LONE WOLF
Wireline, Inc

CEMENT BOND LOG
GAMMA / RAY
CCL

Company ENCANA OIL & GAS (USA) INC.
Well CANYON CREEK 33-13
Field WATTENBERG
County BOULDER
State COLORADO

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Location: API # : 05013066300000

2055' FSL & 2150' FEL NWSE

SEC 13 TWP 1N RGE 69W

Other Services
NONE

Permanent Datum	GROUND LEVEL	Elevation	5058'
Log Measured From	KELLY BUSHING		
Drilling Measured From	KELLY BUSHING	=13'	

Elevation
K.B. 5071'
D.F. 5070'
G.L. 5058'

Date	JULY-21-2012		
Run Number	ONE		
Depth Driller	8377'		
Depth Logger	8316'		
Bottom Logged Interval	8316'		
Top Log Interval	3100'		
Open Hole Size	7.875"		
Type Fluid	WATER		
Density / Viscosity	~8.3#		
Max. Recorded Temp.	275 DEG.F		
Estimated Cement Top	3350'		
Time Well Ready	R.O.A.		
Time Logger on Bottom	N/A		
Equipment Number	142		
Location	GRAND JUNCTION		
Recorded By	R.RODRIGUEZ		
Witnessed By	T.MAJORS		

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

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8.625"	24#		
Prot. String				
Production String	4.5"	11.6#		
Liner				

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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

LOG CORRELATED TO PHOENIX SURVEYS,INC. COMPENSATED DENSITY LOG DATED JUNE-21-2

SHORT JOINT @ 7368' - 7388'

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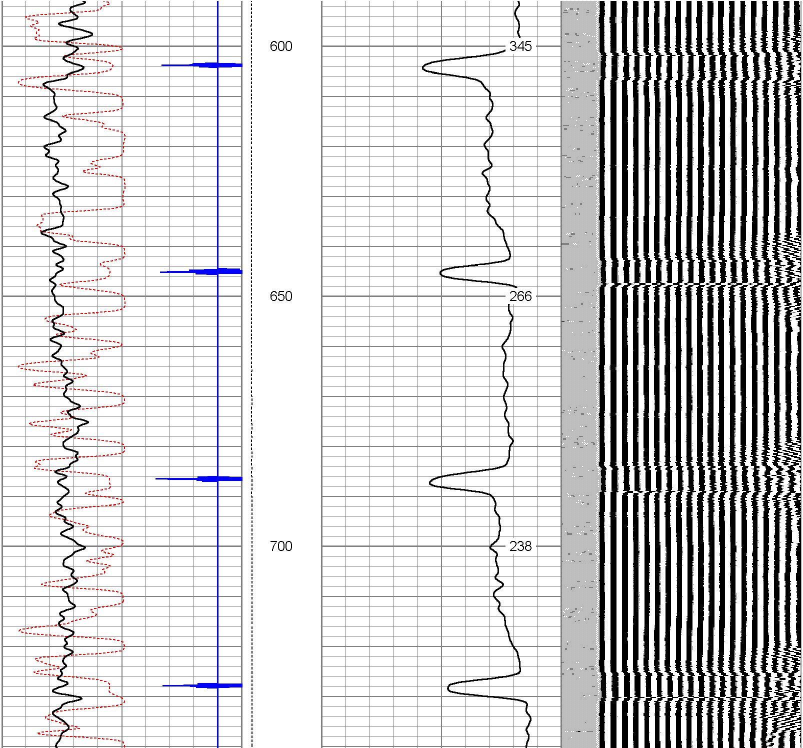
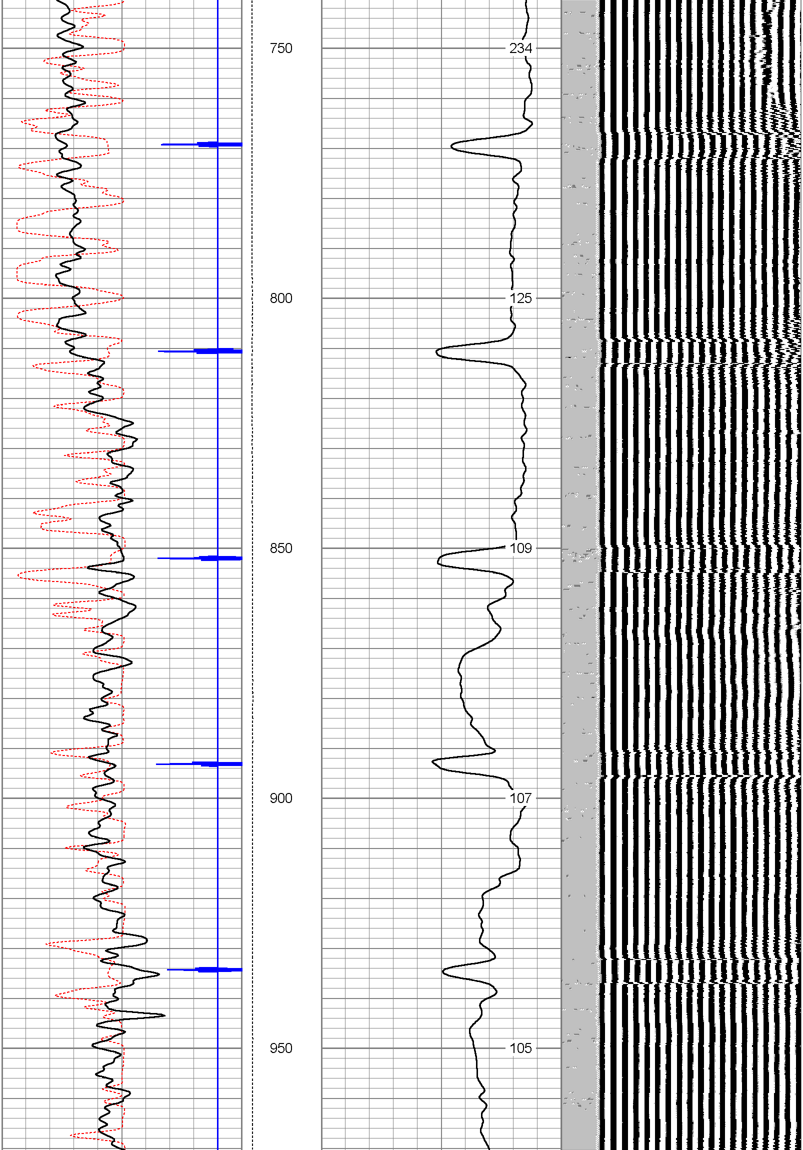
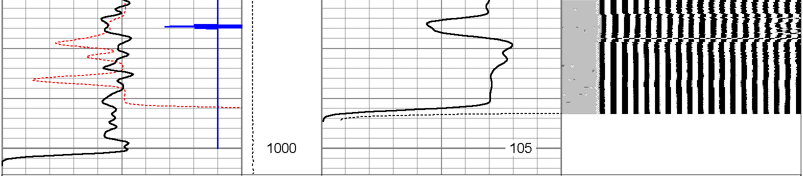
TOP PASS 5" = 100'

