HIGH RESOLUTION INDUCTION
COMPENSATED DENSITY
COMPENSATED NEUTRON

PIONEER
Pioneer Energy Services

Company	Bayswater Exploration & Prod. LLC
Well	Booth 4-26
Field	Wattenberg
County	Weld
State	Colorado

Company Bayswater Exploration & Prod. LLC
Well Booth 4-26
Field Wattenberg
County Weld **State** Colorado

Location: API # : 05123360840000
SHL: 248 FNL & 2554' FEL NWNE
BHL: 684' FNL & 634' FWL NWNW
SEC 26 TWP 7N RGE 65W

Other Services
None

Permanent Datum	GL	Elevation 4893	Elevation K.B. 4909 D.F. 4908 G.L. 4893
Log Measured From	KB		
Drilling Measured From	KB		

Date	June 4, 2013	
Run Number	1	
Depth Driller	7798	
Depth Logger	7773	
Bottom Logged Interval	7773	
Top Log Interval	Casing	
Casing Driller	731	
Casing Logger	731	
Bit Size	7-7/8"	
Type Fluid in Hole	Chem Gel	
Density / Viscosity	9.5 / 64	
pH / Fluid Loss	7.0 / 8.0	
Source of Sample	Flowline	
Rm @ Meas. Temp	2.99 @ 72 F	
Rmf @ Meas. Temp	2.39 @ 72 F	
Rmc @ Meas. Temp	3.59 @ 72 F	
Source of Rmf / Rmc	Measure / Calc	
Rm @ BHT	1.04 @ 207 F	
Time Circulation Stopped	0630	
Time Logger on Bottom	1350	
Maximum Recorded Temperature	207 F	
Equipment Number	49	
Location	Brighton, CO	
Recorded By	Clint Christensen	
Witnessed By	Mark Brown	Craig W.

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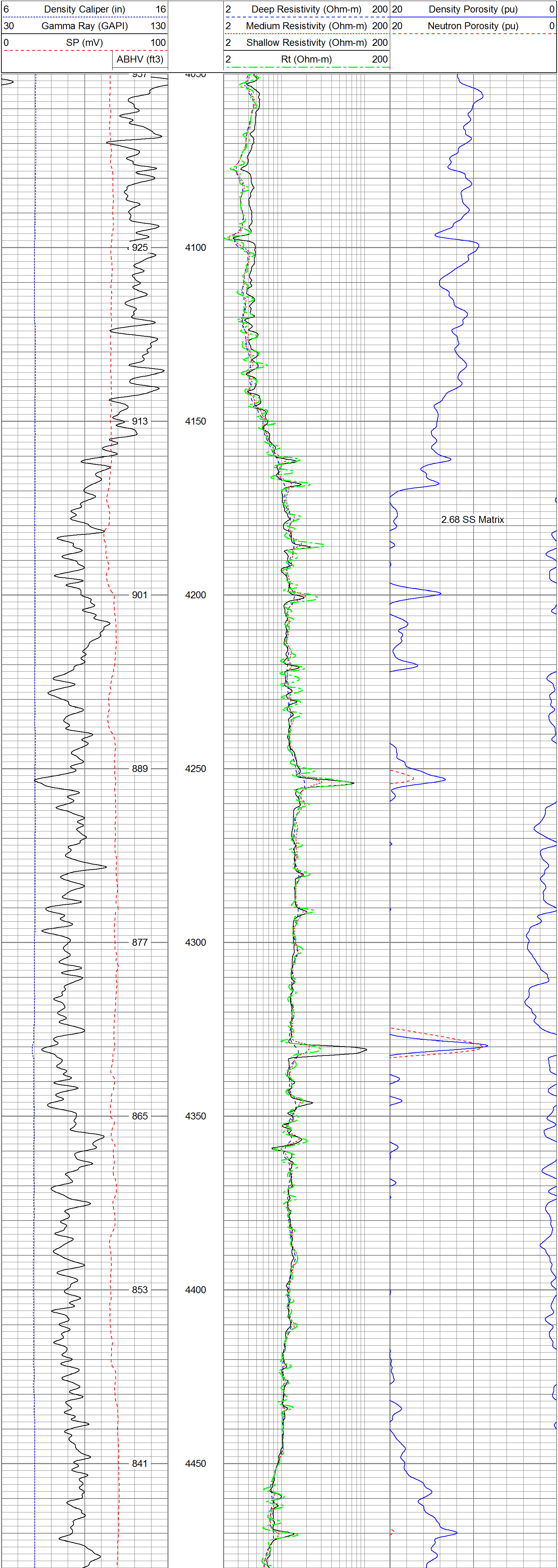
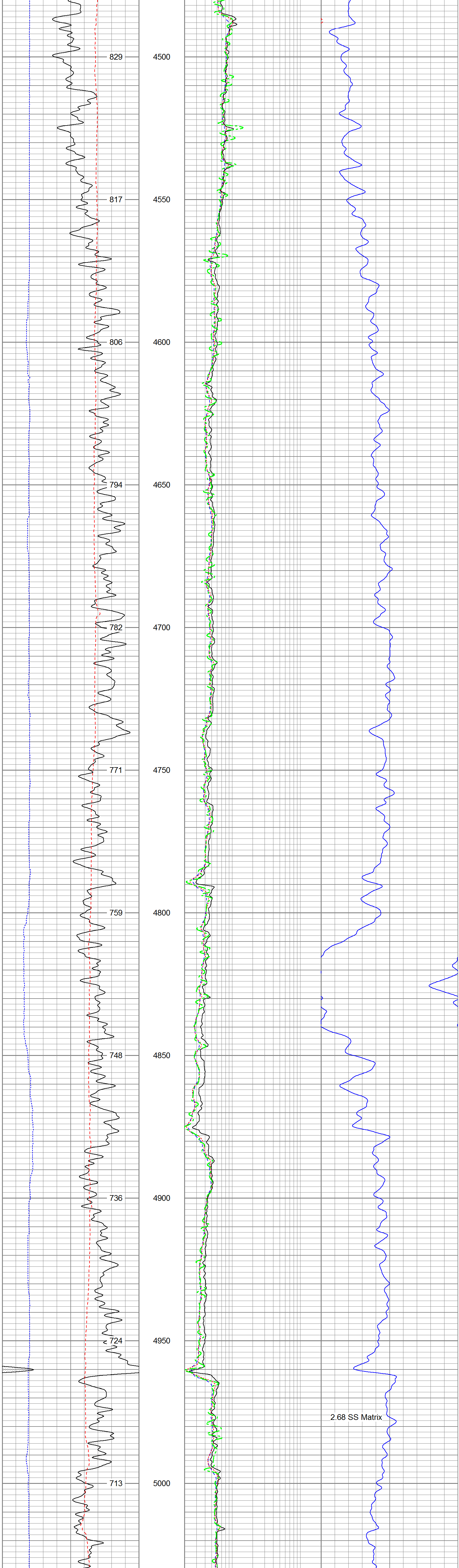
All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not be liable or responsible for any loss, costs, damages,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

