NABORS
COMPLETION & PRODUCTION SERVICES CO.

SECTOR LOG

Company NOBLE ENERGY INC.
Well MONFORT GILCREST K 08-09
Field WATTENBERG
County WELD
State COLORADO

Company	NOBLE ENERGY INC.
Well	MONFORT GILCREST K 08-09
Field	WATTENBERG
County	WELD
State	COLORADO

Location: API #: 0512318038

NE/SE

SEC 8 TWP 4N RGE 66W

Other Services

Permanent Datum	GL	Elevation	4699
Log Measured From	KB		
Drilling Measured From	KB		

Elevation
K.B. 4709
D.F.
G.L. 4699

Date	SEPTEMBER 26, 2014		
Run Number	ONE		
Depth Driller	7390		
Depth Logger	2120		
Bottom Logged Interval	2120		
Top Log Interval	SURFACE		
Open Hole Size	7-7/8		
Type Fluid	WATER		
Density / Viscosity	N/A		
Max. Recorded Temp.	N/A		
Estimated Cement Top	65		
Time Well Ready	ENSIGN RIG		
Time Logger on Bottom	2-3/4 PROBE RADII		
Equipment Number	4838		
Location	45		
Recorded By	GREG NOLAN		
Witnessed By	PETE BURNS		

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	24#	SURFACE	520
Prot. String				
Production String	4-1/2	11.6#	10	7382
Liner				

