PIONEER
Pioneer Energy Services

HIGH RESOLUTION INDUCTION GUARD LOG - SP GAMMA RAY

Company EnCana Oil & Gas (USA) Inc.
Well Jillson-East Rinn 3G-22H-N268
Field Wattenberg
County Colorado
State USA

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Field Wattenberg
County Colorado **State** USA

Location: API # : 05123380040000

610' FSL & 2213' FWL SESW

SEC 22 TWP 2N RGE 68W

Other Services
None

Permanent Datum	GL	Elevation	4975
Log Measured From	KB		
Drilling Measured From	KB		

Elevation
K.B. 5000
D.F. 4999
G.L. 4975

Date	July 6, 2014		
Run Number	1		
Depth Driller	7832'		
Depth Logger	4005'		
Bottom Logged Interval	4005'		
Top Log Interval	Casing		
Casing Driller	865'		
Casing Logger	865'		
Bit Size	8-3/4"		
Type Fluid in Hole	Chem Gel		
Density / Viscosity	10.5 / 39		
pH / Fluid Loss	8.5 / 4.2		
Source of Sample	Mudpit		
Rm @ Meas. Temp	3.15 @ 63 F		
Rmf @ Meas. Temp	2.52 @ 63 F		
Rmc @ Meas. Temp	3.78 @ 63 F		
Source of Rmf / Rmc	Measure / Calc		
Rm @ BHT	1.07 @ 185 F		
Time Circulation Stopped	2100 7/5		
Time Logger on Bottom	0430		
Maximum Recorded Temperature	185 F		
Equipment Number	49		
Location	Ft. Morgan		
Recorded By	Matt Gill		
Witnessed By	Joe Nelson		

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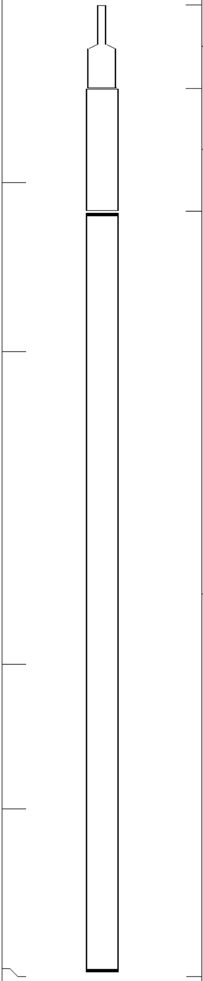
All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not be liable or responsible for any loss, costs, damages,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

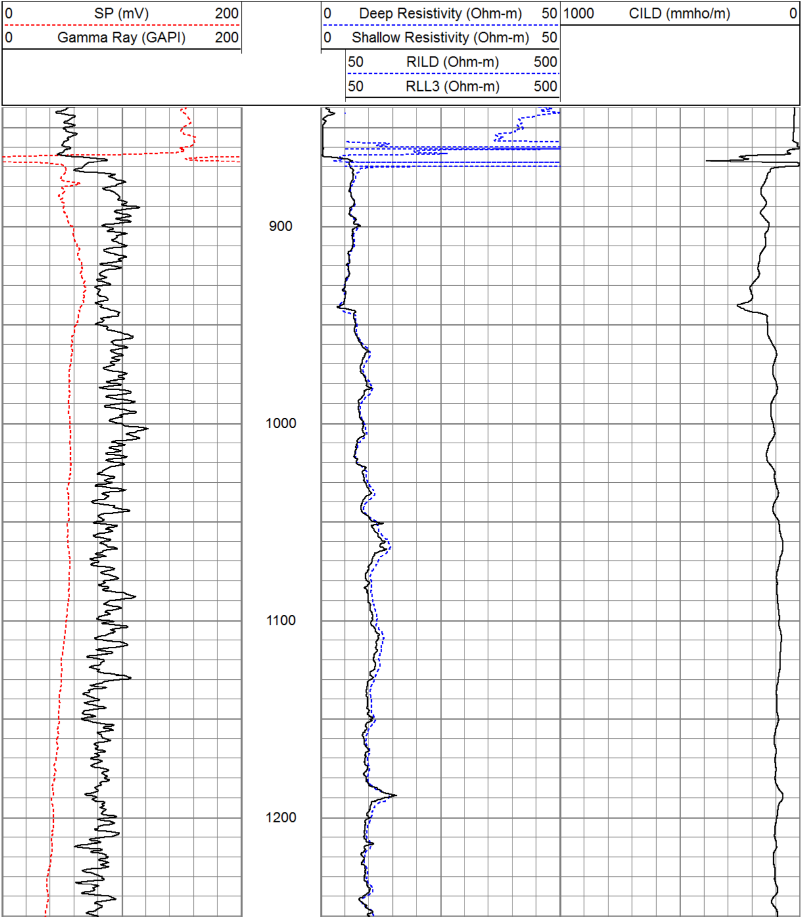
Comments

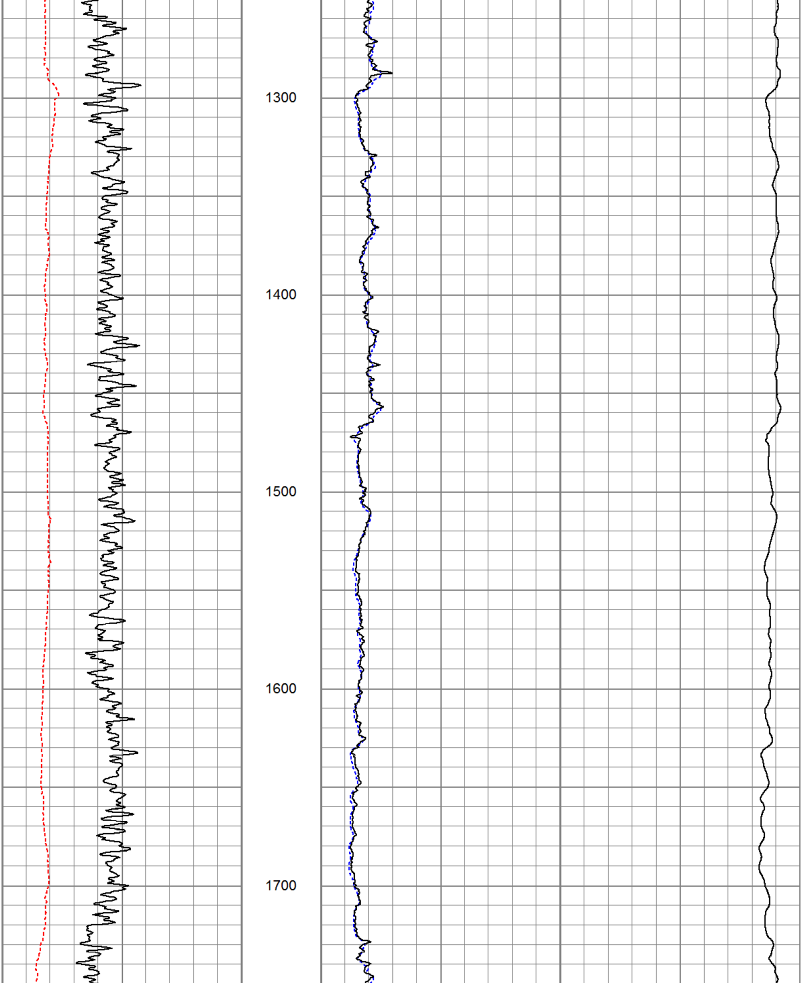
Thank You for using Pioneer Energy Services
H&P Drilling Rig 278

