BLUEJET INC.
PERFORATING LOGGING

CASED HOLE NEUTRON LOG
GAS SPECTRUM LOG
FINAL PRINT

Company CATAMOUNT ENERGY PATNERS LLC
Well IGW 123B
Field FRUITLAND COAL
County LA PLATA
State COLORADO

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Well IGW 123B
Field FRUITLAND COAL
County LA PLATA **State** COLORADO

Location: API # : 05-067-10008

1184' FSL & 1561' FWL

SEC 6 TWP 33N RGE 8W

Other Services

Permanent Datum	GROUND LEVEL	**Elevation**	6456'
Log Measured From	RKB 16'		
Drilling Measured From	RKB		

Elevation
K.B. 6472'
D.F. 6471'
G.L. 6456'

Date	12/7/2017		
Run Number	ONE		
Depth Driller	3596'		
Depth Logger	3515'		
Bottom Logged Interval	3515'		
Top Log Interval	1500'		
Open Hole Size			
Type Fluid			
Density / Viscosity			
Max. Recorded Temp.			
Estimated Cement Top			
Time Well Ready	12:00 PM		
Time Logger on Bottom	12:30 PM		
Equipment Number	D-5 SDS GSLN		
Location	FRM		
Recorded By	T . LUTHER		
Witnessed By	MR. MARK WOLFE		

Borehole Record				Tubing Record			
Run Number	**Bit**	**From**	**To**	**Size**	**Weight**	**From**	**To**

Casing Record	**Size**	**Wgt/Ft**	**Top**	**Bottom**
Surface String	8-5/8	12# J-55	SURF.	377'
Prot. String				
Production String	5.5"	17# CP80	SURF.	3586'
Liner				
MARKER JOINT	2782-2802'			

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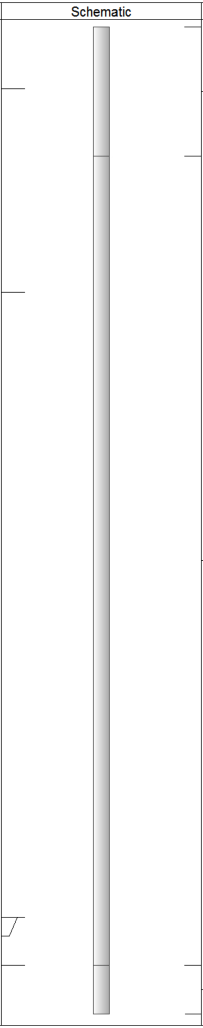
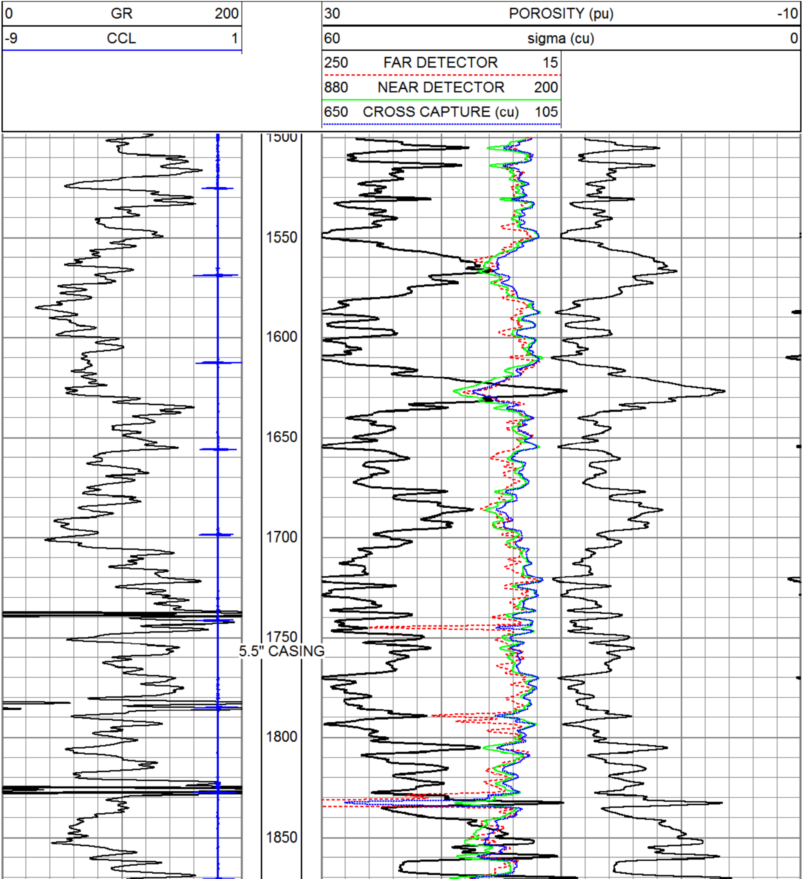
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