Database File:	canyoncreek33-13.db
Dataset Pathname:	pass16.1
Presentation Format:	cbldig
Dataset Creation:	Sat Jul 21 16:08:33 2012 by Calc SCH 120430
Charted by:	Depth in Feet scaled 1:240

300 Travel Time (usec) 200	Line Tension	0 Amplitude (mV) 100	200 Variable Density 1200
9 Collar Locator -1	0 (lb) 2000	0 Amplified Amplitude (mV) 10	
0 GR (GAPI) 250		TEMP (degF)	







300 Travel Time (usec) 200	Line Tension	0 Amplitude (mV) 100	200 Variable Density 1200
9 Collar Locator -1	0 (lb)2000	0 Amplified Amplitude (mV) 10	
0 GR (GAPI) 250		TEMP (degF)	

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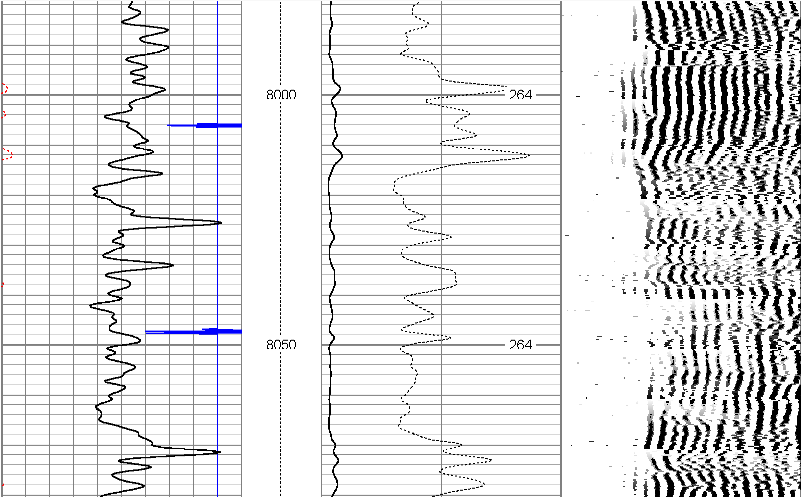
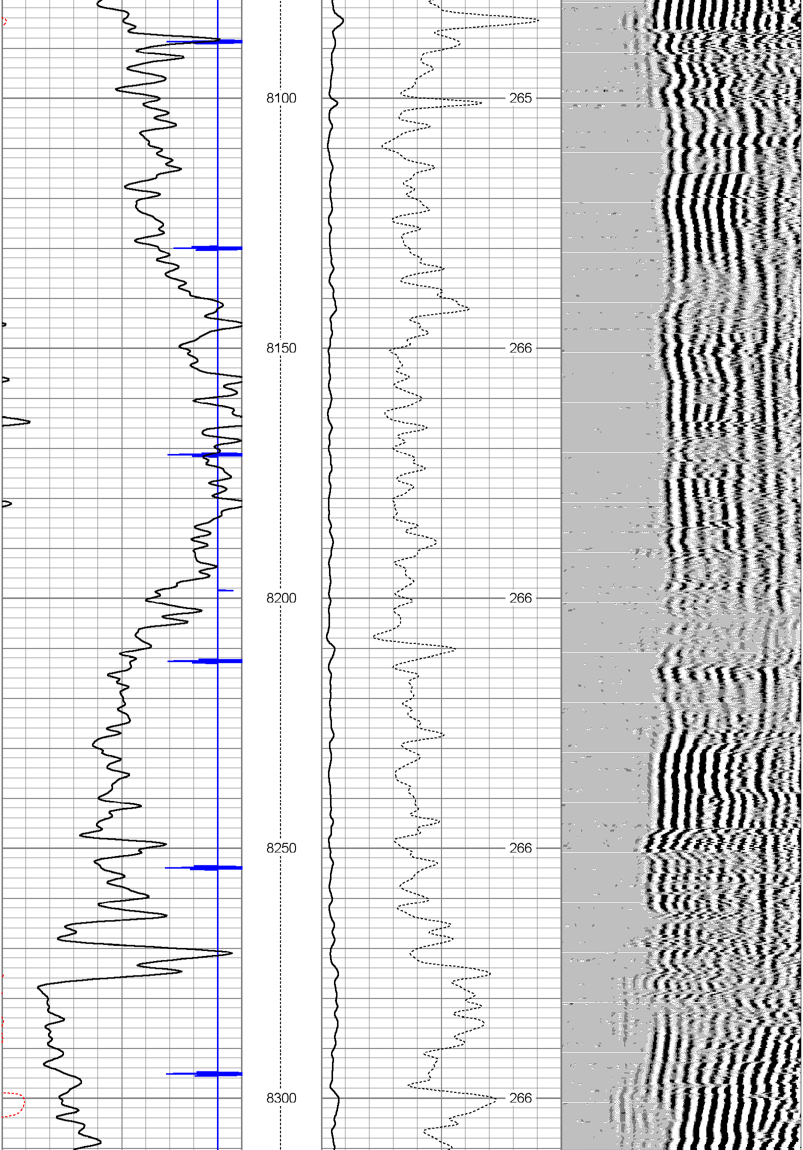
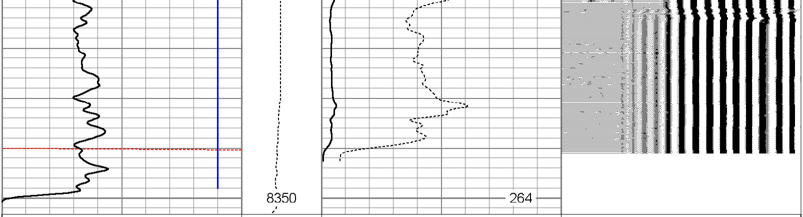
REPEAT PASS 5" = 100'