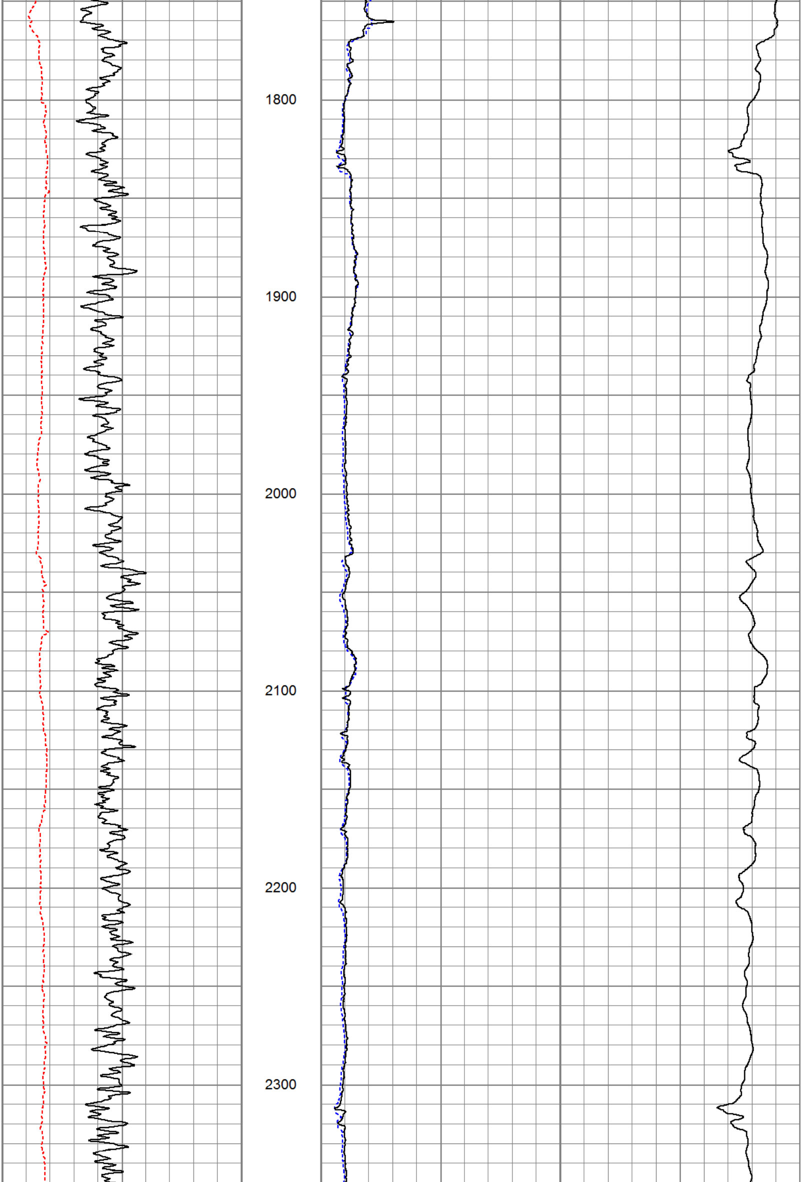
Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD (~0)	2.00	3.50	30.00
			GR-PSI (923)	2.92	3.50	40.00
GR	0.00					
RLL3	-4.02					
			DIL-PSI (1011)	18.25	3.75	175.00
CILD	-11.47					
CILM	-14.92					
SP	-18.92					

