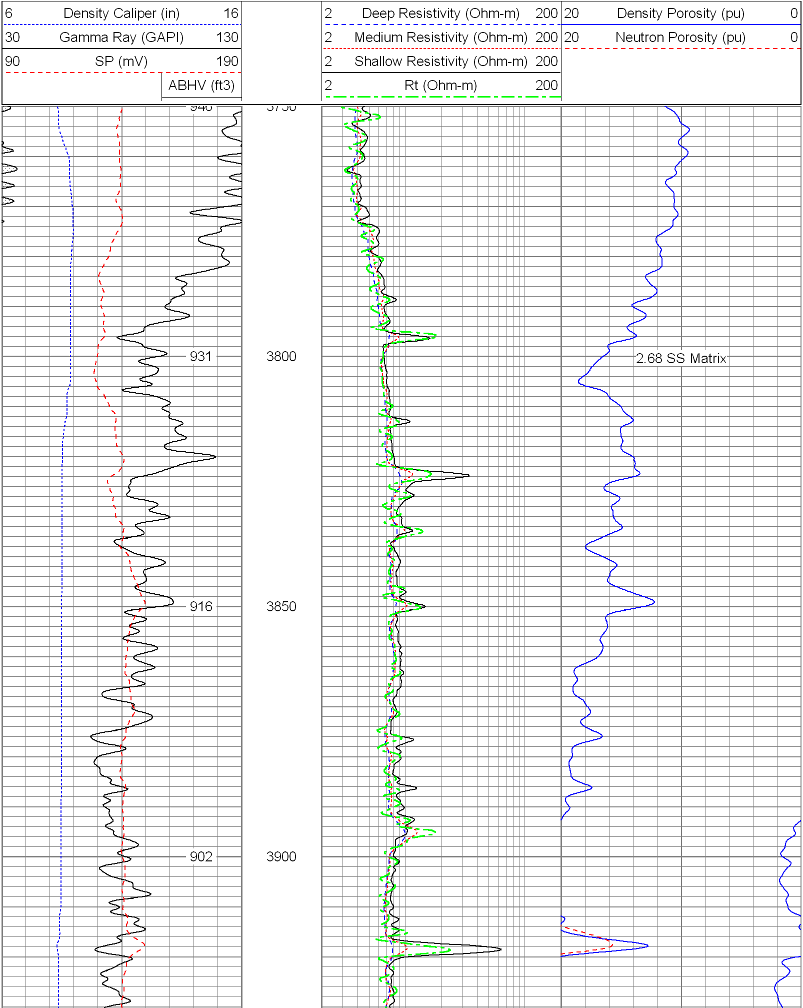
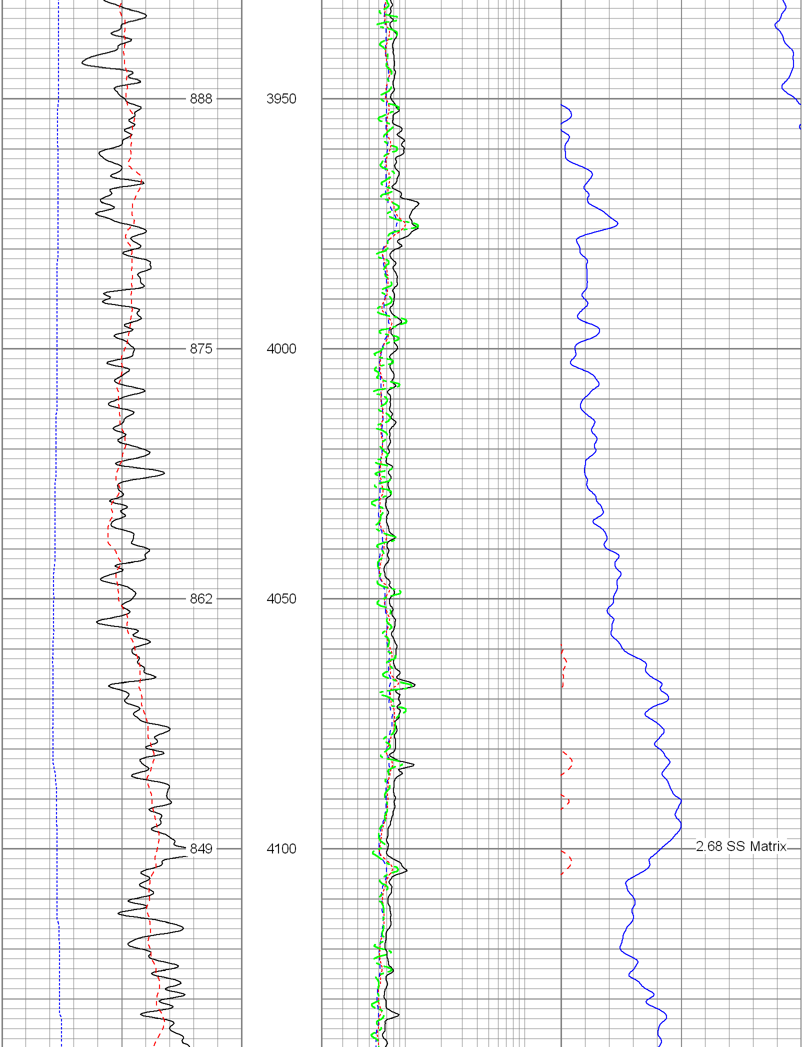
All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not be liable or responsible for any loss, costs, damages,