PIONEER

Pioneer Energy Services

COMPENSATED DENSITY
COMPENSATED NEUTRON
HIGH RESOLUTION INDUCTION

Company	Bayswater Exploration & Prod. LLC
Well	Triangle 4-22
Field	Wattenberg
County	Weld
State	Colorado

Company Bayswater Exploration & Prod. LLC

Well Triangle 4-22

Field Wattenberg

County Weld State Colorado

Location: API # : 051233706600

SHL: 1776' FNL & 2363' FWL SENW
BHL: 544' FNL & 679' FWL NWNW

SEC 22 TWP 7N RGE 65W

Other Services
None

Permanent Datum	GL	Elevation	4832
Log Measured From	KB		
Drilling Measured From	KB		

Elevation
K.B. 4848
D.F. 4847
G.L. 4832

Date	April 30, 2013		
Run Number	1		
Depth Driller	7811		
Depth Logger	7815		
Bottom Logged Interval	7815		
Top Log Interval	Casing		
Casing Driller	626		
Casing Logger	626		
Bit Size	7-7/8"		
Type Fluid in Hole	Chem Gel		
Density / Viscosity	9.5 / 81		
pH / Fluid Loss	9.0 / 8.8		
Source of Sample	Flowline		
Rm @ Meas. Temp	3.10 @ 70° F		
Rmf @ Meas. Temp	2.48 @ 70° F		
Rmc @ Meas. Temp	3.72 @ 70° F		
Source of Rmf / Rmc	Measure / Calc		
Rm @ BHT	1.03 @ 211° F		
Time Circulation Stopped	1045		
Time Logger on Bottom	1700		
Maximum Recorded Temperature	211° F		
Equipment Number	50		
Location	Brighton, CO		
Recorded By	Matt Gill		
Witnessed By	Chris Montoya	Mark Brown	

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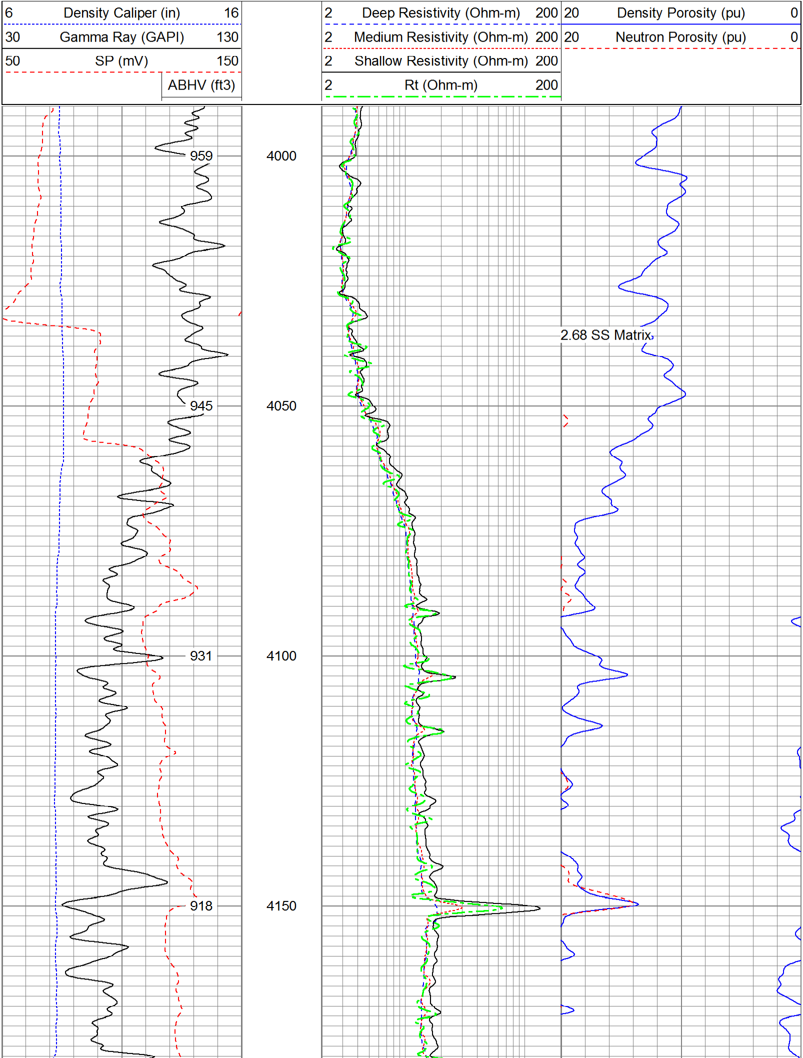
All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not be liable or responsible for any loss, costs, damages,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