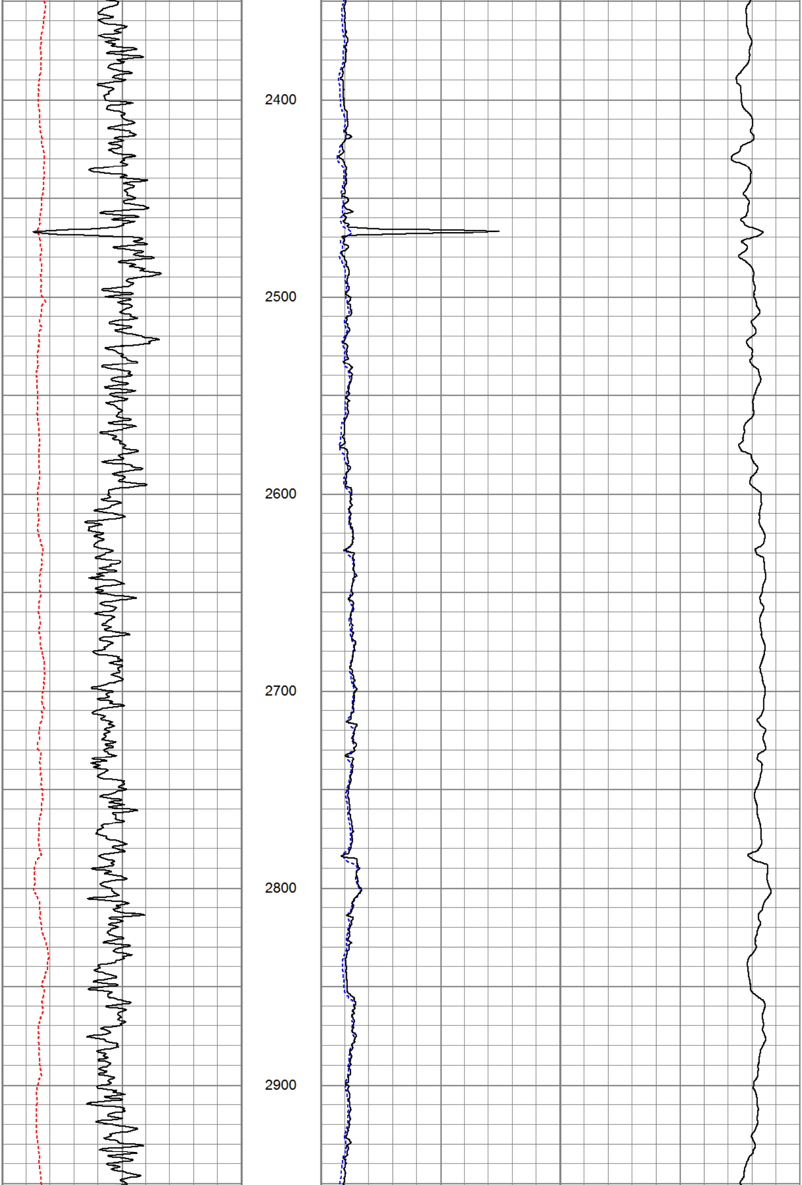
Dataset: 13599.db: field/well/run1/final
Total Length: 23.17 ft
Total Weight: 245.00 lb
O.D. 3.75 in

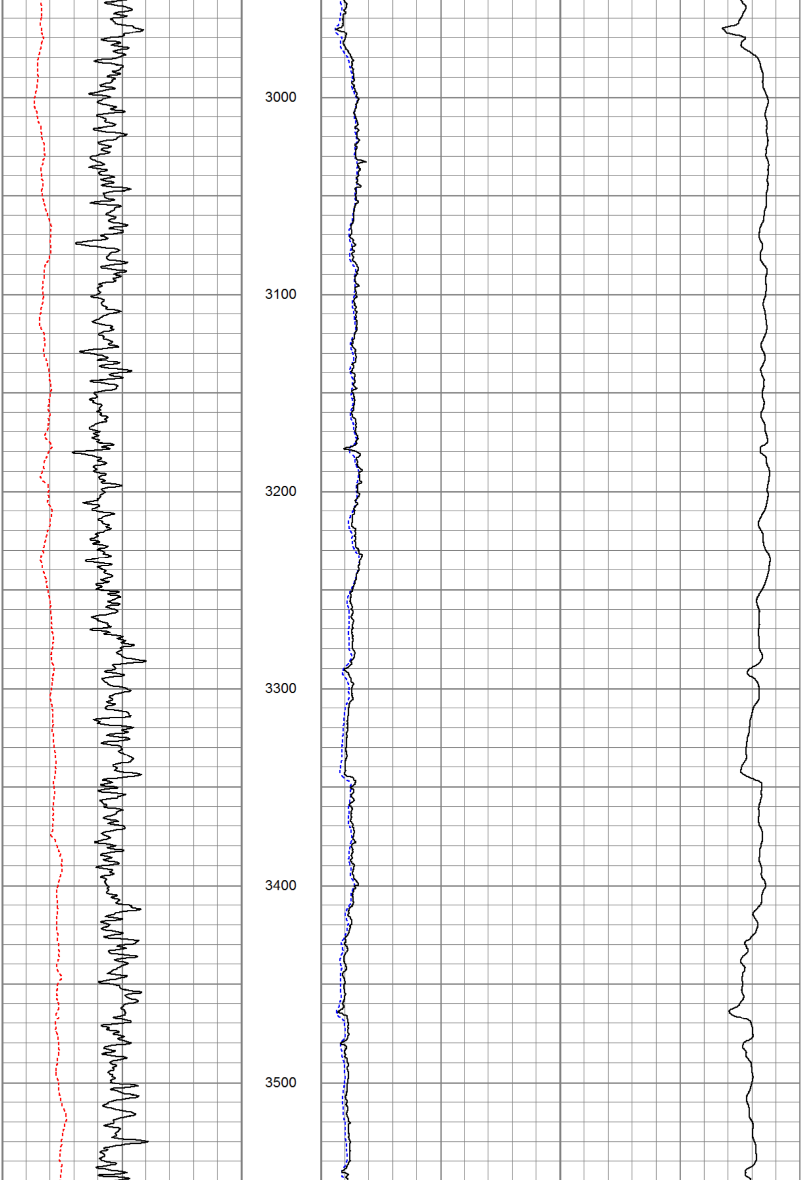
Database File:	13599.db
Dataset Pathname:	final
Presentation Format:	dilin5
Dataset Creation:	Sun Jul 06 05:05:47 2014
Charted by:	Depth in Feet scaled 1:600