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

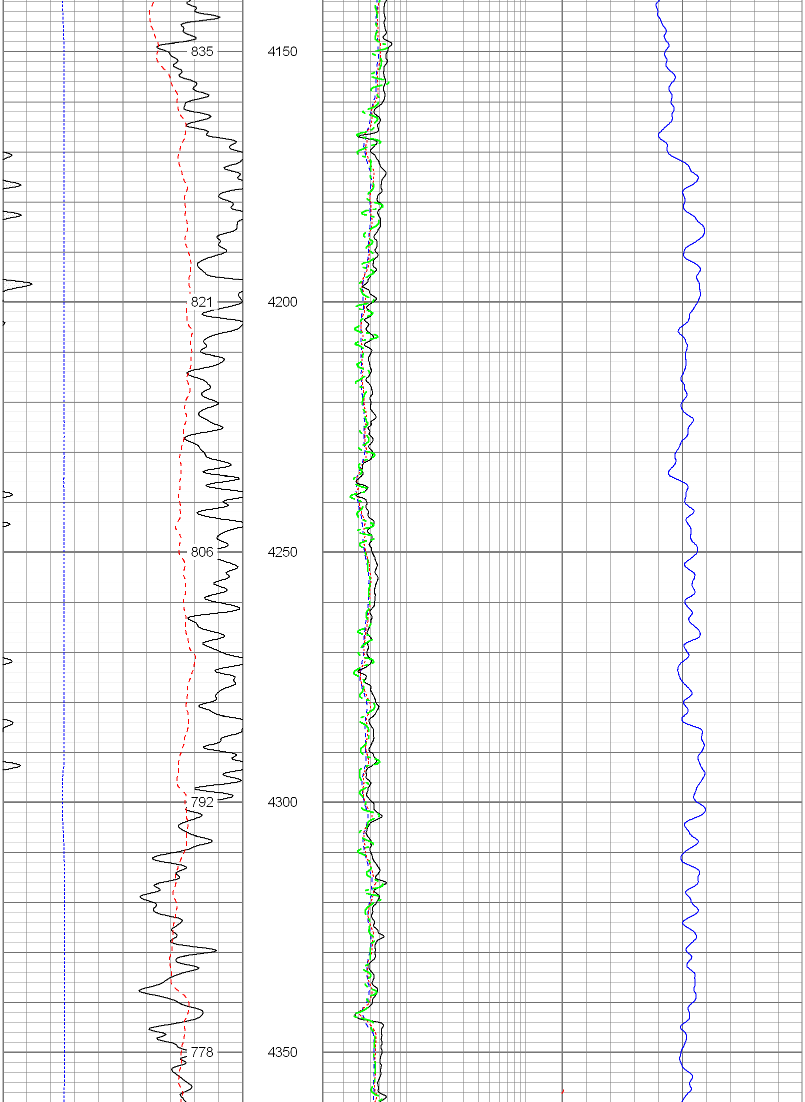
Comments

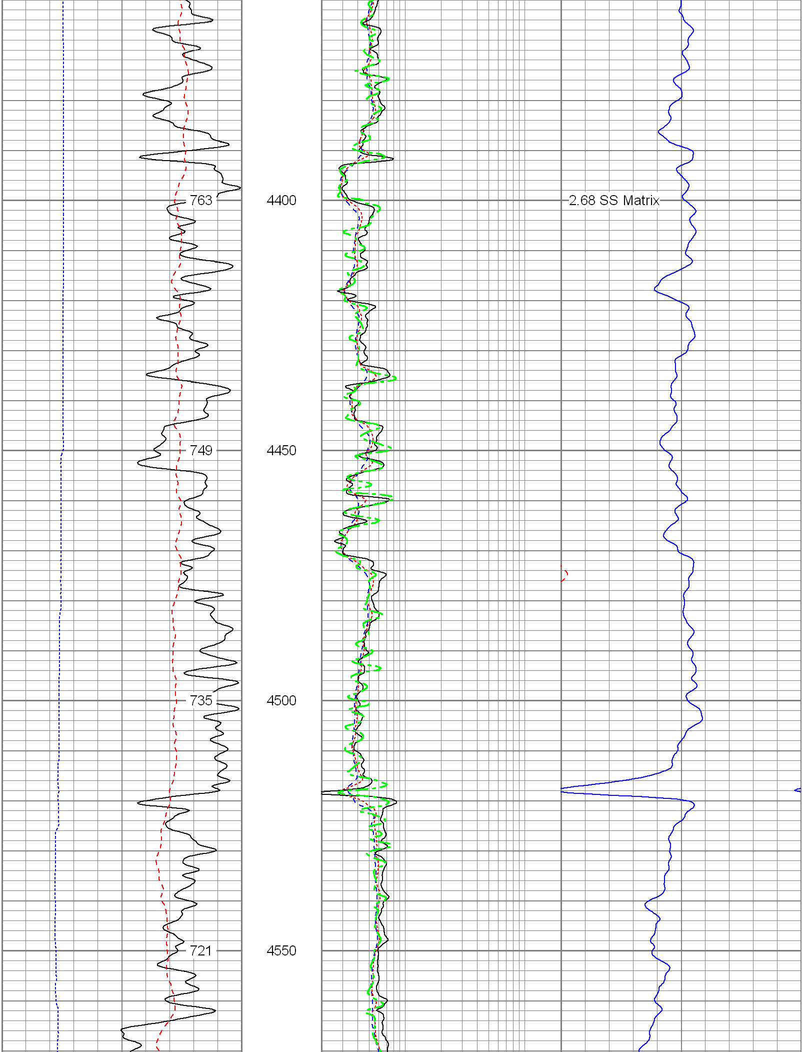
Annular volume calculated for 4.5" casing
Ensign Drilling Rig 7
