Pioneer Energy Services

GAMMA RAY CCL CEMENT BOND VDL SECTOR MAP

Company	Kerr-McGee Oil & Gas OnShore LP		
Well	Everist 11-10		
Field	Wattenberg		
County	Weld		
State	Colorado	Country	USA

Company Kerr-McGee Oil & Gas OnShore LP
Well Everist 11-10
Field Wattenberg
County Weld
State Colorado **Country** USA

Location: API # : 05123267990000
SHL: 838' FSL & 1252' FWL
SWSW
SEC 10 TWP 2N RGE 68W

Other Services
None

Permanent Datum	GL	Elevation	5197
Log Measured From	KB		
Drilling Measured From	KB		

Elevation
K.B. 4875
D.F. 4874
G.L. 4860

Date	February 18, 2014		
Run Number	1		
Depth Driller	8235		
Depth Logger	1854		
Bottom Logged Interval	1852		
Top Log Interval	0		
Open Hole Size	NA		
Type Fluid	Water		
Density / Viscosity	NA		
Max. Recorded Temp.	NA		
Estimated Cement Top	190		
Time Well Ready	1300		
Time Logger on Bottom	1400		
Equipment Number	49		
Location	Brighton, CO		
Recorded By	Matt Gill		
Witnessed By	Nick Lang		

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

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String				
Prot. String				
Production String	4.5"	11.6 lbs	Surface	TD
Liner				

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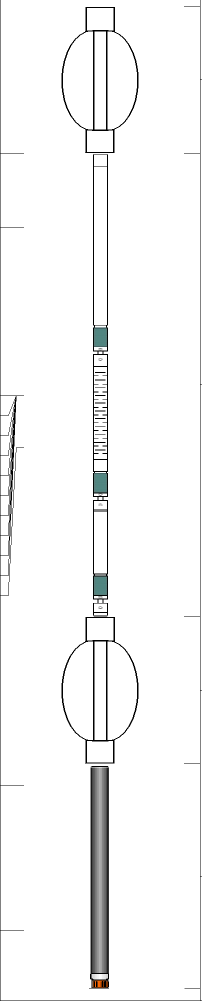
All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not be liable or responsible for any loss, costs, damages, 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
Basic Drilling Rig 1524

Sensor	Offset (ft)
HEADVOLT	16.08
IntTemp	14.66
WVF3FT	11.41
WVFCAL	11.41
WVFS1	11.41
WVFS2	11.41
WVFS3	11.41
WVFS4	11.41
WVFS5	11.41
WVFS6	11.41
WVFS7	11.41
WVFS8	11.41
WVF5FT	10.41
CCL	3.92
GR	1.13

