J-W WIRELINE COMPANY

CEMENT BOND
GAMMARAY
COLLAR CORRELATION LOG

Company BONANZA CREEK ENERGY, INC.
Well ANTELOPE 21-29
Field WATTENBERG
County WELD
State COLORADO

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Field WATTENBERG
County WELD State COLORADO

Location: API # : 05-123-33175-000
SHL: 1650' FNL & 1132' FWL SW/NW
BHL: 654' FNL & 2042' FWL NE/NW
SEC 29 TWP 5 N RGE 62 W

Other Services
PERF

Permanent Datum GROUND LEVEL Elevation 4659
Log Measured From KELLY BUSHING
Drilling Measured From KELLY BUSHING

Elevation
K.B. 4669
D.F. 4668
G.L. 4659

Date	18-MAY-2011		
Run Number	ONE		
Depth Driller	6922		
Depth Logger	6890		
Bottom Logged Interval	6889		
Top Log Interval	6890		
Open Hole Size	7 7/8"		
Type Fluid	WATER		
Density / Viscosity	---		
Max. Recorded Temp.	224		
Estimated Cement Top	2824		
Time Well Ready	---		
Time Logger on Bottom	---		
Equipment Number	2337/1		
Location	BRIGHTON		
Recorded By	JIM McKIE		
Witnessed By	BARB MARTIN		

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 1/2	11.6	SURFACE	TOTAL DEPTH
Liner				

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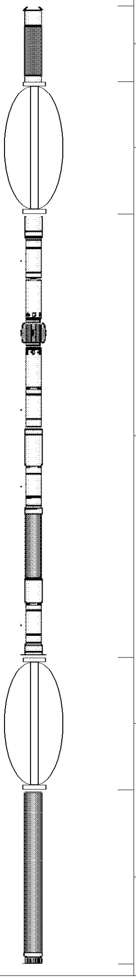
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

