PIONEER
Pioneer Energy Services

COMPENSATED DENSITY
COMPENSATED NEUTRON
HIGH RESOLUTION INDUCTION

Company Bayswater Exploration & Prod. LLC
Well Gilbert 17-22
Field Wattenberg
County Weld
State Colorado

Company	Bayswater Exploration & Prod. LLC
Well	Gilbert 17-22
Field	Wattenberg
County	Weld
State	Colorado

Location: API # : 05123396840000

SHL: 207' FSL & 1011' FWL SWSW Sec. 15
BHL: 1039' FNL & 1639' FEL NWNE

SEC 22 TWP 7N RGE 67W

Other Services
None

Permanent Datum GL Elevation 5053
Log Measured From KB
Drilling Measured From KB

Elevation
K.B. 5065
D.F. 5064
G.L. 5053

Date	July 15, 2014		
Run Number	1		
Depth Driller	8280		
Depth Logger			
Bottom Logged Interval			
Top Log Interval	Casing		
Casing Driller	815		
Casing Logger	815		
Bit Size	7-7/8"		
Type Fluid in Hole	Chem Gel		
Density / Viscosity	9.8 / 66		
pH / Fluid Loss	8.5 / 6.8		
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	1.04 @ 207° F		
Time Circulation Stopped	0430		
Time Logger on Bottom	1700		
Maximum Recorded Temperature	207° F		
Equipment Number	50		
Location	Brighton, CO		
Recorded By	Matt Gill		
Witnessed By	Red Benge	Mark Brown	

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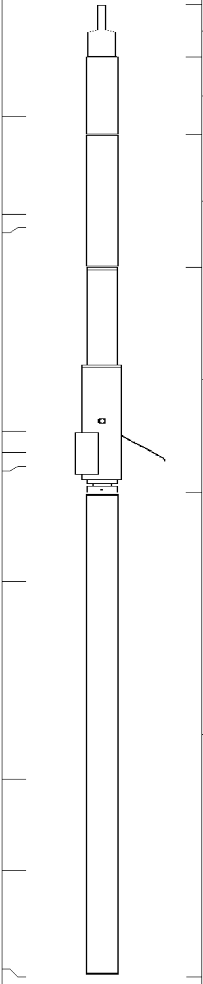
All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not be liable or responsible for any loss, costs, damages, 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
Fort Drilling Rig 5
Thank you for using Pioneer Energy Services!!

Sensor	Offset (ft)
GR	0.00
CNLSC	-3.67
CNSSC	-4.17
DCAL	-11.84
LSD	-12.67
SSD	-13.17
RLL3	-17.52
CILD	-24.97
CILM	-28.42
SP	-32.42