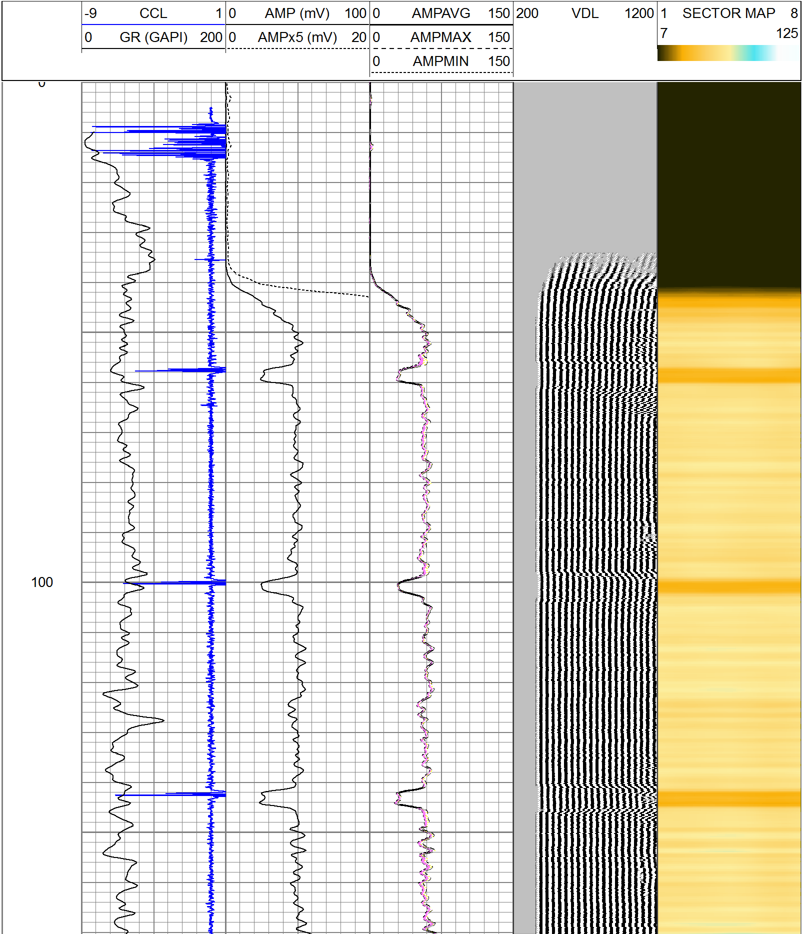
Schematic

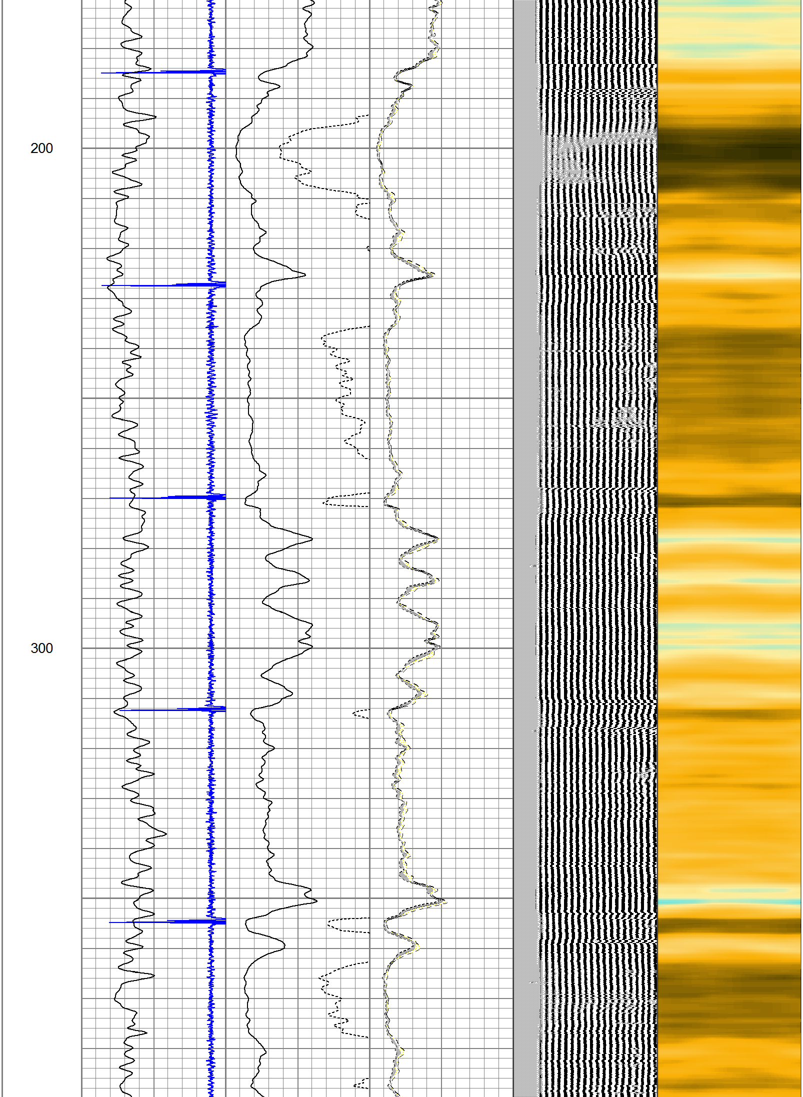


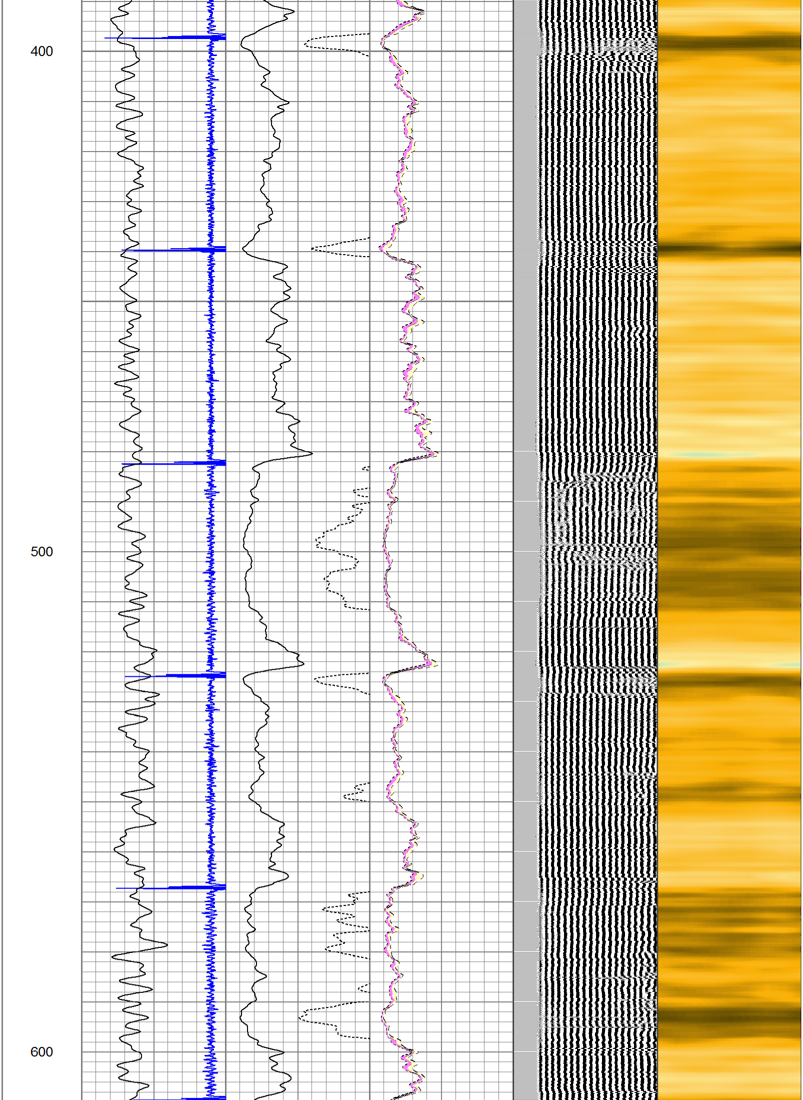
Description	Len (ft)	OD (in)	Wt (lb)
CENT #2 -A (1)	2.83	2.75	20.00
RBT-Probe (Base4.5Casing) Probe Radii Bond Tool with Digital Telemetry	8.92	2.75	90.00