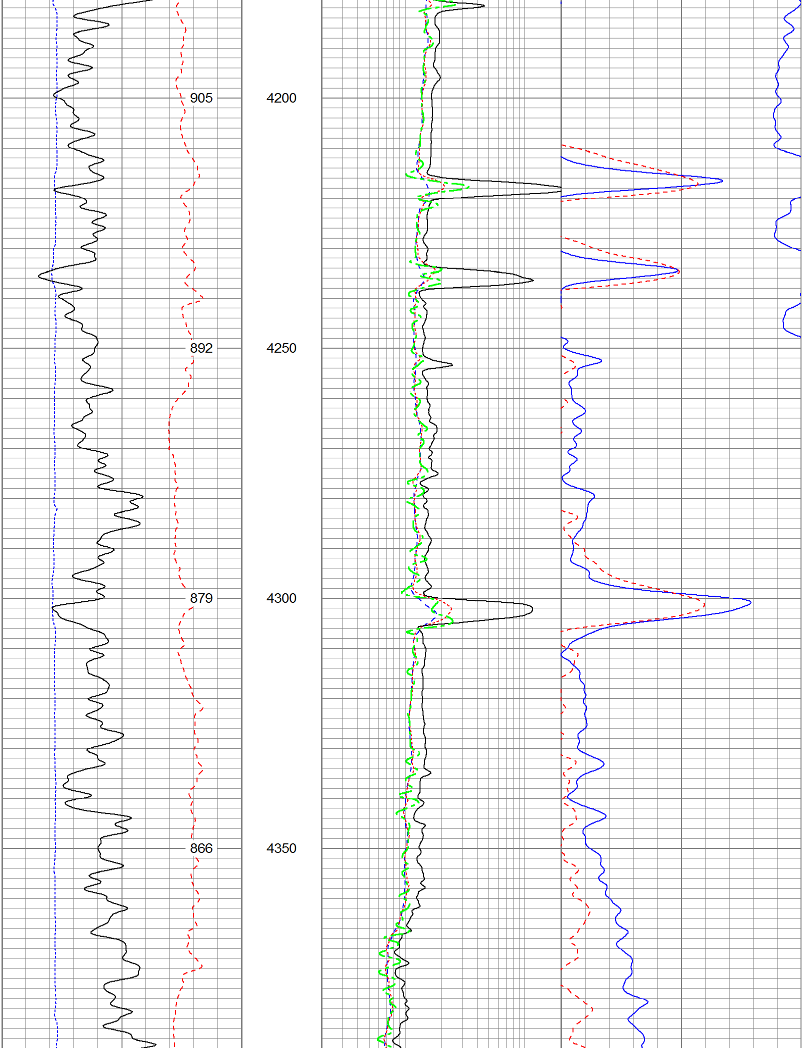
Comments

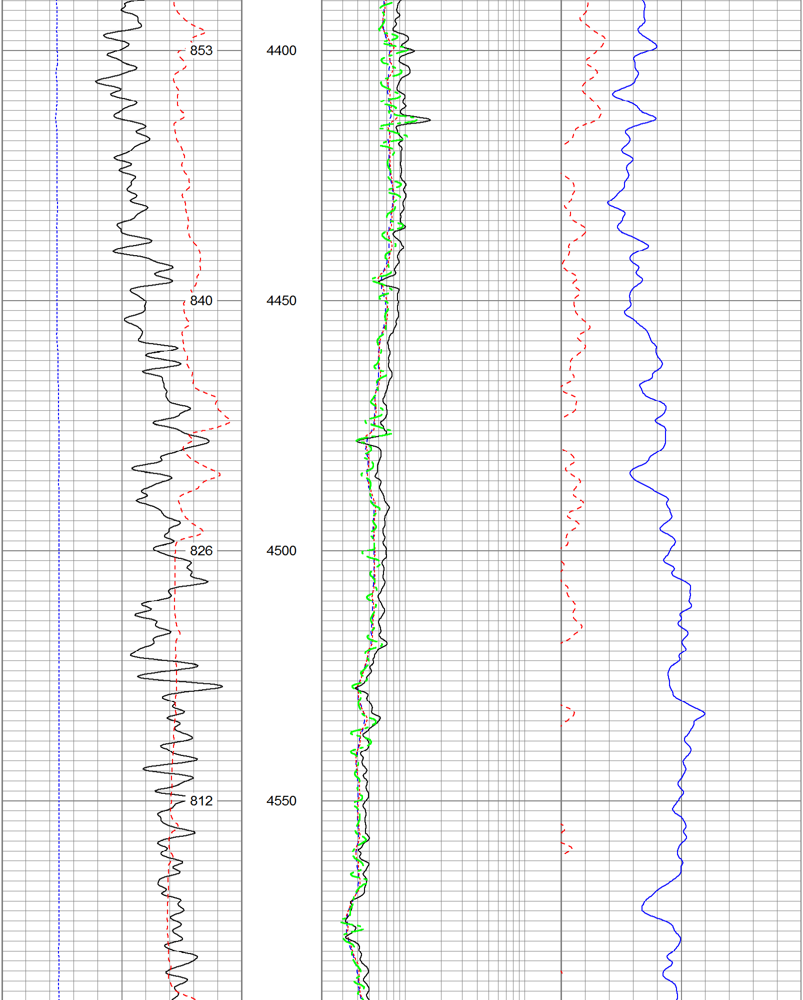
Annular volume calculated for 4-1/2" casing
Ensign Drilling Rig 7
Thank you for using Pioneer Energy Services!!