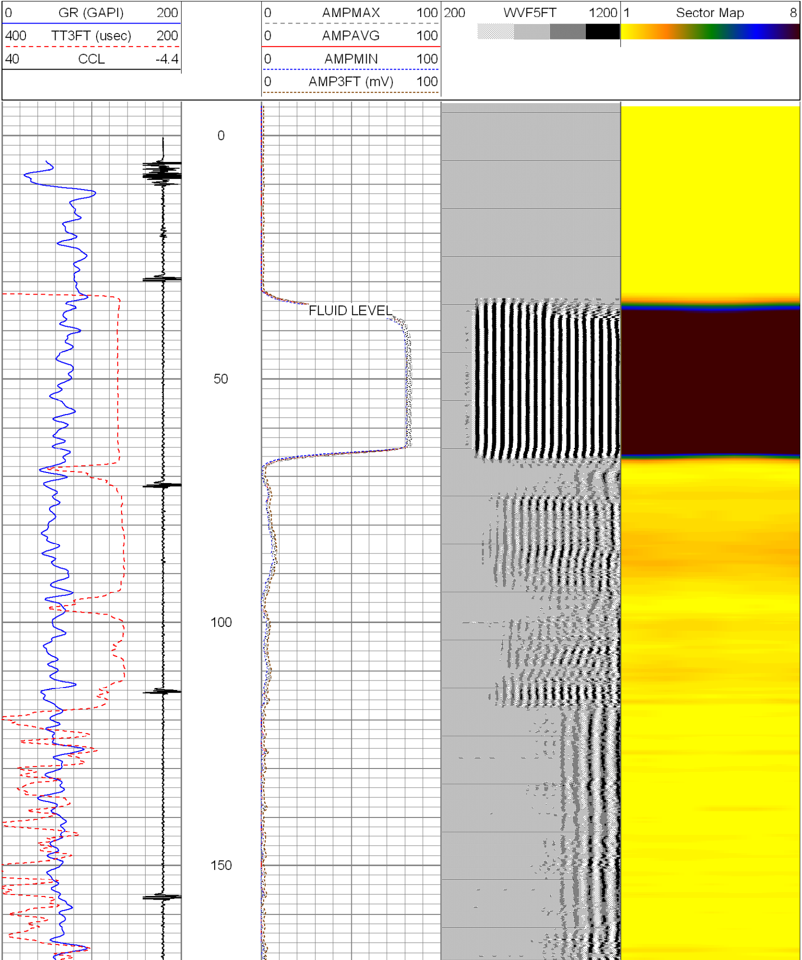
<<< Fold Here >>>

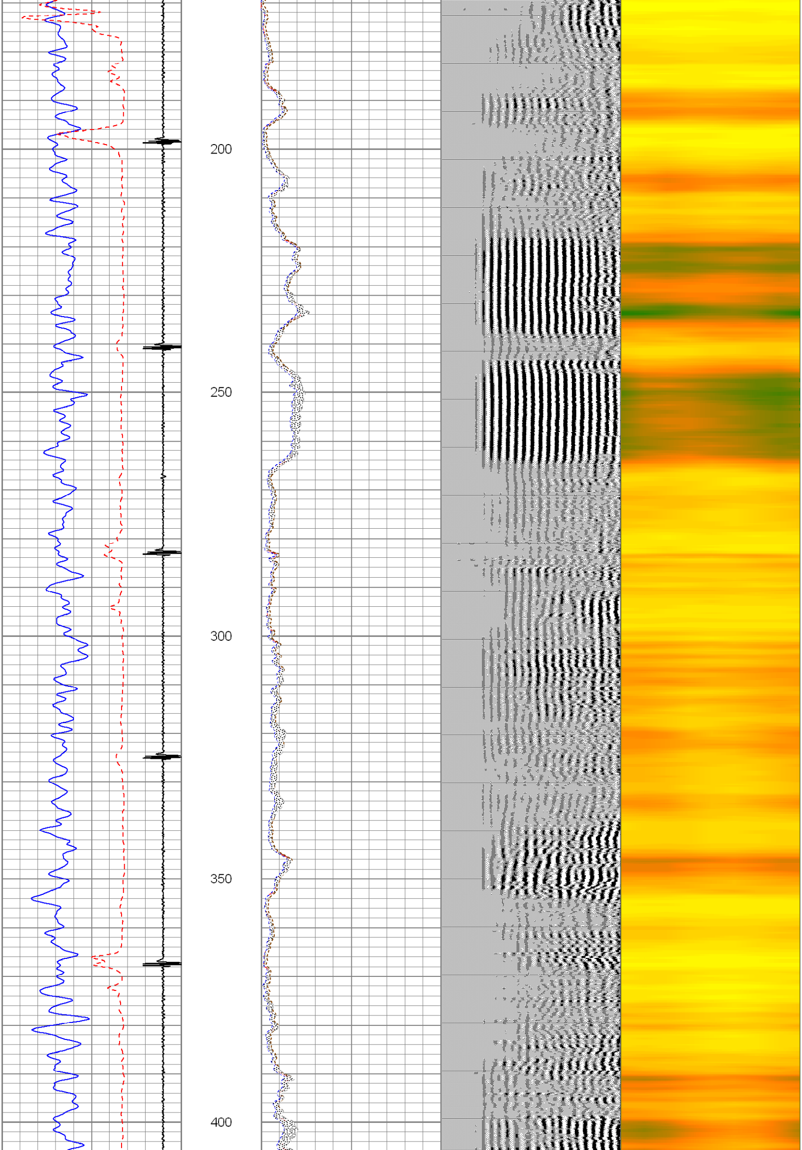
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