Database File:	canyoncreek33-13.db
Dataset Pathname:	pass14
Presentation Format:	cbldig
Dataset Creation:	Sat Jul 21 14:39:25 2012 by Log SCH 120430
Charted by:	Depth in Feet scaled 1:240

300 Travel Time (usec) 200	Line Tension	0 Amplitude (mV) 100	200 Variable Density 1200
9 Collar Locator -1	0 (lb)2000	0 Amplified Amplitude (mV) 10	
0 GR (GAPI) 250		TEMP (degF)	







300 Travel Time (usec) 200	Line Tension	0 Amplitude (mV) 100	200 Variable Density 1200
9 Collar Locator -1	0 (lb) 2000	0 Amplified Amplitude (mV) 10	
0 GR (GAPI) 250		TEMP (degF)	

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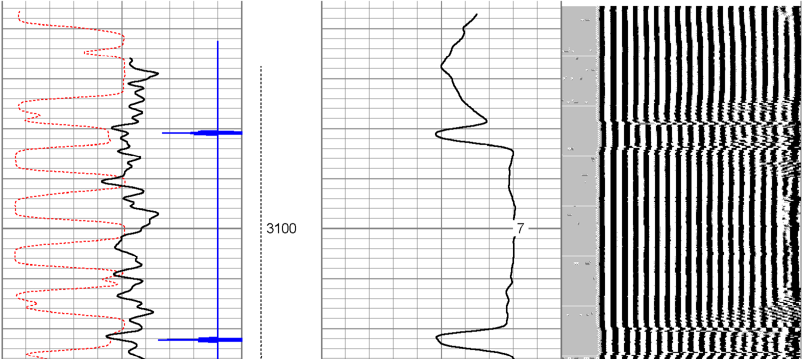
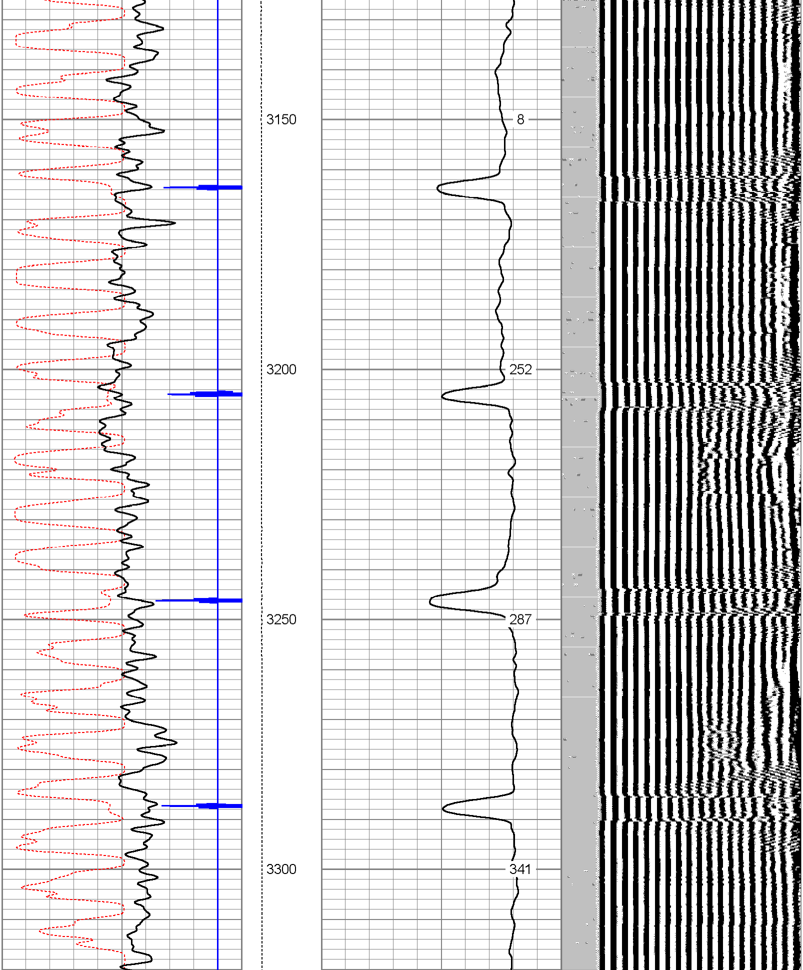
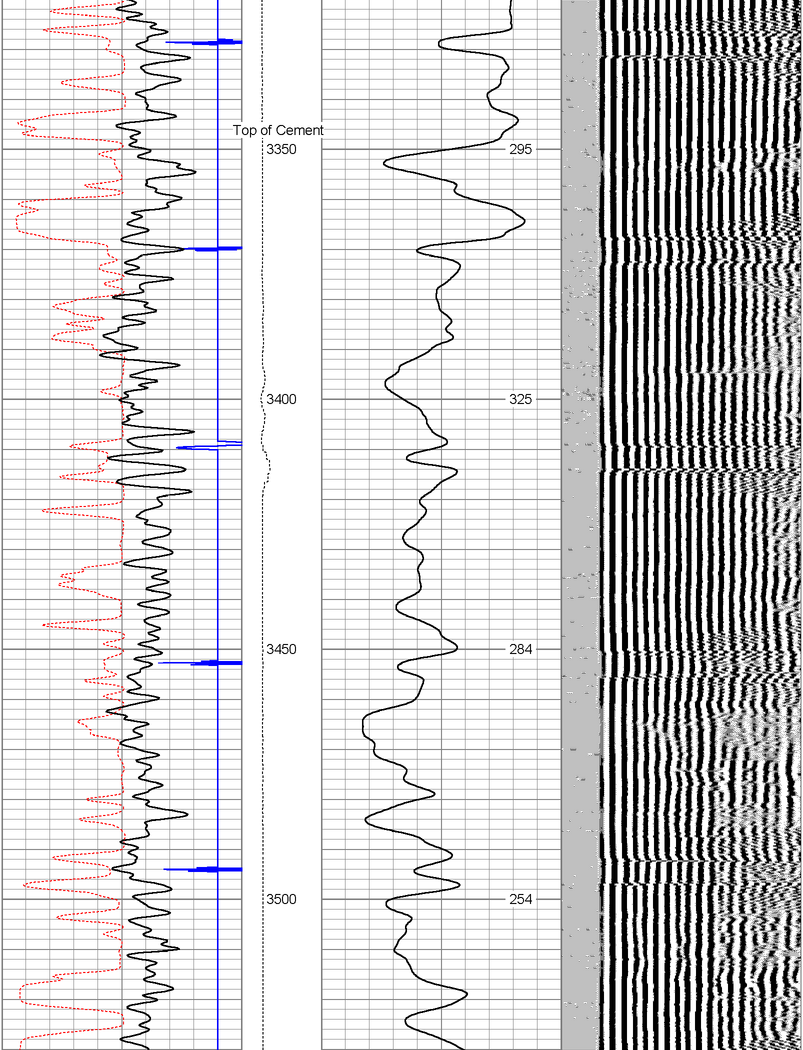
MAIN PASS 5" = 100'