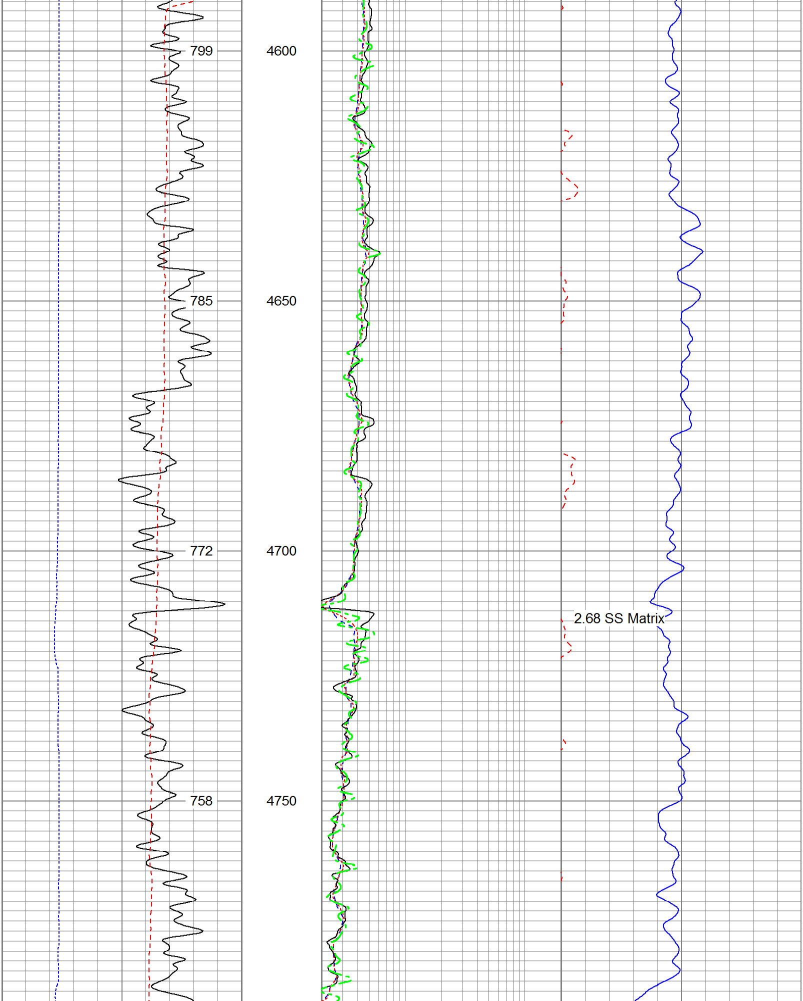
No Repeat Due to Hole Conditions

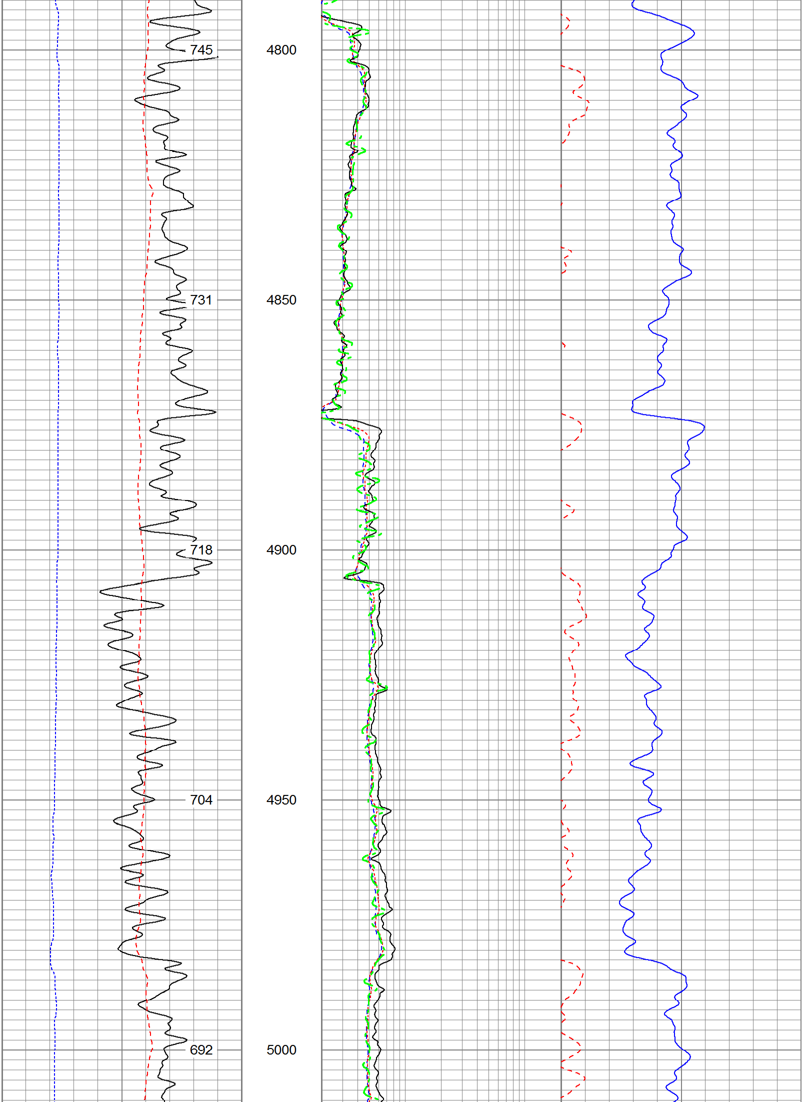
Database File: 12758.db
Dataset Pathname: final
Presentation Format: pdc1
Dataset Creation: Tue Apr 30 17:25:10 2013
Charted by: Depth in Feet scaled 1:240