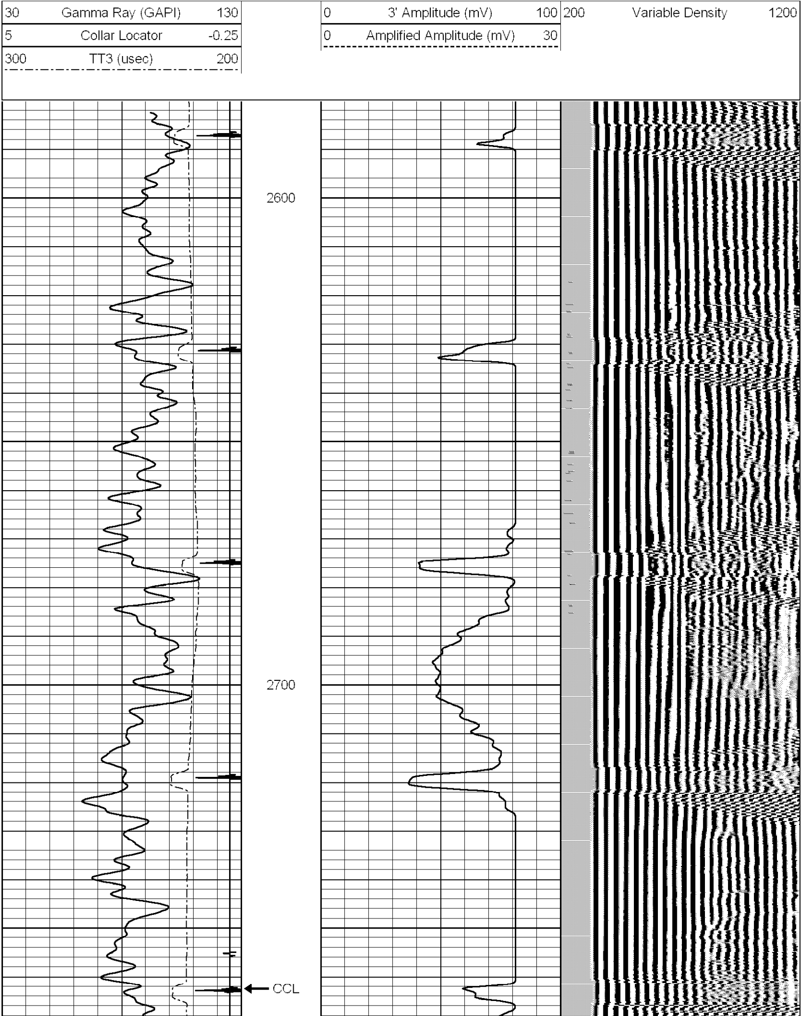
Comments

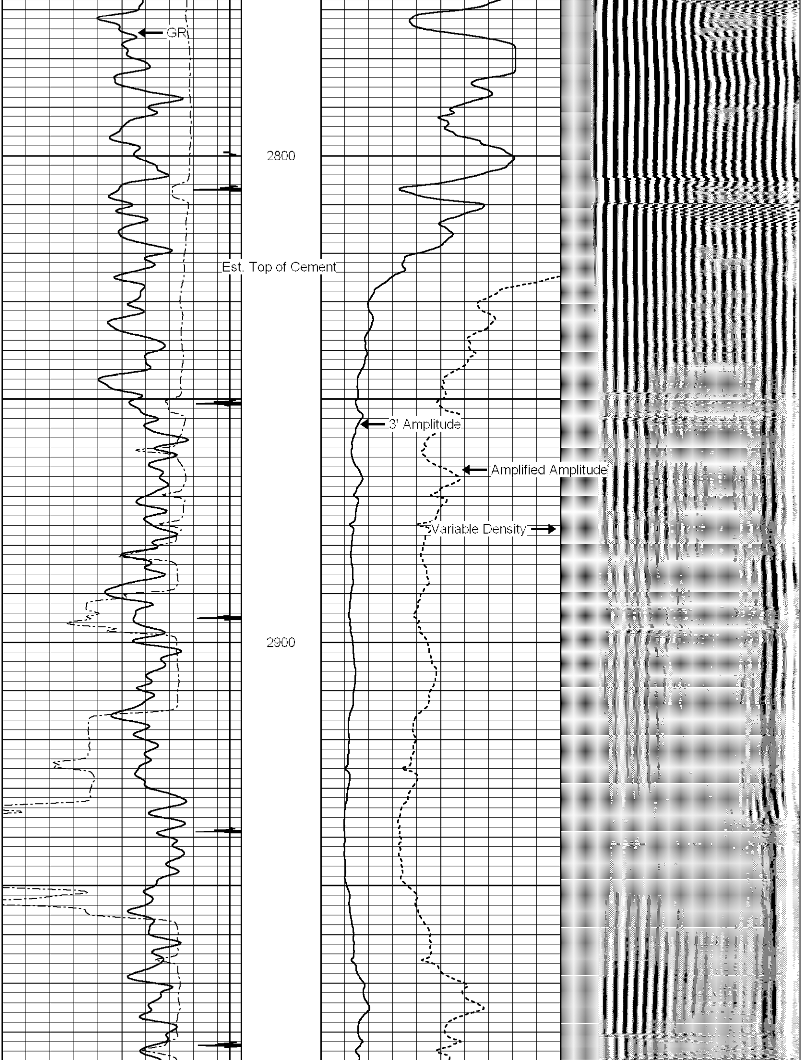
LOG CORRELATED TO CDN/DIL DATED 15-APR-2011
LOG SPLIT AT 5000' FOR CORRELATION PURPOSES

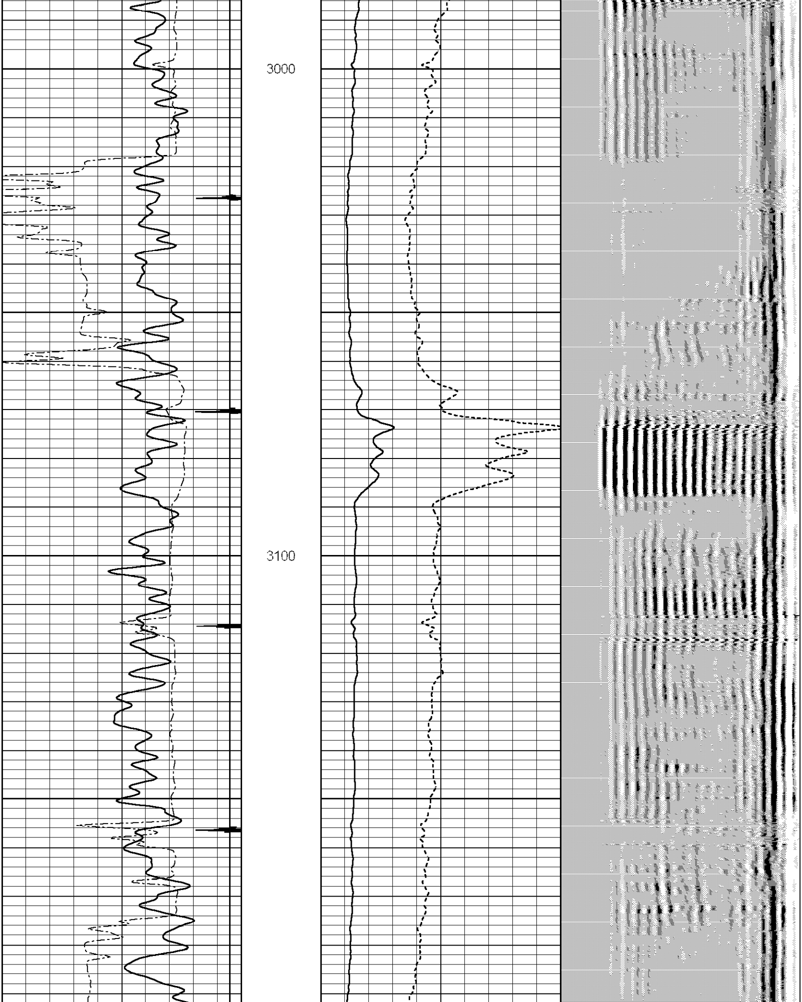
Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
CCL	20.25		CCL-169TEKCO (169) 1 11/16" Tekco Logging	1.67	1.69	20.00
			CENT-TekCo (1 11/16 Adj.) (001) 1 11/16" Tekco Cent	2.92	1.69	10.00
			CBL-3-5tekco169 (1) 1 11/16 Tekco w/o Temp	9.75	1.69	70.00
WVF3	11.00					
WVF5	10.17					
			CENT-TekCo (1 11/16 Adj.) (002) 1 11/16" Tekco Cent	2.92	1.69	10.00
			GR-1.69TEKCO (576) 1 11/16 Tekco Logging GR	3.83	1.69	50.00
GR	1.00					