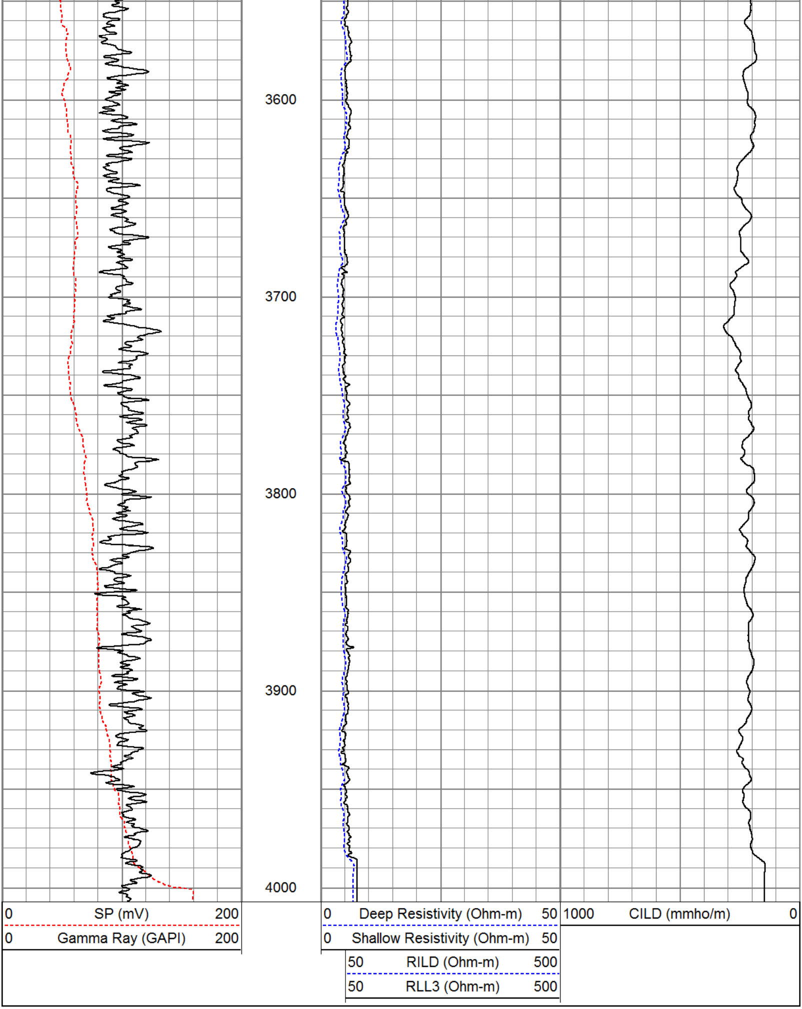




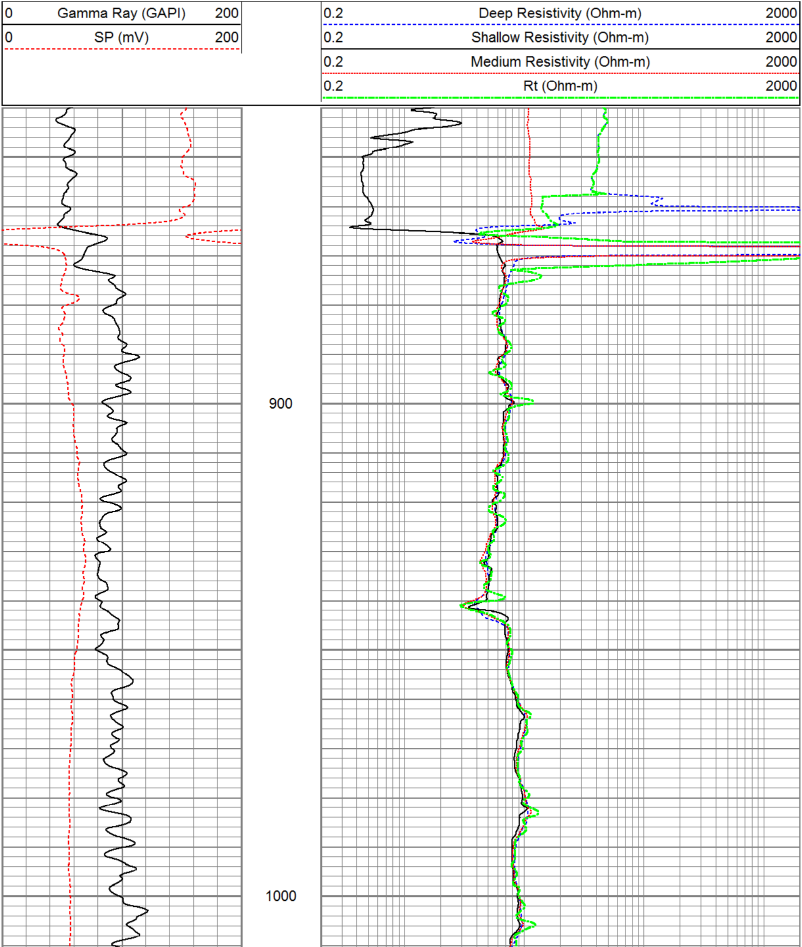


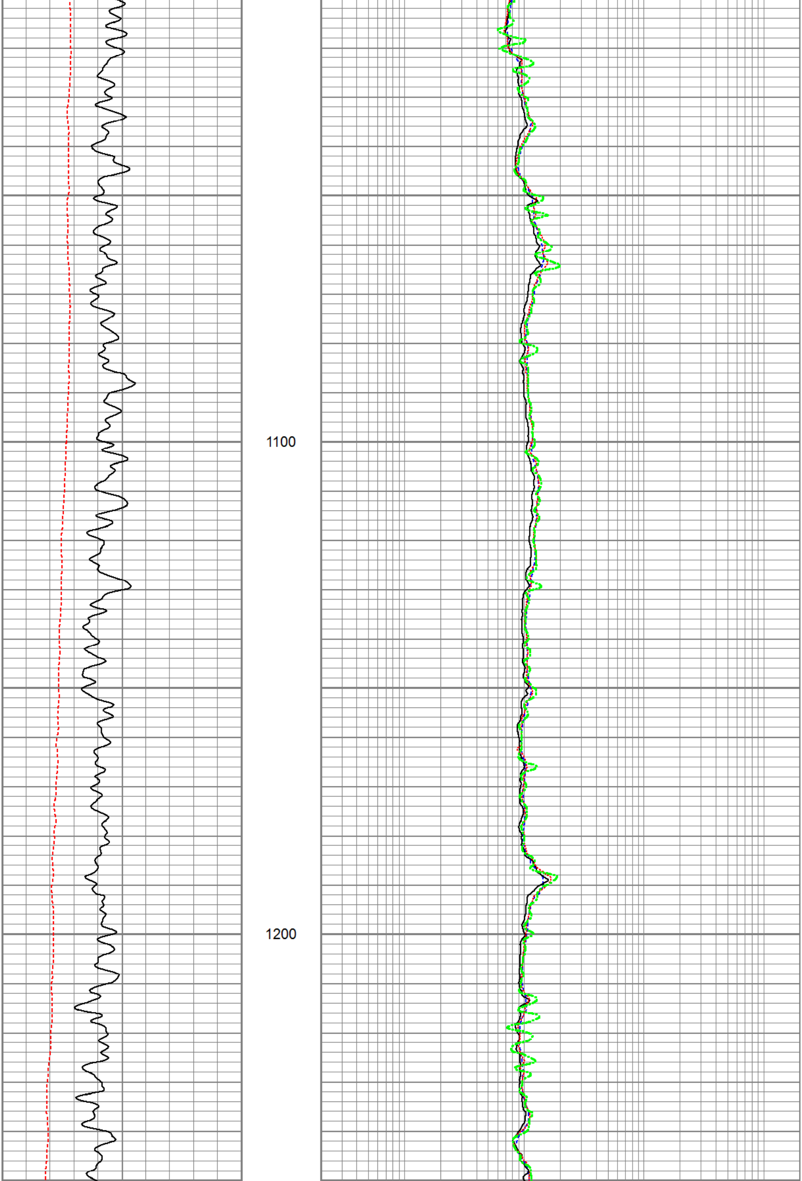


