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Pioneer Energy Services

COMPENSATED DENSITY
COMPENSATED NEUTRON
HIGH RESOLUTION INDUCTION

Company	Bayswater Exploration & Prod. LLC
Well	Bower 15-3
Field	Wattenberg
County	Weld
State	Colorado

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Well	Bower 15-3		
Field	Wattenberg		
County	Weld	State	Colorado

Location: API # : 05123367320000

SHL: 1980' FSL & 550' FEL NESE
EST. BHL: 702' FSL & 2005' FEL SWSE
SEC 3 TWP 6N RGE 67W

Other Services
None

Permanent Datum	GL	Elevation	4941
Log Measured From	KB		
Drilling Measured From	KB		

Elevation
K.B. 4957
D.F. 4956
G.L. 4941

Date	April 6, 2013		
Run Number	1		
Depth Driller	7932		
Depth Logger	7921		
Bottom Logged Interval	7921		
Top Log Interval	Casing		
Casing Driller	1134		
Casing Logger	1134		
Bit Size	7-7/8"		
Type Fluid in Hole	Chem Gel		
Density / Viscosity	9.4 / 70		
pH / Fluid Loss	8.0 / 12.8		
Source of Sample	Flowline		
Rm @ Meas. Temp	3.35 @ 65° F		
Rmf @ Meas. Temp	2.68 @ 65° F		
Rmc @ Meas. Temp	4.02 @ 65° F		
Source of Rmf / Rmc	Measure / Calc		
Rm @ BHT	1.04 @ 209° F		
Time Circulation Stopped	2315 4/5/2013		
Time Logger on Bottom	0700		
Maximum Recorded Temperature	209° F		
Equipment Number	50		
Location	Brighton, CO		
Recorded By	Kelly Keever		
Witnessed By	Craig Weitzel	Don Barbula	

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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 4-1/2" casing
Ensign Drilling Rig 7
Thank you for using Pioneer Energy Services!!