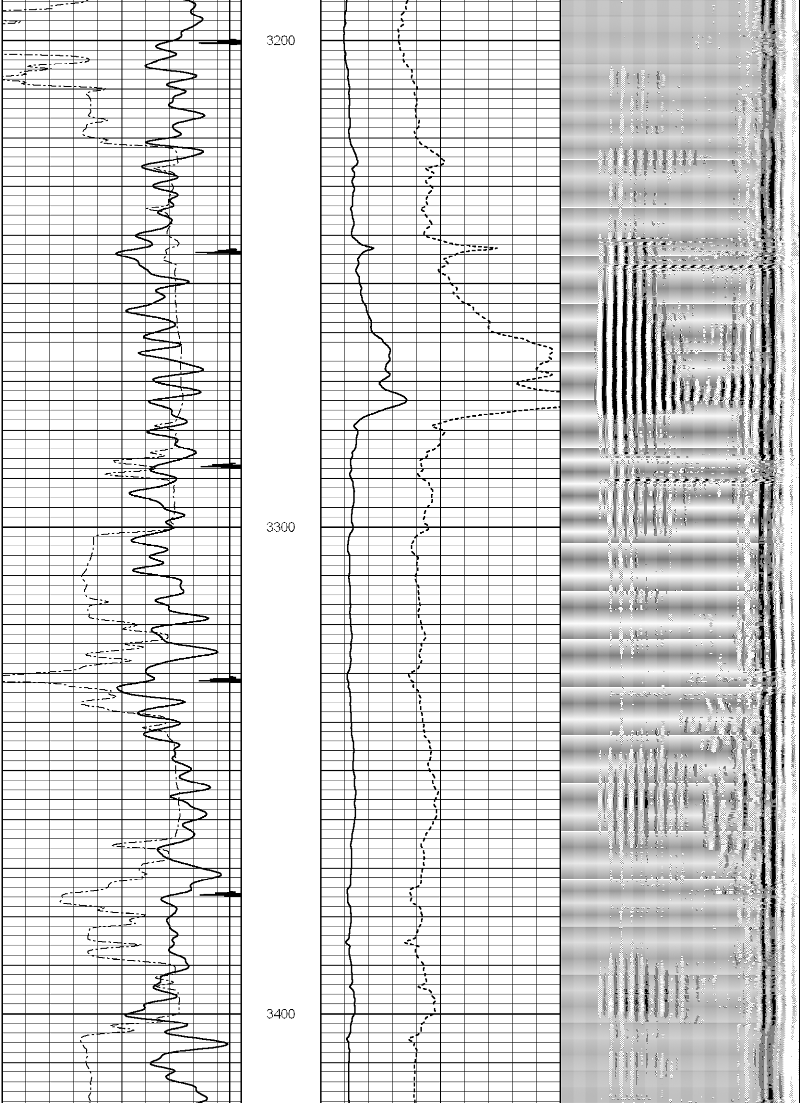
Dataset:	antelope21-29.db: field/well/run1/pass2.1
Total Length:	21.08 ft
Total Weight:	160.00 lb
O.D.	1.69 in

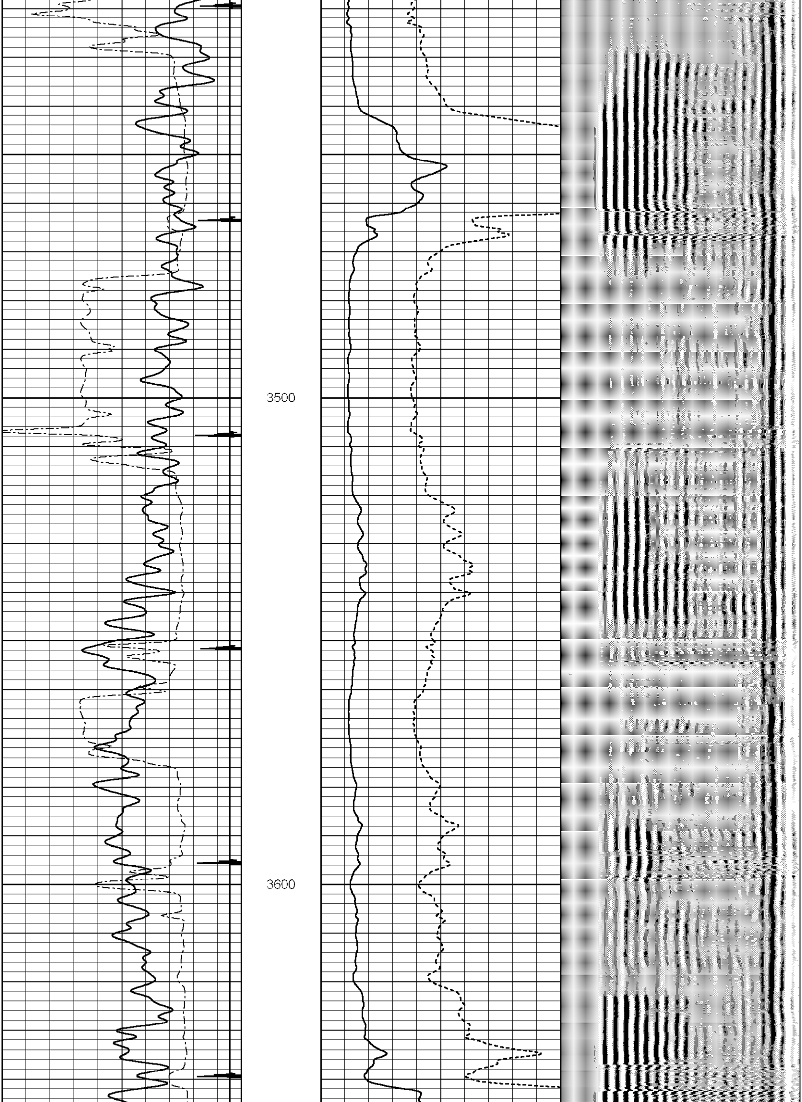
Database File: antelope21-29.db
Dataset Pathname: pass2.1
Presentation Format: cblx
Dataset Creation: Wed May 18 10:22:41 2011 by Calc Std Casedhole 10121
Charted by: Depth in Feet scaled 1:240