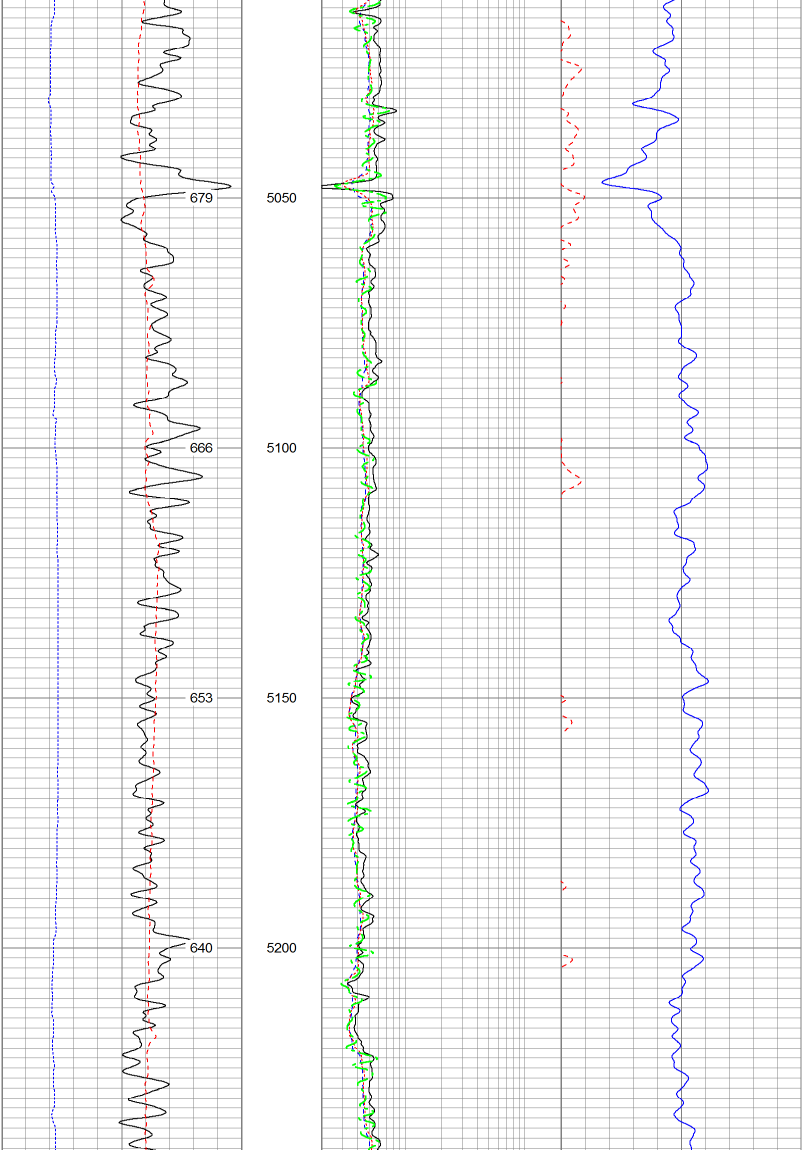


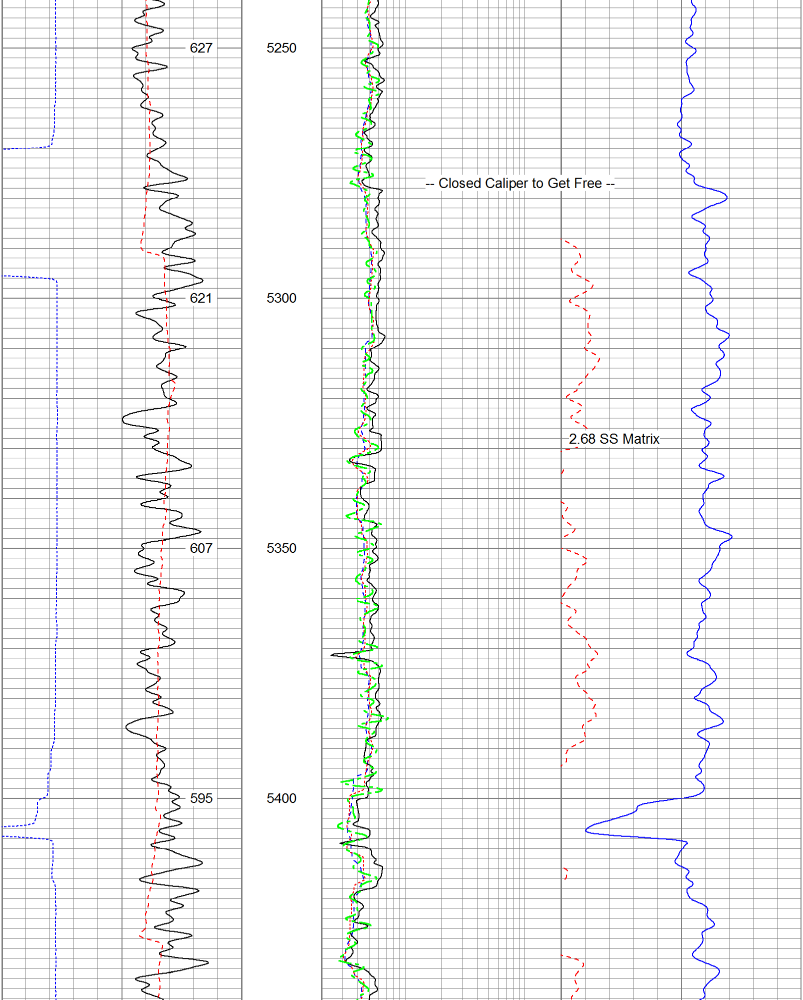


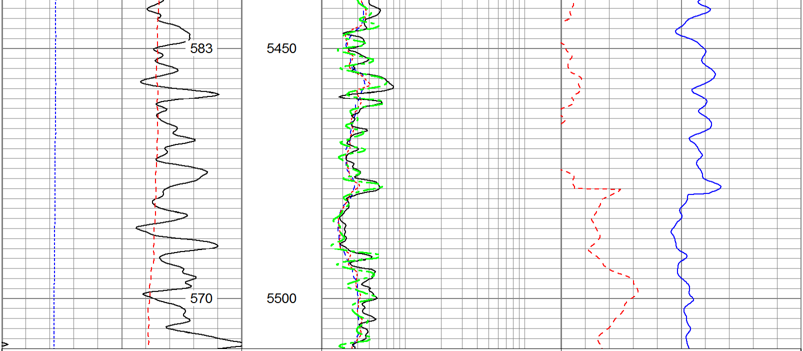












6	Density Caliper (in)	16	2	Deep Resistivity (Ohm-m)	200	20	Density Porosity (pu)	0
30	Gamma Ray (GAPI)	130	2	Medium Resistivity (Ohm-m)	200	20	Neutron Porosity (pu)	0
50	SP (mV)	150	2	Shallow Resistivity (Ohm-m)	200			
	ABHV (ft3)		2	Rt (Ohm-m)	200			