Thank you for using Pioneer Energy Services.

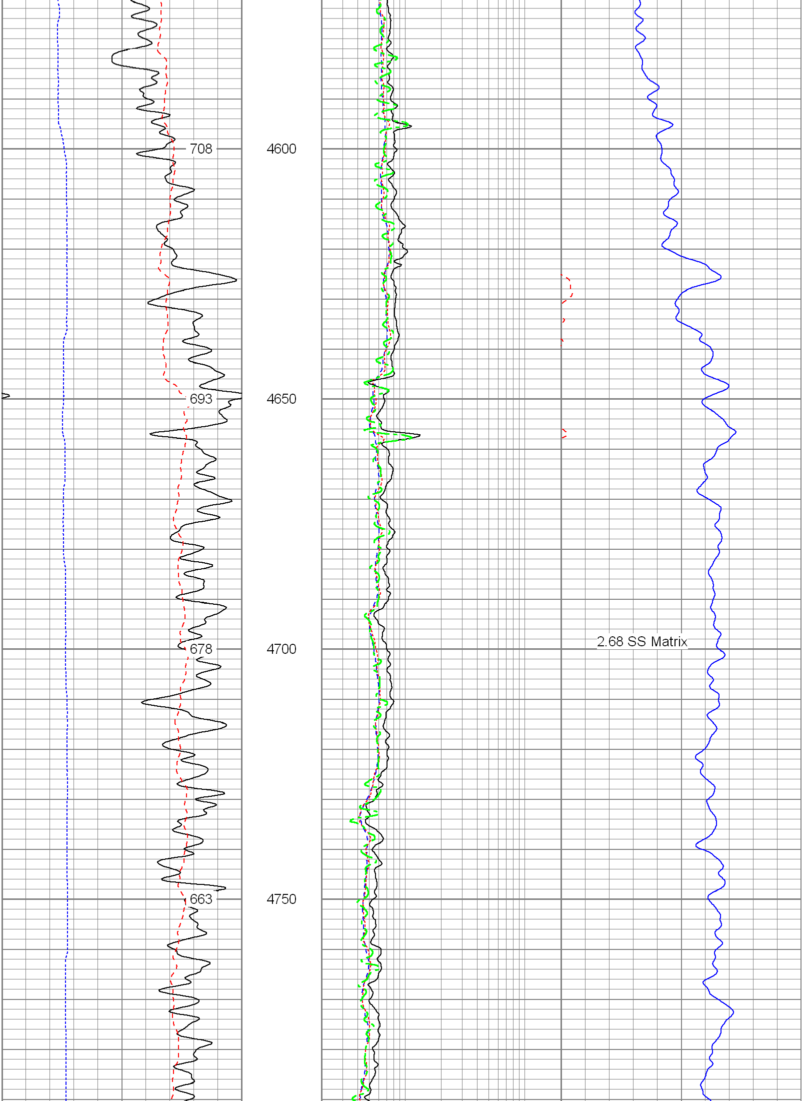
Database File: 13265.db
Dataset Pathname: final
Presentation Format: pdc1
Dataset Creation: Sat Jan 05 17:17:13 2013