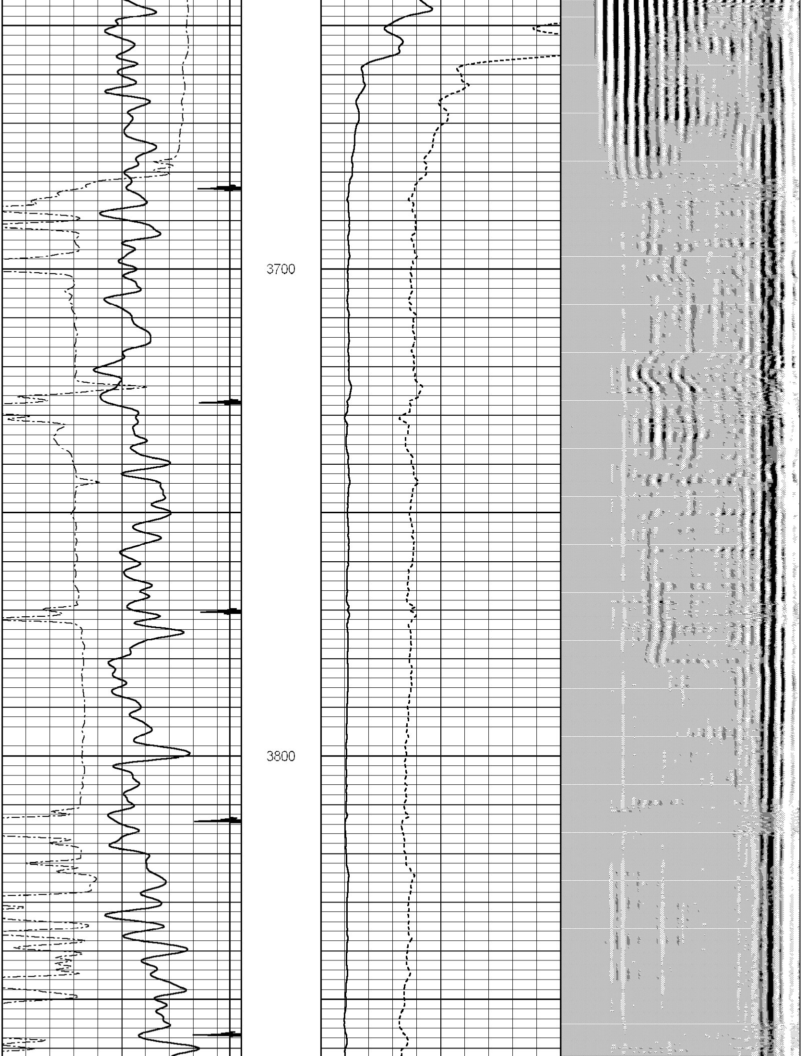


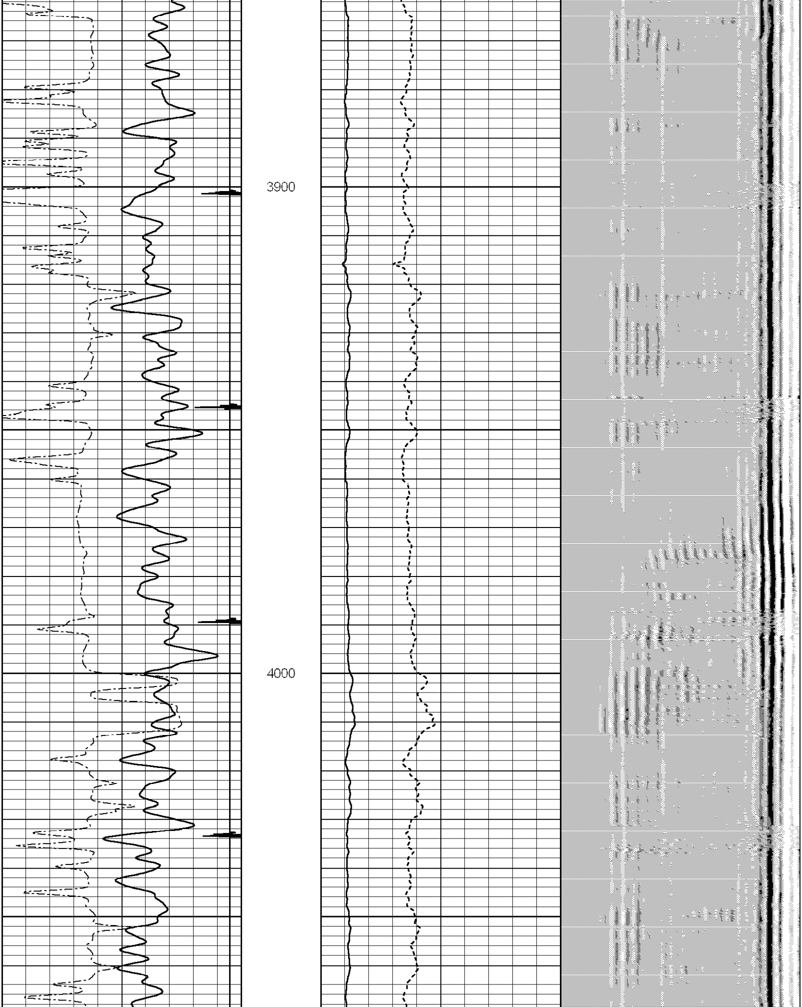


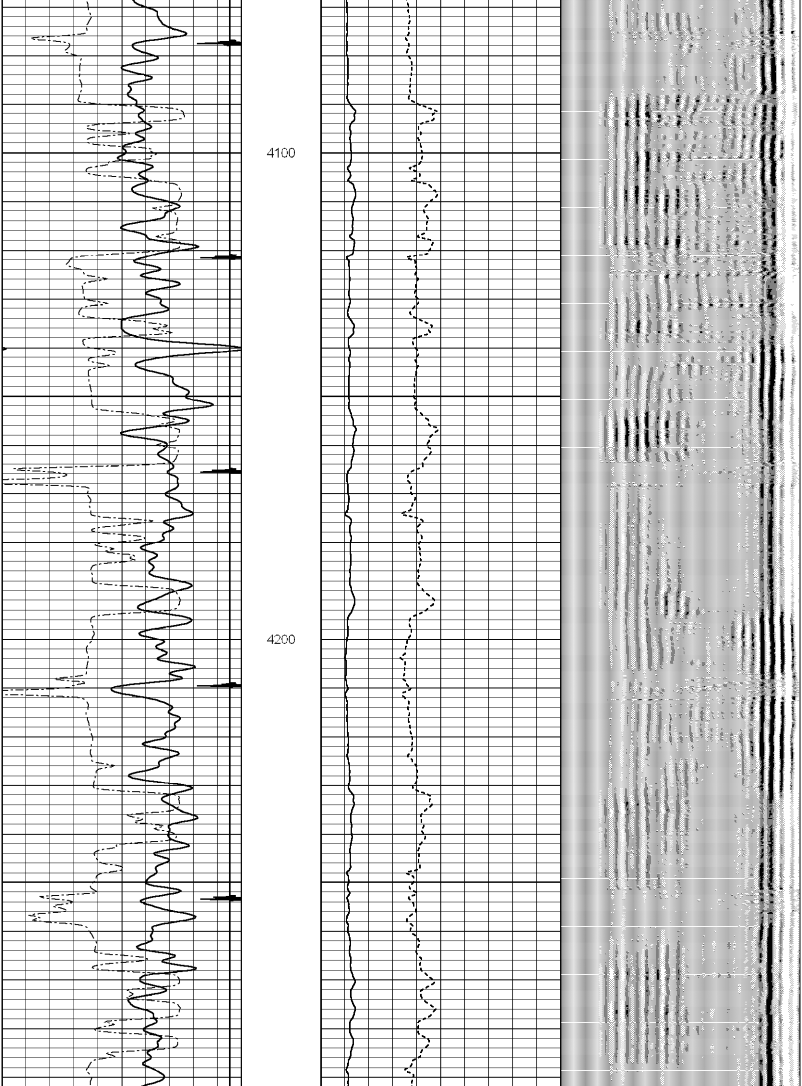


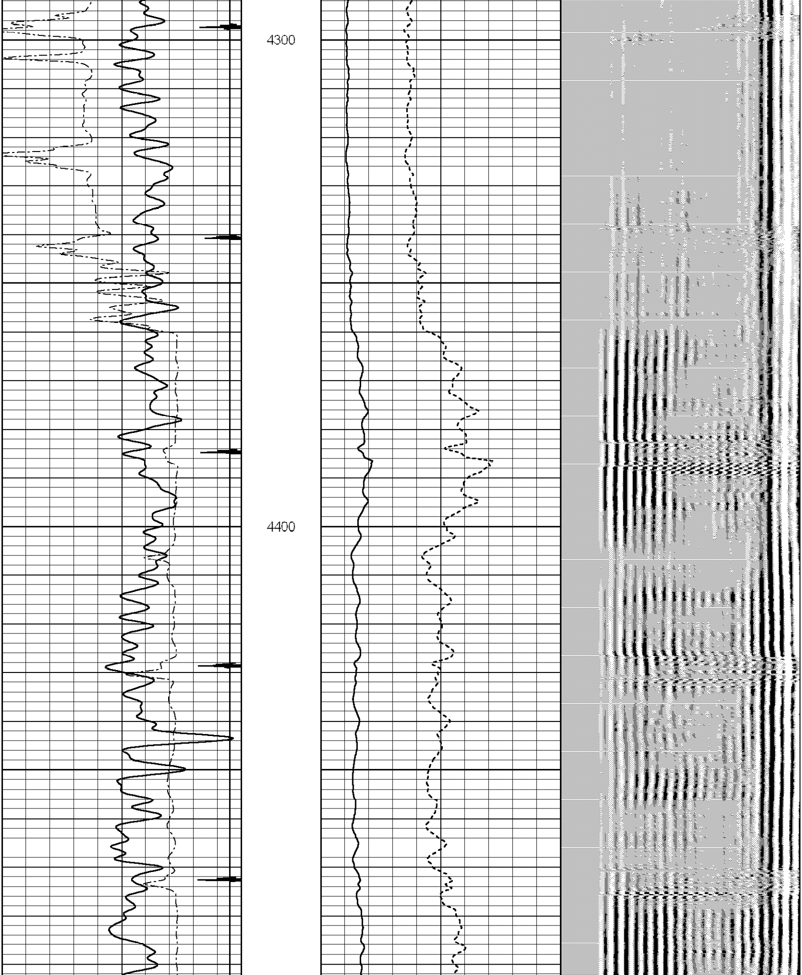