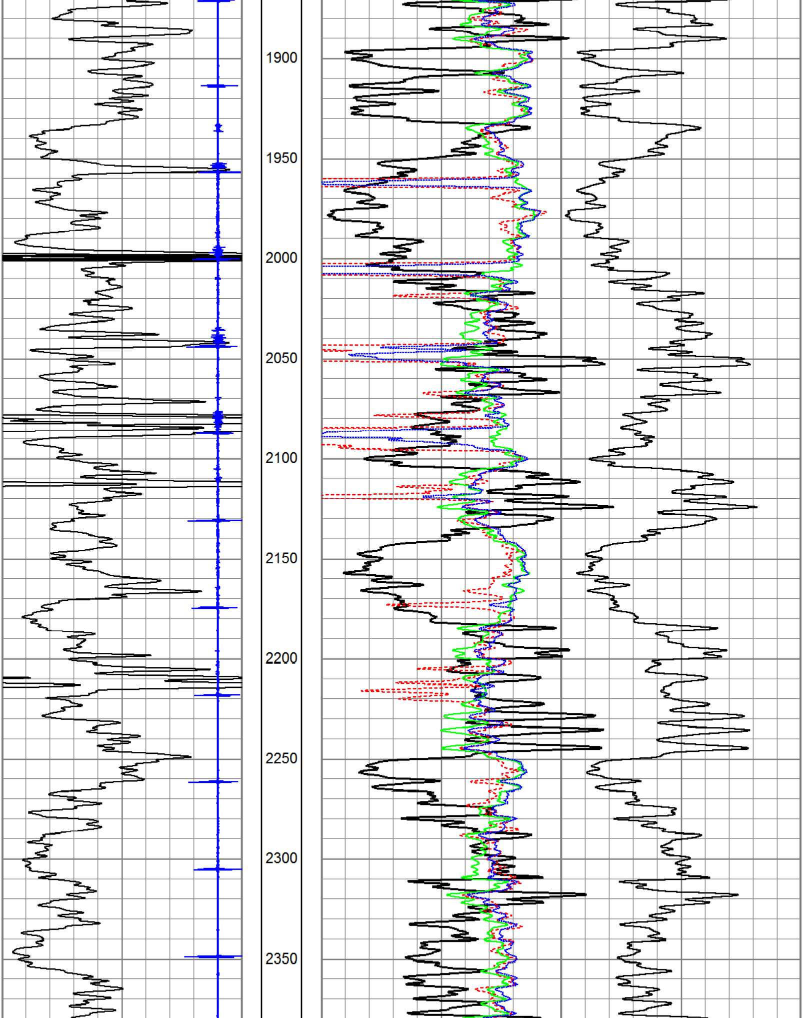
Comments

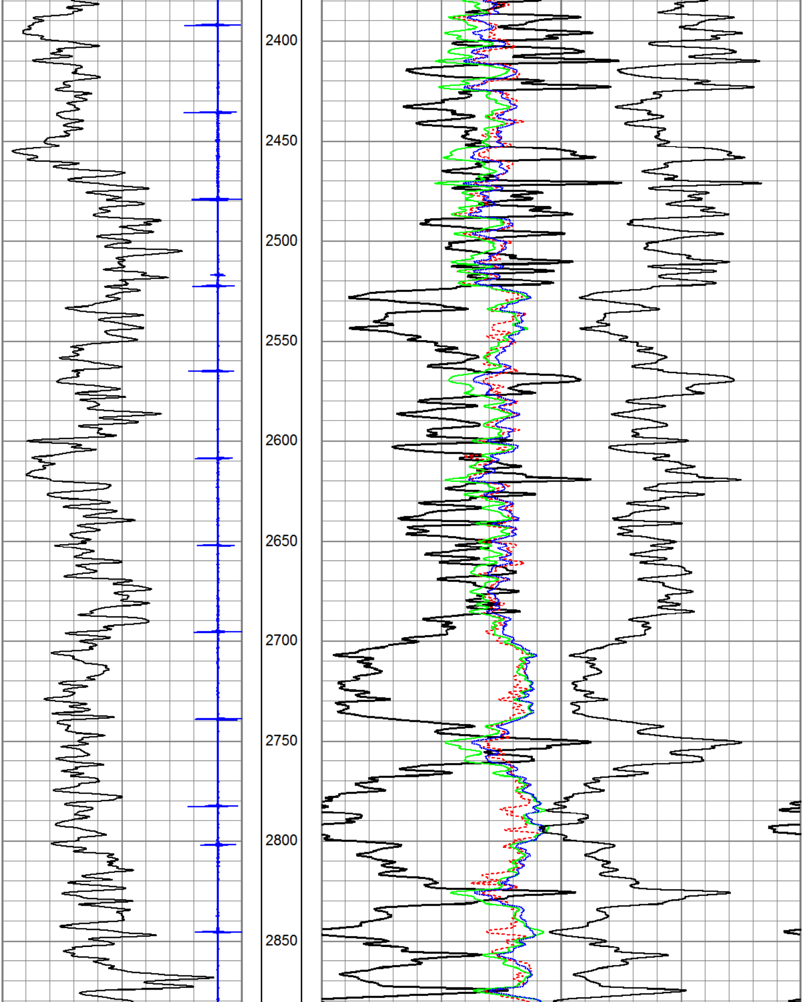
Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
CCL	9.62		CCL-SPCL (SPCL1) 1 11/16" Logging CCL	1.35	1.69	10.00
GR	7.50					
			GSL-SIE (GSL_N) Comprobe GSL Tool	8.42	1.69	40.00
NEUFP	1.00					
NEUF	1.00					
NEU	0.50					
			Neu_Source-NEUTRON Neutron Source	0.50	1.69	1.00