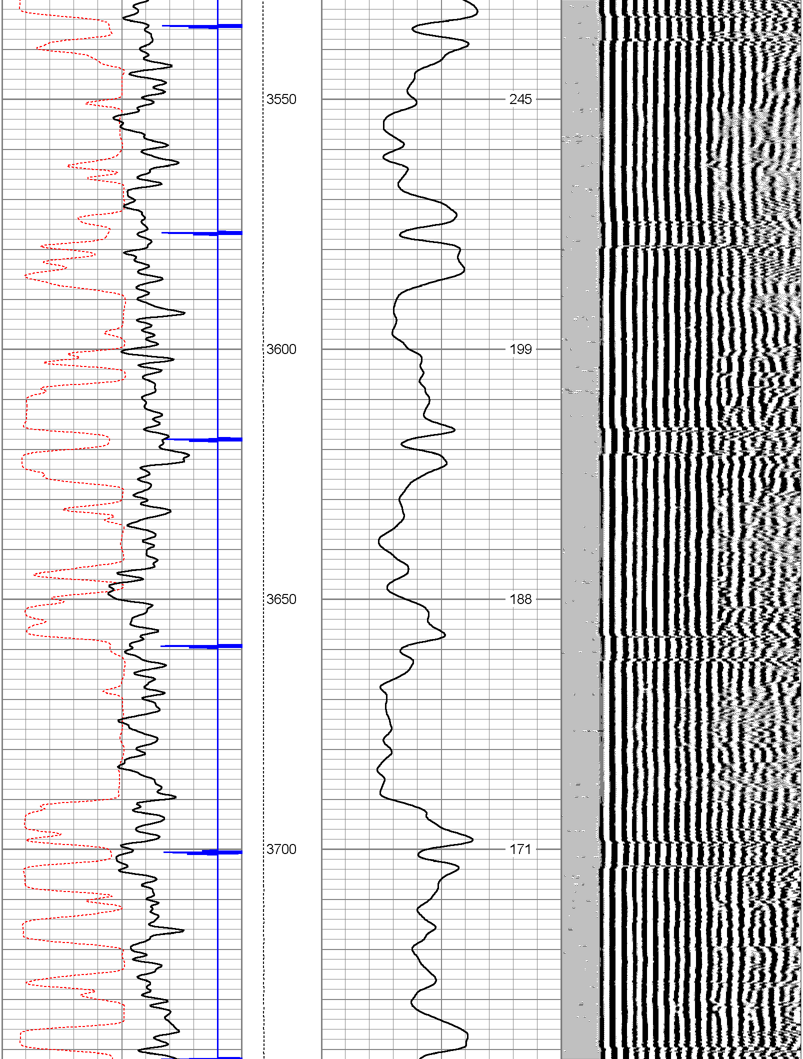
Database File:	canyoncreek33-13.db
Dataset Pathname:	pass15.1OH
Presentation Format:	cbldig
Dataset Creation:	Sat Jul 21 16:23:57 2012
Charted by:	Depth in Feet scaled 1:240

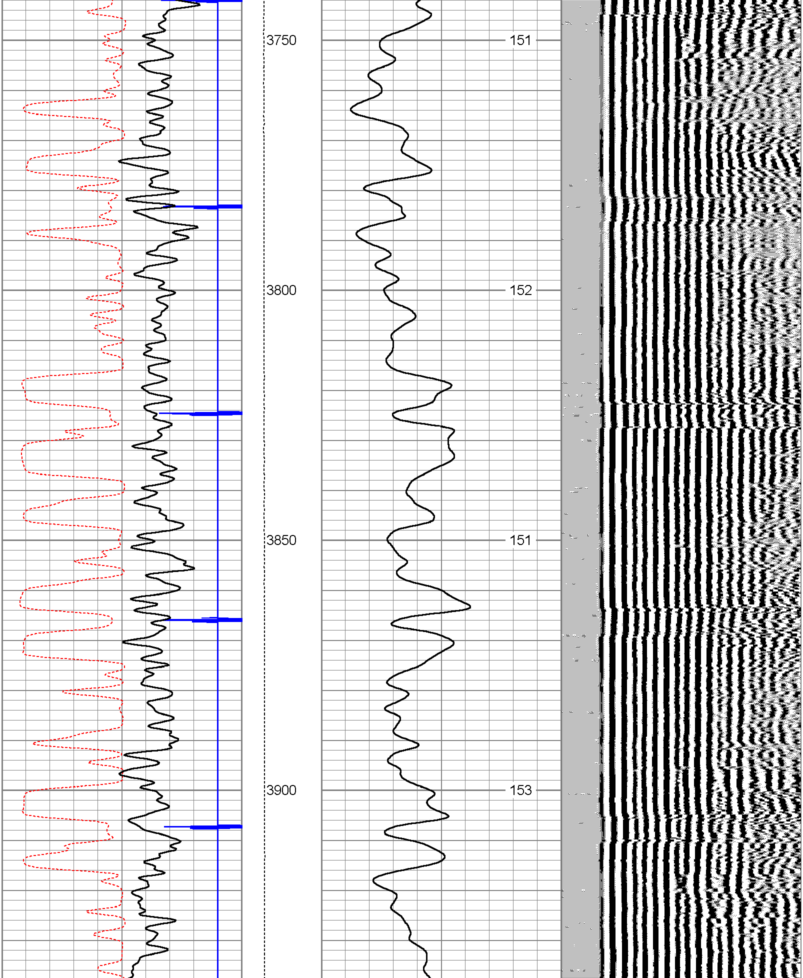
300 Travel Time (usec) 200	Line Tension	0 Amplitude (mV) 100	200 Variable Density 1200
9 Collar Locator -1	0 (lb) 2000	0 Amplified Amplitude (mV) 10	
0 GR (GAPI) 200		TEMP (degF)	