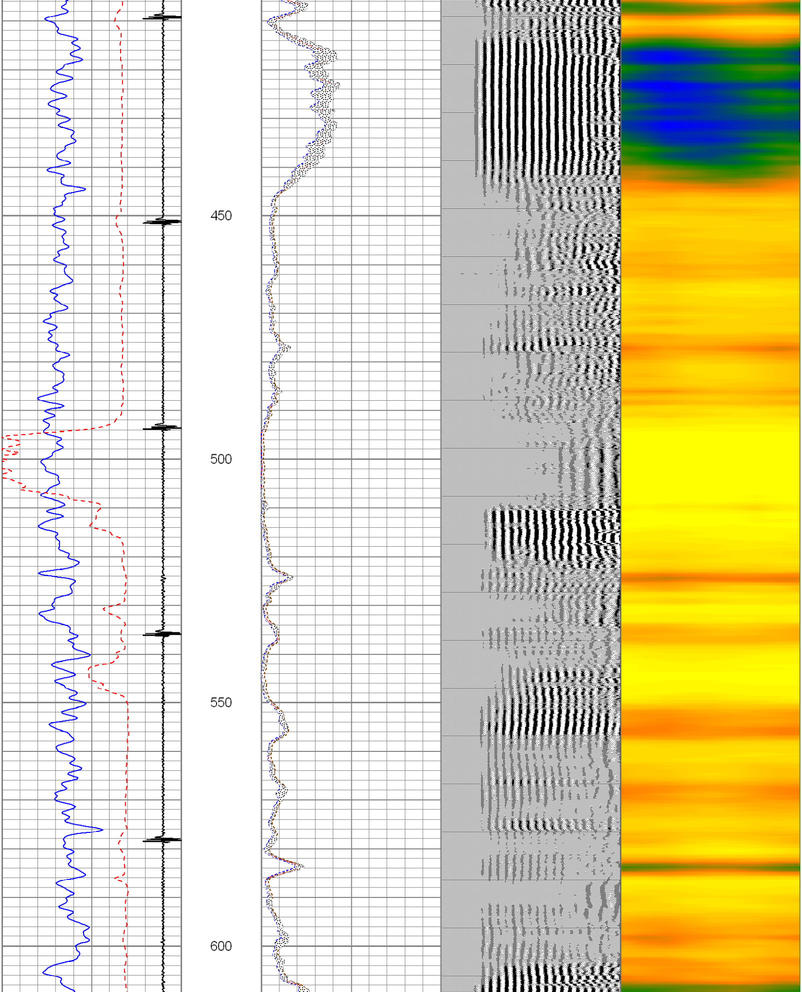
Comments

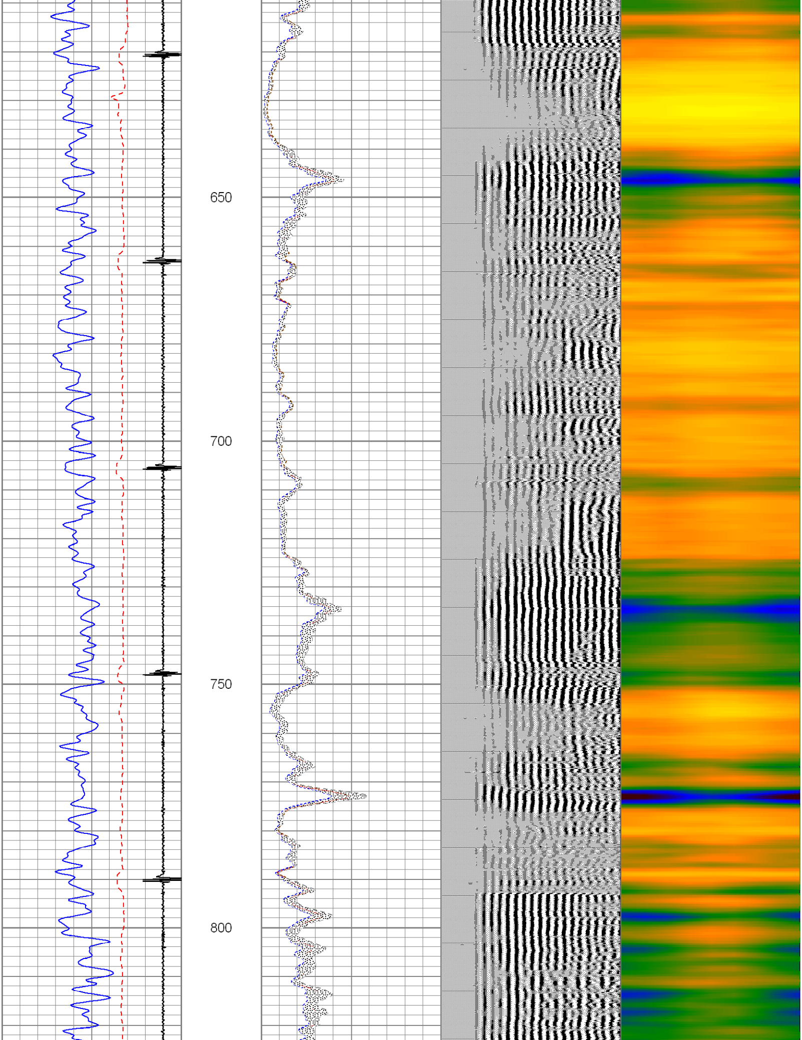
THANK YOU FOR CHOOSING NCPS!!!!
LOG NOT CORRELATED
WCR 46 & WCR 29, N.5, W.1, N INTO