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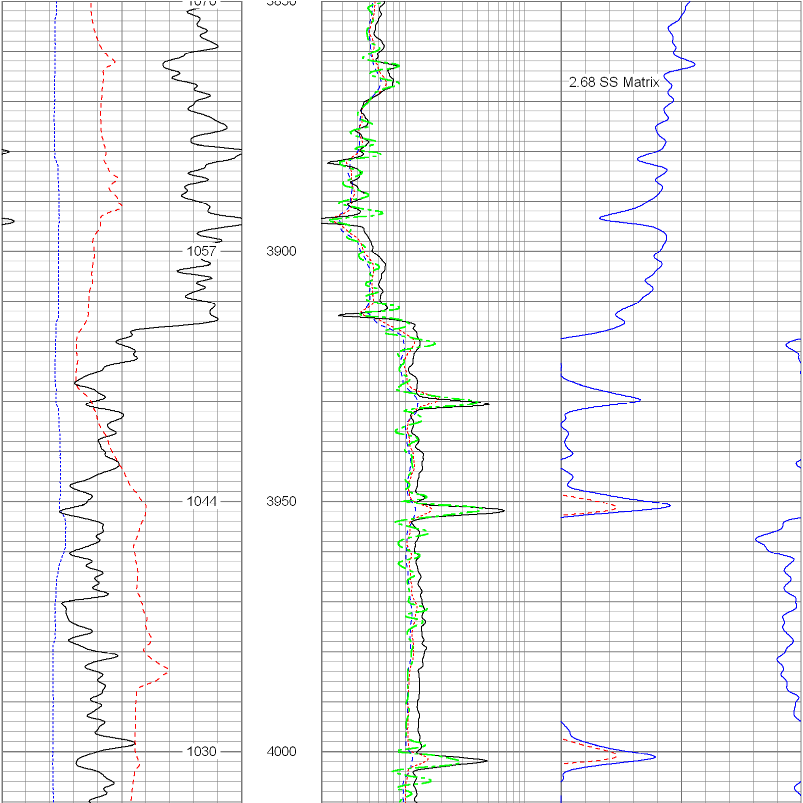
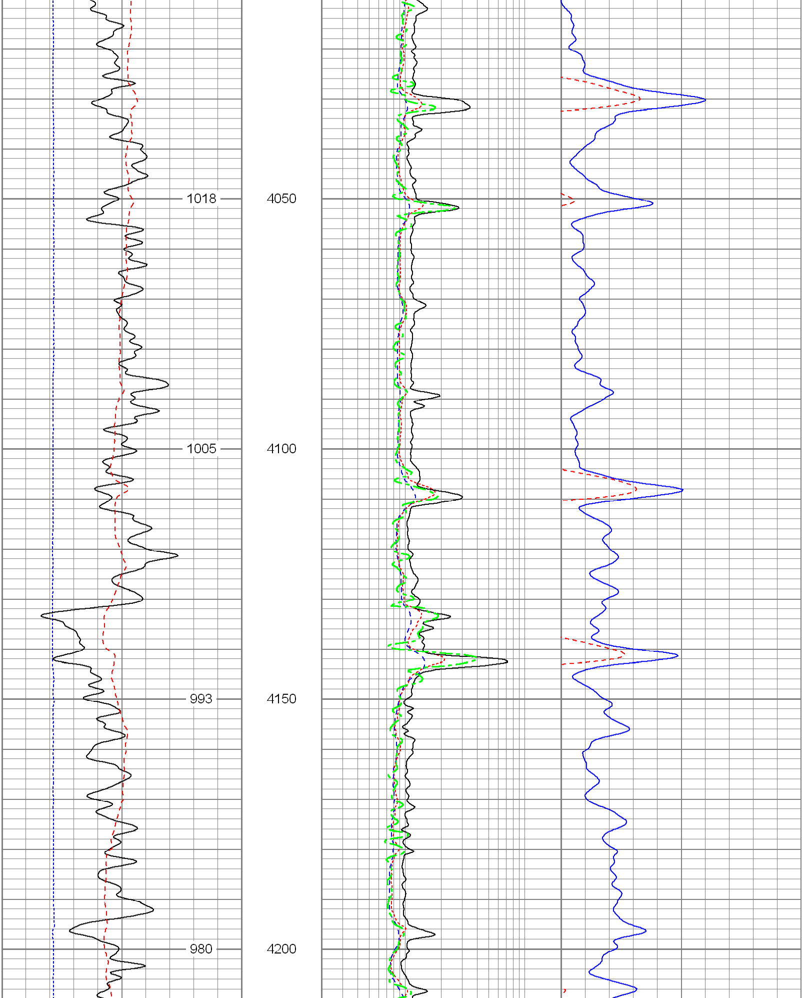
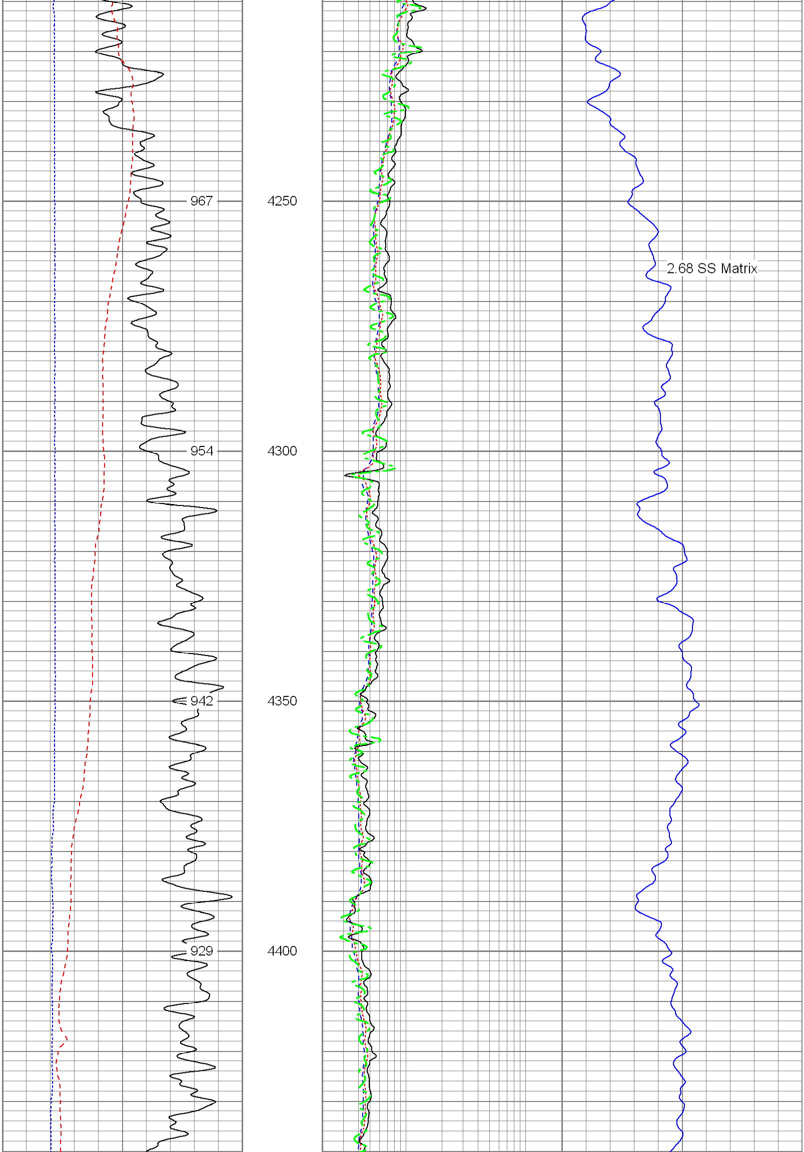
MAIN PASS