Charted by: Depth in Feet scaled 1:240

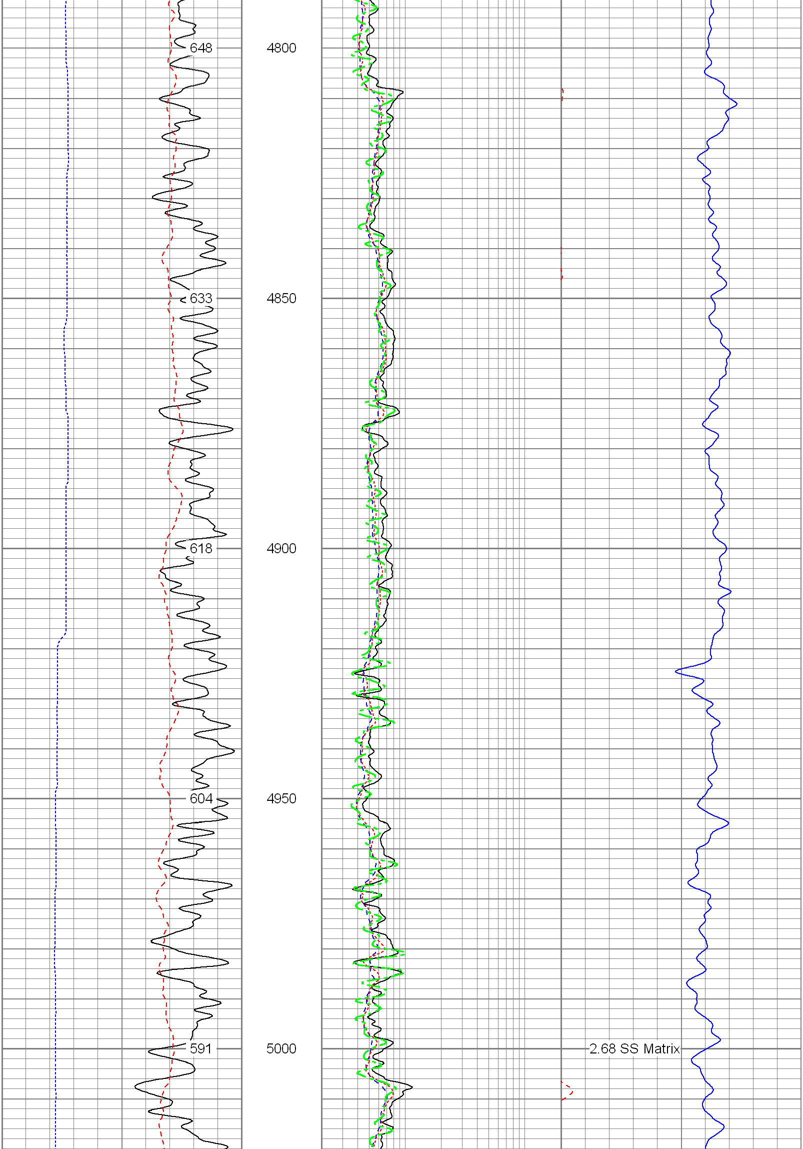


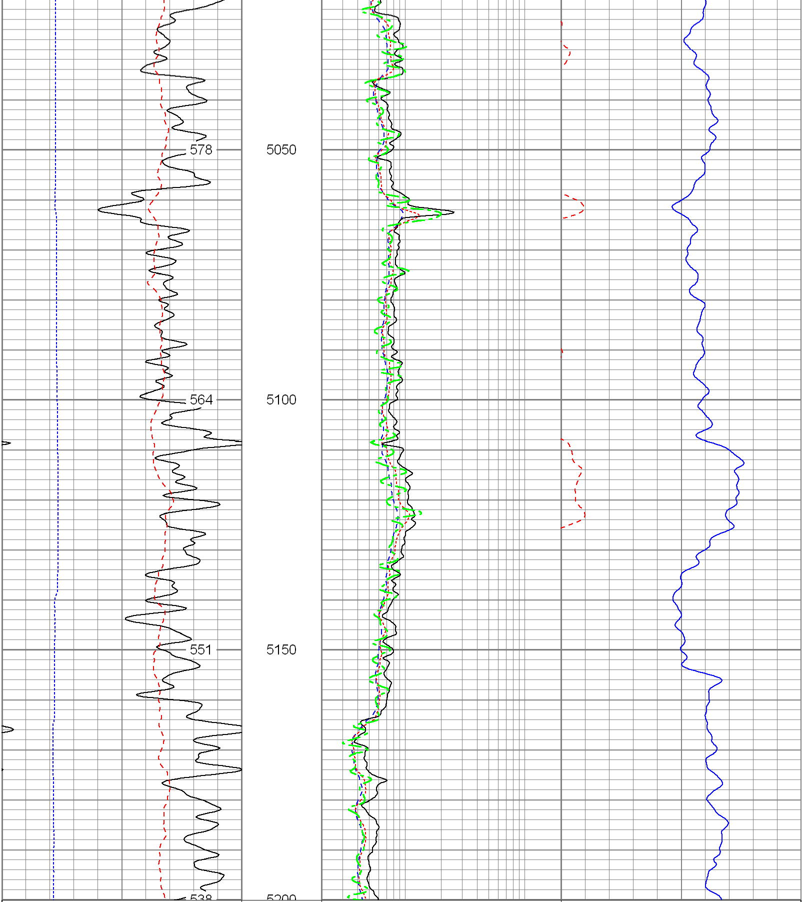












6 Density Caliper (in) 16	2 Deep Resistivity (Ohm-m) 200	20 Density Porosity (pu) 0