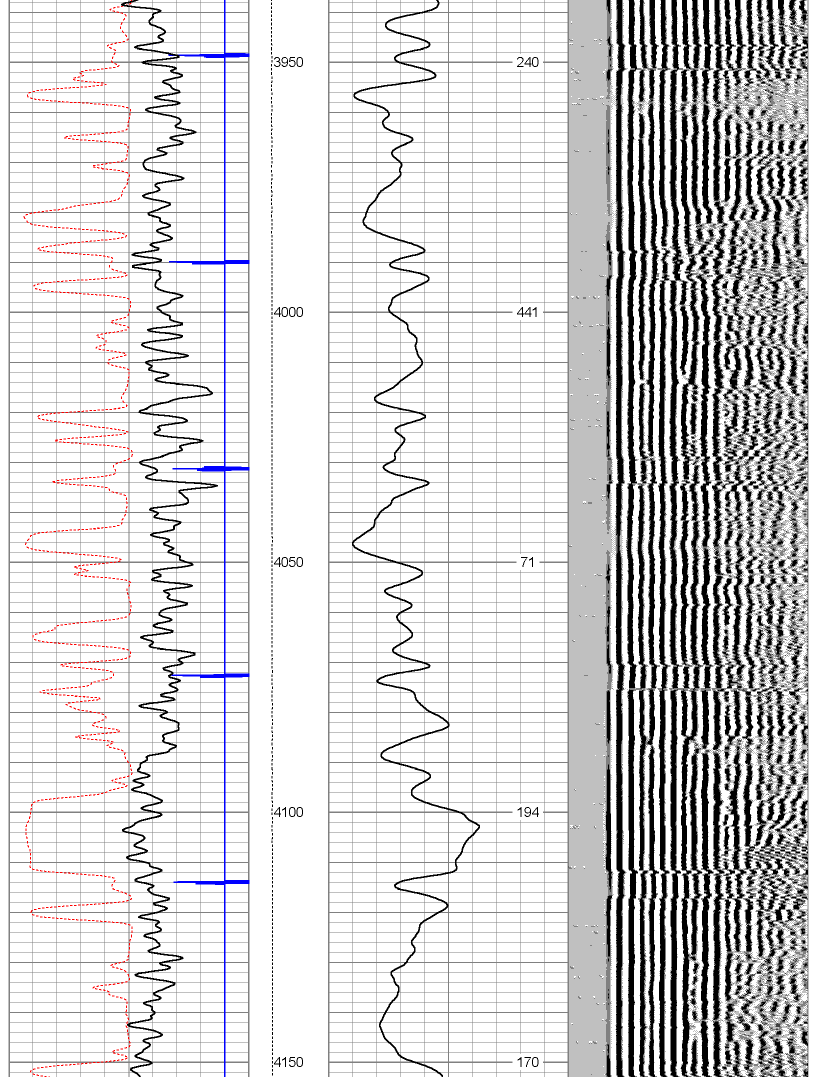


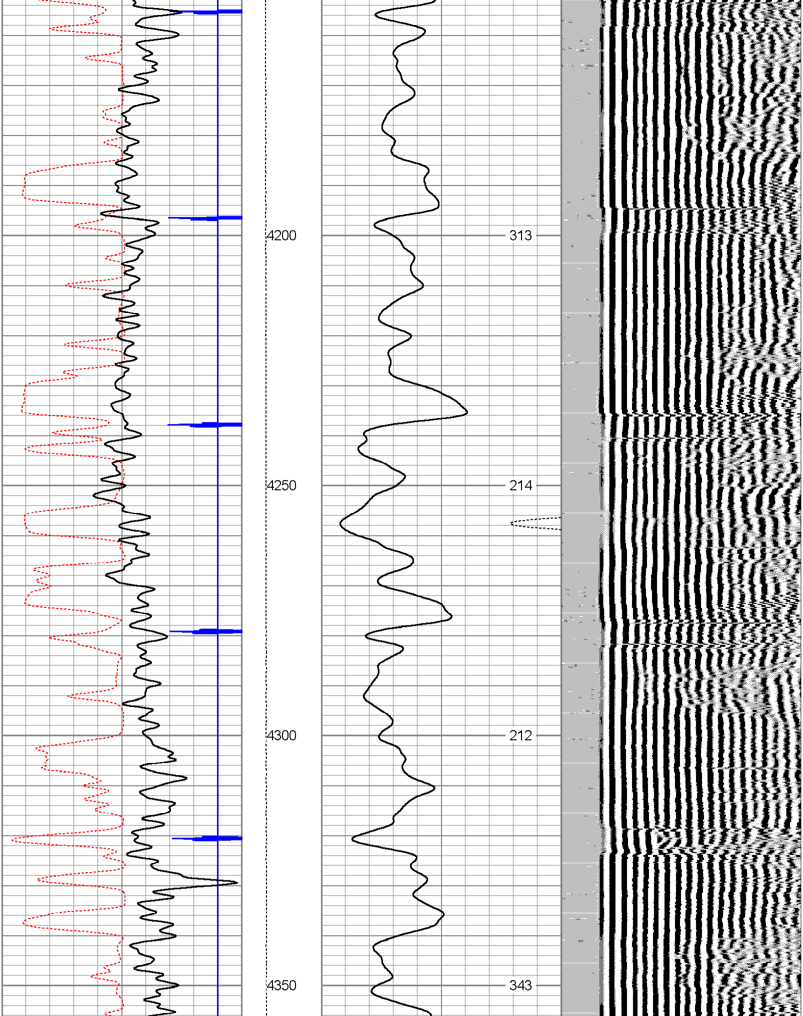


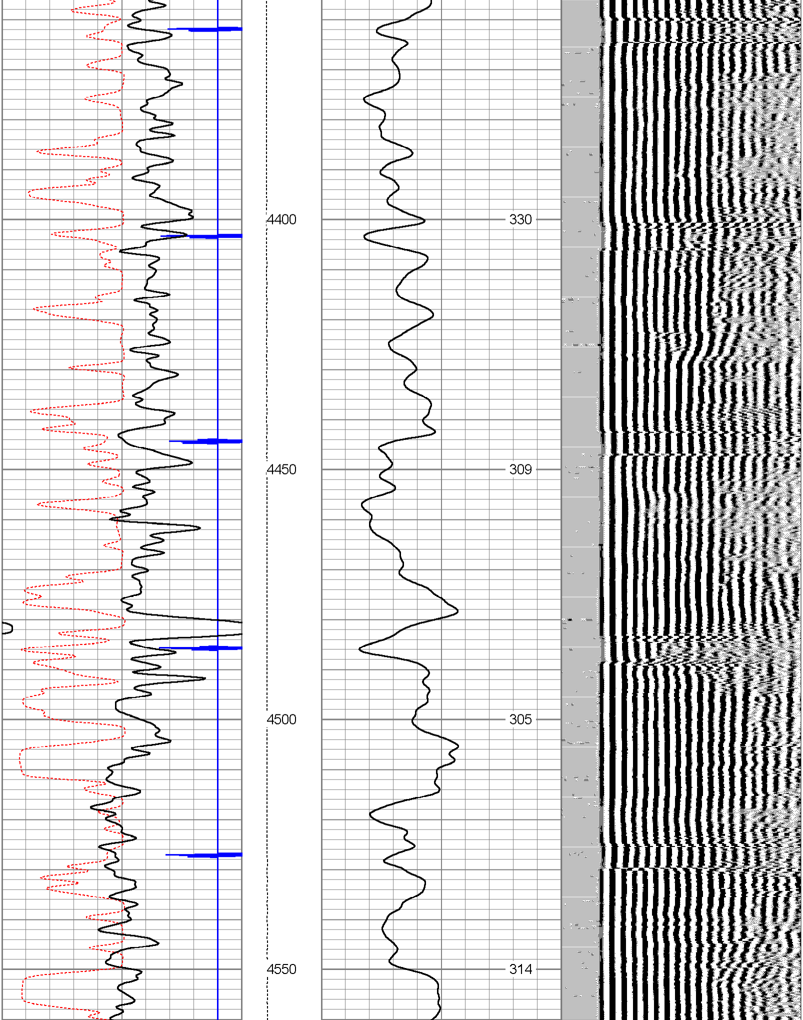