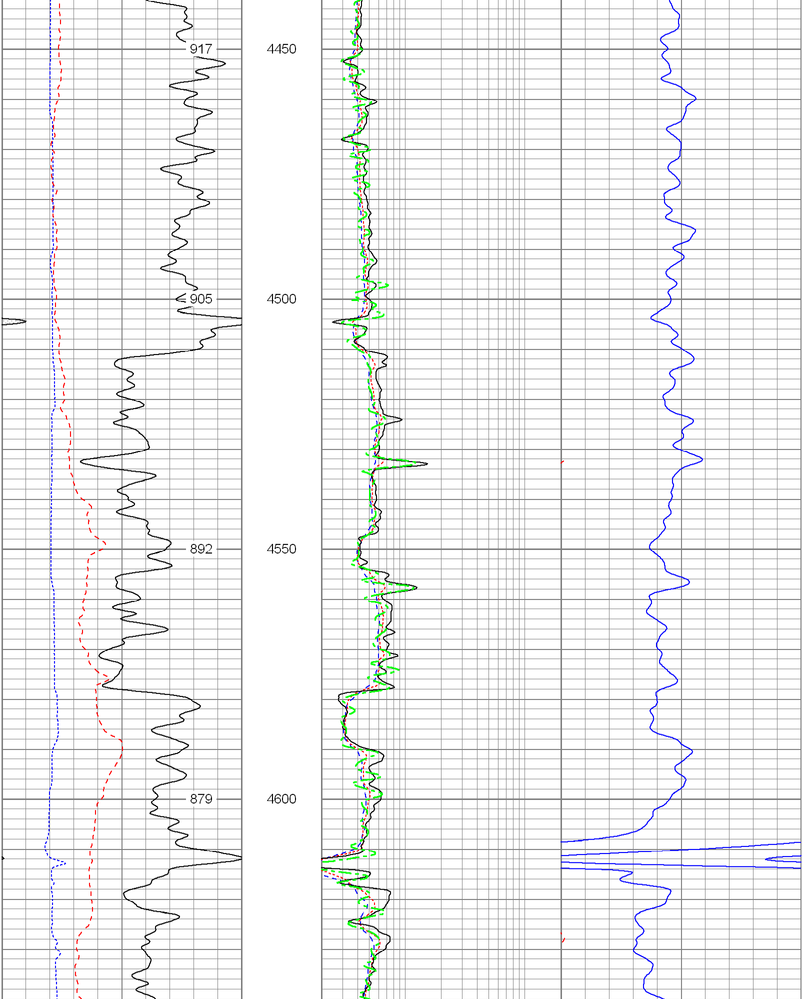
Database File:	13242.db
Dataset Pathname:	main
Presentation Format:	pdc1
Dataset Creation:	Sat Apr 06 08:34:43 2013
Charted by:	Depth in Feet scaled 1:240