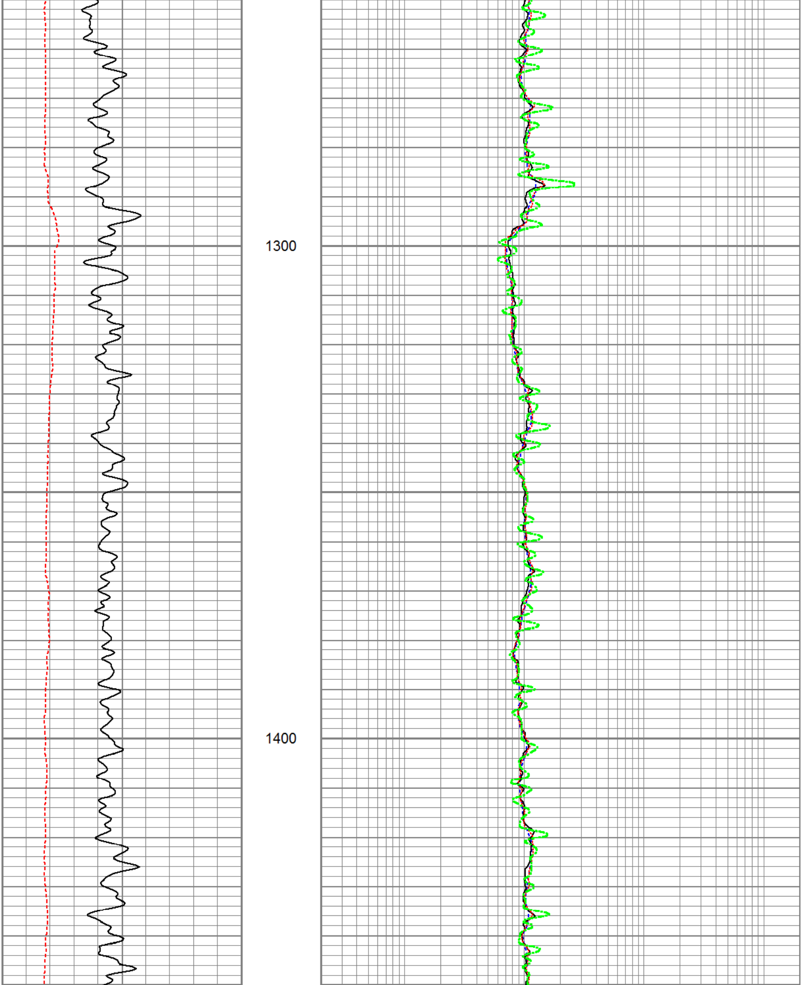


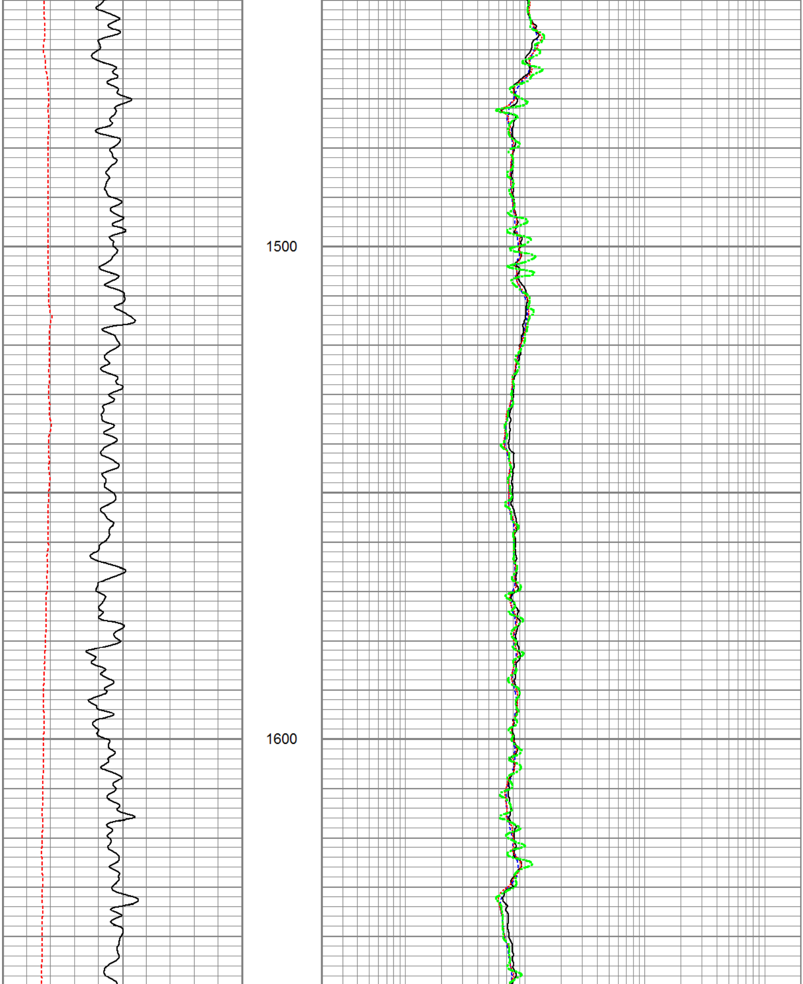


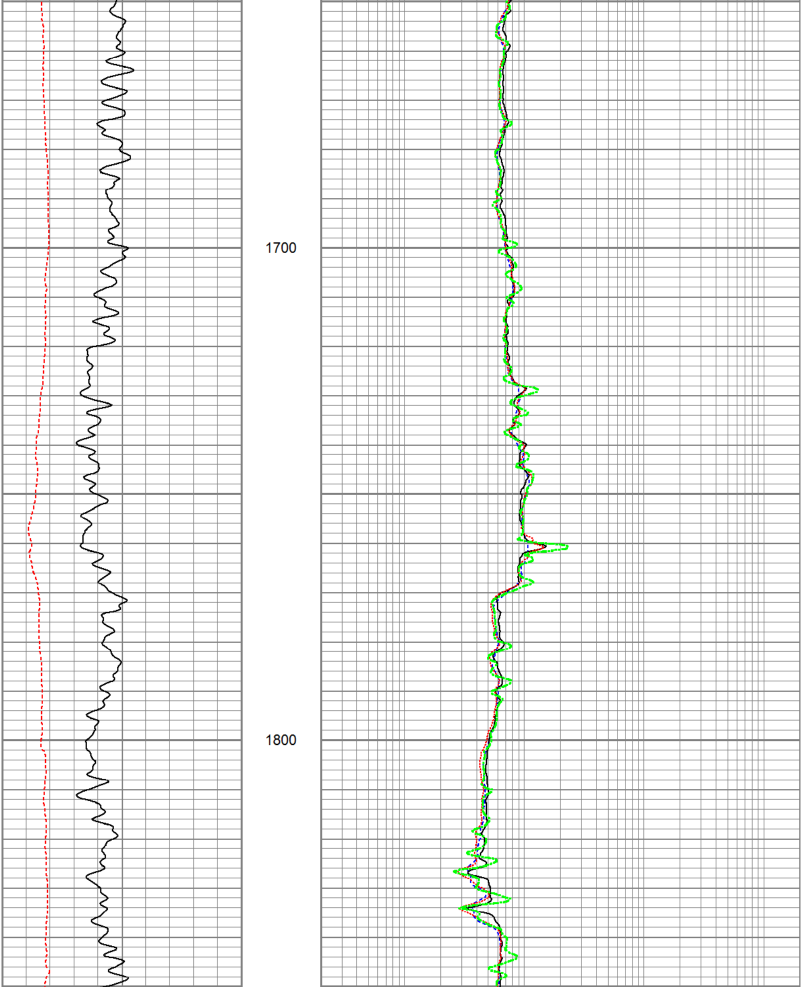
Database File: 13599.db
Dataset Pathname: final
Presentation Format: dil
Dataset Creation: Sun Jul 06 05:05:47 2014
Charted by: Depth in Feet scaled 1:240