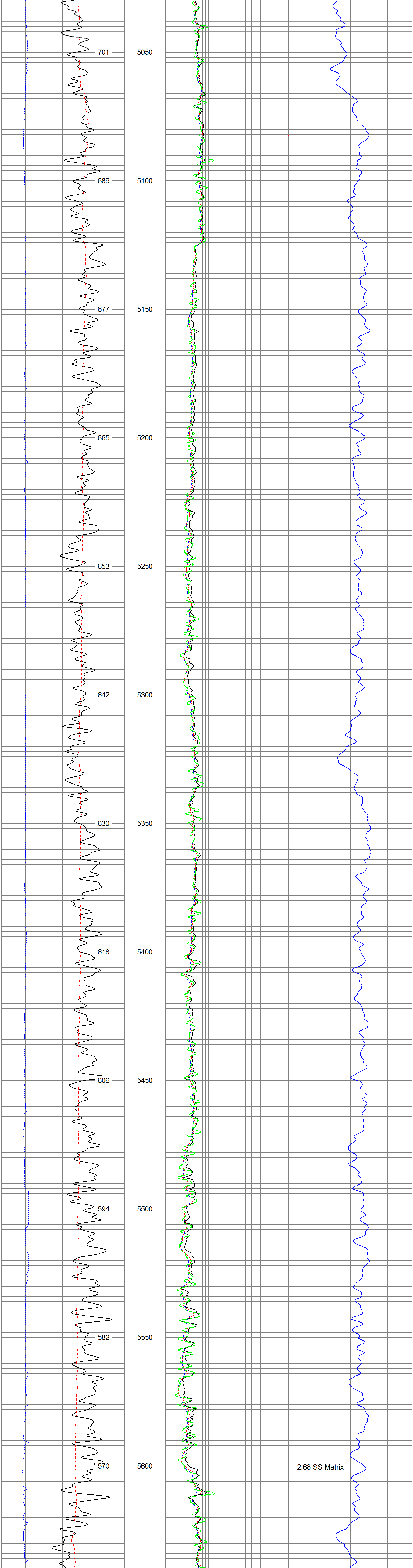
Comments

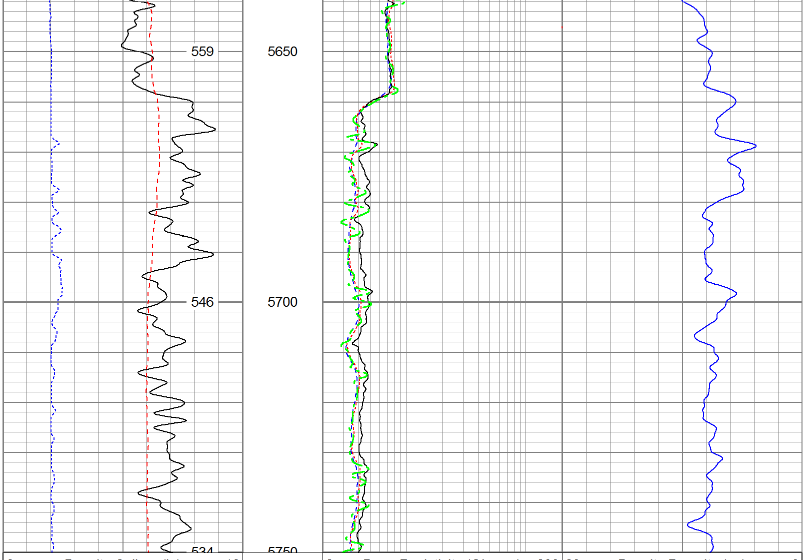
Annular volume calculated for 4.5" casing
Ensign Drilling Rig 7
Thank you for using Pioneer Energy Services.

Database File:	12797.db
Dataset Pathname:	final
Presentation Format:	pdc1
Dataset Creation:	Tue Jun 04 16:07:22 2013
Charted by:	Depth in Feet scaled 1:240





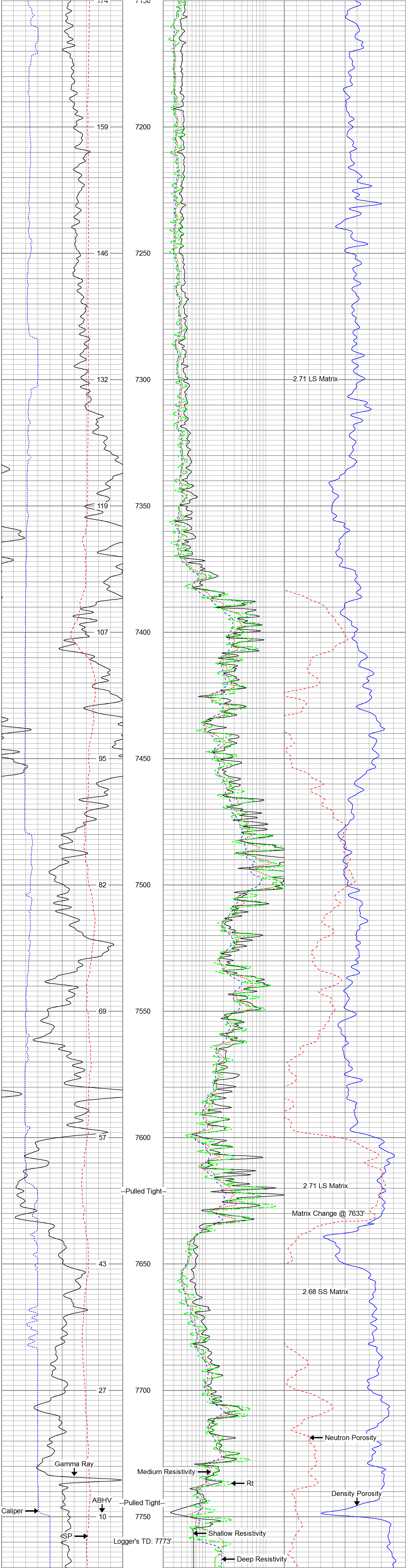




6	Density Caliper (in)	16	2	Deep Resistivity (Ohm-m)	200	20	Density Porosity (pu)	0
30	Gamma Ray (GAPI)	130	2	Medium Resistivity (Ohm-m)	200	20	Neutron Porosity (pu)	0
0	SP (mV)	100	2	Shallow Resistivity (Ohm-m)	200			
	ABHV (ft3)		2	Rt (Ohm-m)	200			

Database File: 12797.db
Dataset Pathname: final
Presentation Format: pdc
Dataset Creation: Tue Jun 04 16:07:22 2013
Charted by: Depth in Feet scaled 1:240

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



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