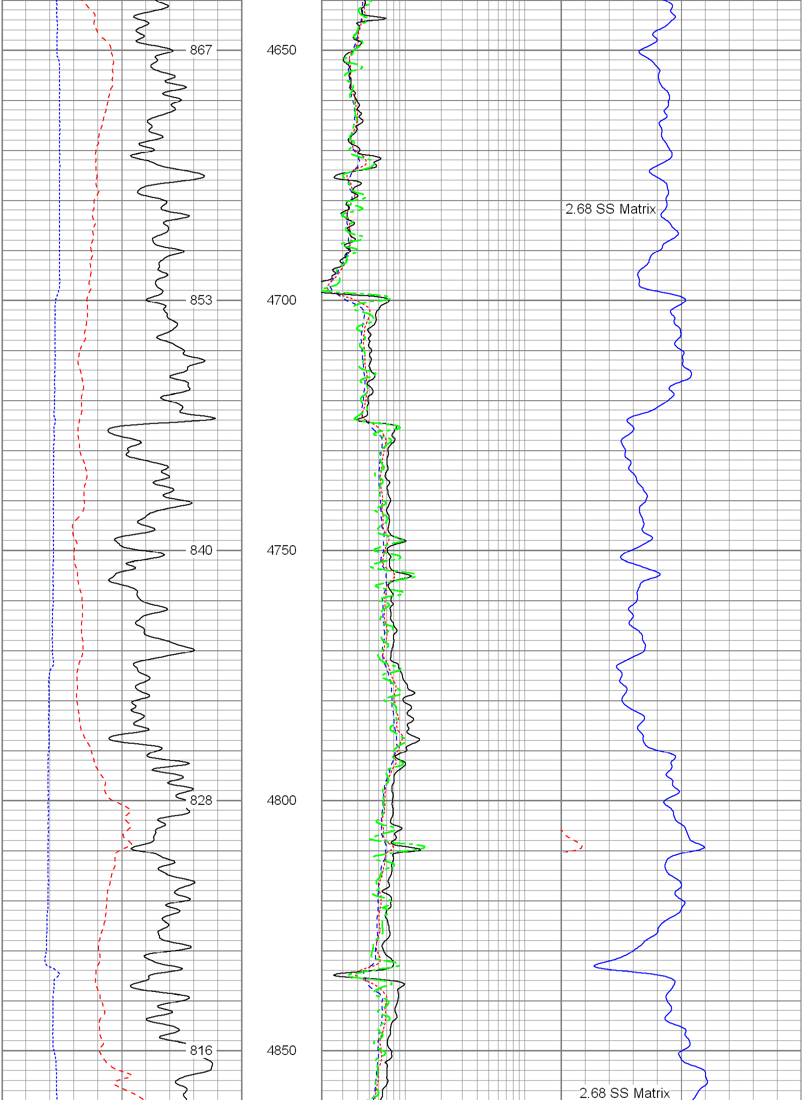
Min	Curve	Max
6	Density Caliper (in)	16
30	Gamma Ray (GAPI)	130
100	SP (mV)	200
	ABHV (ft3)	
2	Deep Resistivity (Ohm-m)	200
2	Medium Resistivity (Ohm-m)	200
2	Shallow Resistivity (Ohm-m)	200
2	Rt (Ohm-m)	200
20	Density Porosity (pu)	0
20	Neutron Porosity (pu)	0