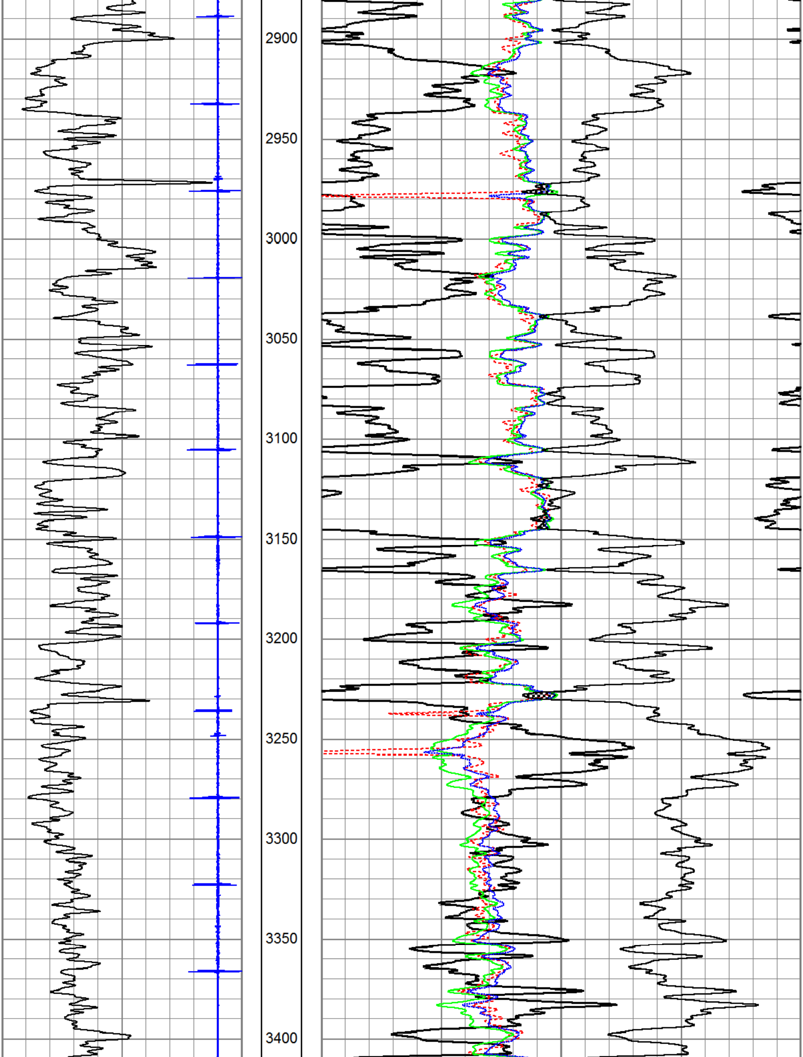
Dataset:	catamount1gw123bfcgsl.db: fieldfc/welligw123/run1/pass3.1
Total length:	10.27 ft
Total weight:	51.00 lb
O.D.:	1.69 in

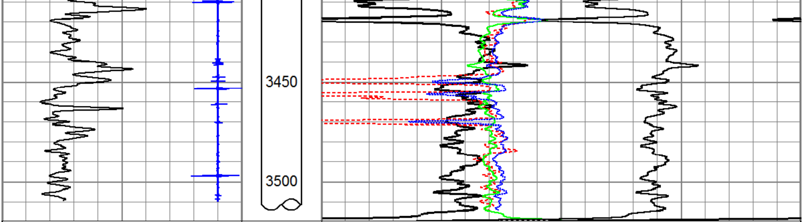
Database File	catamount1gw123bfcgsl.db
Dataset Pathname	fieldfc/welligw123/run1/pass3.1
Presentation Format	gslcata
Dataset Creation	Thu Dec 07 16:47:56 2017
Charted by	Depth in Feet scaled 1:600