30 Gamma Ray (GAPI) 130	2 Medium Resistivity (Ohm-m) 200	20 Neutron Porosity (pu) 0
90 SP (mV) 190	2 Shallow Resistivity (Ohm-m) 200	
ABHV (ft3)	2 Rt (Ohm-m) 200	

Database File:	13265.db
Dataset Pathname:	final
Presentation Format:	pdc
Dataset Creation:	Sat Jan 05 17:17:13 2013
Charted by:	Depth in Feet scaled 1:240

6 Caliper (in) 16

0 Gamma Ray (GAPI) 200

0 SP (mV) 200

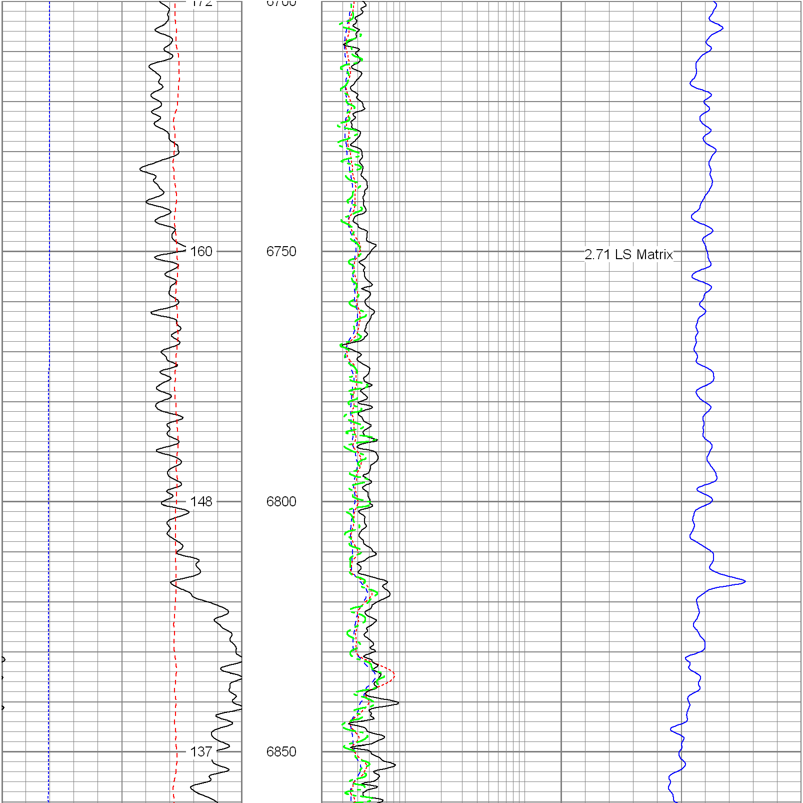
