PIONEER

Pioneer Energy Services

SECTOR BOND LOG
GAMMA RAY
CCL VDL

Company EnCana Oil & Gas (USA) Inc.
Well VOGL-MCCOY 2G-5H-F267
Field Wattenberg
County Weld
State Colorado Country USA

Company	EnCana Oil & Gas (USA) Inc.
Well	VOGL-MCCOY 2G-5H-F267
Field	Wattenberg
County	Weld
State	Colorado Country USA

Location: API # : 05123377820000

SHL: 2597' FNL & 2383' FWL
SENW

SEC 5 TWP 2N RGE 67W

Other Services
None

Permanent Datum	GL	Elevation	4859
Log Measured From	KB		
Drilling Measured From	KB		

Elevation
K.B. 4884
D.F. 4883
G.L. 4859

Date	March 28, 2014		
Run Number	1		
Depth Driller	14805		
Depth Logger	7314		
Bottom Logged Interval	7313		
Top Log Interval	Surface		
Open Hole Size	8-3/4"		
Type Fluid	WBM		
Density / Viscosity	11.4 / 46		
Max. Recorded Temp.	NA		
Estimated Cement Top	100		
Time Well Ready	2045		
Time Logger on Bottom	2200		
Equipment Number	49		
Location	Ft. Morgan		
Recorded By	Clint Christensen		
Witnessed By	Jim Quesenbury		

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

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String				
Prot. String	7"	26#	Surf	7416
Production String				
Liner				

<<< Fold Here >>>

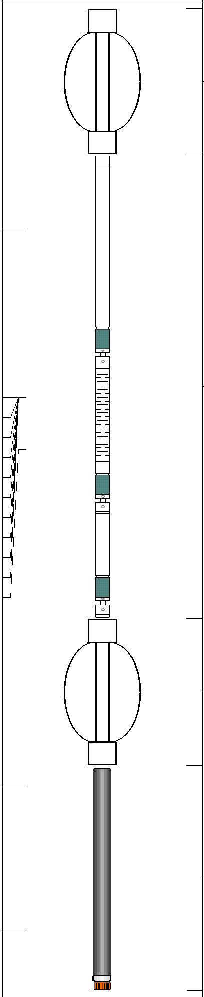
All interpretations are opinions based on inferences from electrical or other measurements and Pioneer Wireline Services, LLC cannot and does not guarantee the accuracy or correctness of any interpretation, and Pioneer Wireline Services, LLC will not be liable or responsible for any loss, costs, damages,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