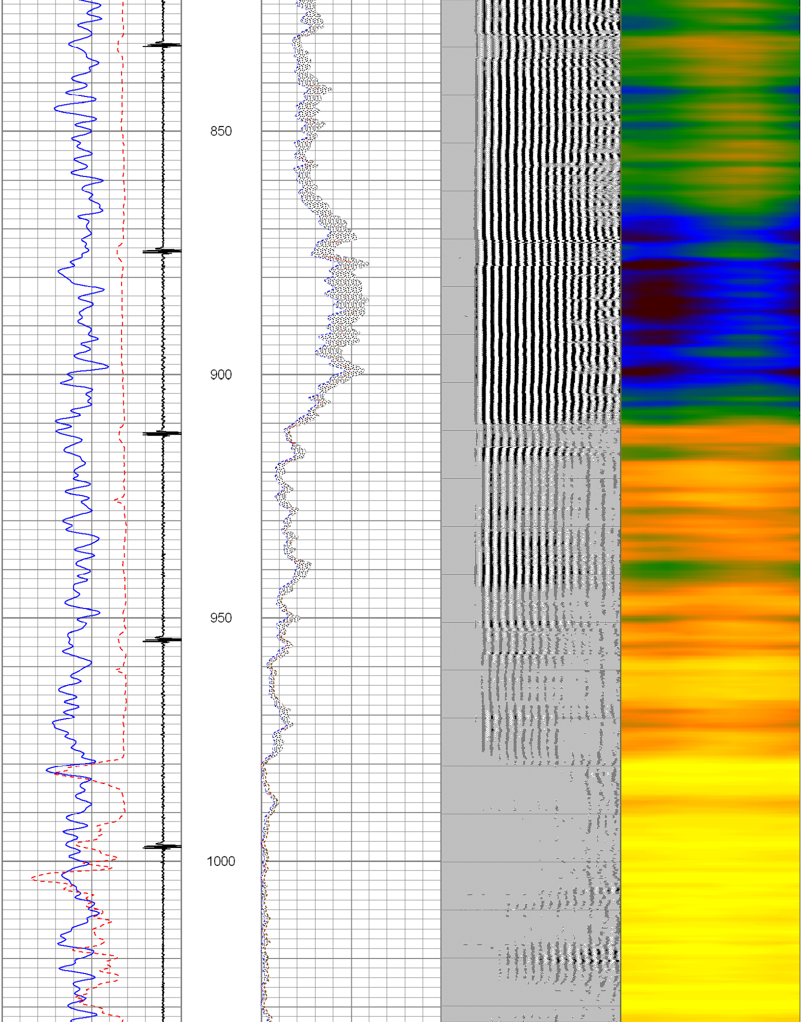
Database File: cbl noble monfort gilcrest k8-9.db
Dataset Pathname: pass2
Presentation Format: sector2
Dataset Creation: Fri Sep 26 07:57:47 2014 by Log SCH 120430
Charted by: Depth in Feet scaled 1:240