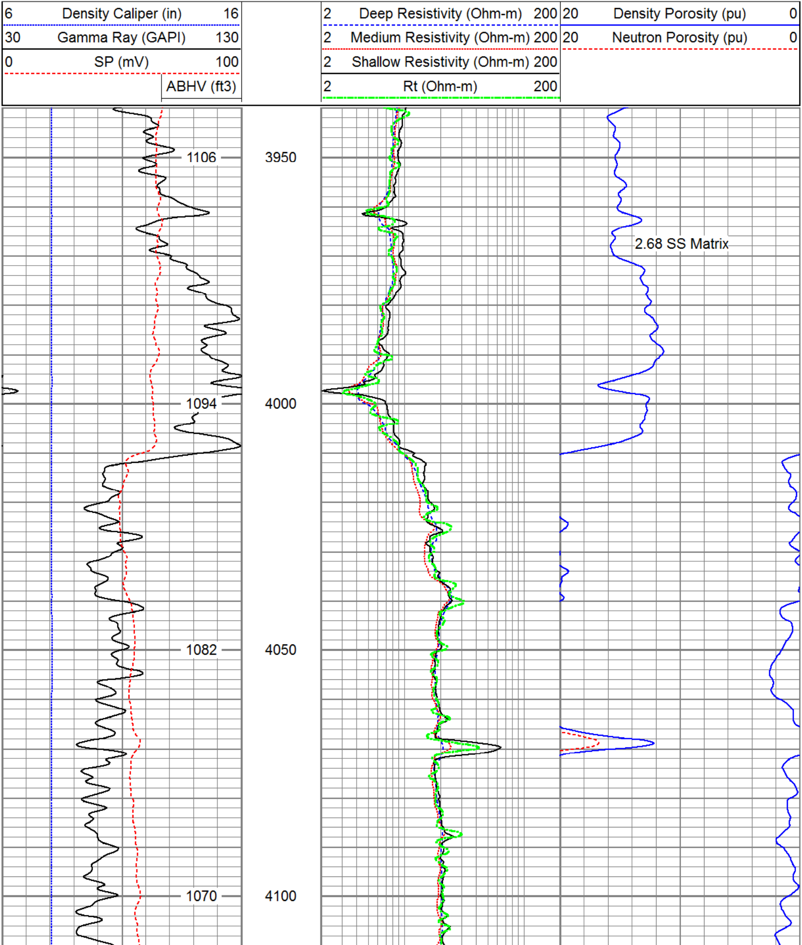
Schematic

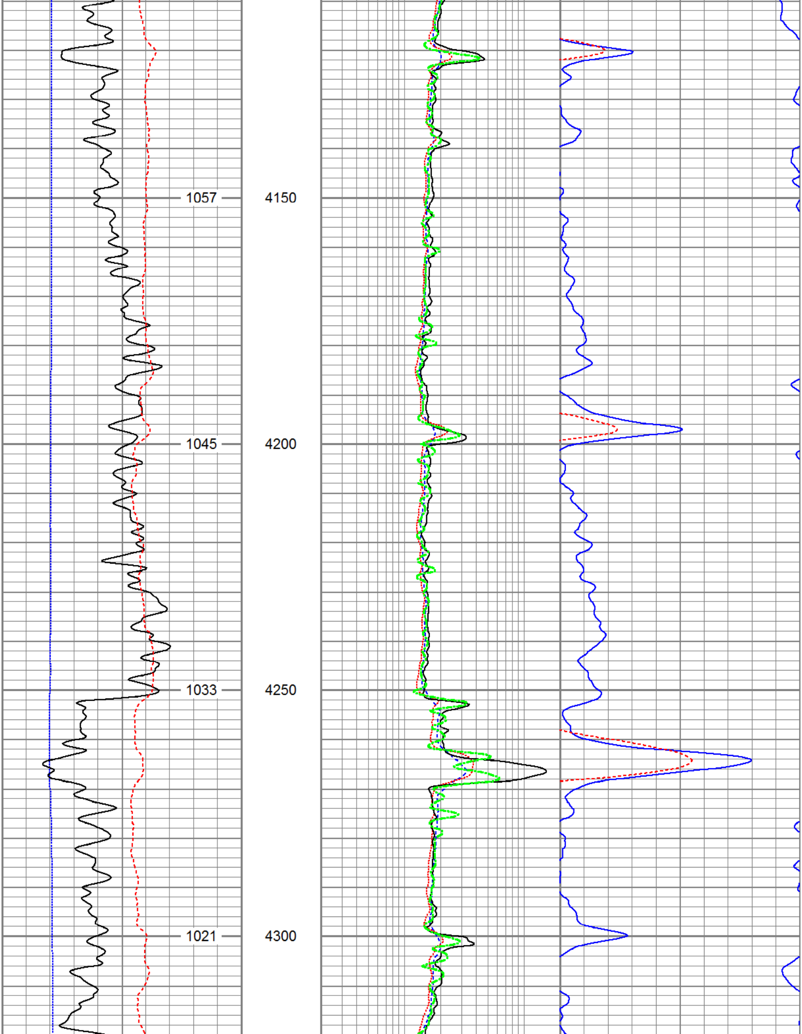


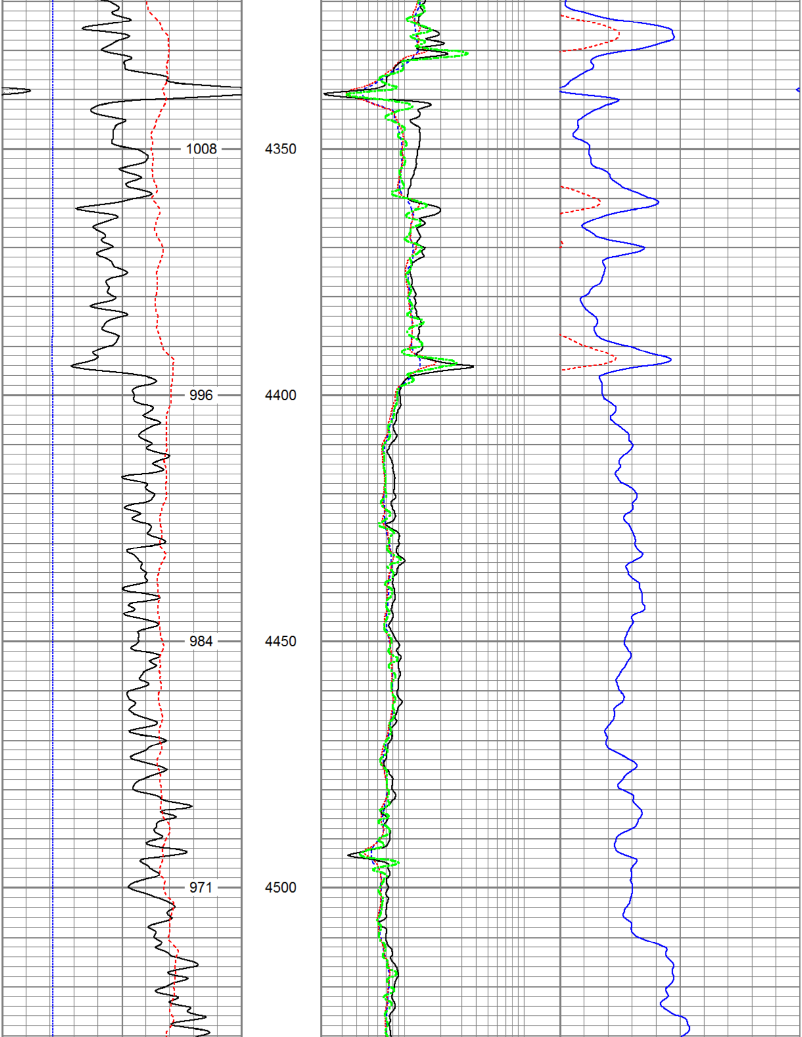
Description	Len (ft)	OD (in)	Wt (lb)
CHD (~0)	2.00	3.50	30.00
GR-PSI (939)	2.92	3.50	40.00
CNT-PSI (826)	5.00	3.50	70.00
CDL-PSI (998)	8.50	5.00	285.00
DIL-PSI (1011)	18.25	3.75	175.00