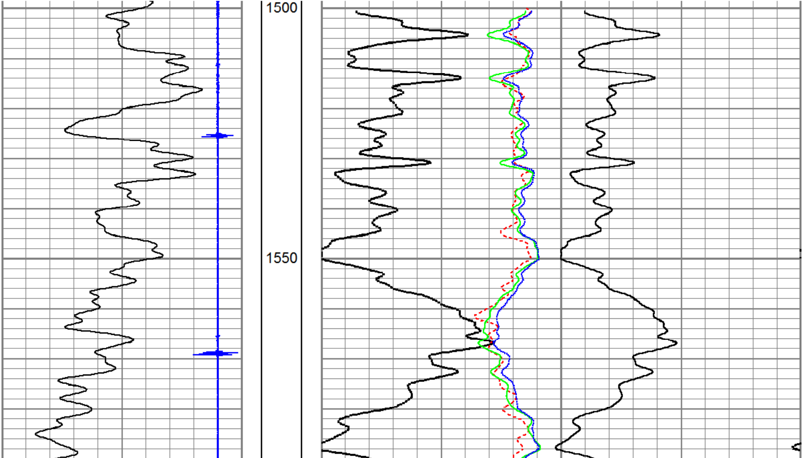
0	GR	200
-9	CCL	1

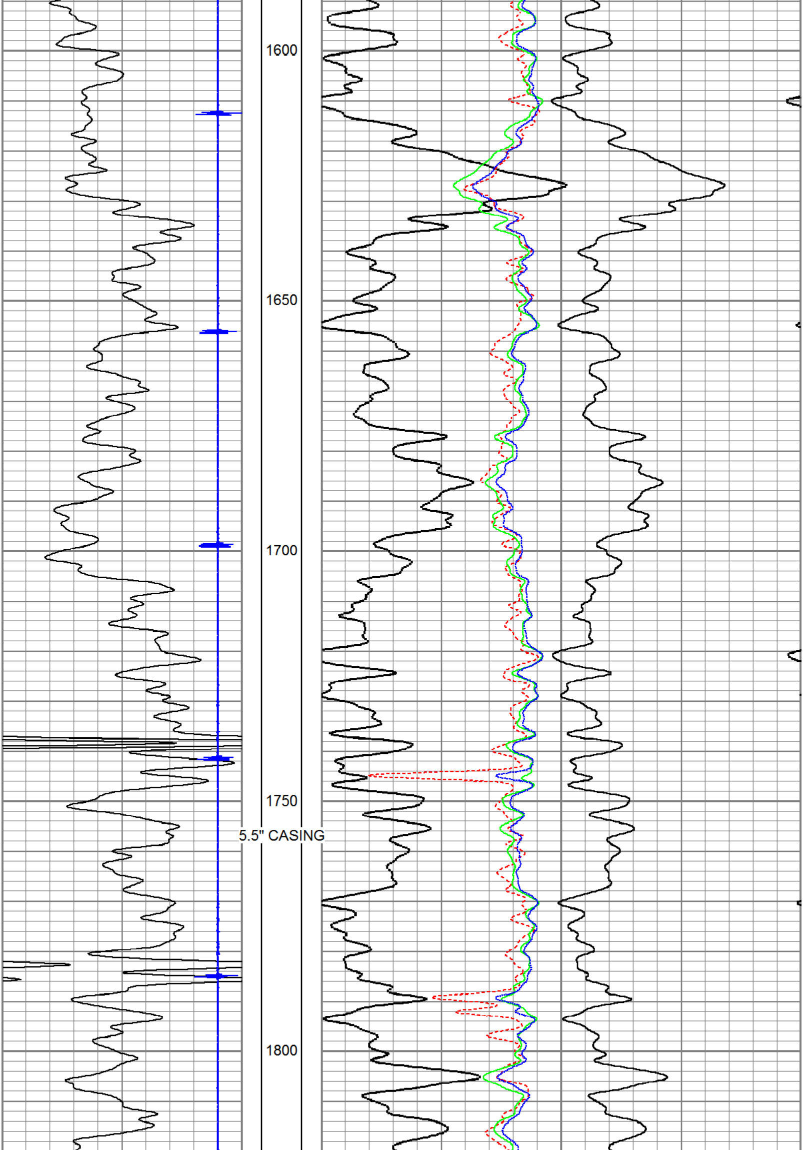
30	POROSITY (pu)	-10
60	sigma (cu)	0
250	FAR DETECTOR	15
880	NEAR DETECTOR	200
650	CROSS CAPTURE (cu)	105

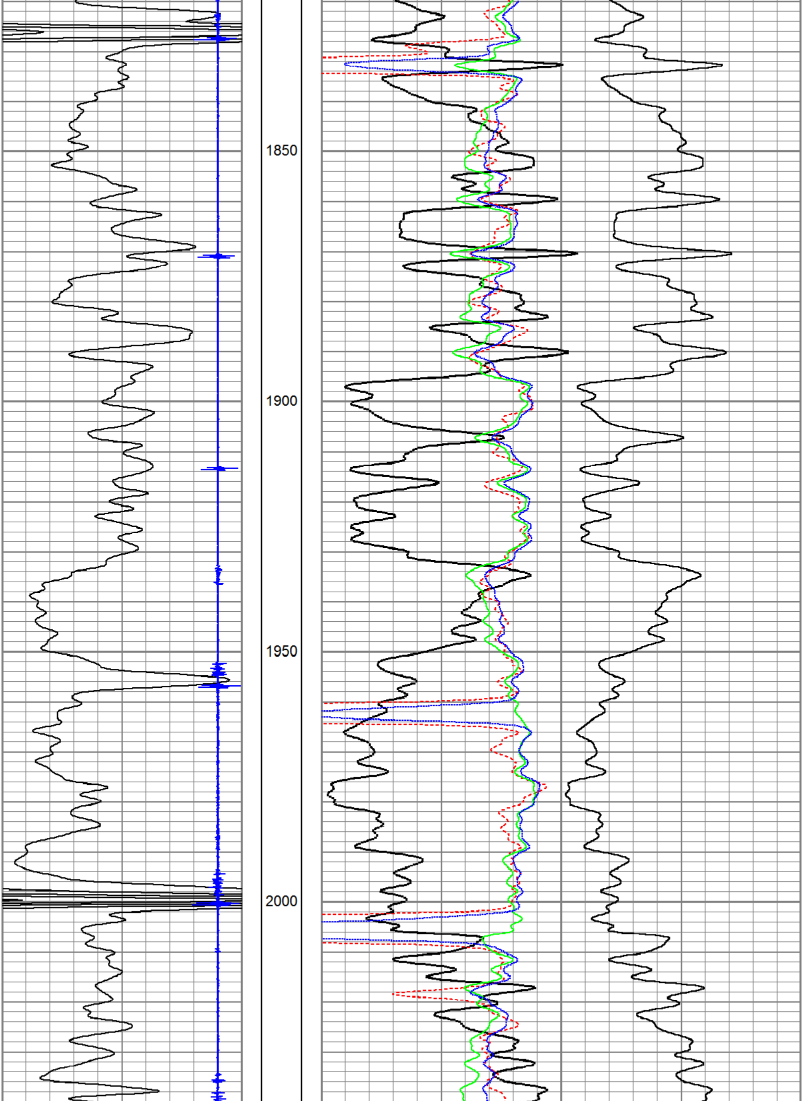
Database File	catamount1gw123bfcgsl.db
Dataset Pathname	fieldfc/welligw123/run1/pass3.1
Presentation Format	gslcata
Dataset Creation	Thu Dec 07 16:47:56 2017
Charted by	Depth in Feet scaled 1:240