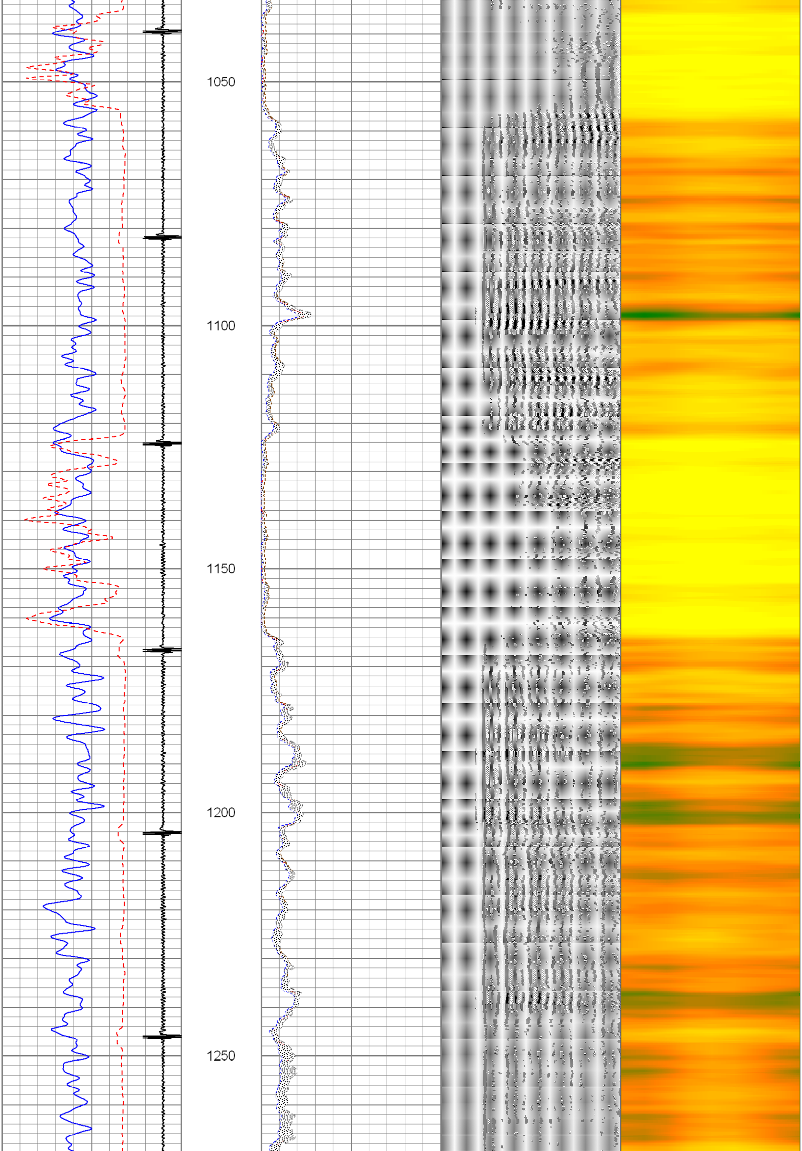


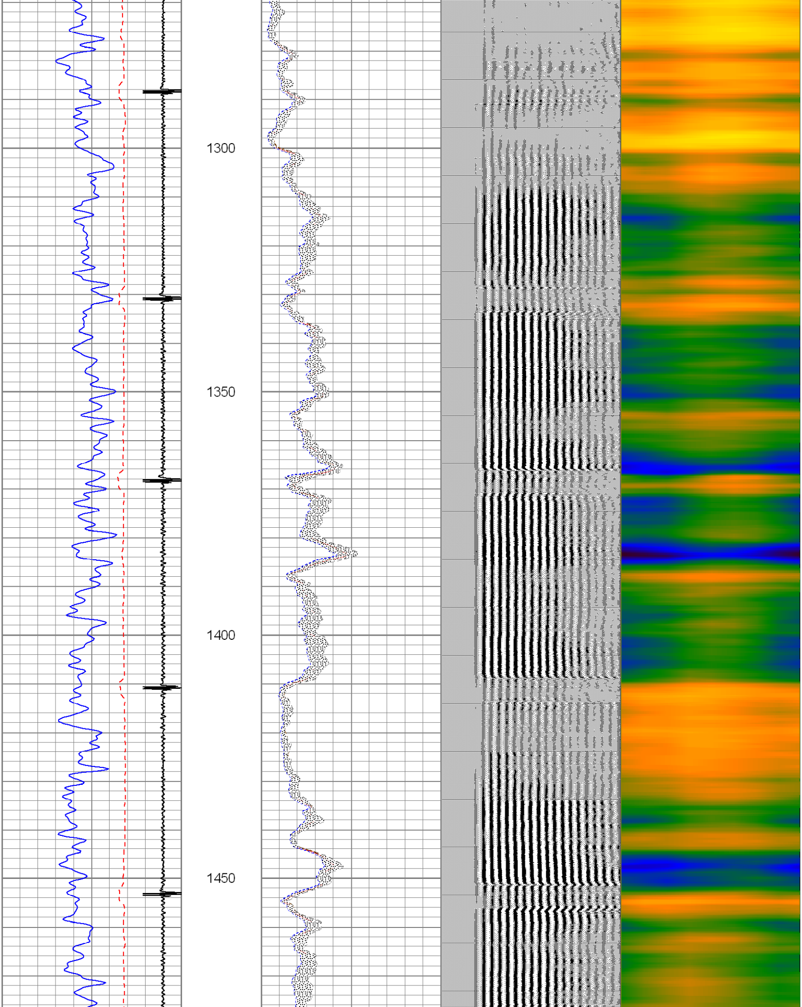


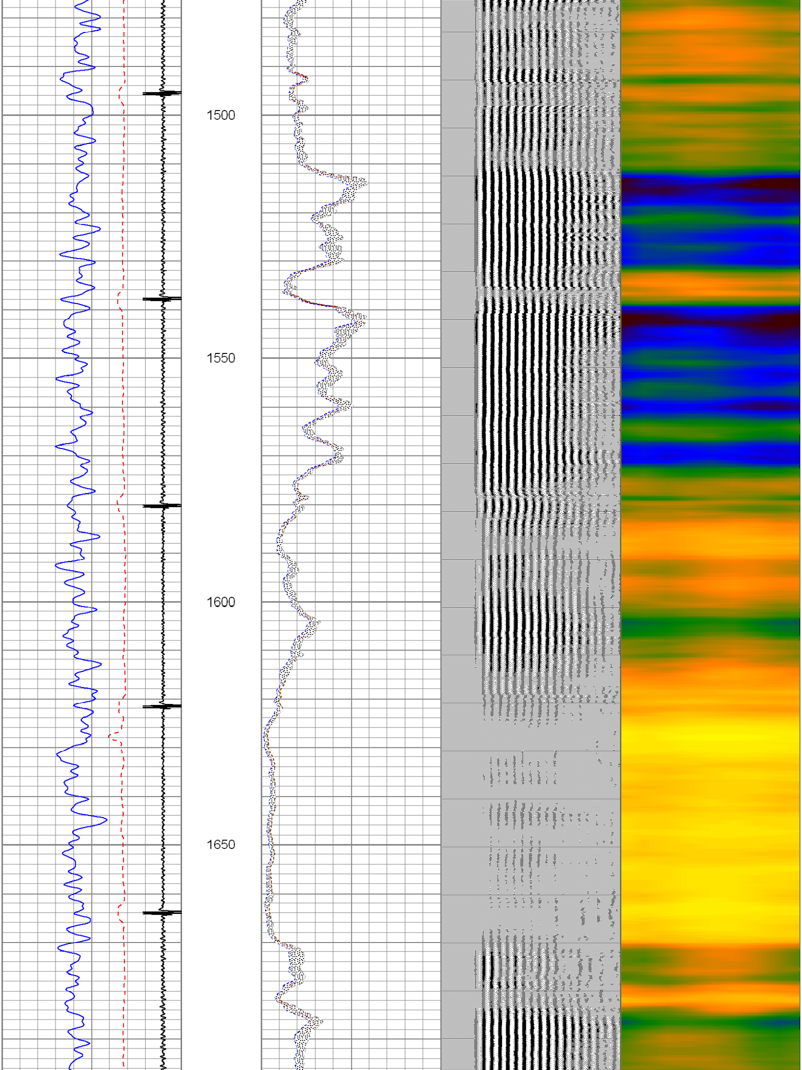


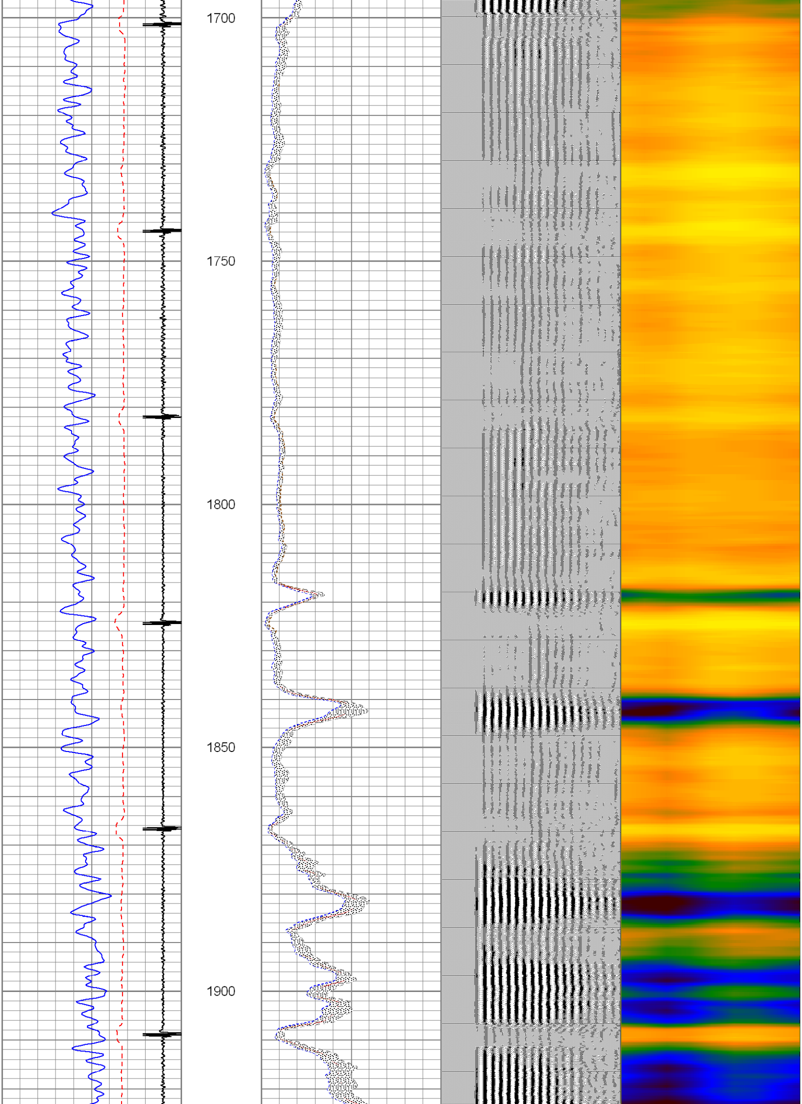


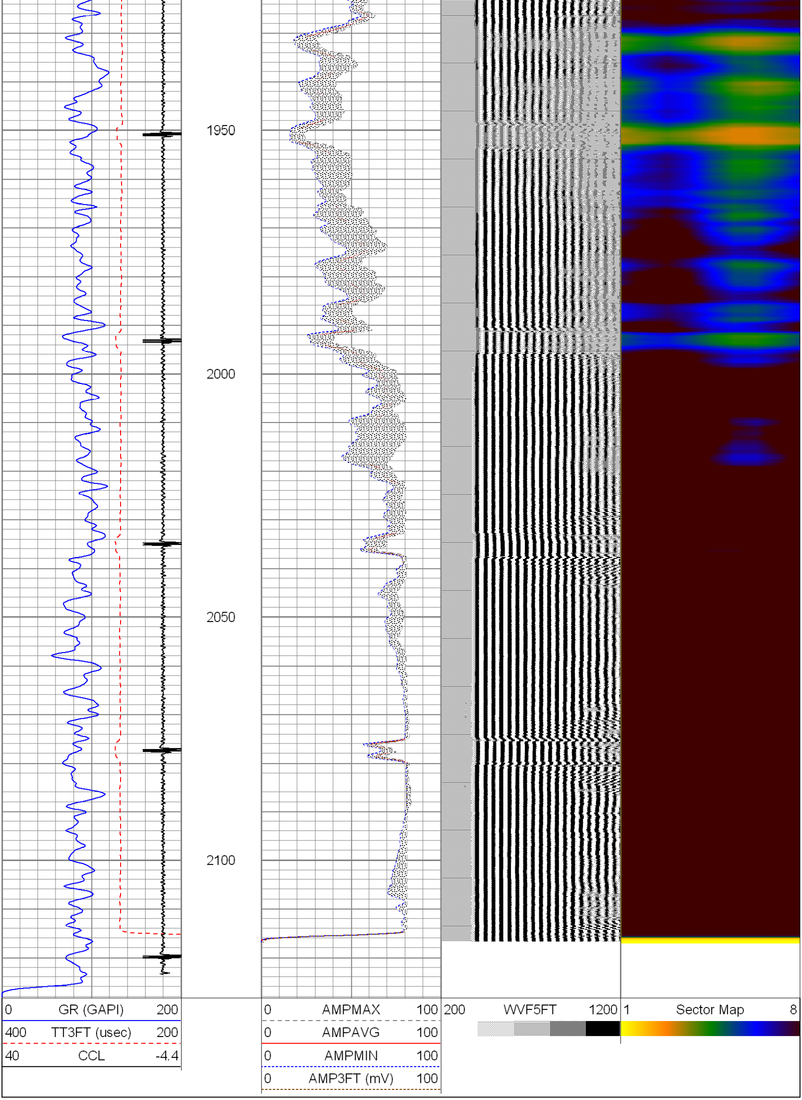












Calibration Report

Database File: cbl noble monfort gilcrest k8-9.db
Dataset Pathname: pass2
Dataset Creation: Fri Sep 26 07:57:47 2014 by Log SCH 120430

Gamma Ray Calibration Report

Type / Serial: Probe275dig / 110785

SHOP CALIBRATION Fri Nov 08 09:38:30 2013