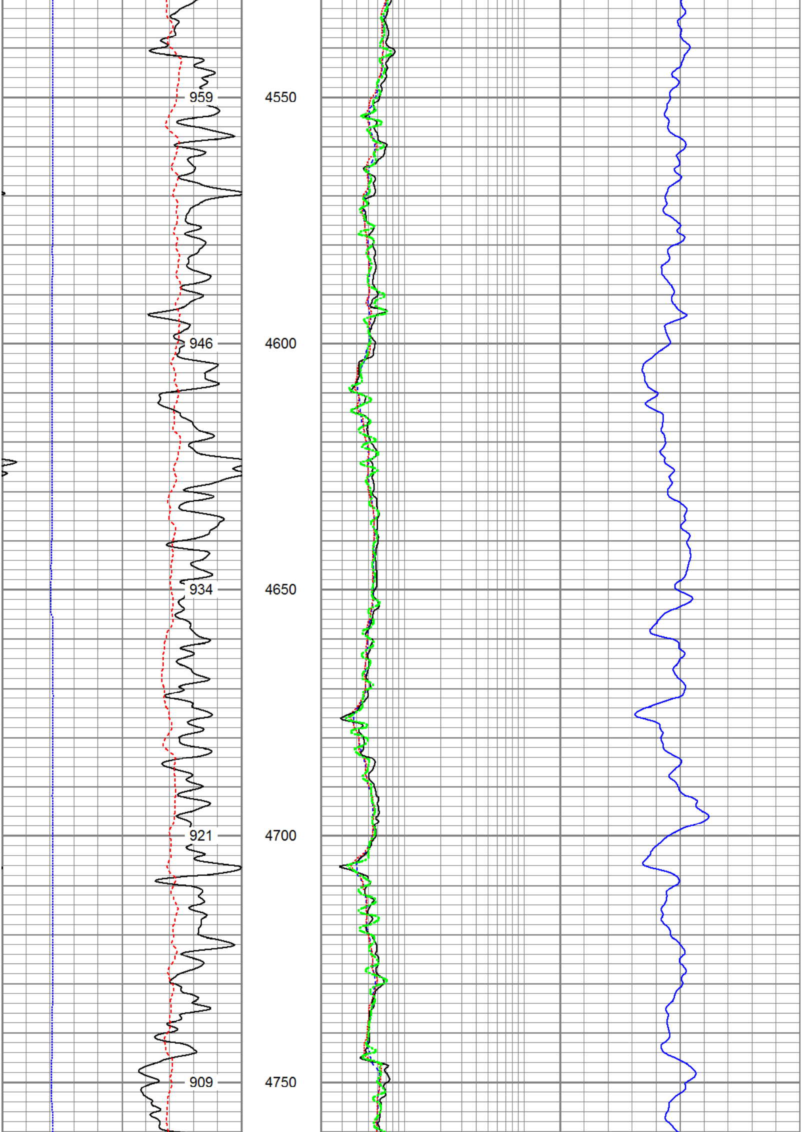
Dataset: 13609.db: field/well/run1/final
Total Length: 36.67 ft
Total Weight: 600.00 lb
O.D. 5.00 in