CENT-A (1)	2.83	2.75	20.00
GR-probe 2.75 (111205) proble Digital CCL Gamma	4.33	2.75	100.00

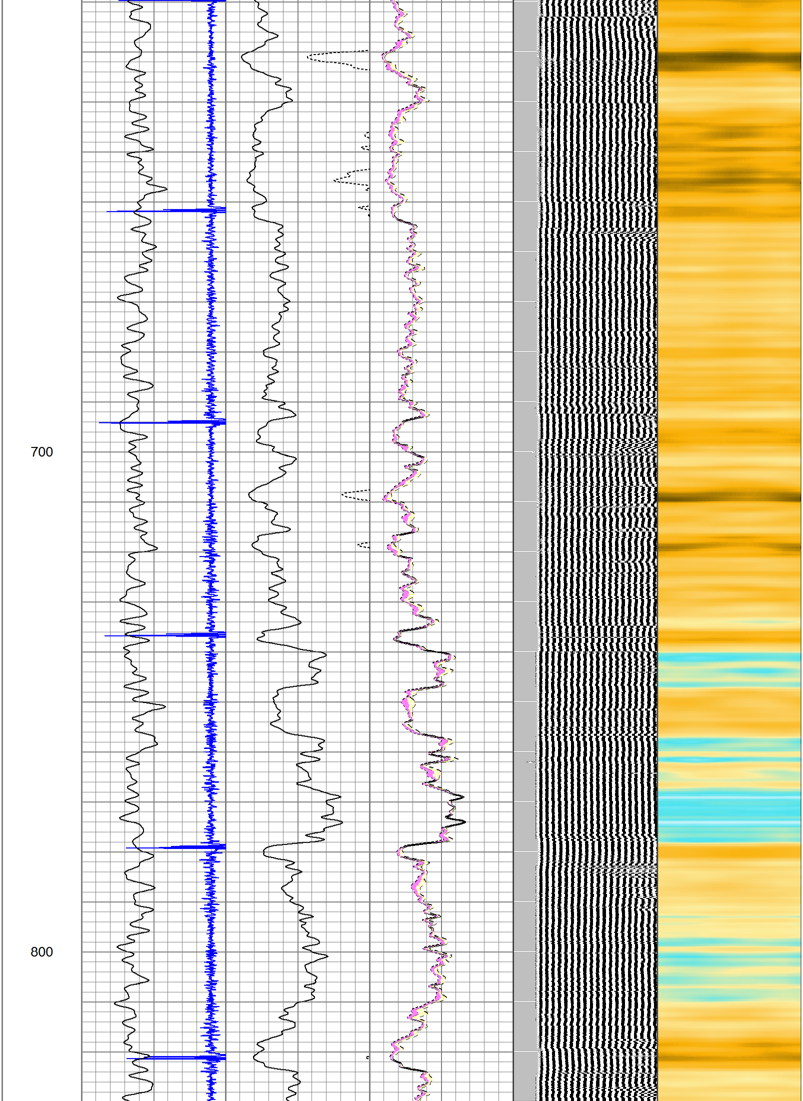
Dataset:	13467.db: field/well/run1/pass2
Total Length:	18.91 ft
Total Weight:	230.00 lb
O.D.	2.75 in