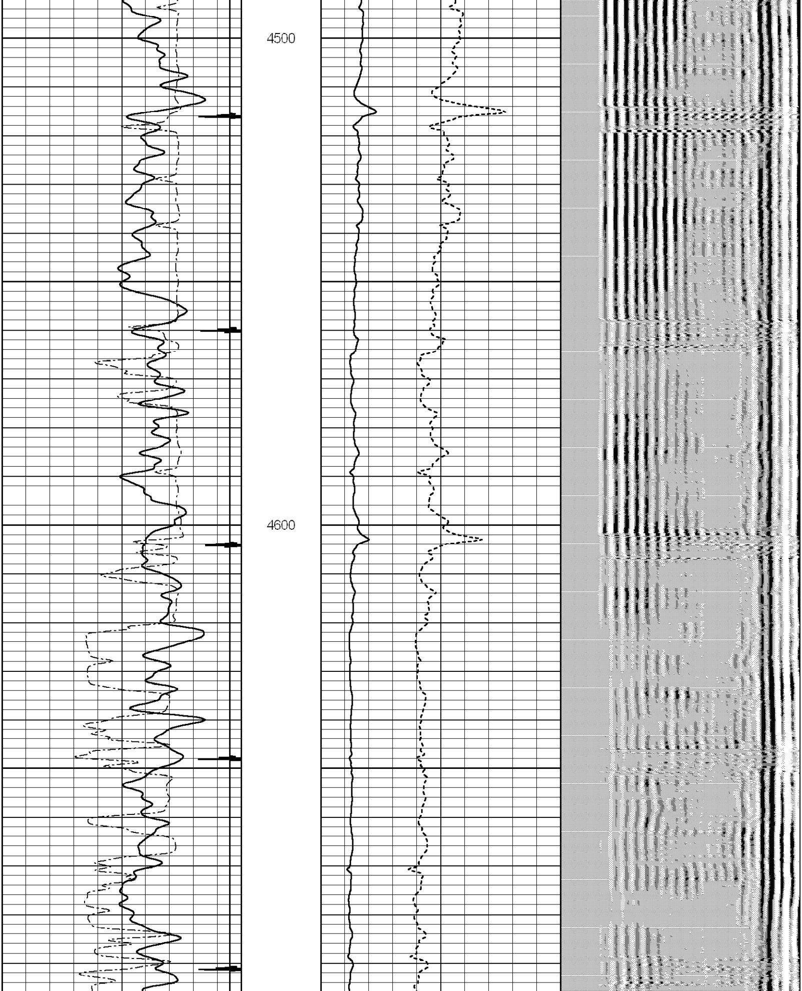


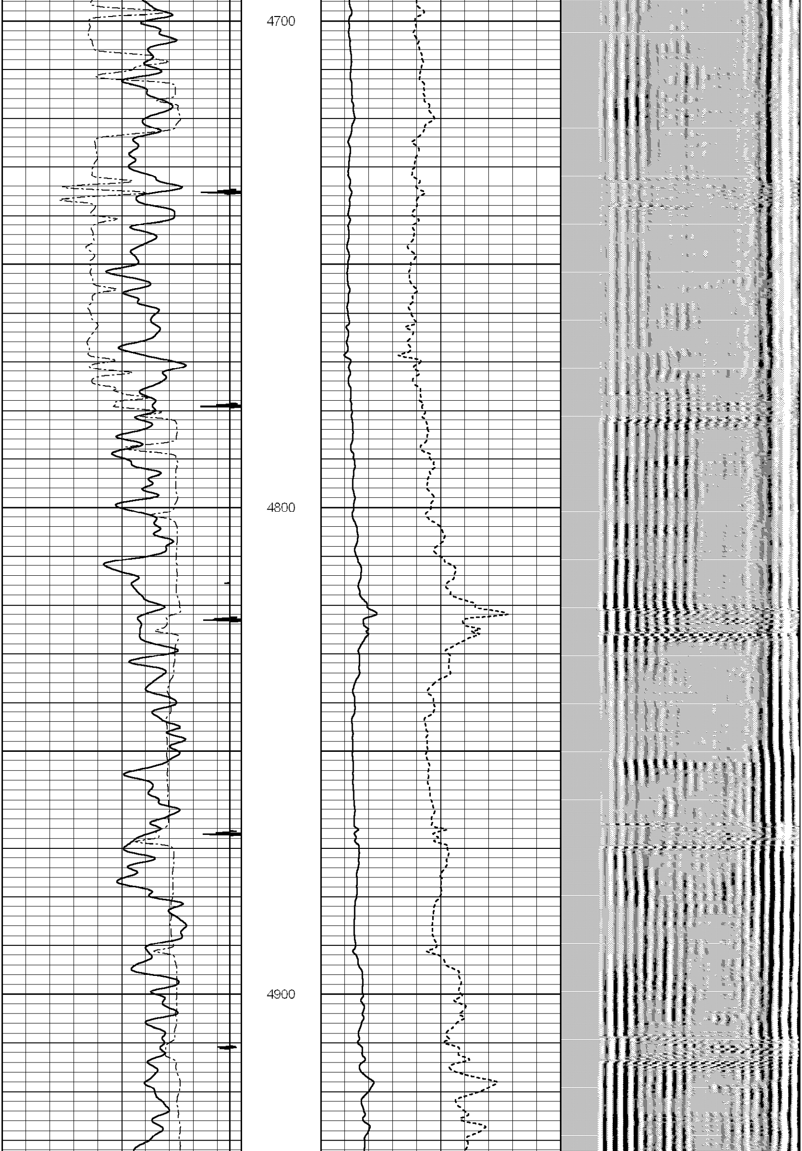


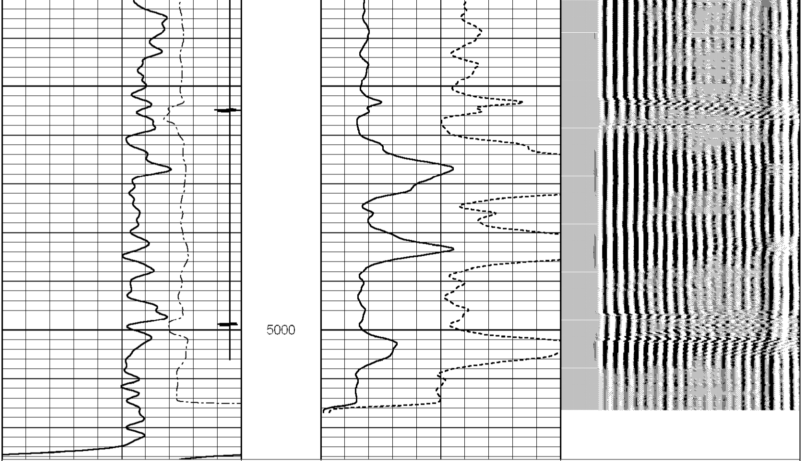








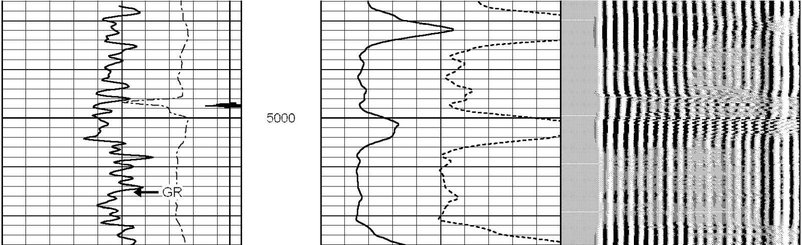