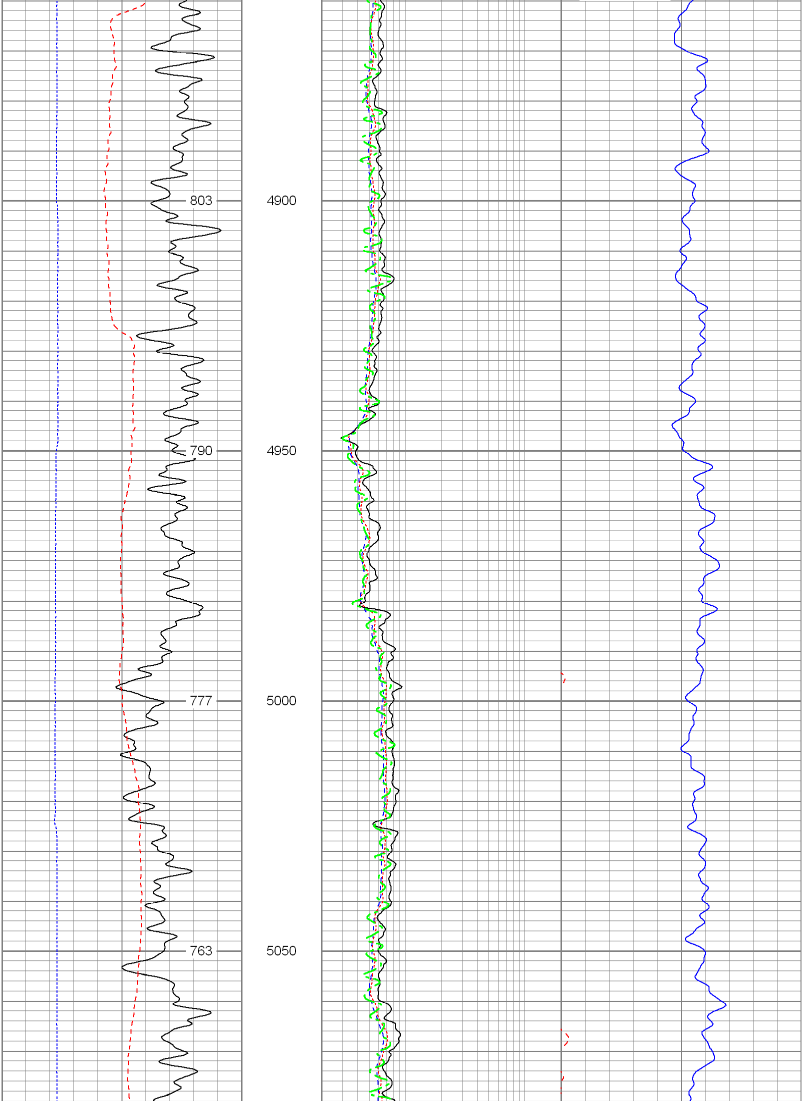


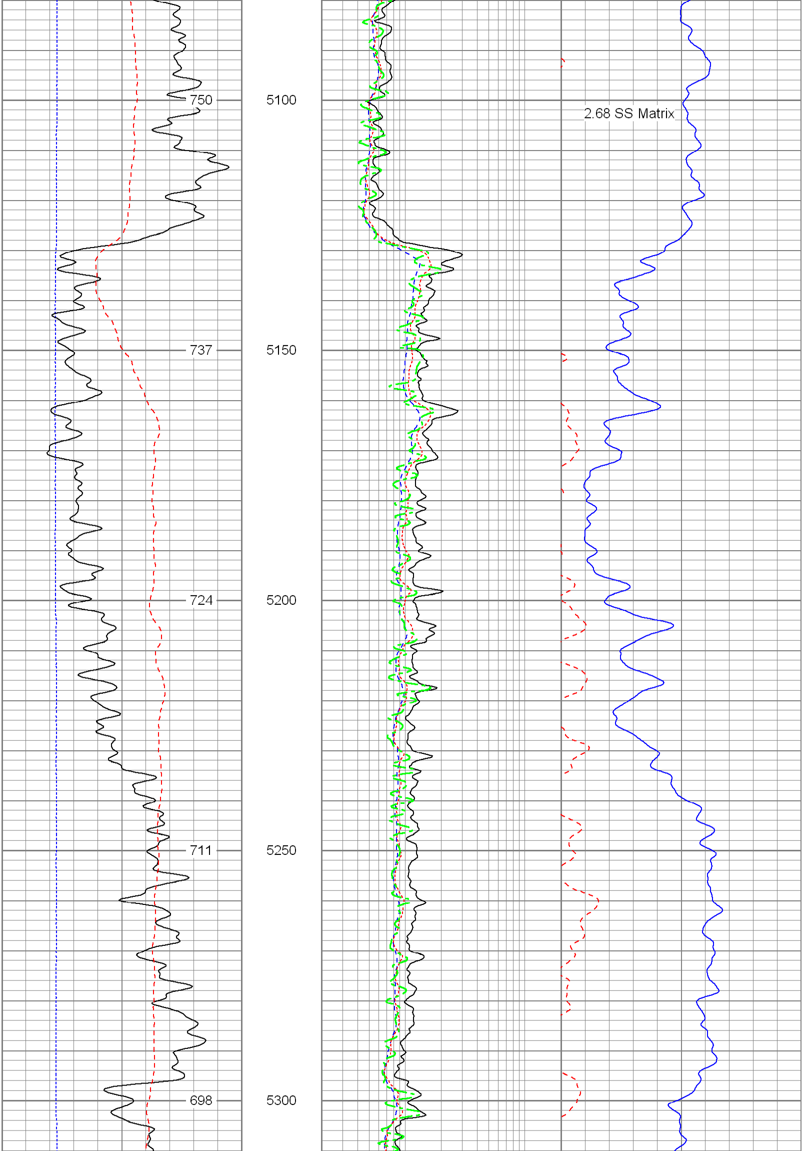


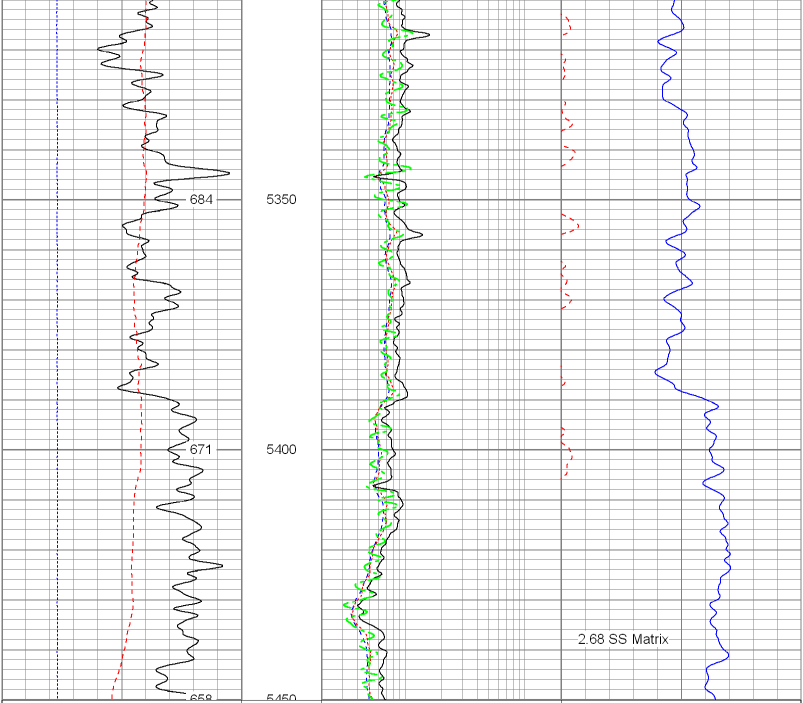












6 Density Caliper (in) 16	2 Deep Resistivity (Ohm-m) 200	20 Density Porosity (pu) 0
30 Gamma Ray (GAPI) 130	2 Medium Resistivity (Ohm-m) 200	20 Neutron Porosity (pu) 0
100 SP (mV) 200	2 Shallow Resistivity (Ohm-m) 200	
ABHV (ft3)	2 Rt (Ohm-m) 200	