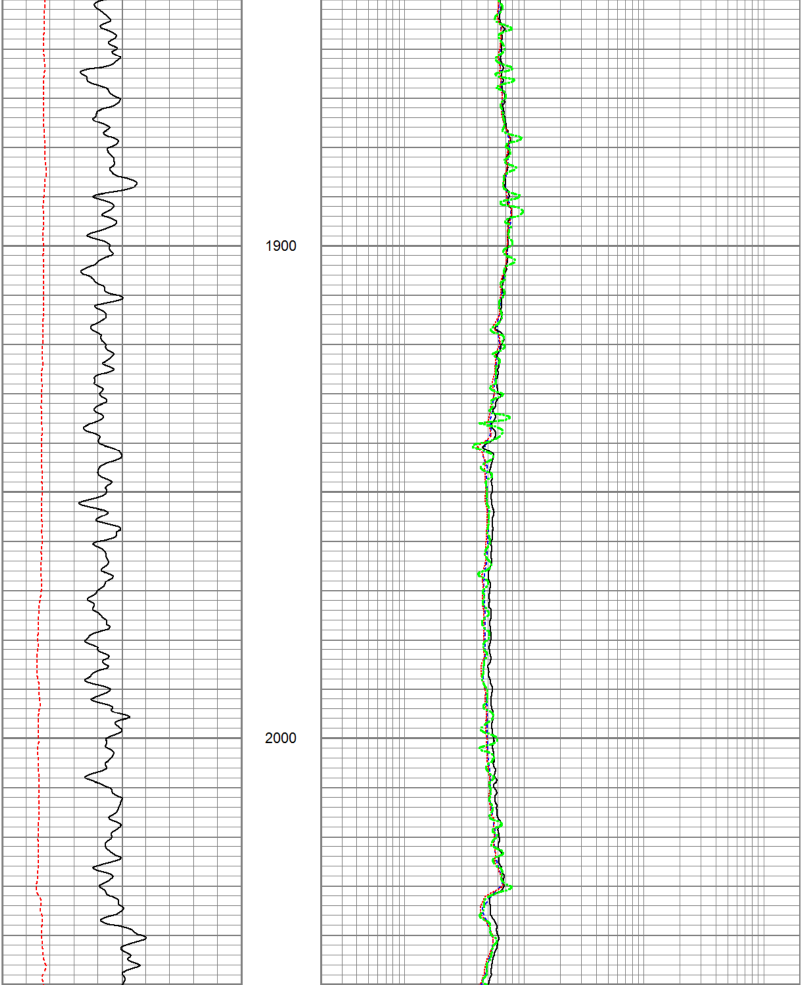


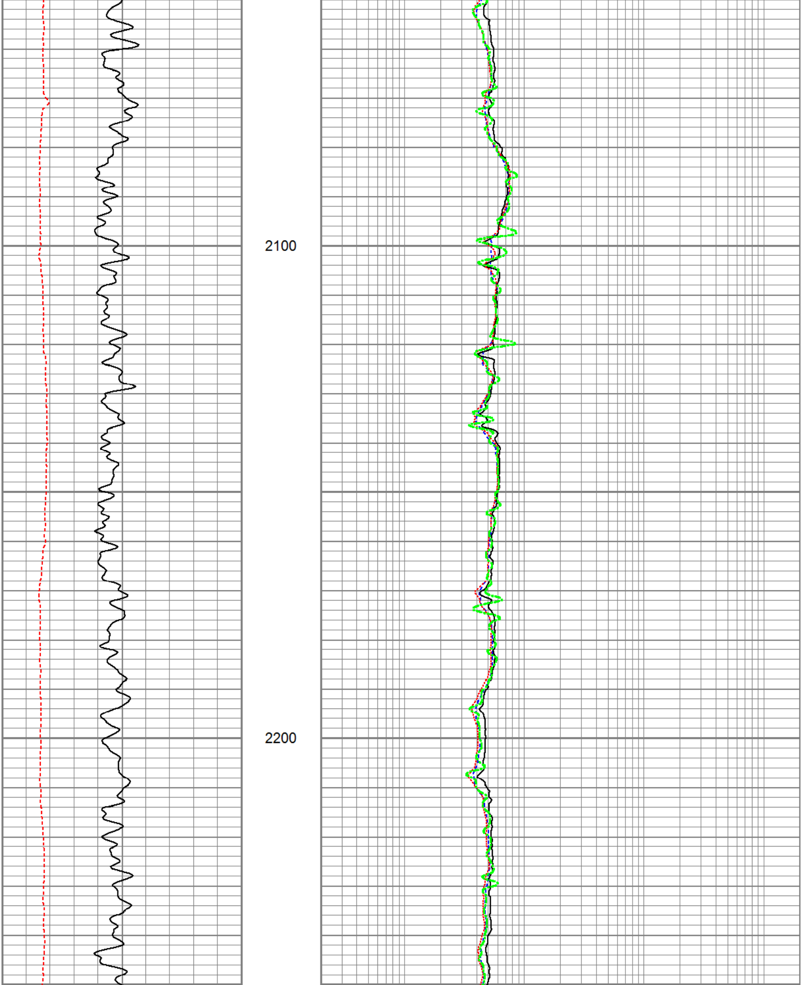


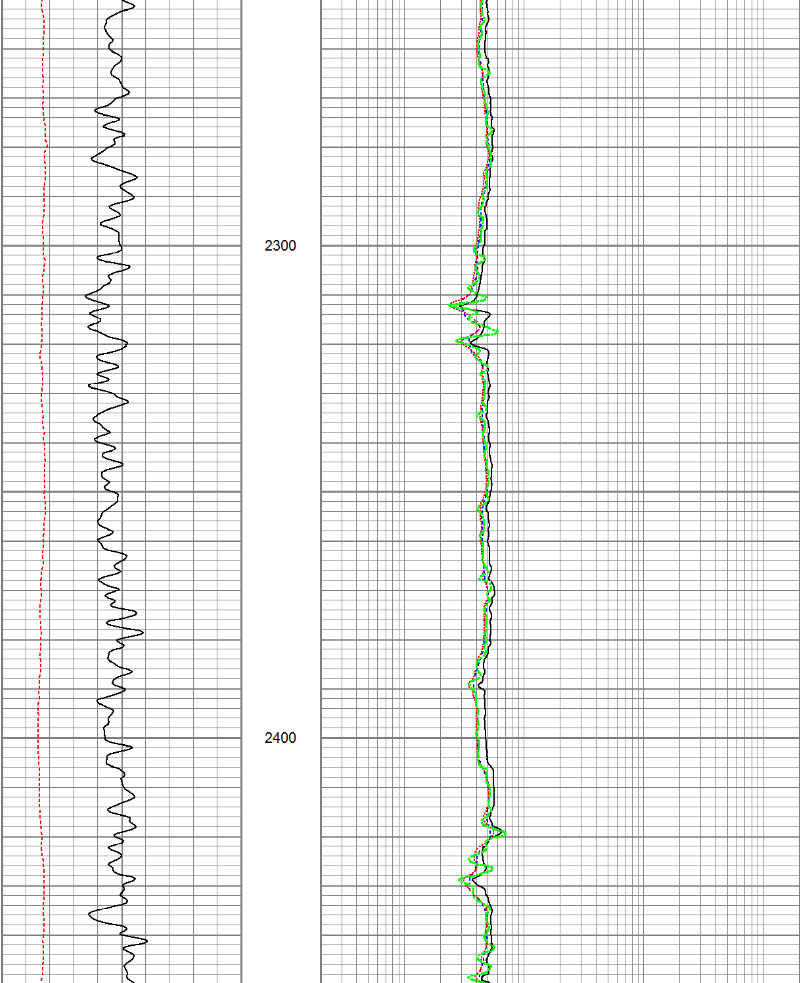


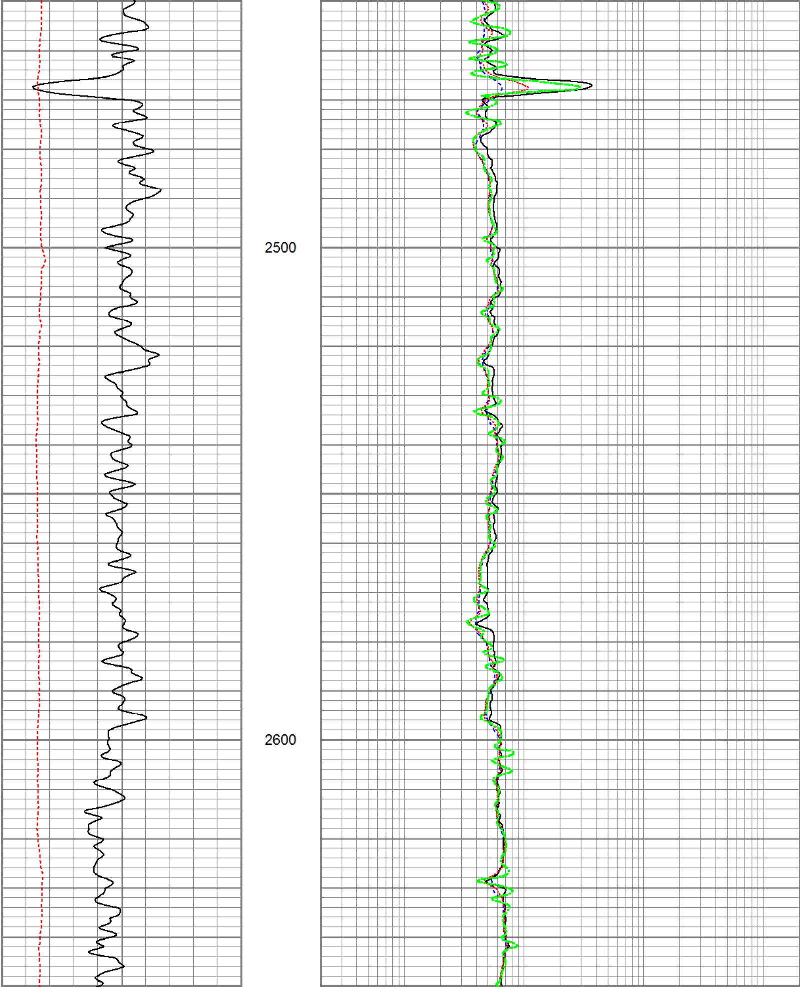


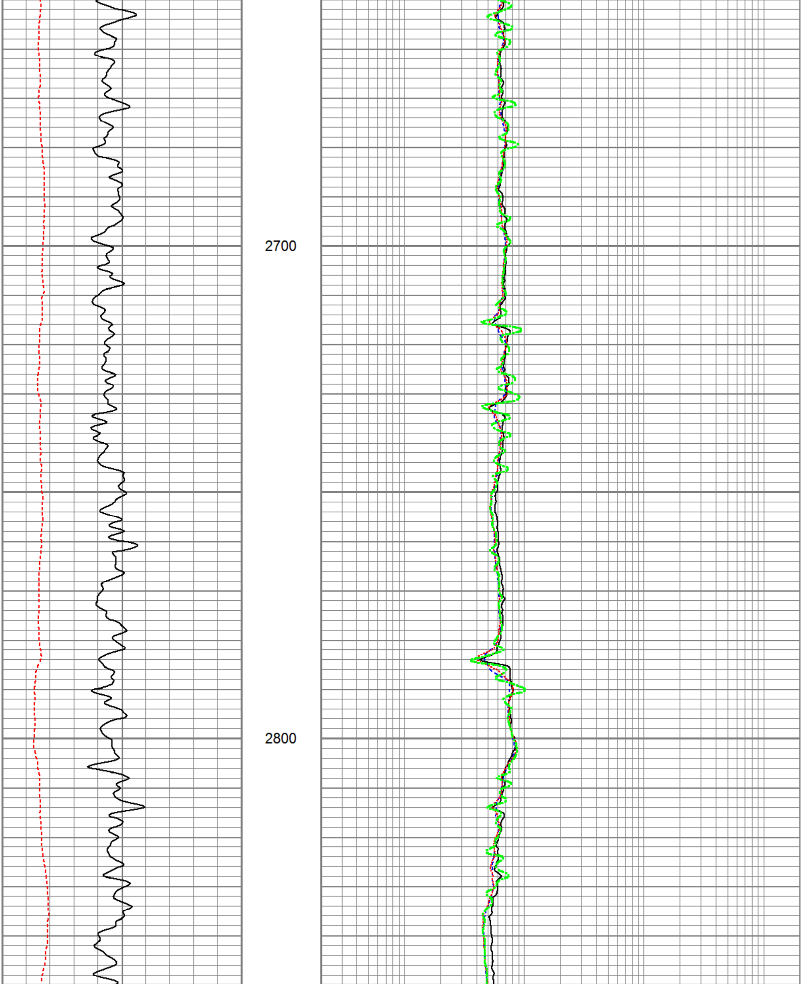


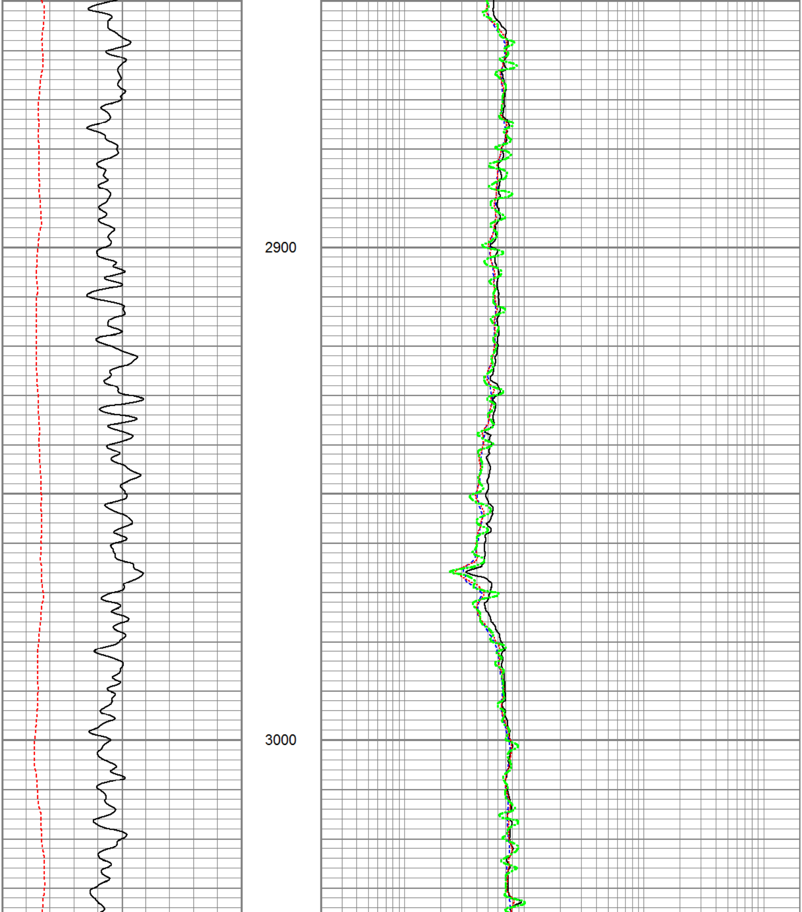












Calibration Report

Database File: 13599.db
Dataset Pathname: pass1
Dataset Creation: Sun Jul 06 04:22:15 2014 by Log 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	0.440	-28.000

Gamma Ray Calibration Report

Serial Number: 923
Tool Model: PSI
Performed: Tue Jul 09 21:27:42 2013

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
Calibrator Reading: 1.0 cps

Sensitivity: 0.6000 GAPI/cps