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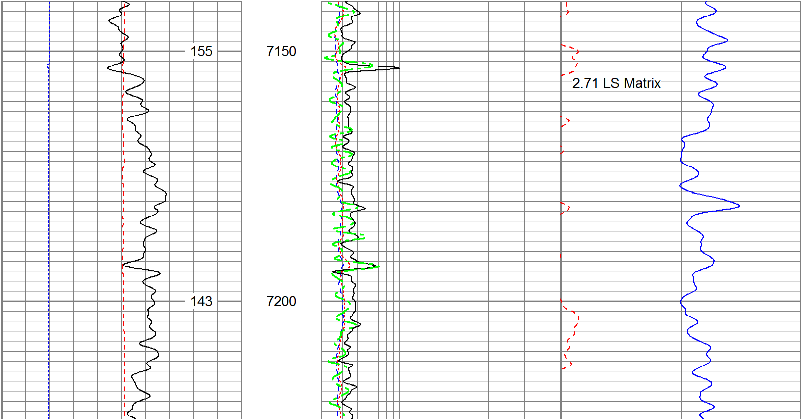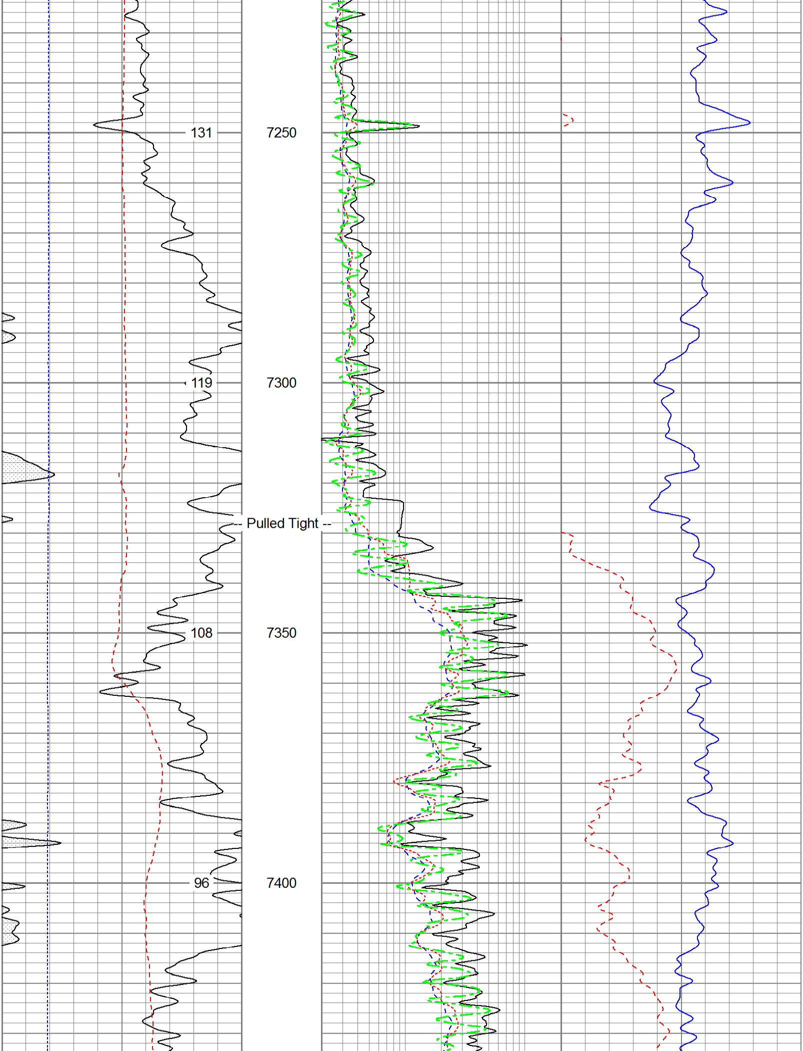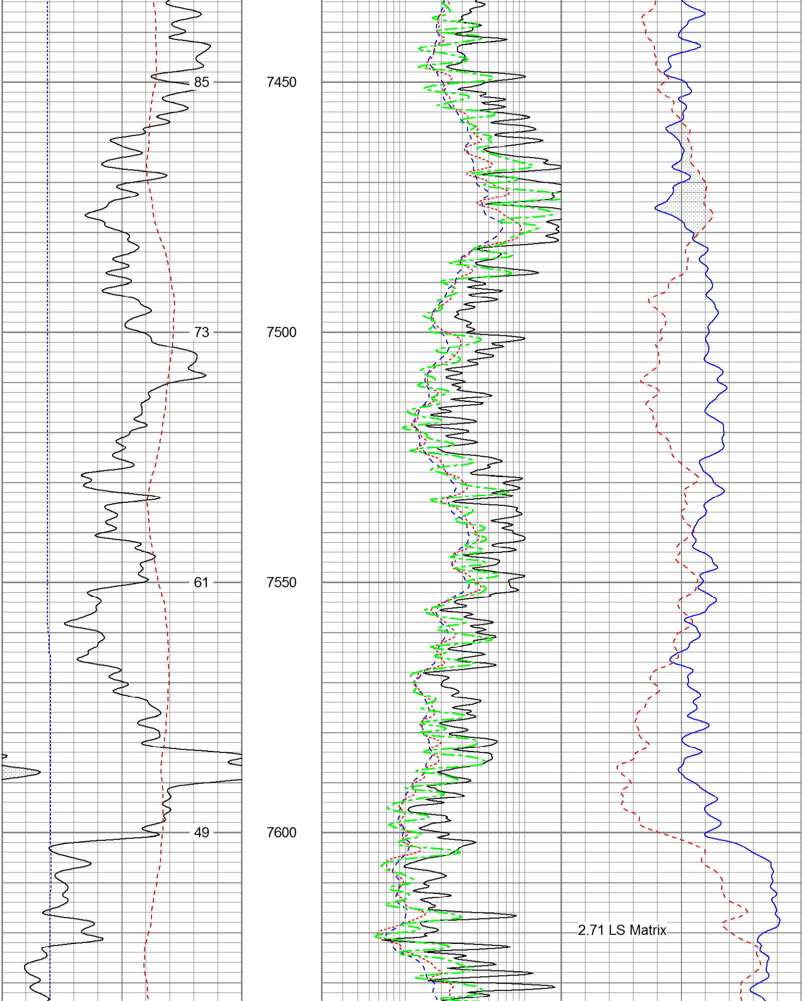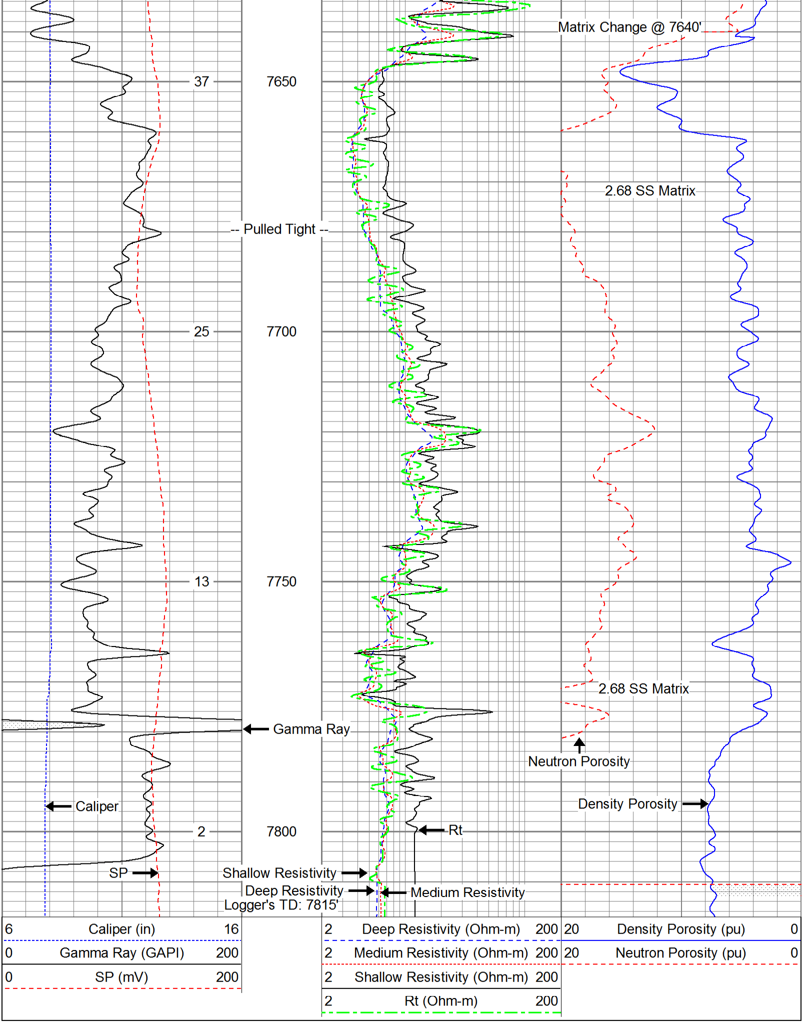6	Caliper (in)	16	2	Deep Resistivity (Ohm-m)	200	20	Density Porosity (pu)	0
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0	SP (mV)	200	2	Shallow Resistivity (Ohm-m)	200			
			2	Rt (Ohm-m)	200