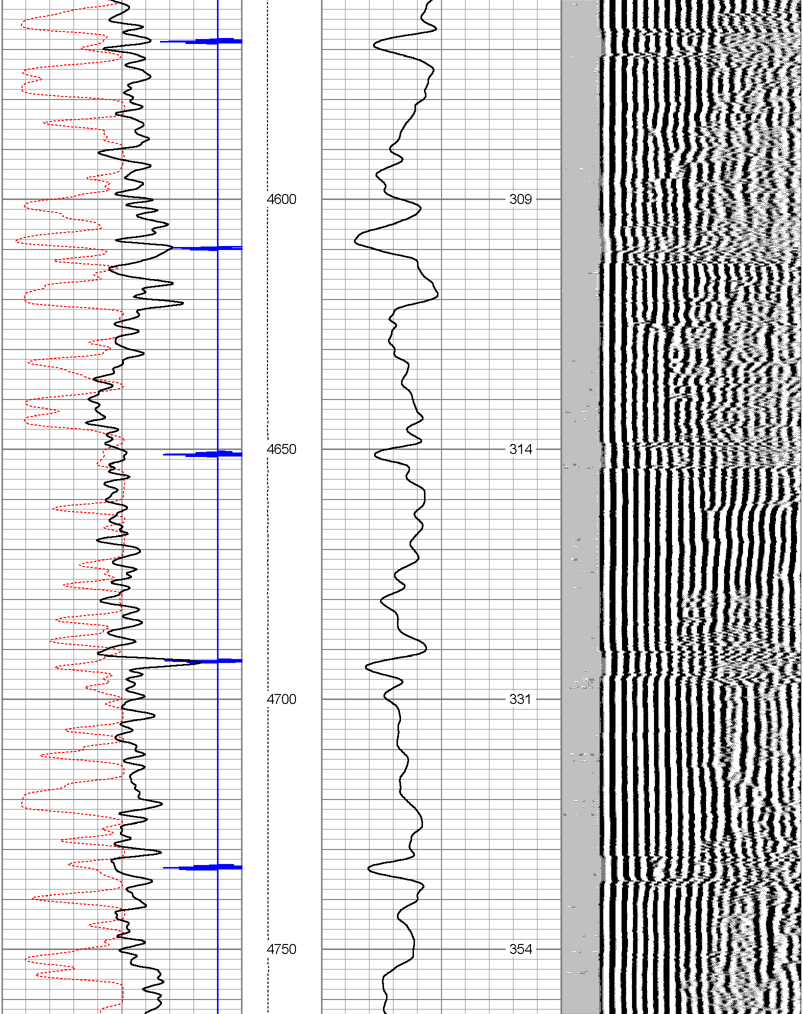


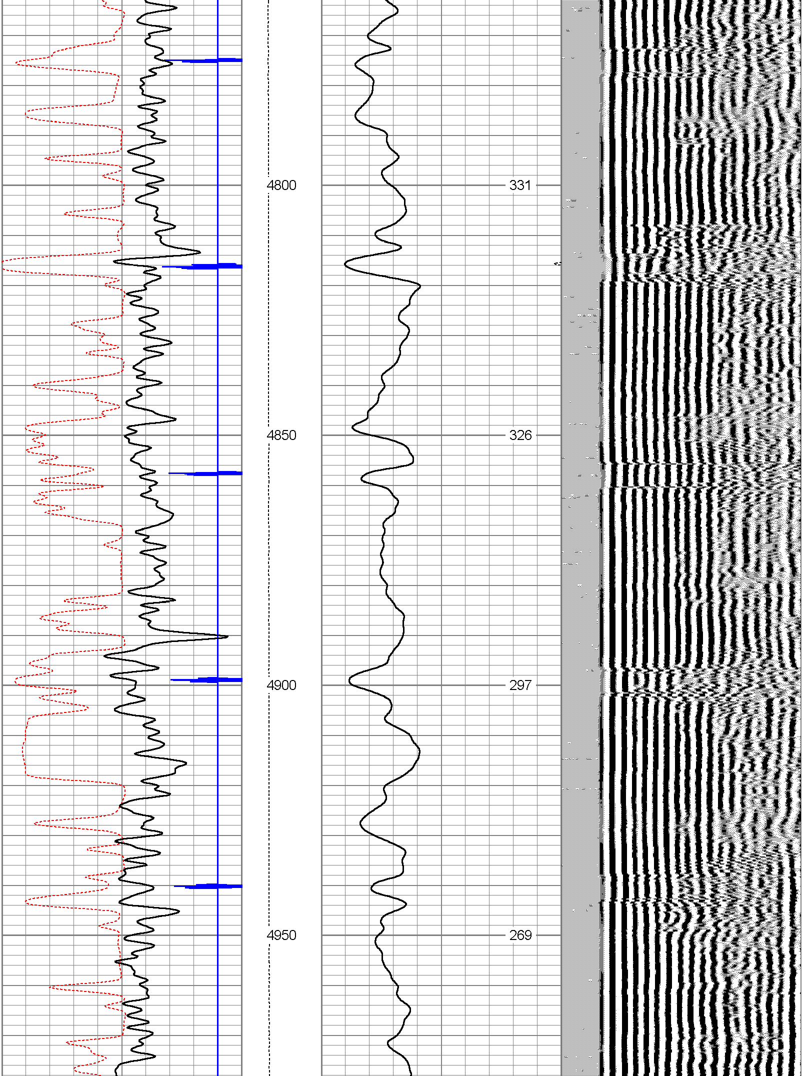