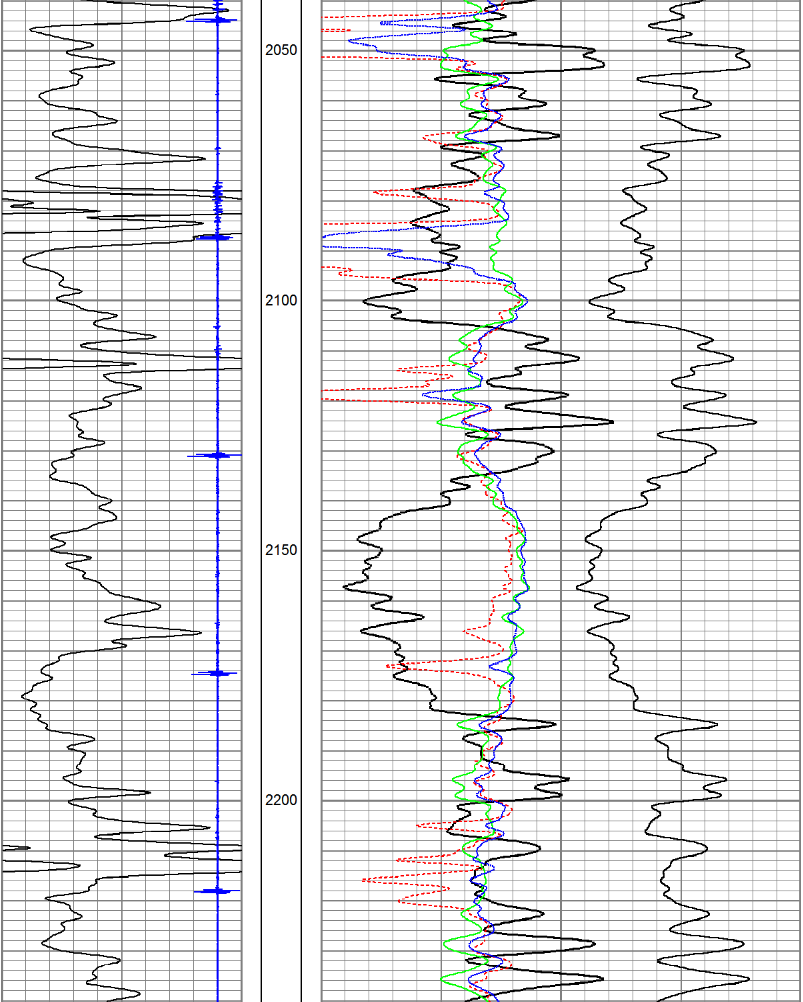
0	GR	200
-9	CCL	1

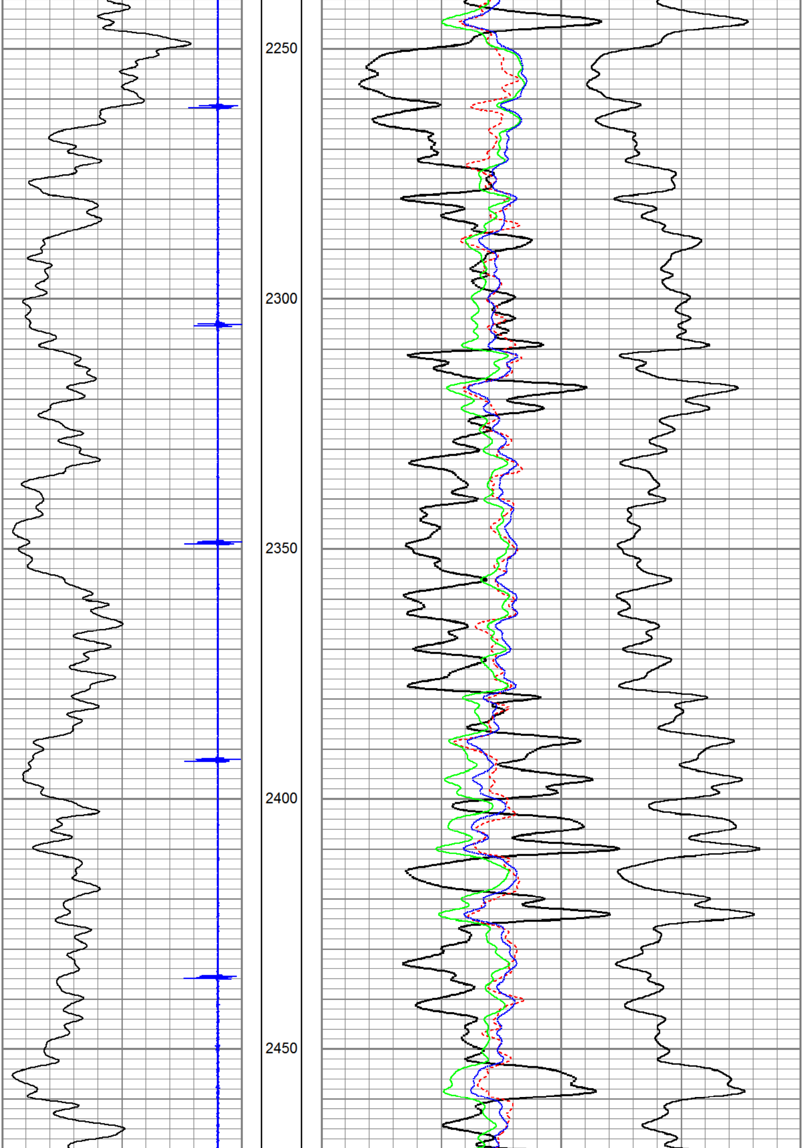
30	POROSITY (pu)	-10
60	sigma (cu)	0
250	FAR DETECTOR	15
880	NEAR DETECTOR	200
650	CROSS CAPTURE (cu)	105