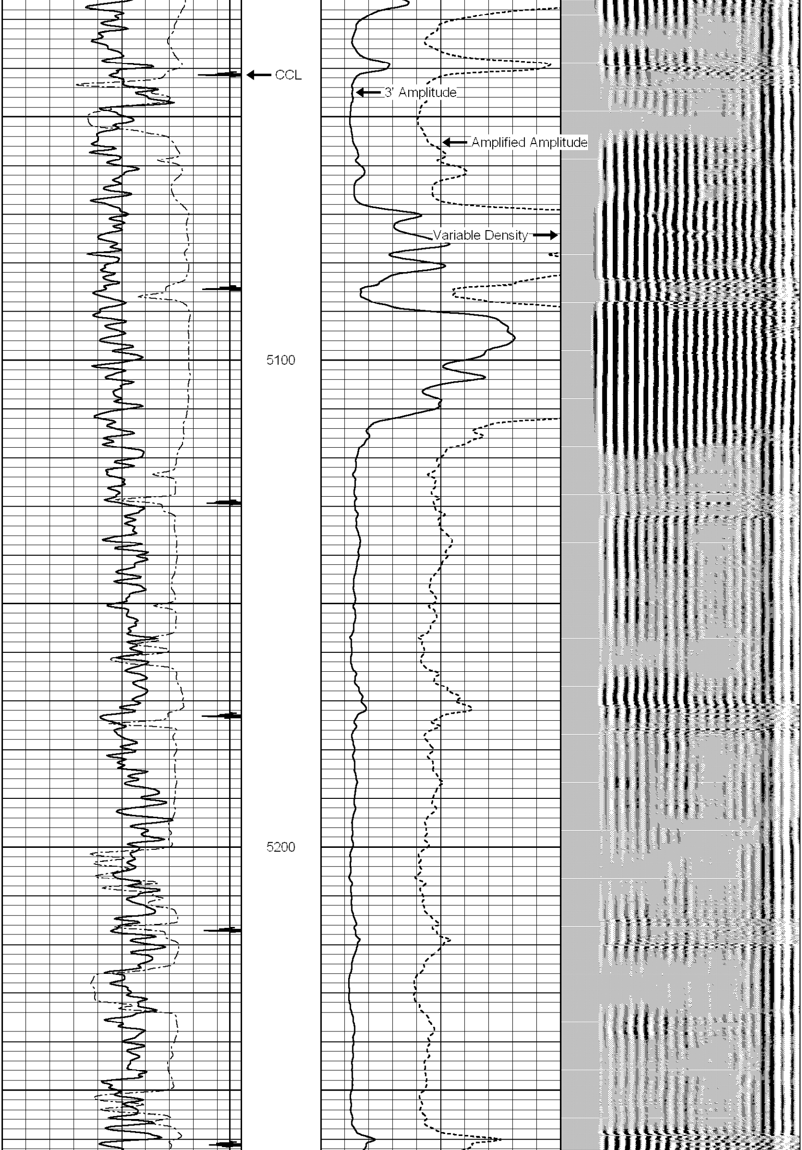


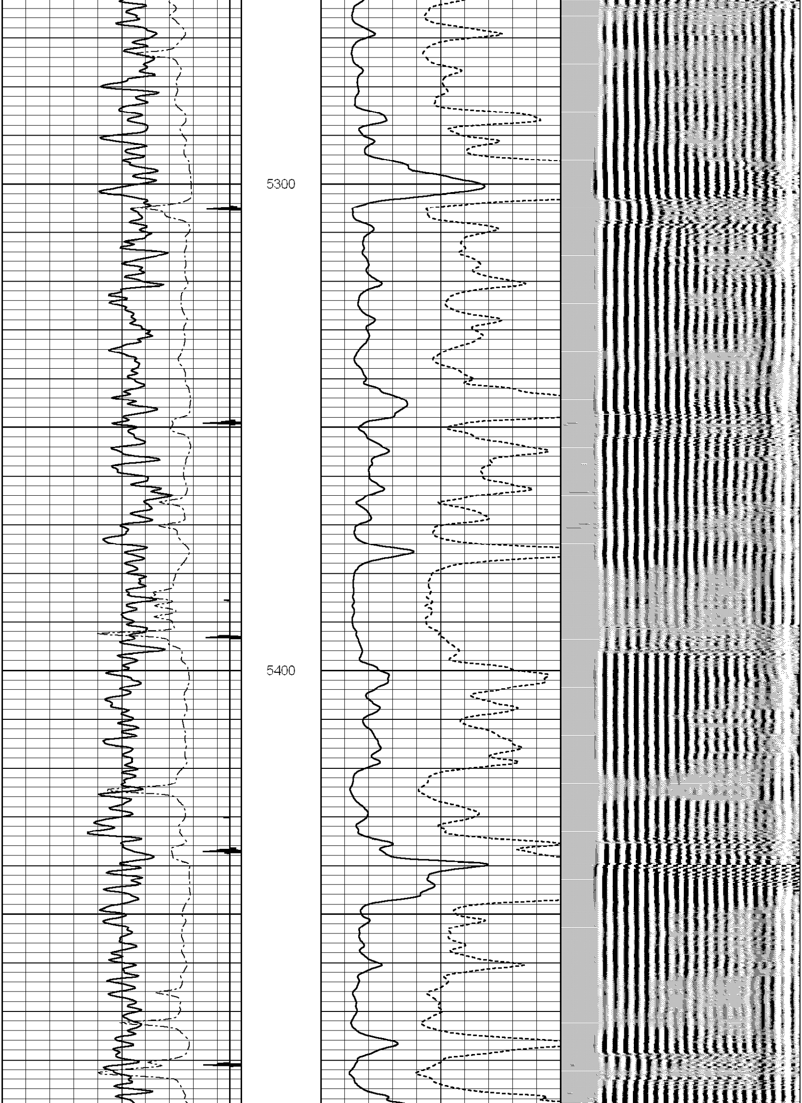
30	Gamma Ray (GAPI)	130	0	3' Amplitude (mV)	100	200	Variable Density	1200