Comments

Log correlated to 7" casing tally

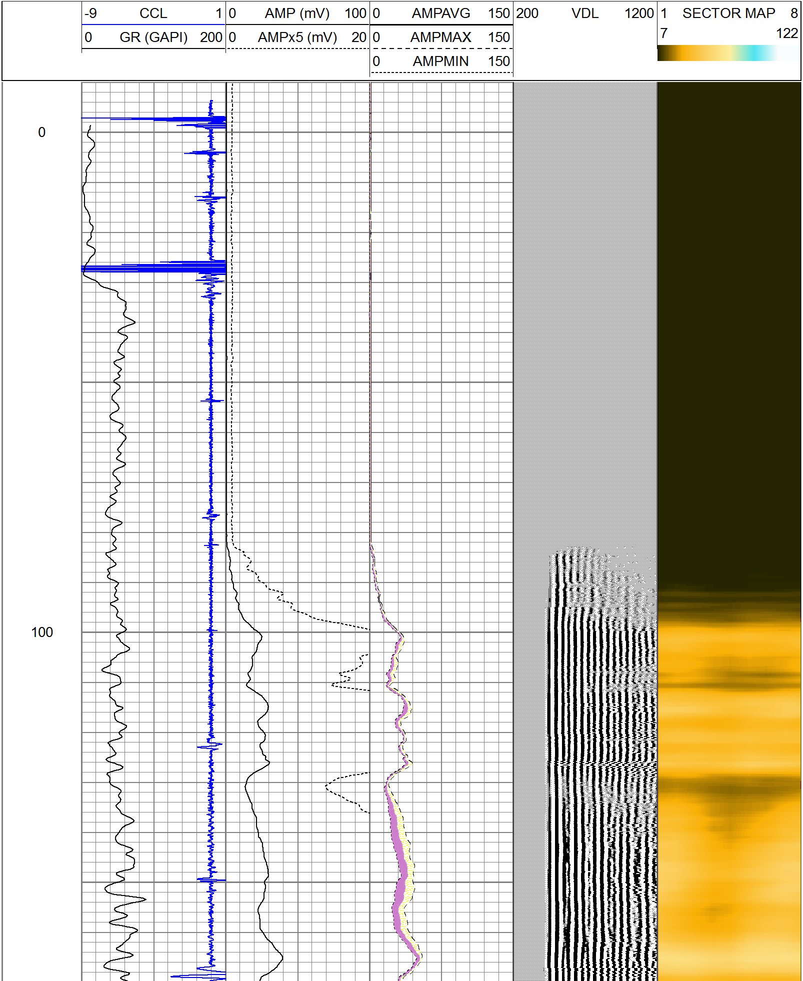
HP Drilling Rig 278

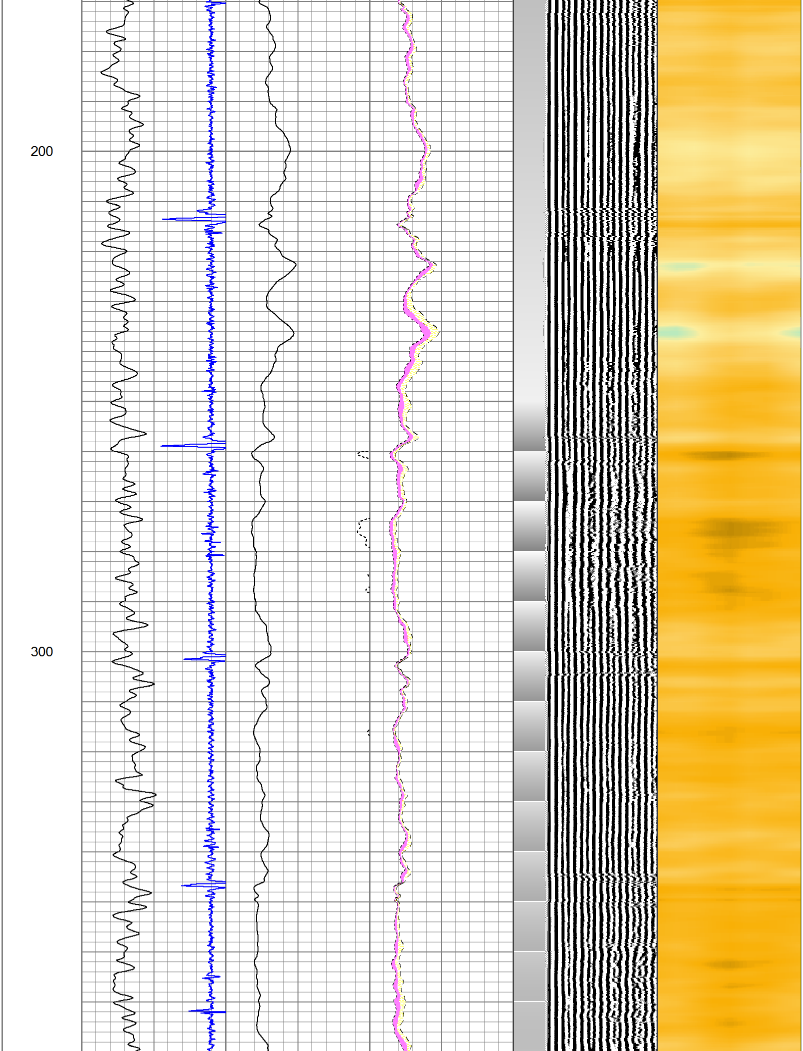
Thank You for using Pioneer Energy!
SO# 2-013498

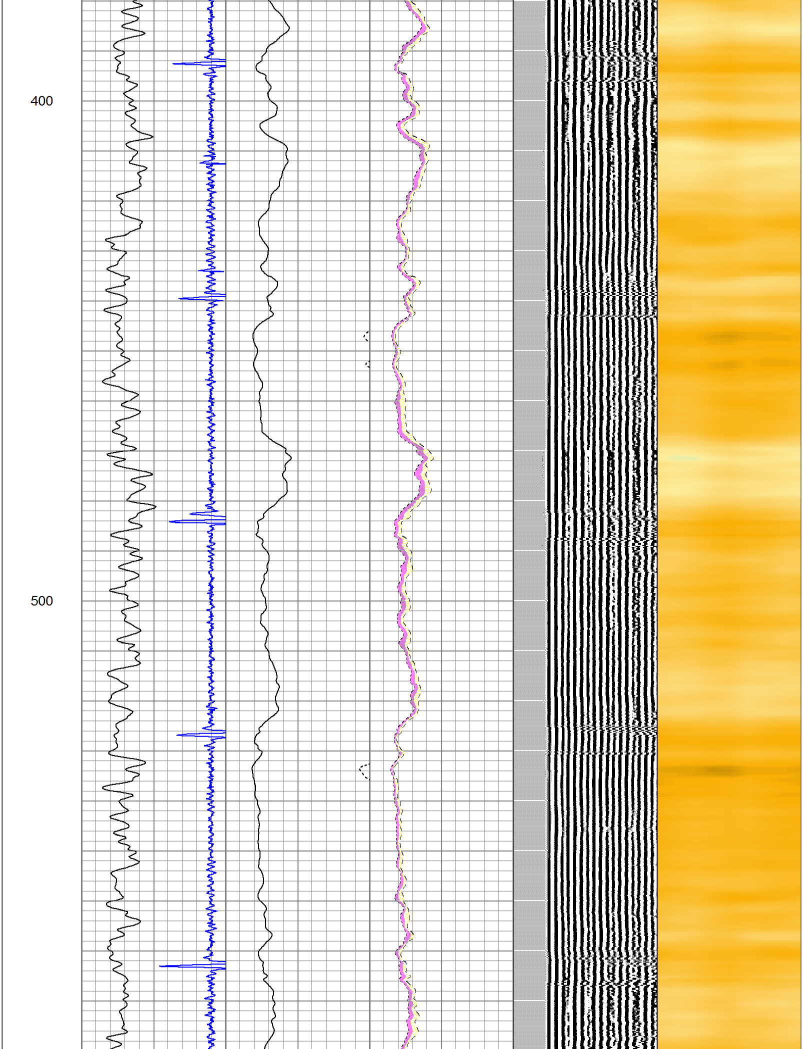
Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CENT #2 -A (1)	2.83	2.75	20.00
IntTemp	14.66					
			RBT-Probe (Base) Probe Radii Bond Tool with Digital Telemetry	8.92	2.75	90.00
WVF3FT	11.41					
WVFCAL	11.41					
WVFS1	11.41					
WVFS2	11.41					
WVFS3	11.41					
WVFS4	11.41					
WVFS5	11.41					
WVFS6	11.41					
WVFS7	11.41					
WVFS8	11.41					
WVF5FT	10.41					
			CENT-A (1)	2.83	2.75	20.00
CCL	3.92					
			GR-probe 2.75 (111205) proble Digital CCL Gamma	4.33	2.75	100.00
GR	1.13					

Dataset: 13498.db: field/well/run1/Final
Total Length: 18.91 ft
Total Weight: 230.00 lb
O.D. 2.75 in

Database File:	13498.db
Dataset Pathname:	Final
Presentation Format:	scbl02
Dataset Creation:	Fri Mar 28 23:58:20 2014
Charted by:	Depth in Feet scaled 1:240