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MAIN PASS

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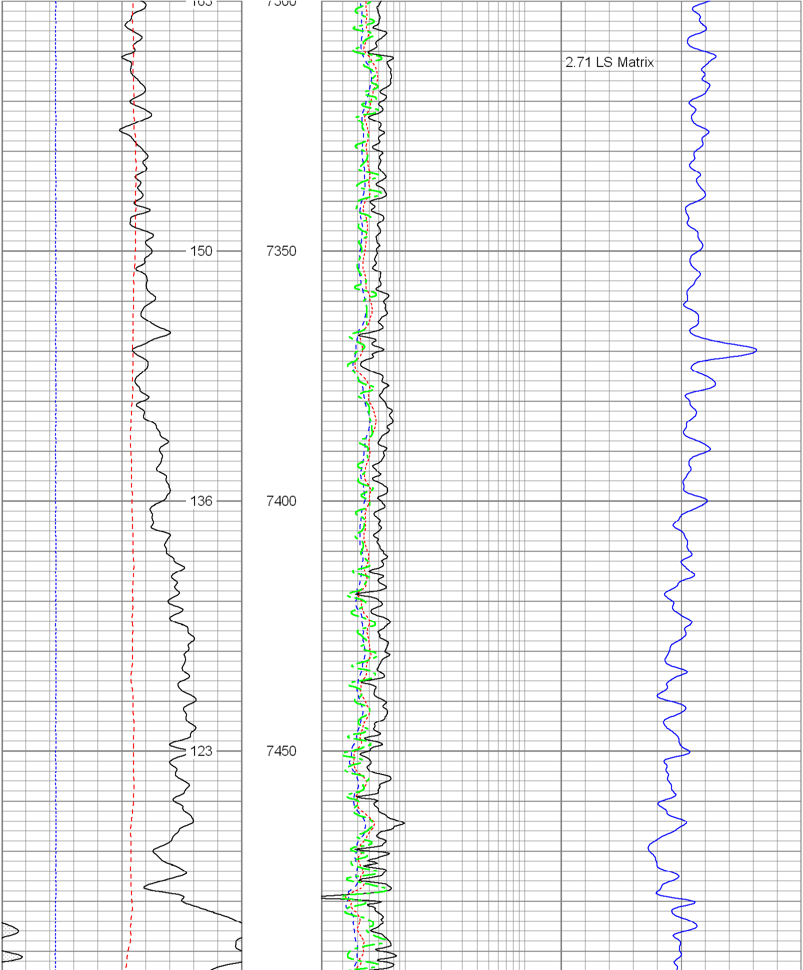
MAIN PASS

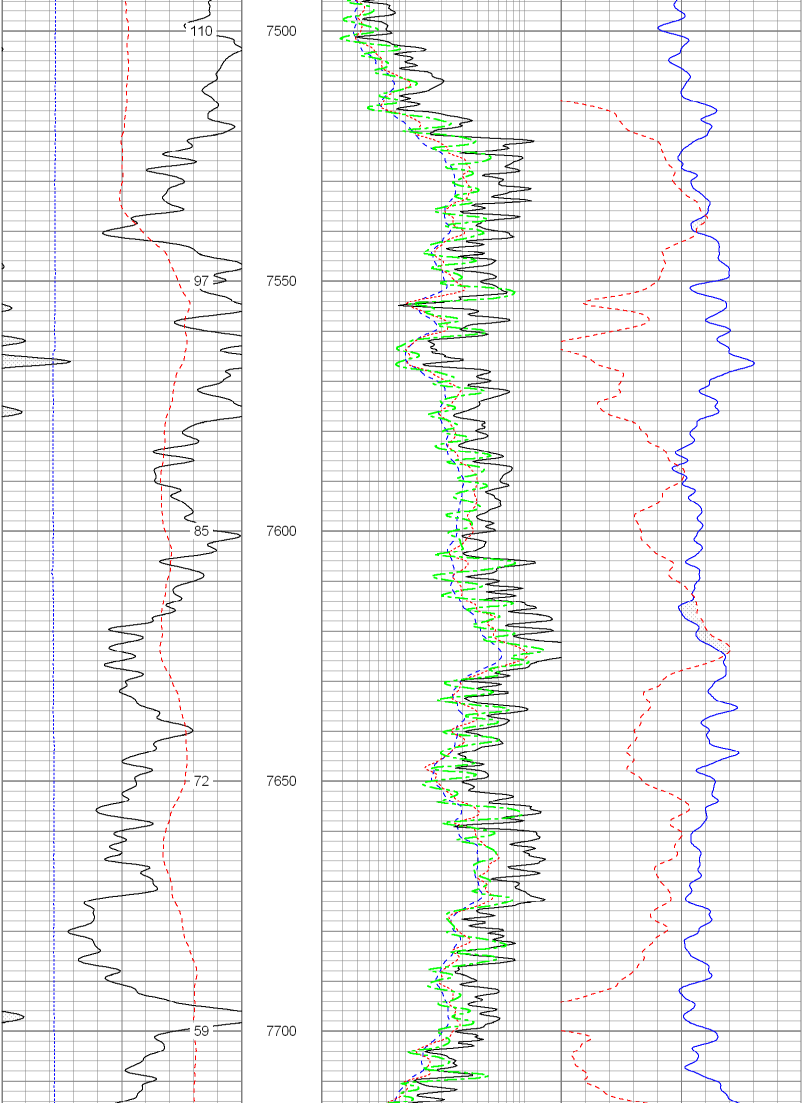
Database File: 13242.db
Dataset Pathname: main
Presentation Format: pdc
Dataset Creation: Sat Apr 06 08:34:43 2013
Charted by: Depth in Feet scaled 1:240