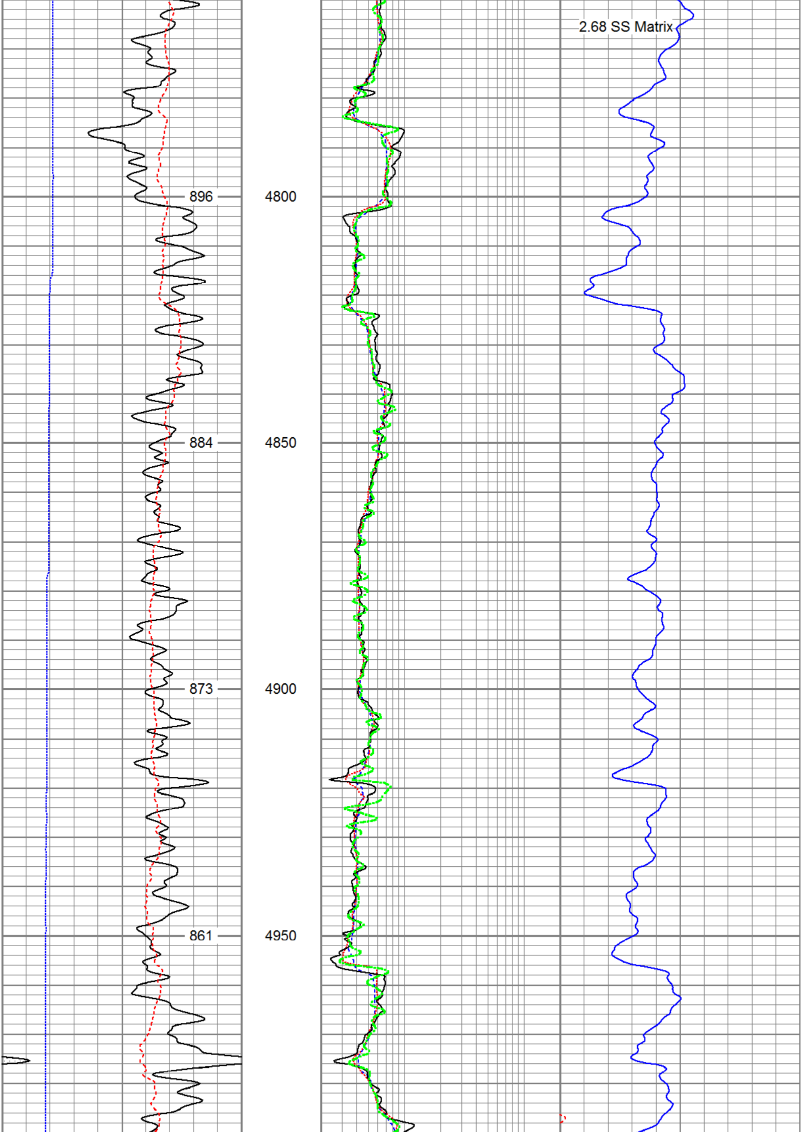
Database File:	13609.db
Dataset Pathname:	final
Presentation Format:	pdc1
Dataset Creation:	Tue Jul 15 17:30:49 2014
Charted by:	Depth in Feet scaled 1:240