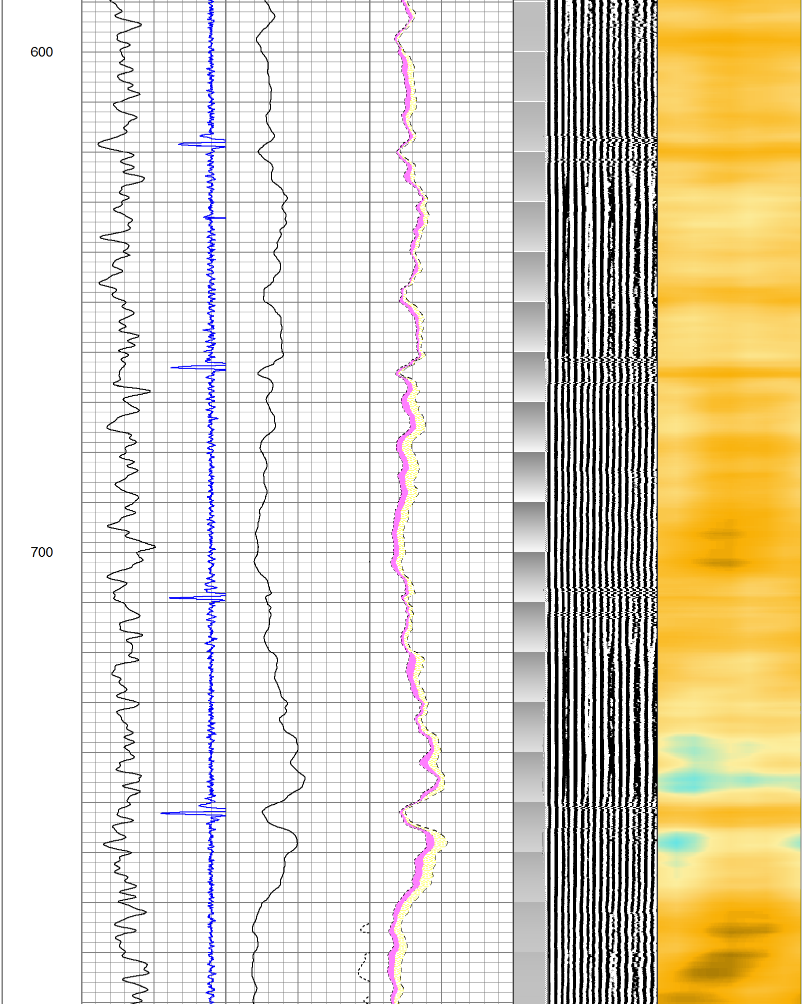


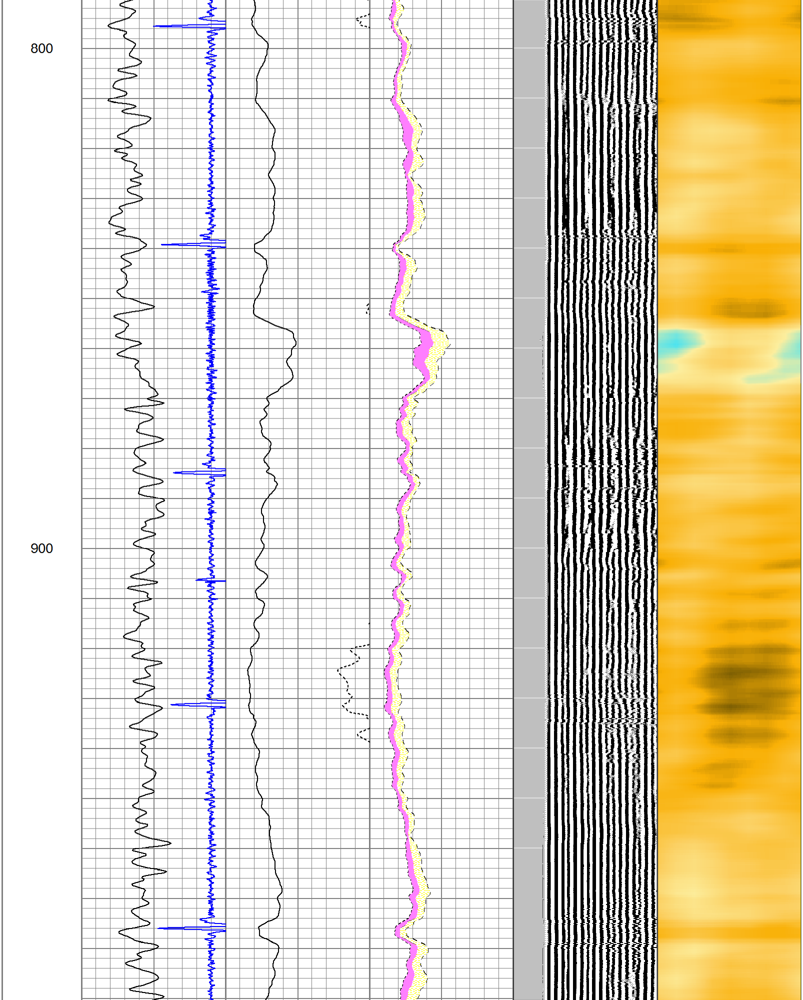


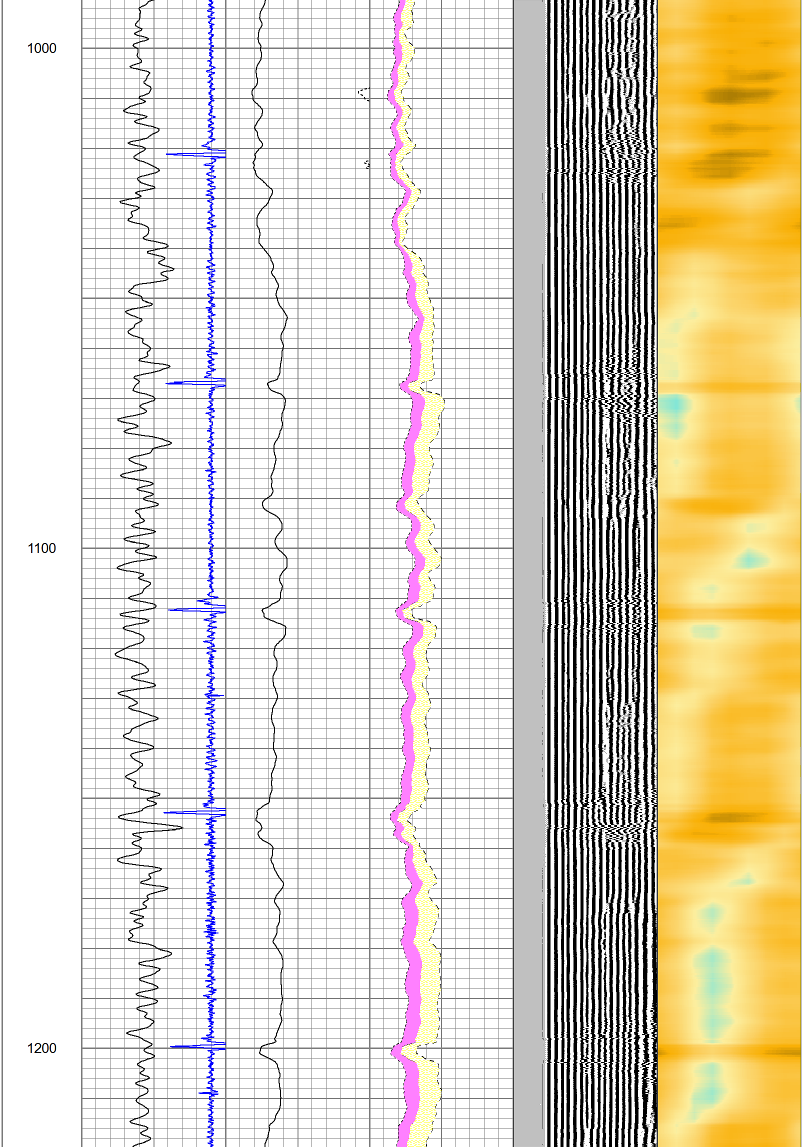


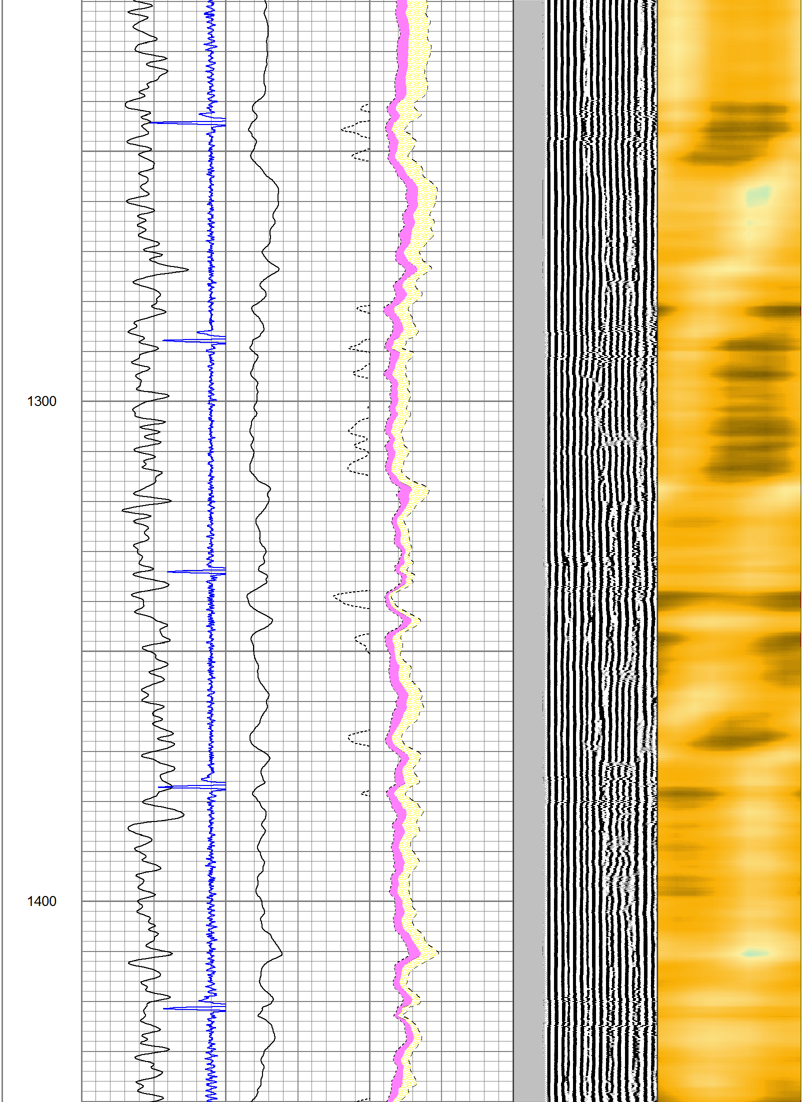
600

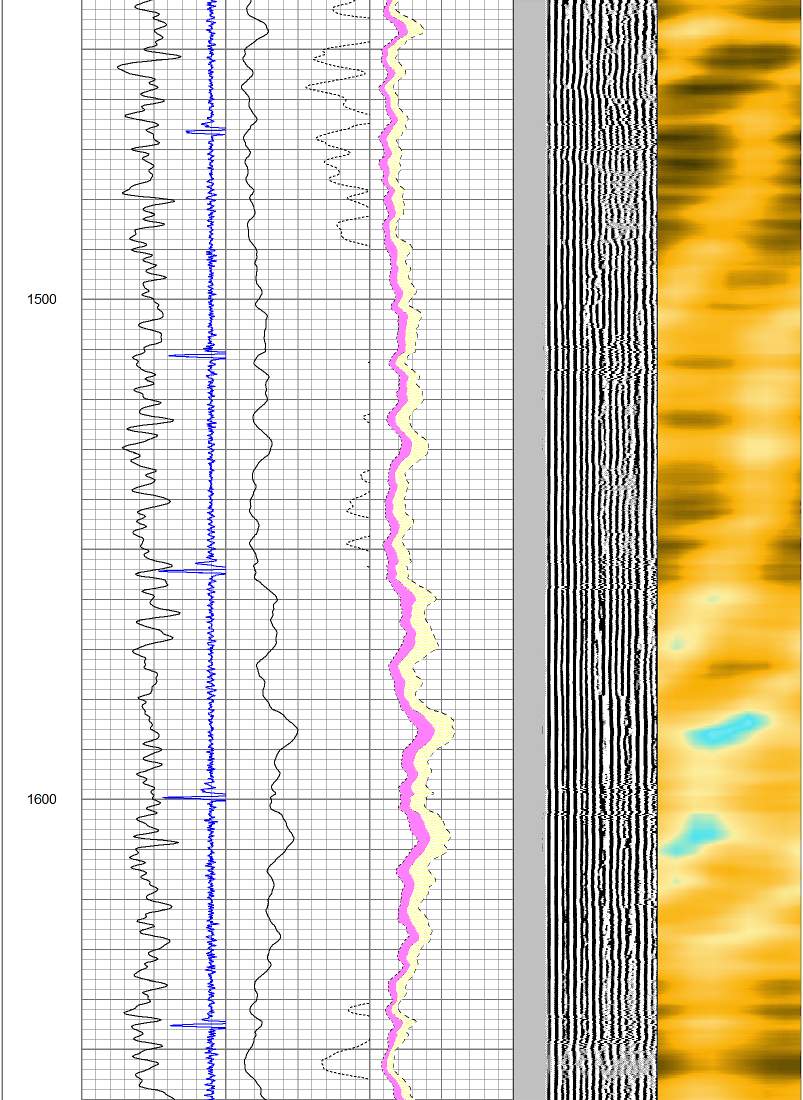
700

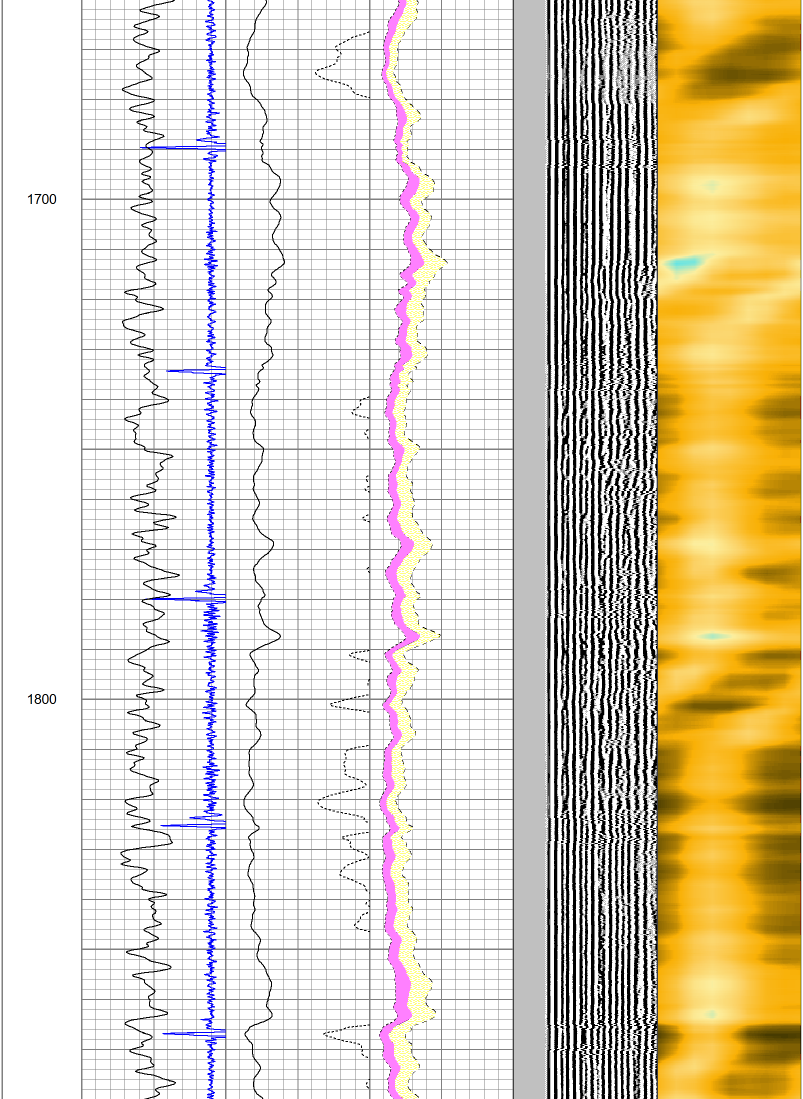