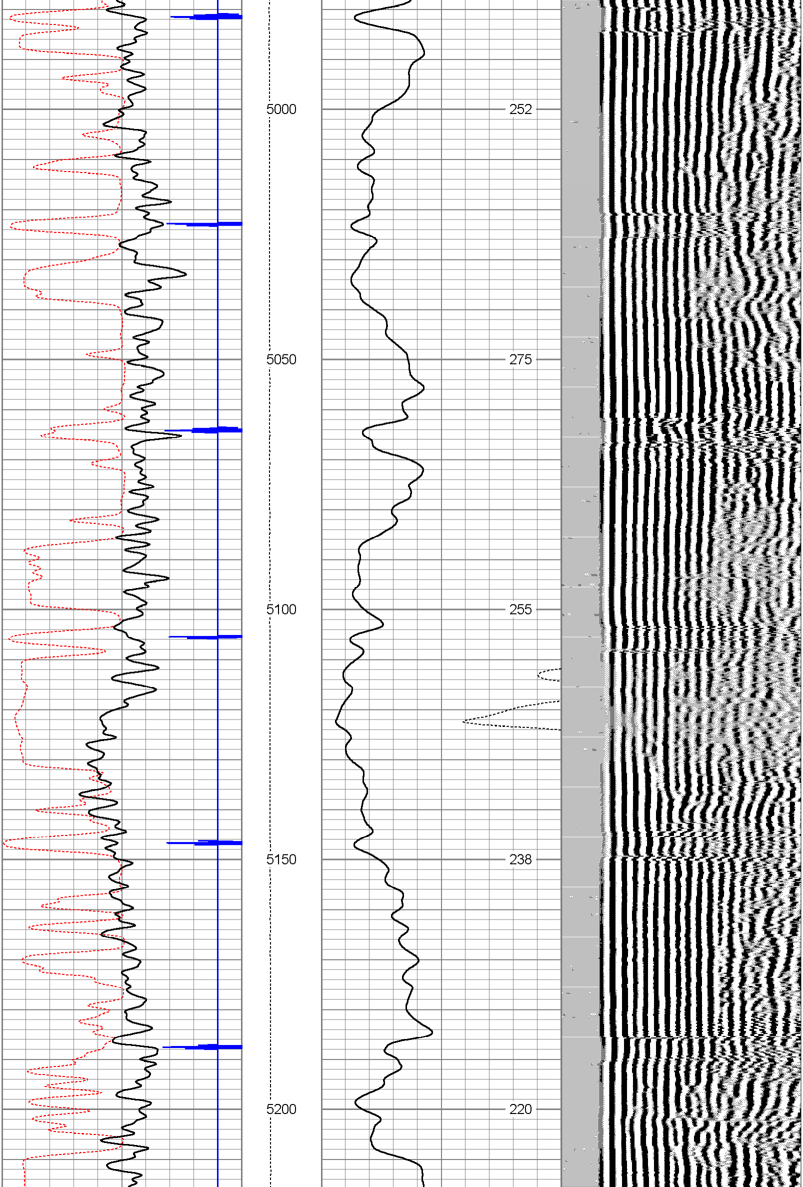


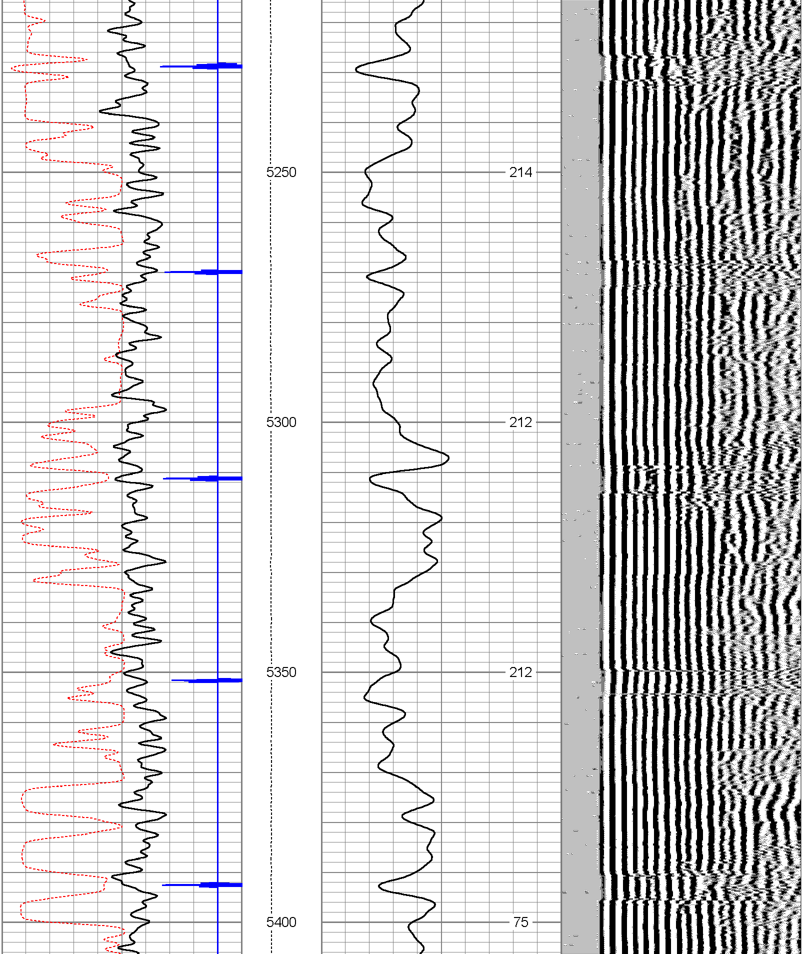


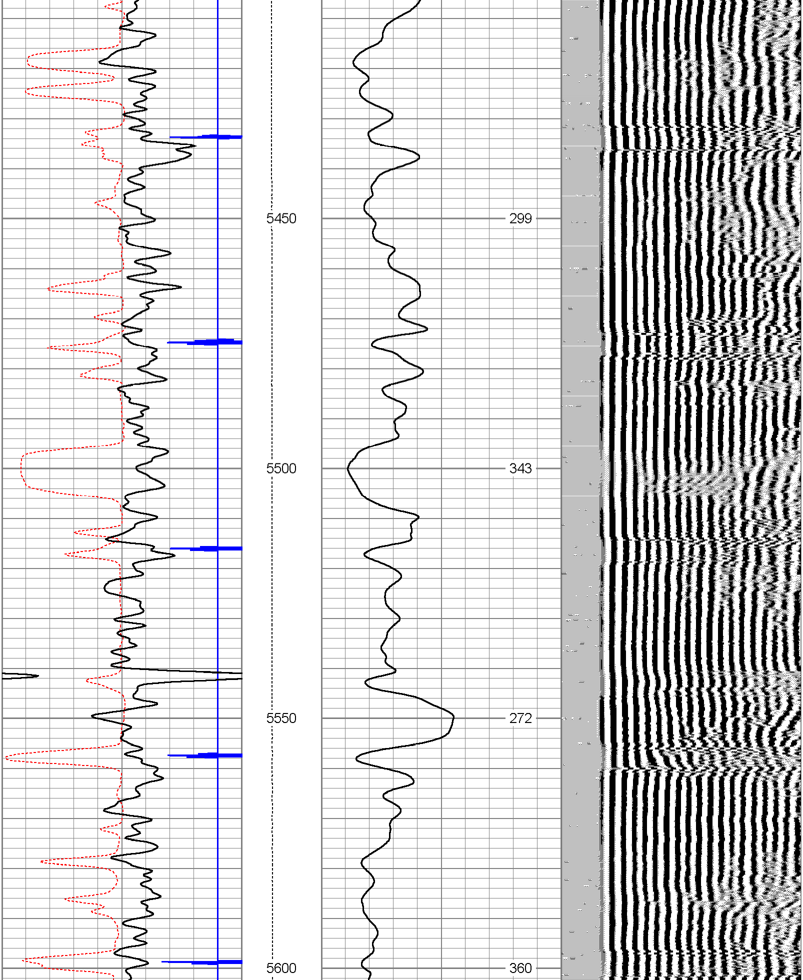