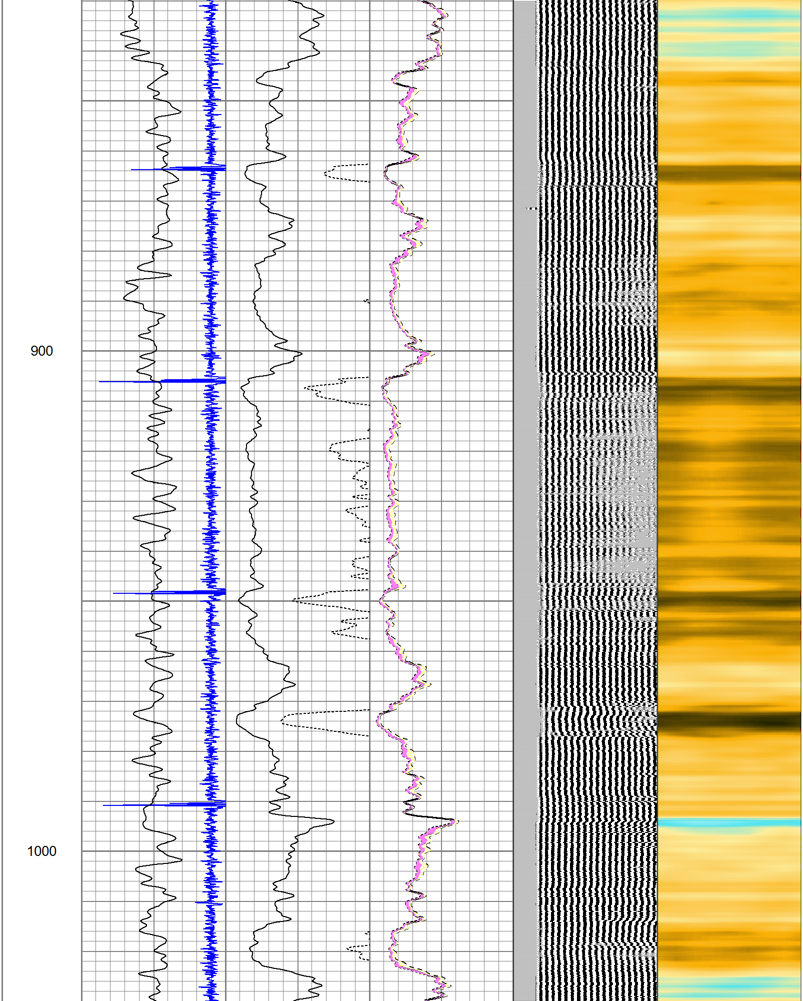
Database File: 13467.db
Dataset Pathname: pass2.1
Presentation Format: scbl02
Dataset Creation: Tue Feb 18 14:44:08 2014 by Calc 0
Charted by: Depth in Feet scaled 1:240