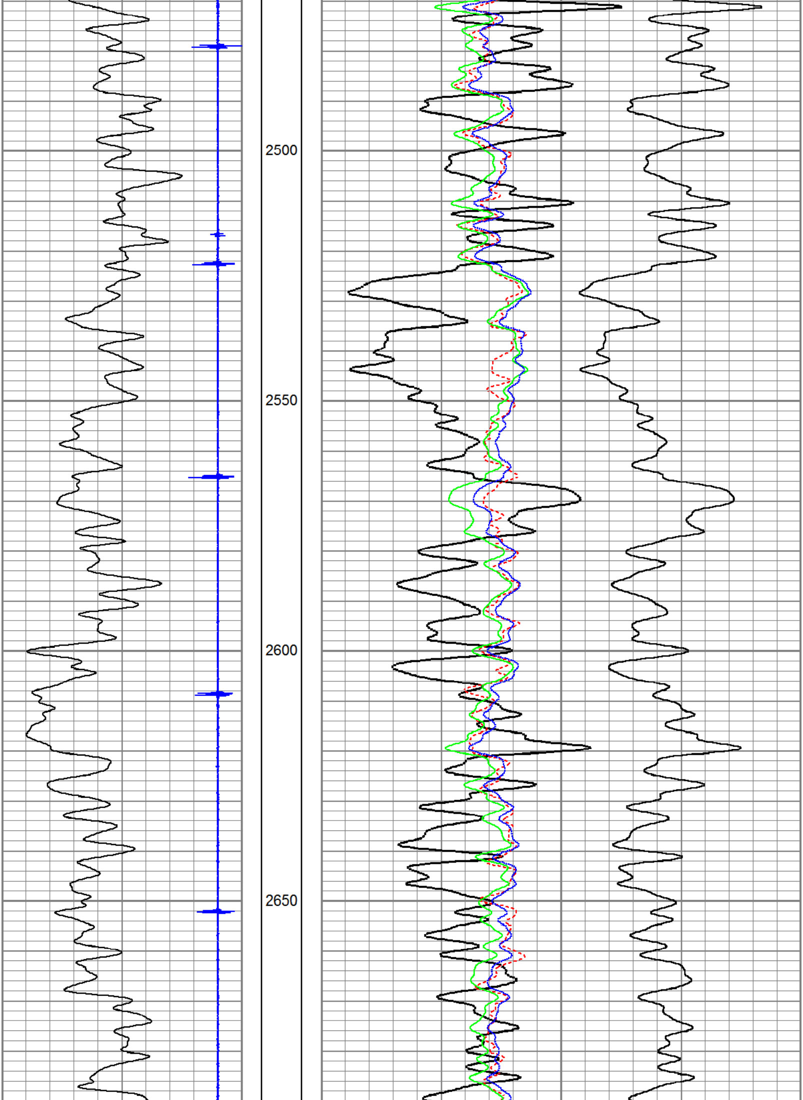


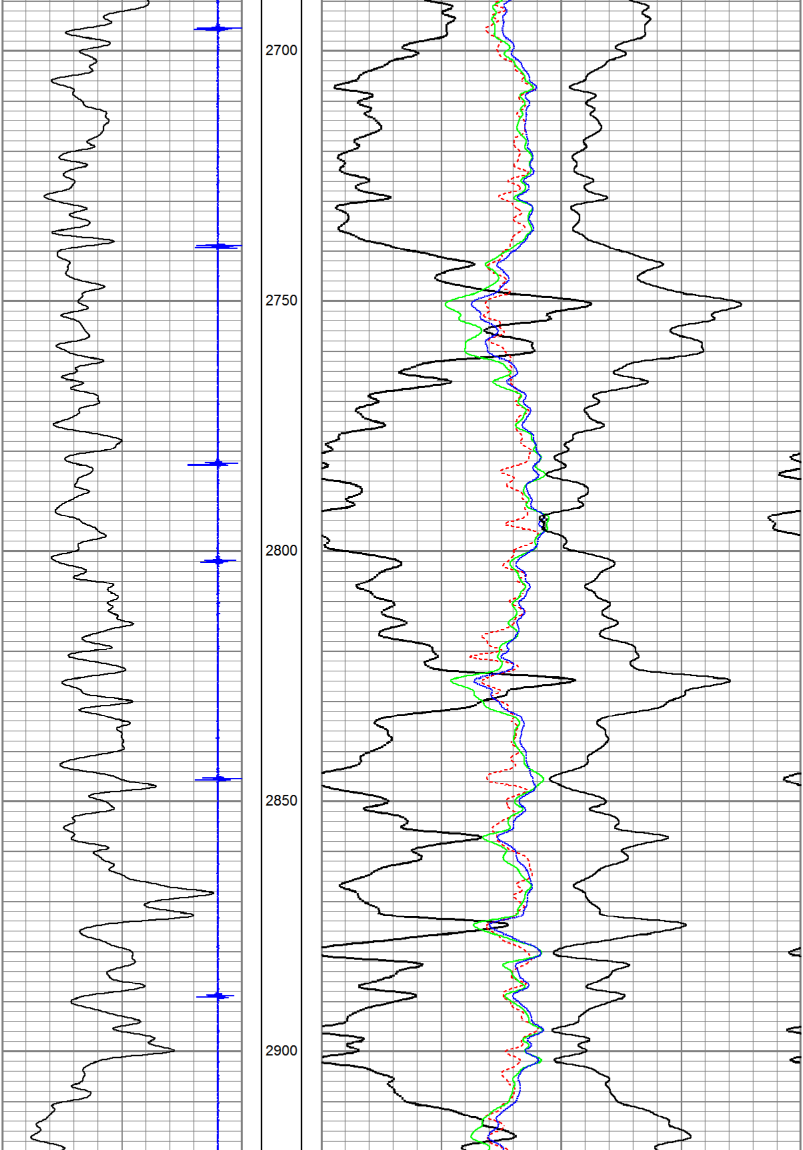


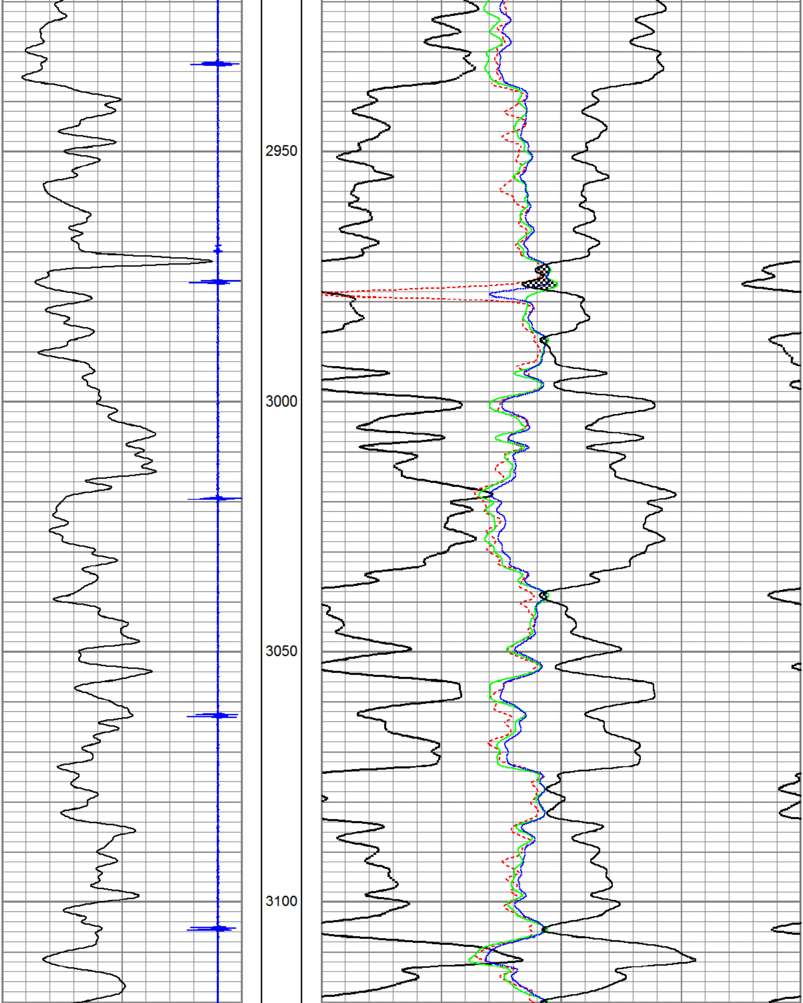


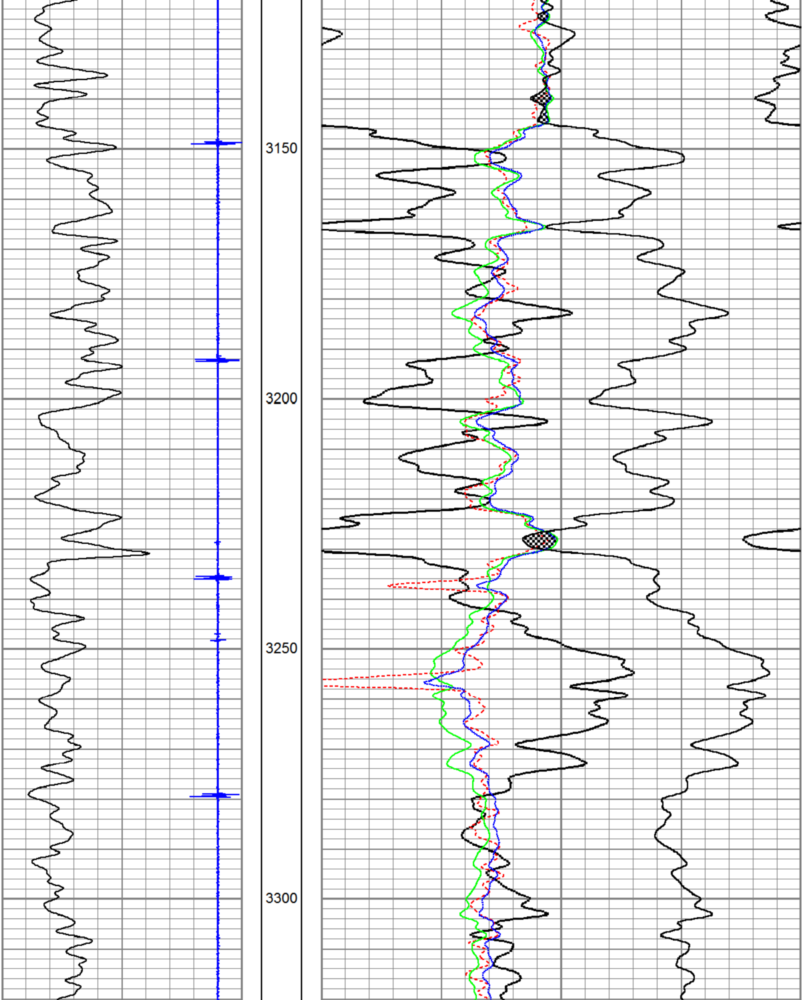


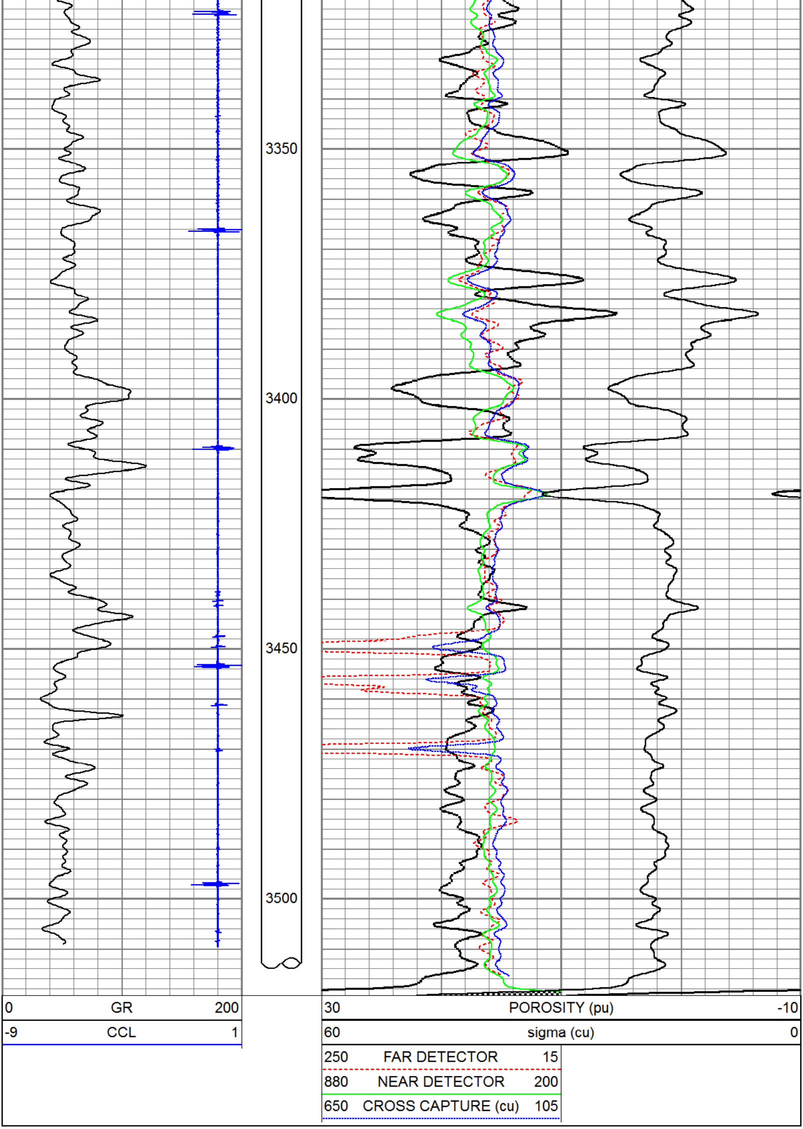












Calibration Report

Database File	catamount1gw123bfcgsl.db
Dataset Pathname	fieldfc/welligw123/run1/pass3.1
Dataset Creation	Thu Dec 07 16:47:56 2017

Gamma Ray Calibration Report

Serial Number:	GSL_N	
Tool Model:	SIE	
Performed:	Sat Dec 02 13:54:57 2017	
Calibrator Value:	1.0	
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	6.5000	/cps

Neutron Calibration Report

Serial Number:	GSL_N		
Tool Model:	SIE		
Performed:	Tue May 08 10:44:33 2012		
Calibrator Values:	0	1	
Calibrator Readings:	0	1	cps
Sensitivity:	1.2	/cps	