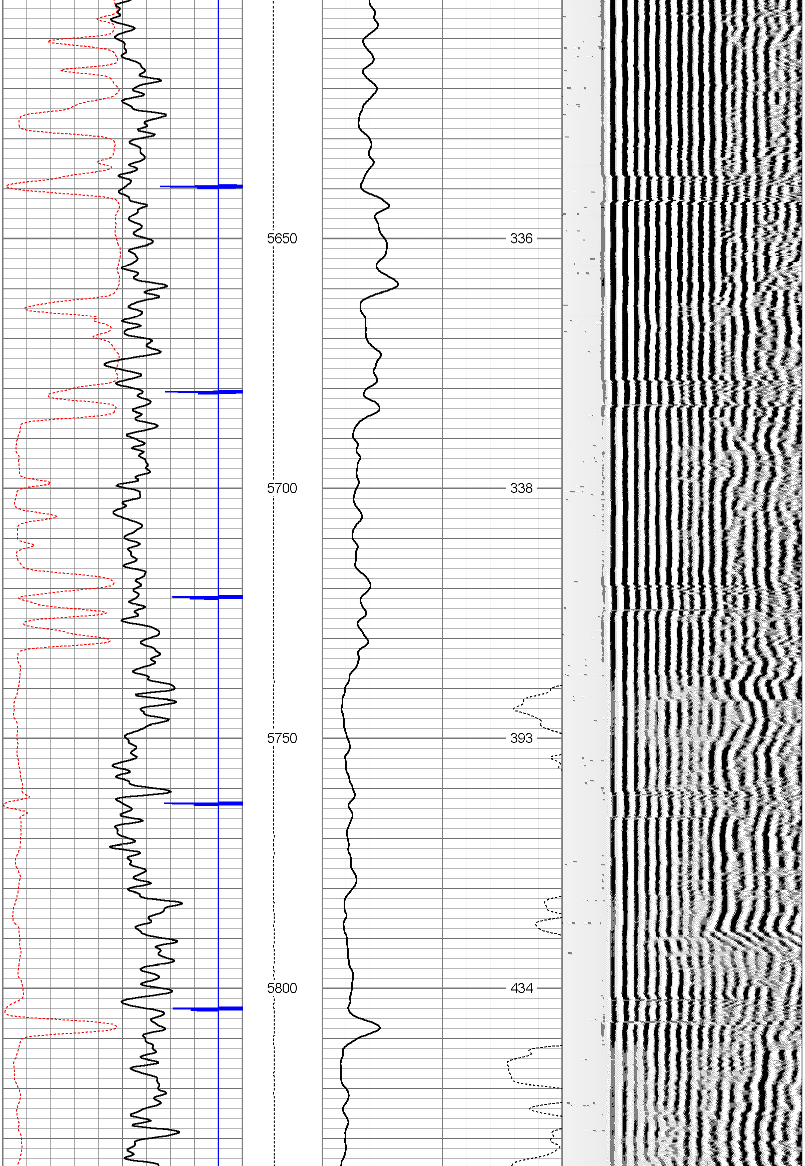












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