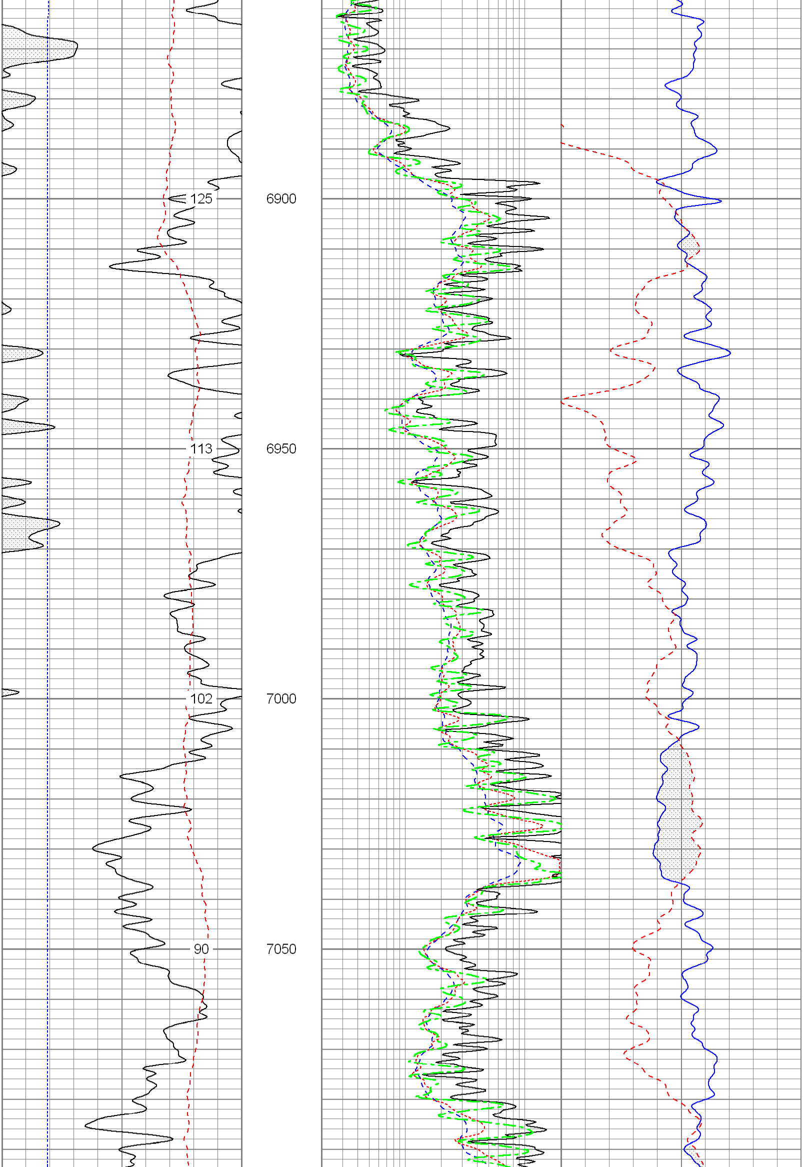
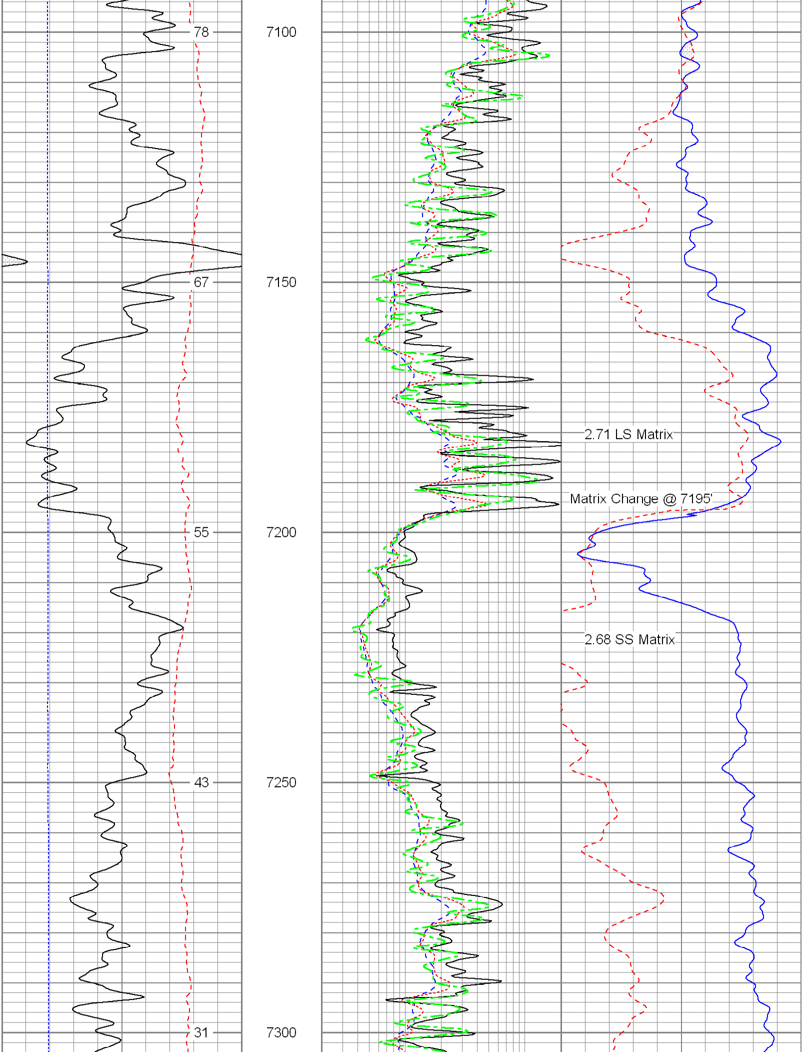
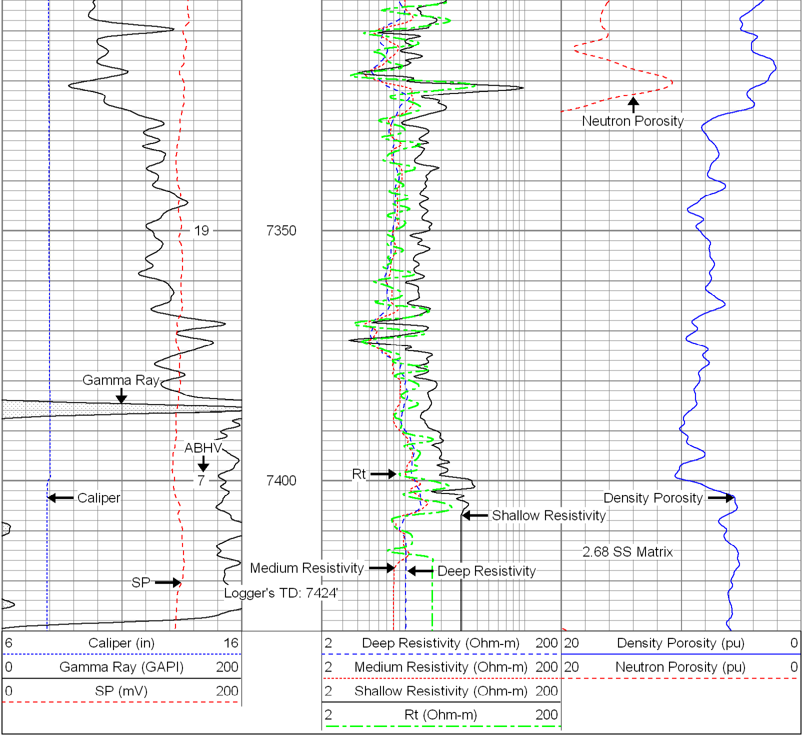
2 Deep Resistivity (Ohm-m) 200

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