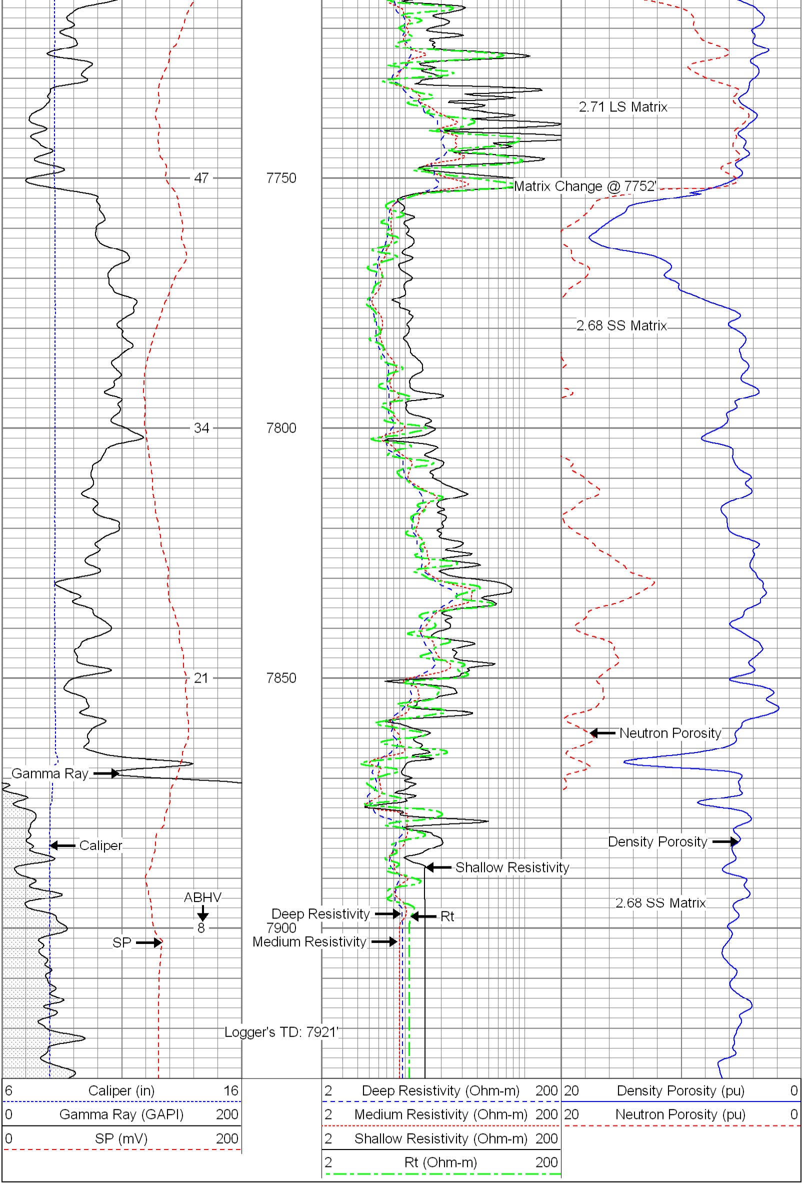
6	Caliper (in)	16
0	Gamma Ray (GAPI)	200
0	SP (mV)	200

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







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