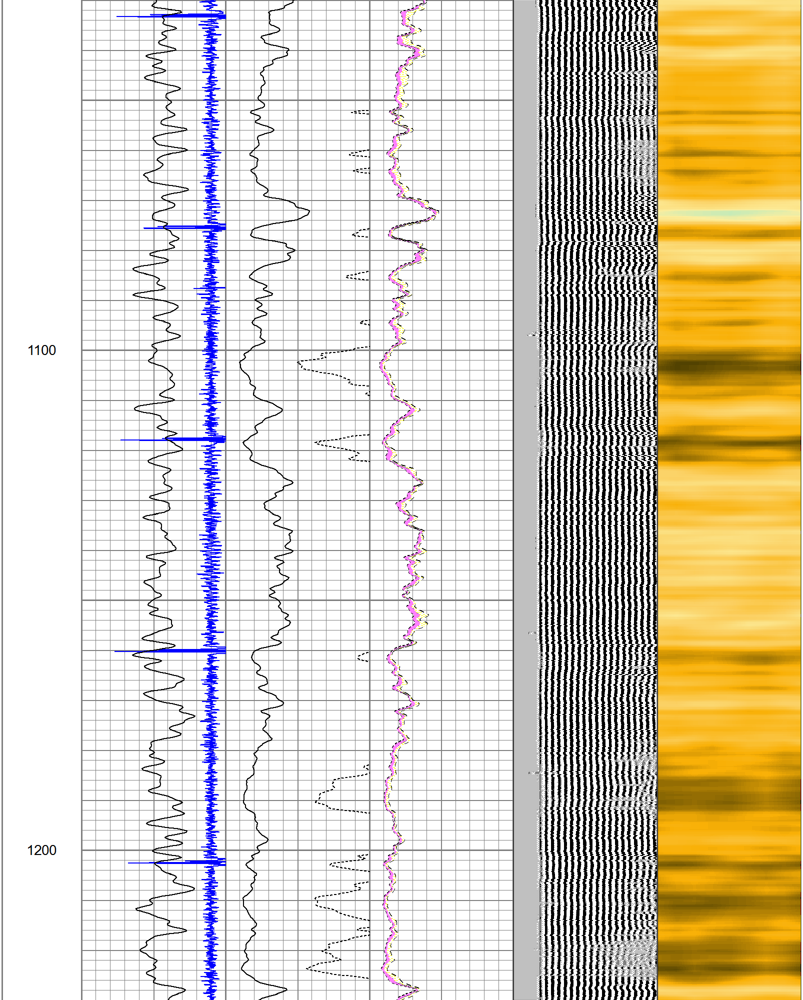


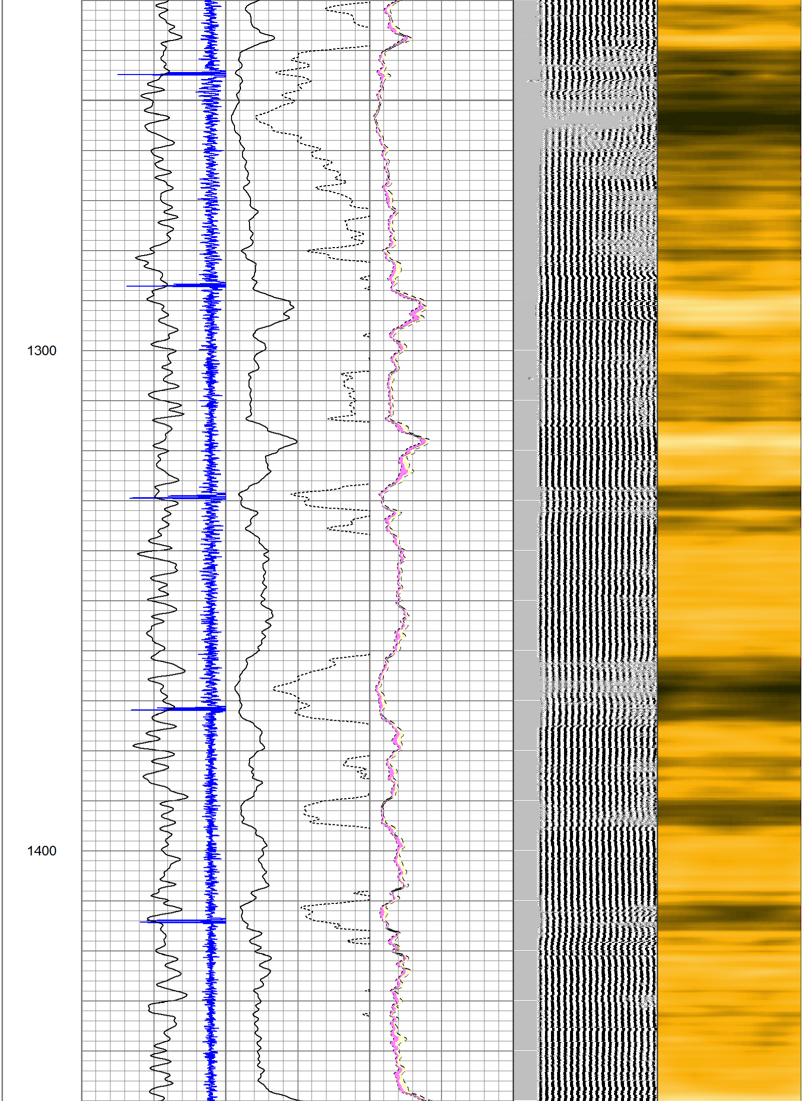


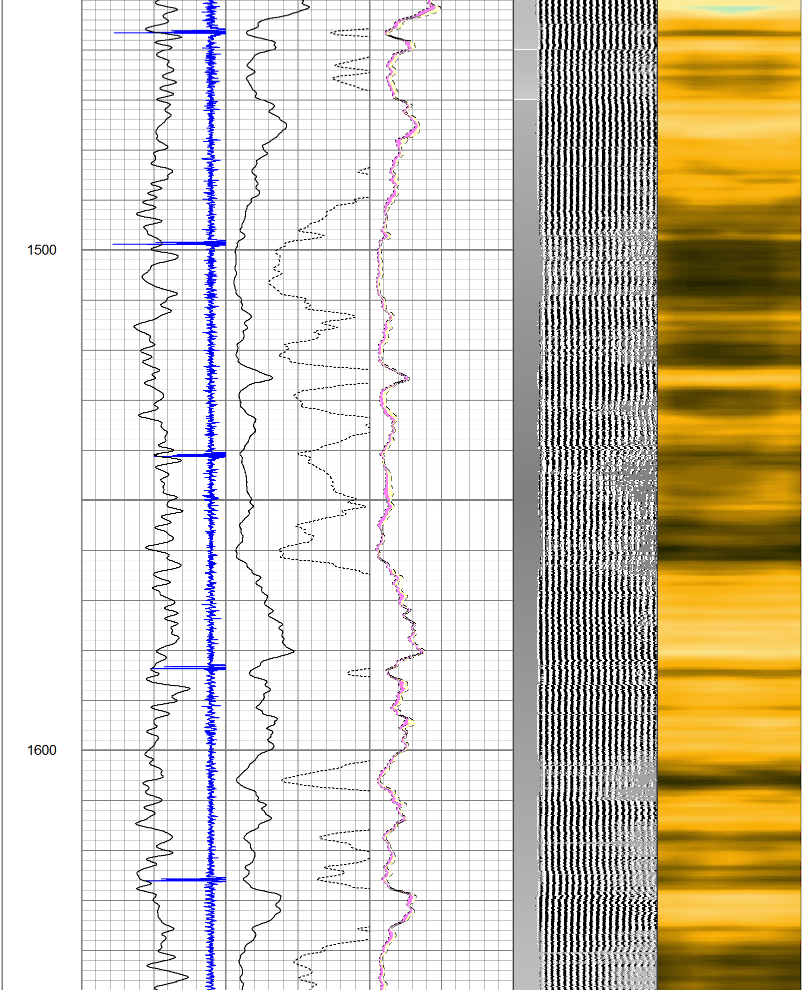


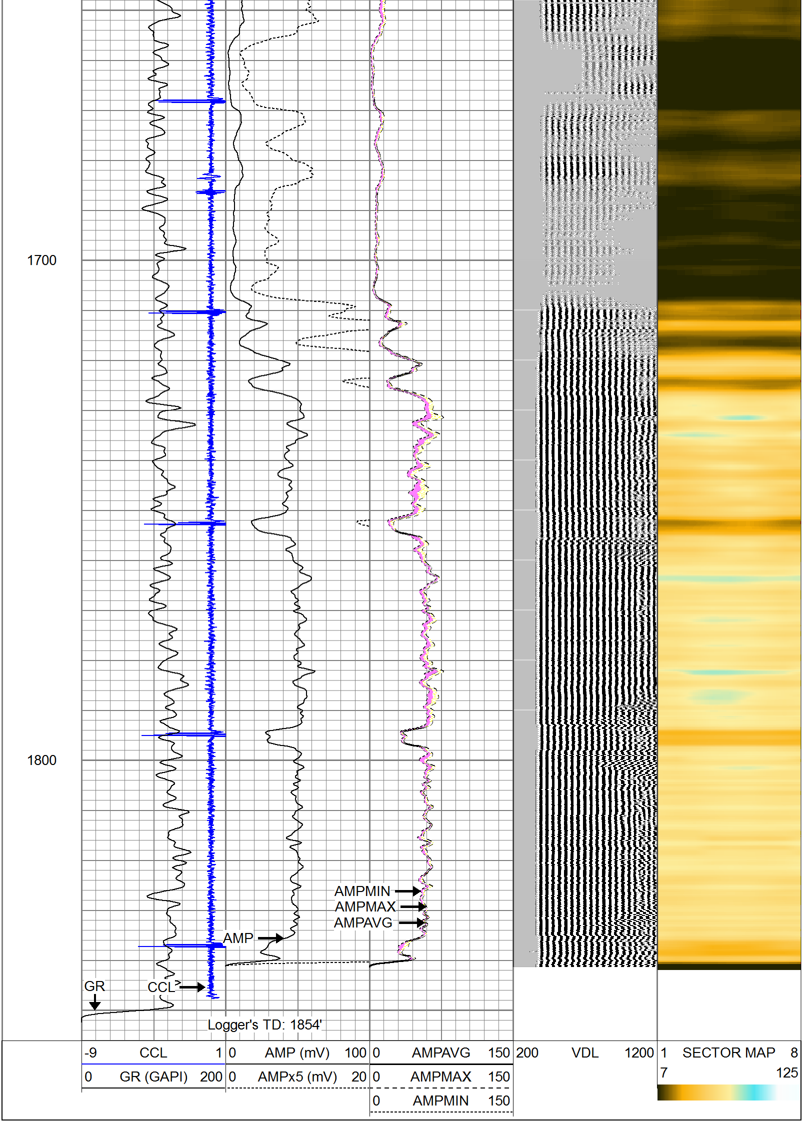












Calibration Report

Database File: 13467.db
Dataset Pathname: pass2.1
Dataset Creation: Tue Feb 18 14:44:08 2014 by Calc 0

Gamma Ray Calibration Report

Serial Number:	111205	
Tool Model:	probe 2.75	
Performed:	Tue Feb 18 12:18:39 2014	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.0000	GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number:	Base4.5Casing	