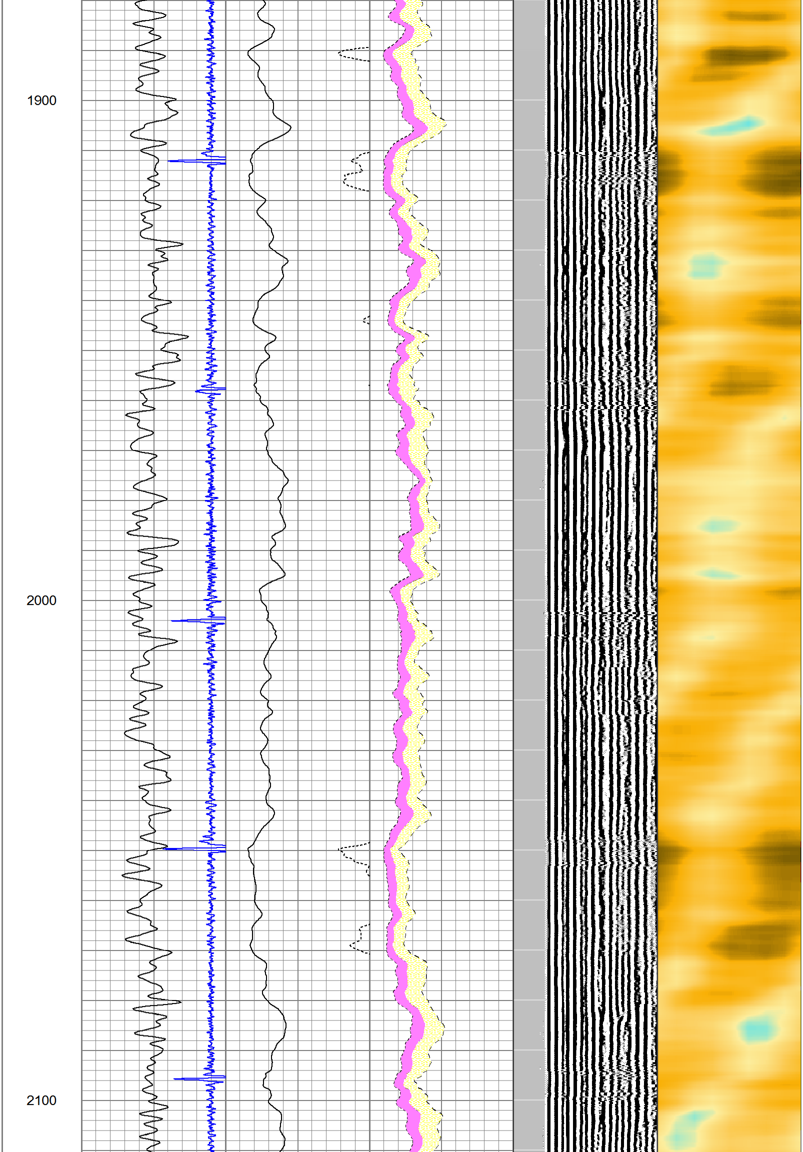


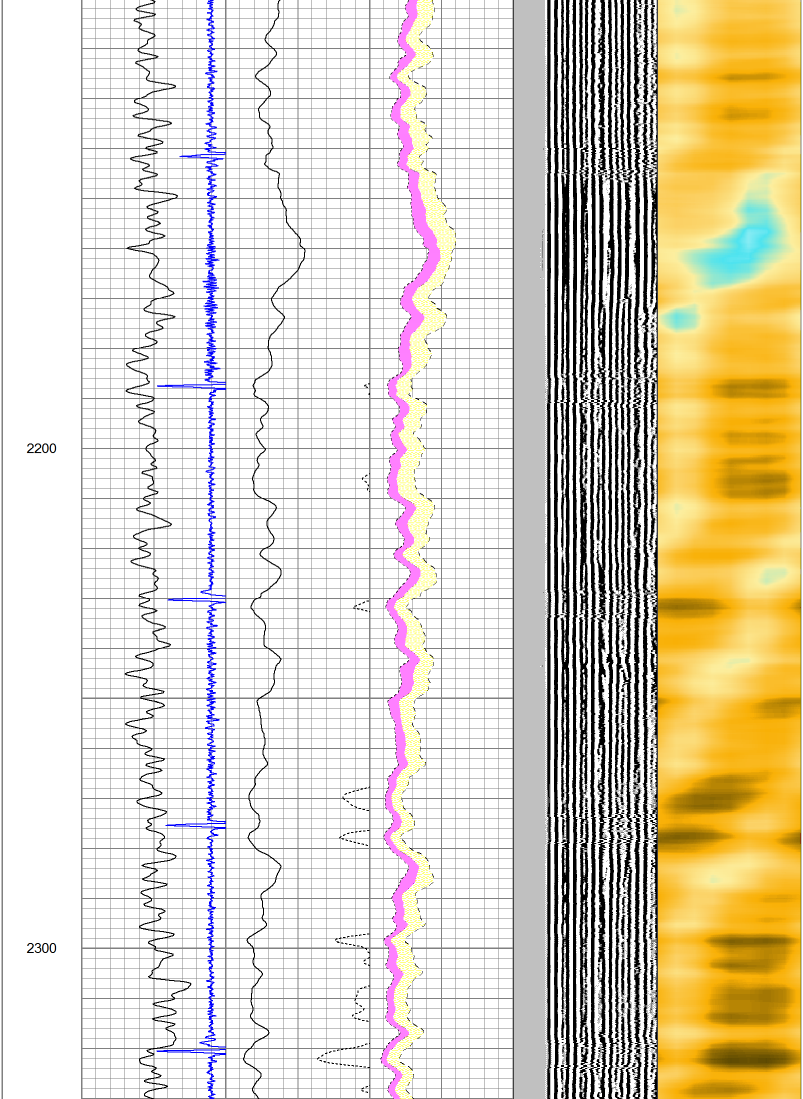


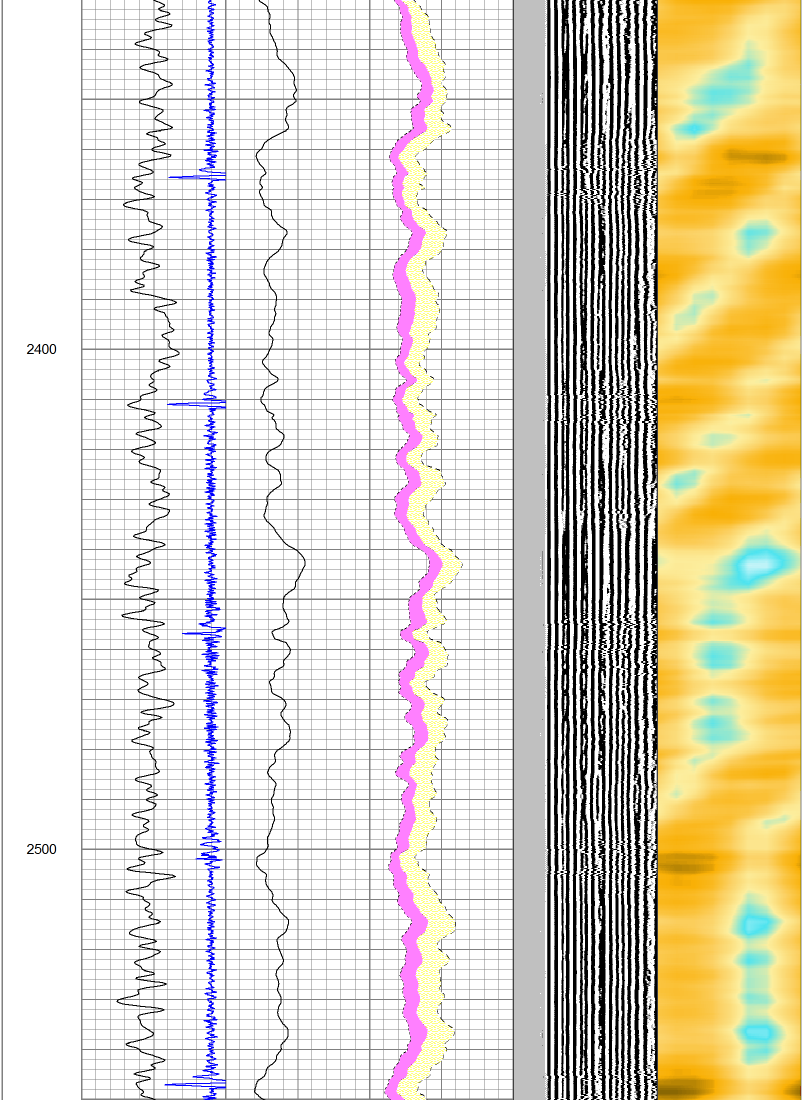


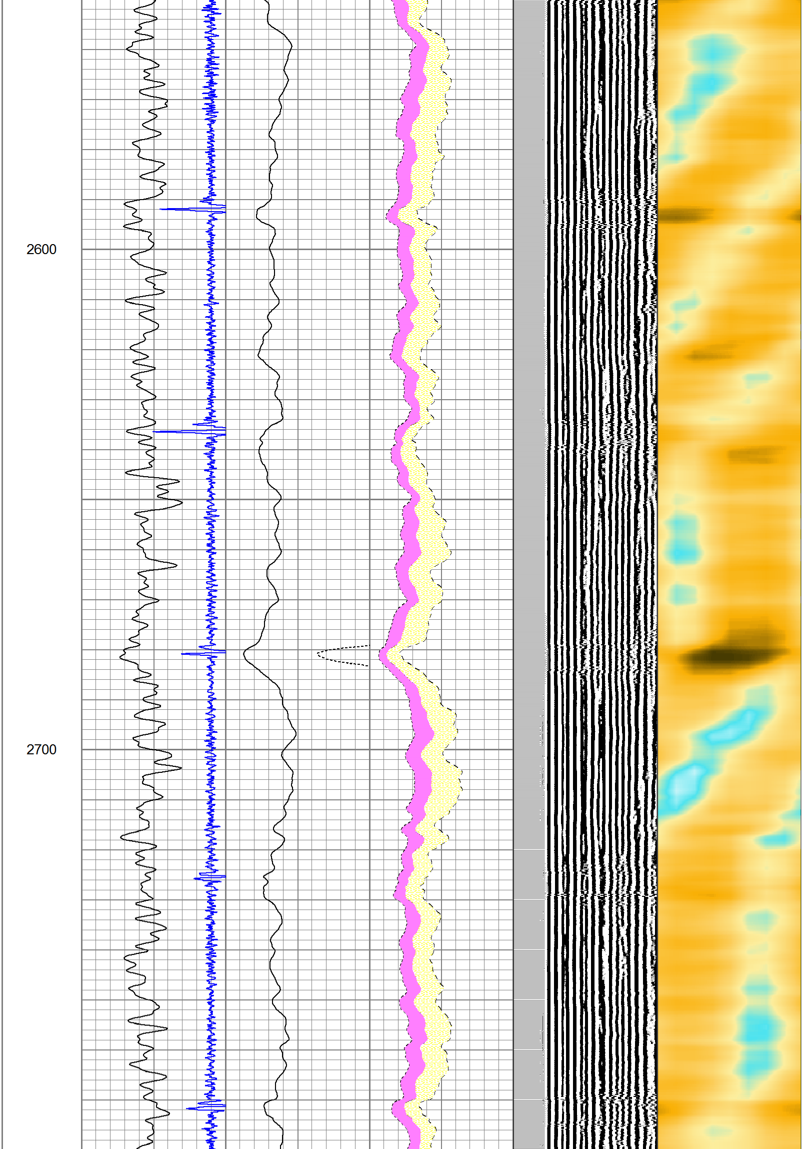


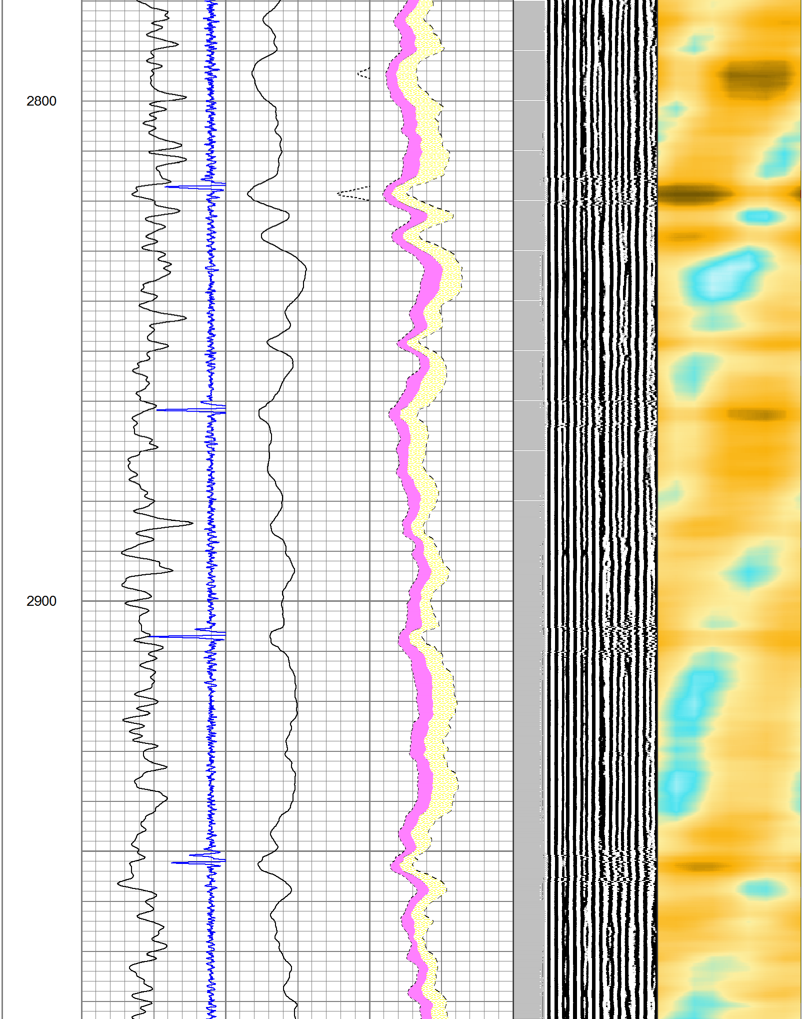


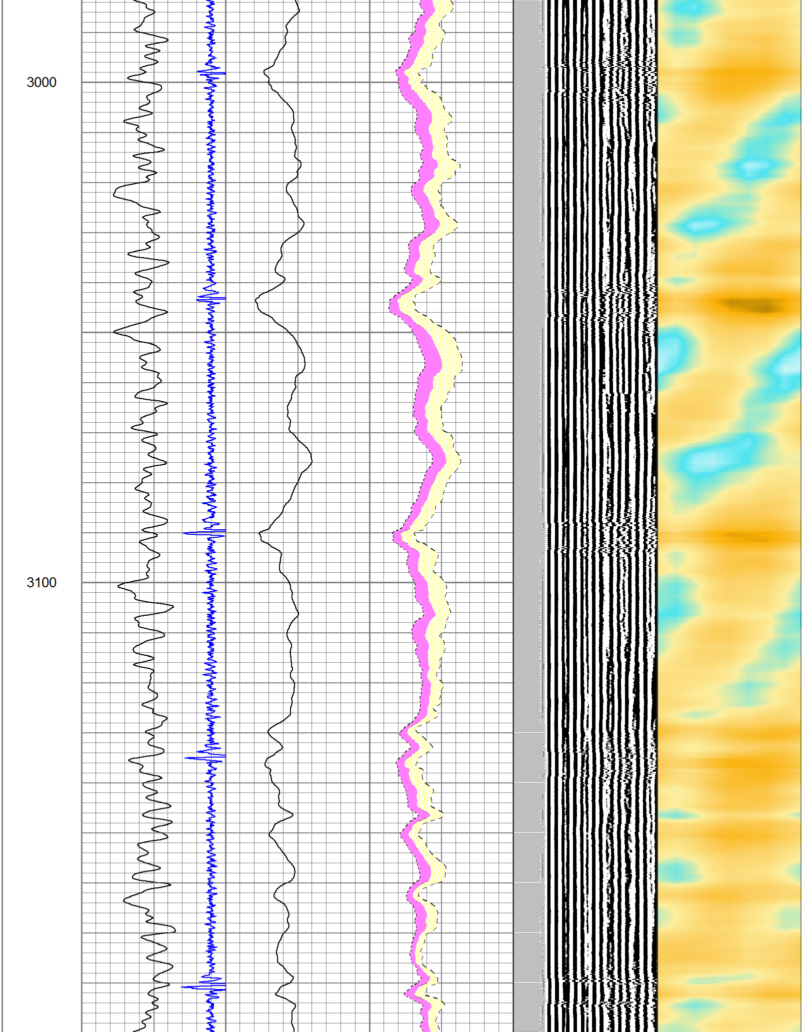


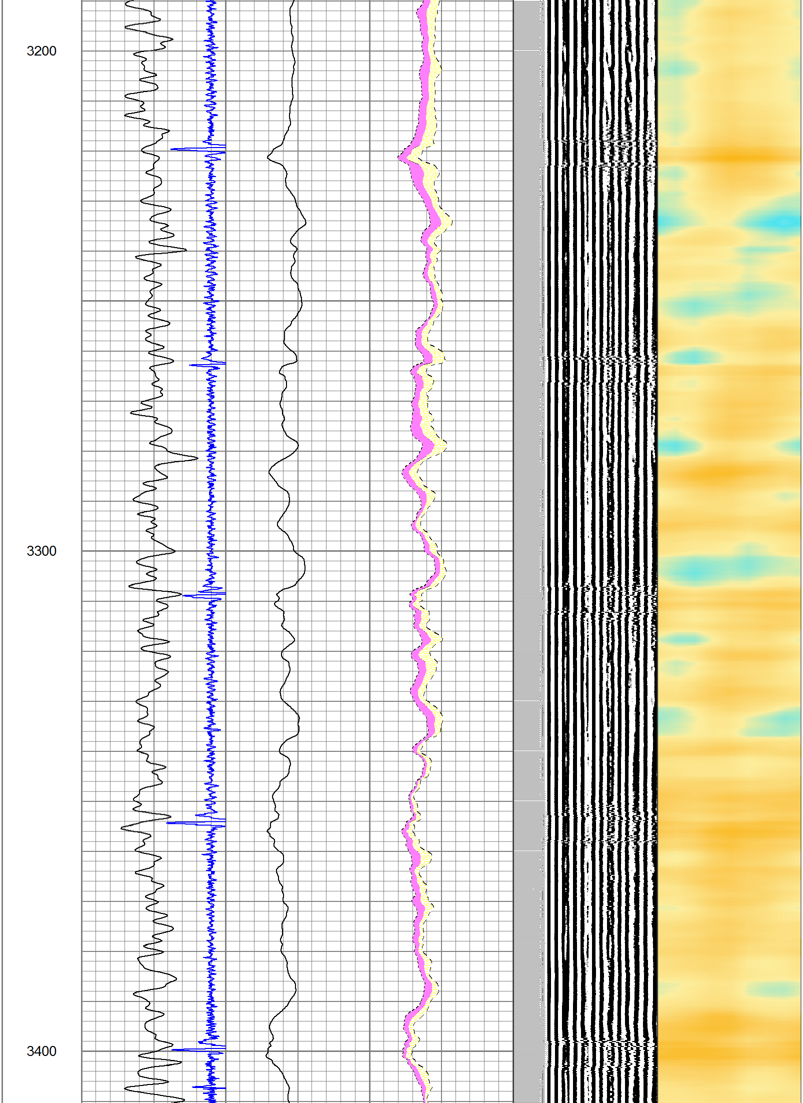