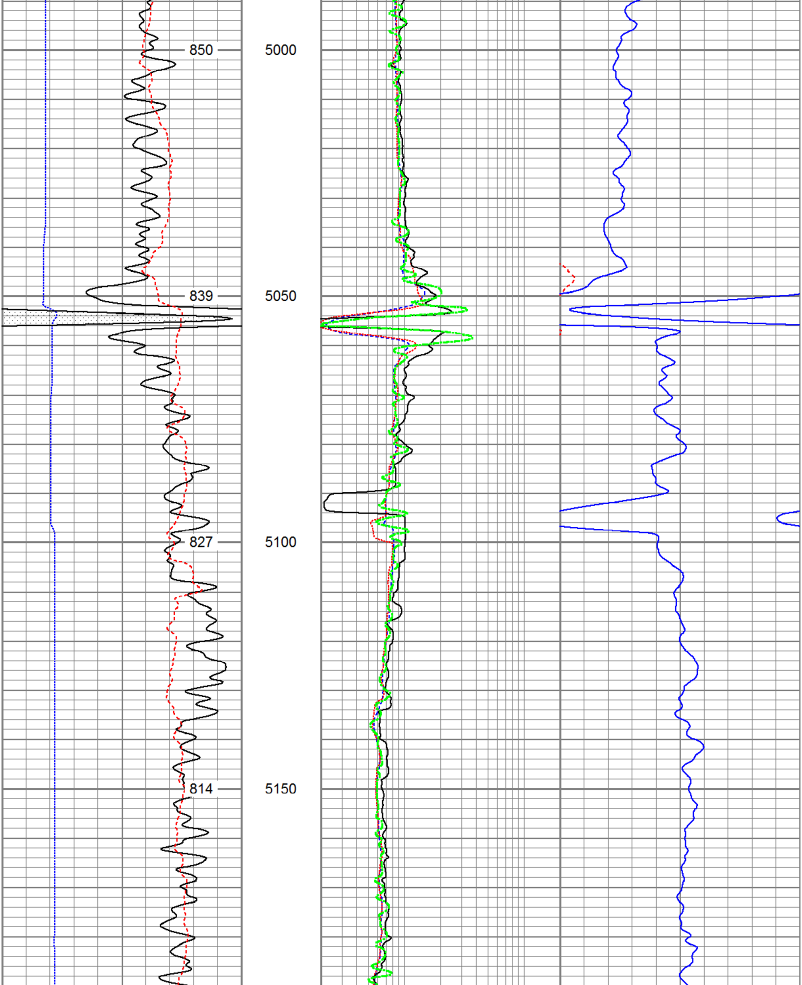


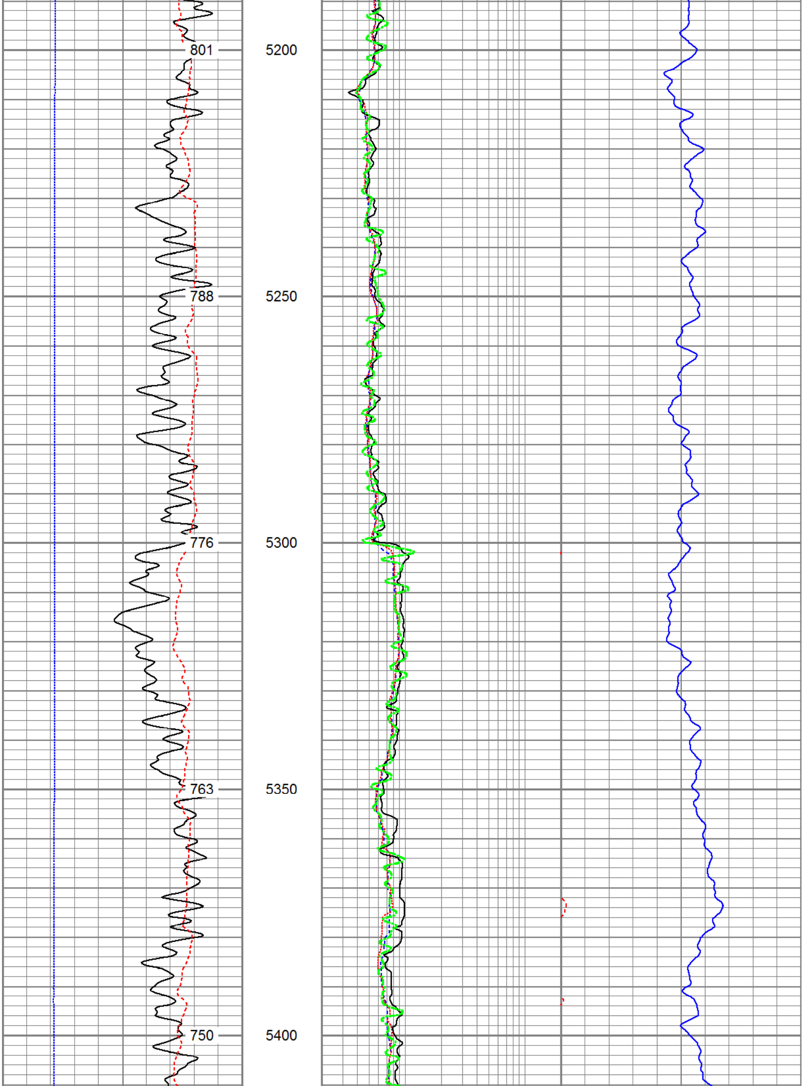


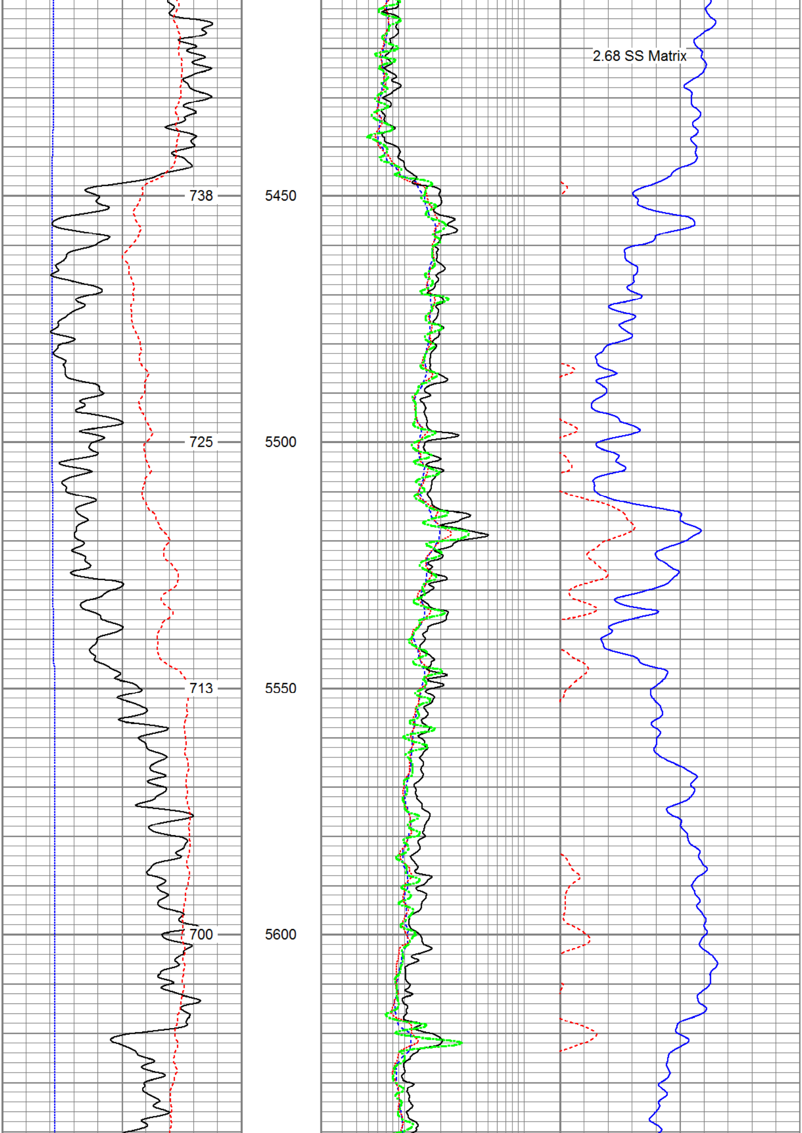


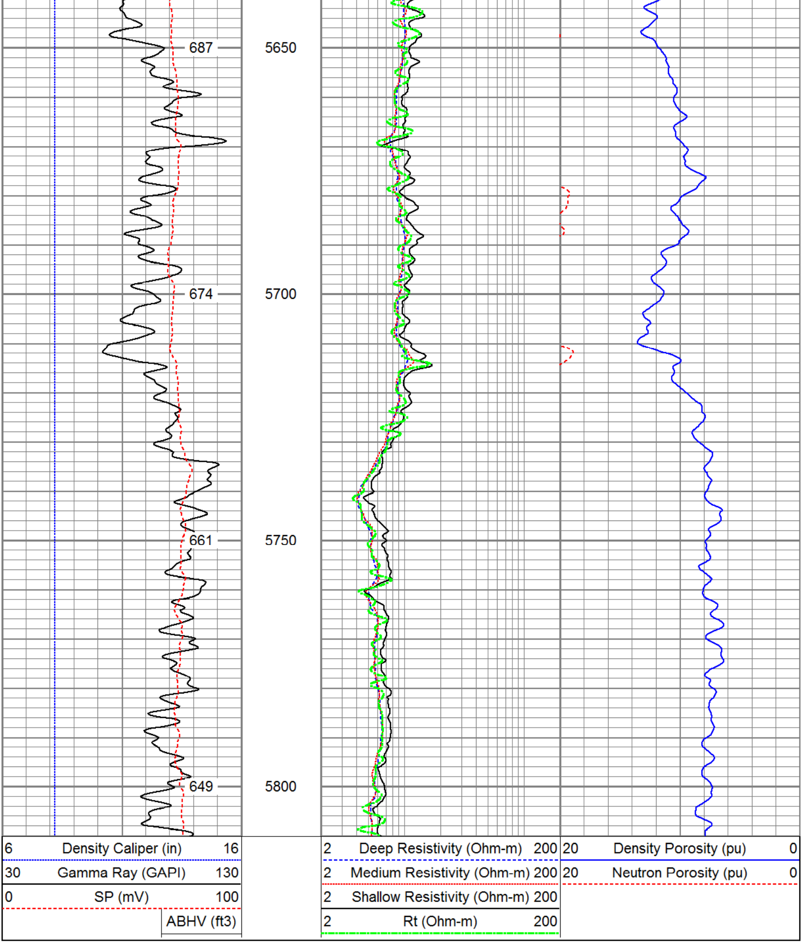




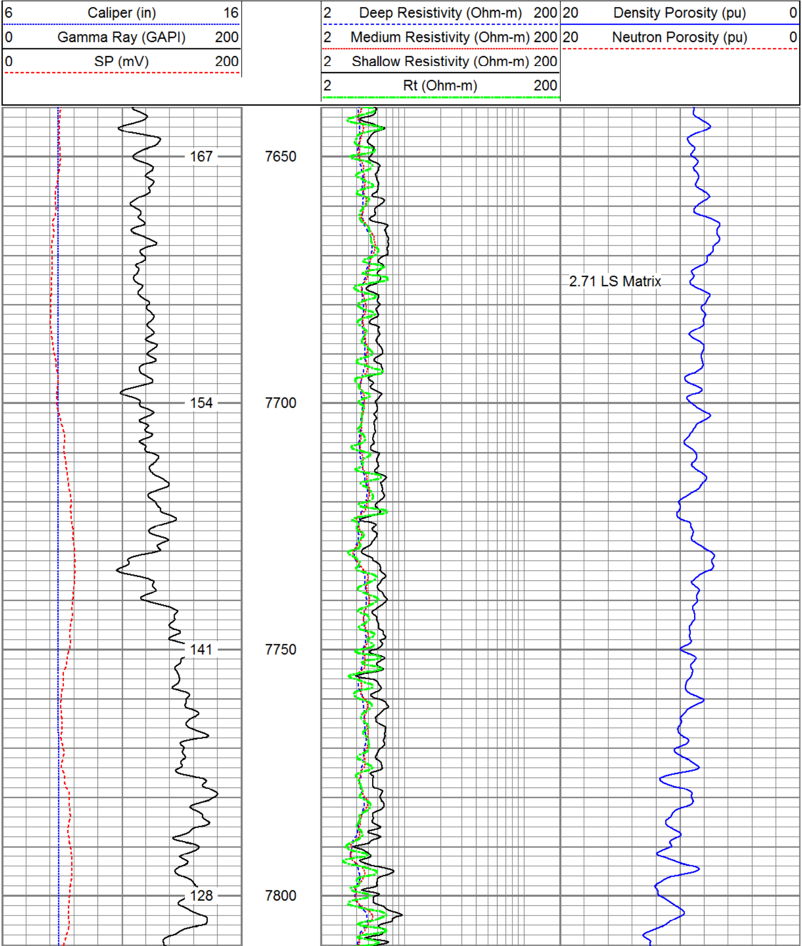


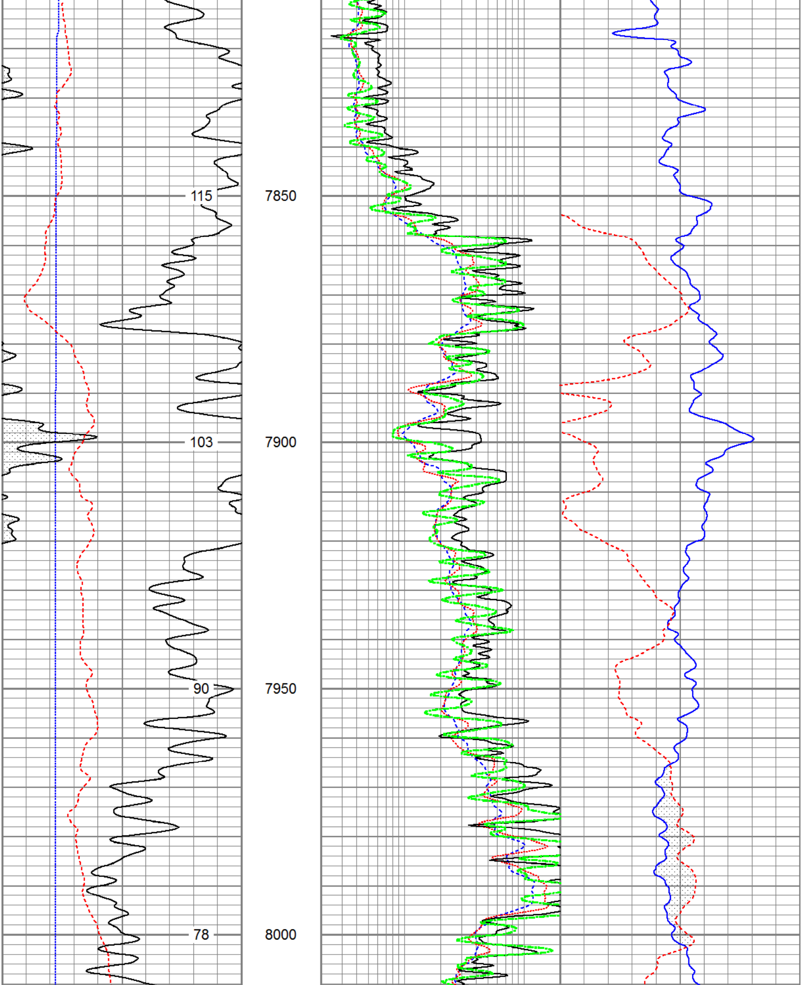


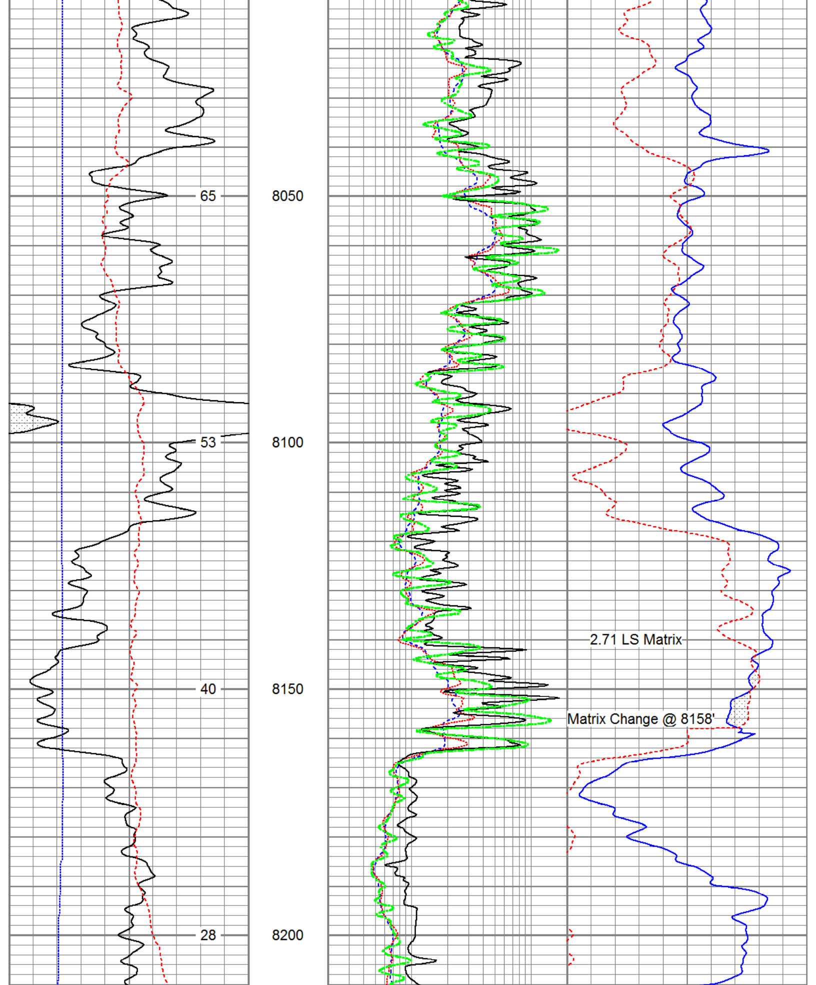


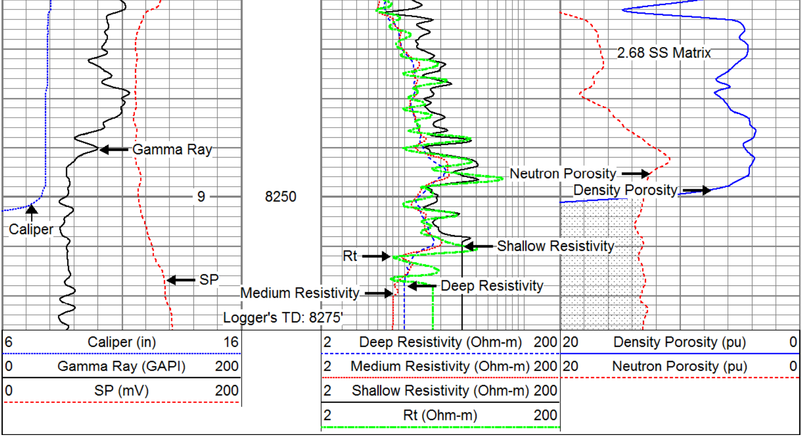


Database File: 13609.db
Dataset Pathname: final