	Counts/Sec.	Gain	Offset	Jig	Units
Background	0.0				cps
Calibrator	1.0				cps
		0.3800			GAPI/cps

PRIMARY VERIFICATION

	Counts/Sec.	Gain	Offset	Jig	Units
Background	0.0				cps
Calibrator	0.0				cps
Difference				0.0	GAPI

BEFORE SURVEY VERIFICATION

	Counts/Sec.	Gain	Offset	Jig	Units
Background	0.0				cps
Calibrator	0.0				cps
Difference				0.0	GAPI

AFTER SURVEY VERIFICATION

	Counts/Sec.	Gain	Offset	Jig	Units
Background	0.0				cps
Calibrator	0.0				cps
Difference				0.0	GAPI

Segmented Cement Bond Log Calibration Report

Serial Number:	101024	
Tool Model:	Probe	
Calibration Casing Diameter:	4.500	in
Calibration Depth:	2127.267	ft

Master Calibration, performed Fri Sep 26 07:57:36 2014:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.007	2.498	1.500	81.196	31.999	1.261
CAL	0.008	2.500				
5'	0.007	2.437	1.500	81.196	32.799	1.259
SUM						
S1	0.008	2.500	0.000	81.196	32.579	-0.251
S2	0.008	2.500	0.000	81.196	32.577	-0.247
S3	0.008	2.500	0.000	81.196	32.576	-0.245
S4	0.008	2.498	0.000	81.196	32.603	-0.253
S5	0.007	2.342	0.000	81.196	34.778	-0.259
S6	0.008	2.266	0.000	81.196	35.955	-0.274
S7	0.007	2.399	0.000	81.196	33.946	-0.251
S8	0.008	2.500	0.000	81.196	32.580	-0.254

Internal Reference Calibration, performed Wed Dec 31 17:00:00 1969:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.008	2.500	1.000	0.000

Air Zero Calibration, performed Fri Sep 26 07:43:51 2014:

	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