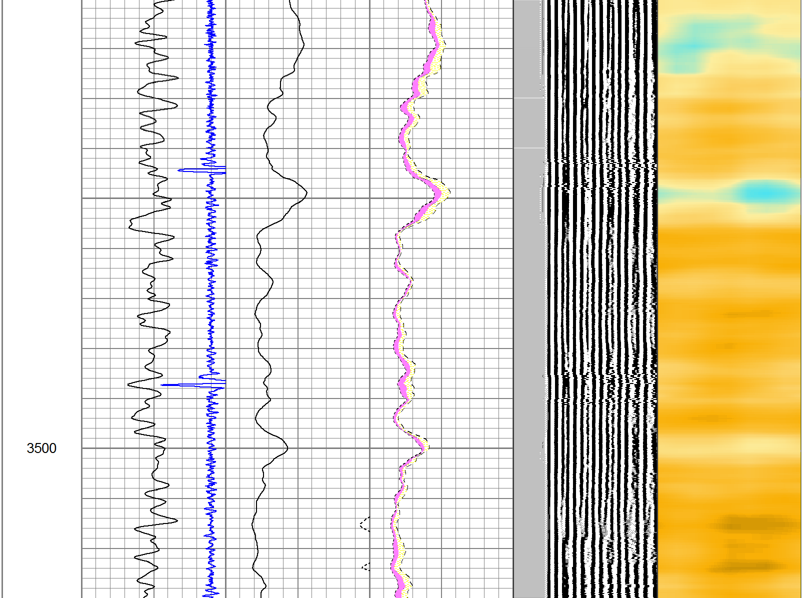












Calibration Report

Database File: 13498.db
Dataset Pathname: Final
Dataset Creation: Fri Mar 28 23:58:20 2014

Gamma Ray Calibration Report

Serial Number:	111205	
Tool Model:	probe 2.75	
Performed:	Tue Mar 18 11:33:42 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:	Base	
Tool Model:	Probe	
Calibration Casing Diameter:	4.500	in
Calibration Depth:	208.015	ft

Master Calibration, performed Tue Mar 18 11:25:23 2014:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.012	0.924	0.000	62.200	65.456	-0.205
CAL	0.012	1.008				
5'	0.012	0.970	0.000	62.200	64.860	0.104
SUM						
S1	0.012	1.028	0.000	100.000	103.052	0.023
S2	0.012	0.941	0.000	100.000	100.753	0.015
S3	0.012	0.845	0.000	100.000	101.153	0.072
S4	0.012	0.807	0.000	100.000	99.895	0.101
S5	0.012	0.822	0.000	100.000	100.085	-0.014
S6	0.012	0.879	0.000	100.000	100.125	0.024
S7	0.012	0.989	0.000	100.000	102.043	0.011
S8	0.012	1.030	0.000	100.000	100.023	0.018

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	0.000	0.998	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