Presentation Format: pdc
Dataset Creation: Tue Jul 15 17:30:49 2014
Charted by: Depth in Feet scaled 1:240









Calibration Report

Database File: 13609.db
Dataset Pathname: pass3.1
Dataset Creation: Tue Jul 15 17:26:44 2014 by Calc 0

Dual Induction Calibration Report

Serial-Model: 1011-PSI
Surface Cal Performed:

	Readings		References			Results	
Loop:	Air	Loop	Air	Loop		m	b
Deep	0.000	1.000	0.000	1.000	mmho/m	0.510	-28.000
Medium	0.000	1.000	0.000	1.000	mmho/m	0.460	-27.000

Compensated Density Calibration Report

Serial-Model: 998-PSI
Master Calibration Performed: Mon Apr 21 14:34:15 2014

Master Calibration

	Density		Far Detector	Near Detector	
Magnesium	1.750	g/cc	7210.00	9816.00	cps
Aluminum	2.690	g/cc	1326.00	6231.00	cps

	Size		Reading
Small Ring		in	
Medium Ring		in	
Large Ring		in	

Compensated Neutron Calibration Report

Serial Number:	826
Tool Model:	PSI

CALIBRATION

Detector	Readings		Target		Normalization
Short Space	1.00	cps	1.00	cps	1.9000
Long Space	1.00	cps	1.00	cps	2.0900

Gamma Ray Calibration Report

Serial Number:	939	
Tool Model:	PSI	
Performed:	Sat May 17 22:07:40 2014	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.6000	GAPI/cps