Tool Model:	Probe	
Calibration Casing Diameter:	4.500	in
Calibration Depth:	38.453	ft

Master Calibration, performed Tue Feb 18 13:44:27 2014:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.013	0.634	0.000	81.196	79.420	-0.915
CAL	0.013	1.007				
5'	0.013	0.572	0.000	81.196	89.883	-0.996
SUM						
S1	0.013	0.626	0.000	100.000	91.559	-0.791
S2	0.013	0.612	0.000	100.000	93.187	-0.705
S3	0.013	0.599	0.000	100.000	96.968	-0.697
S4	0.013	0.614	0.000	100.000	97.765	-0.771
S5	0.013	0.634	0.000	100.000	97.335	-0.805
S6	0.013	0.628	0.000	100.000	97.388	-0.767
S7	0.013	0.645	0.000	100.000	95.204	-0.843
S8	0.013	0.622	0.000	100.000	93.909	-0.733

Internal Reference Calibration, performed Tue Nov 21 12:42:07 2006:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.013	1.007	1.000	0.000

Air Zero Calibration, performed Thu Apr 24 09:23:40 2008:

	Raw (v)	Calibrated (v)	Results
	Zero	Zero	Offset
3'	0.000	0.000	0.000
5'	0.000	0.000	0.000
SUM			
S1	0.000	0.000	0.000
S2	0.000	0.000	0.000
S3	0.000	0.000	0.000
S4	0.000	0.000	0.000
S5	0.000	0.000	0.000
S6	0.000	0.000	0.000
S7	0.000	0.000	0.000
S8	0.000	0.000	0.000