5	Collar Locator	-0.25	0	Amplified Amplitude (mV)	30			
300	TT3 (usec)	200						

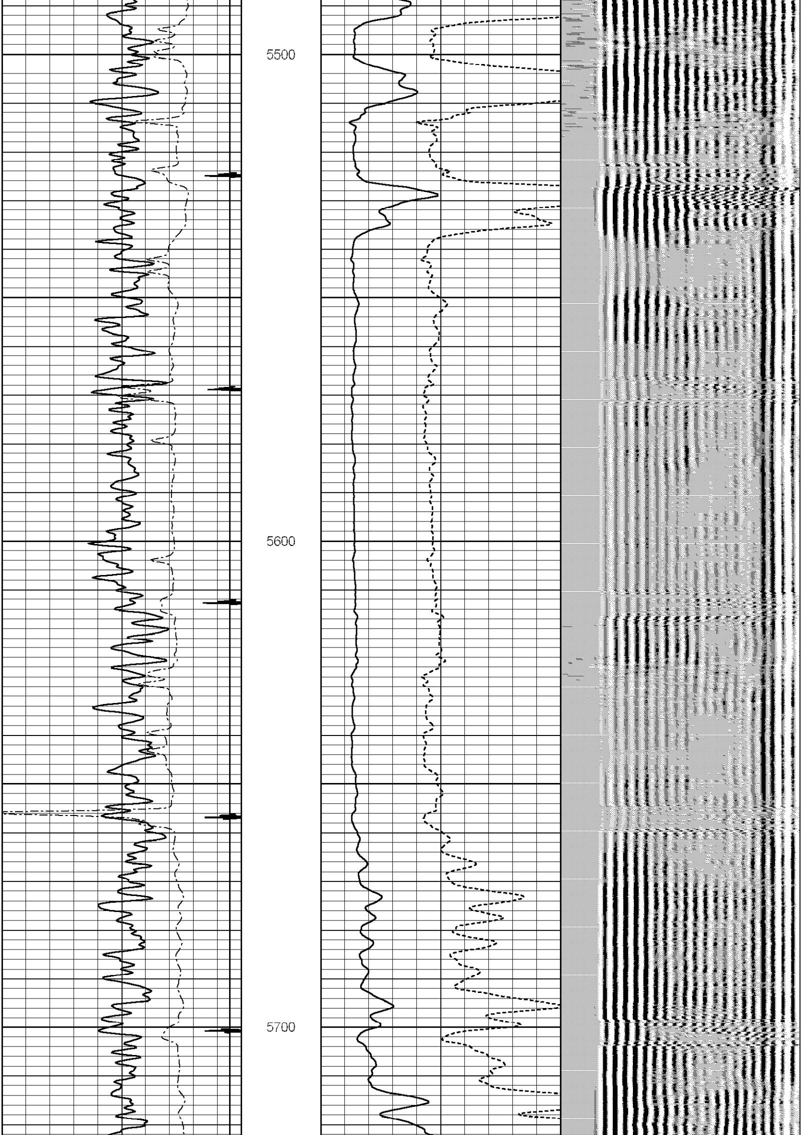
Database File: antelope21-29.db
Dataset Pathname: pass1
Presentation Format: cblx
Dataset Creation: Wed May 18 09:07:26 2011 by Log Std Casedhole 10121
Charted by: Depth in Feet scaled 1:240

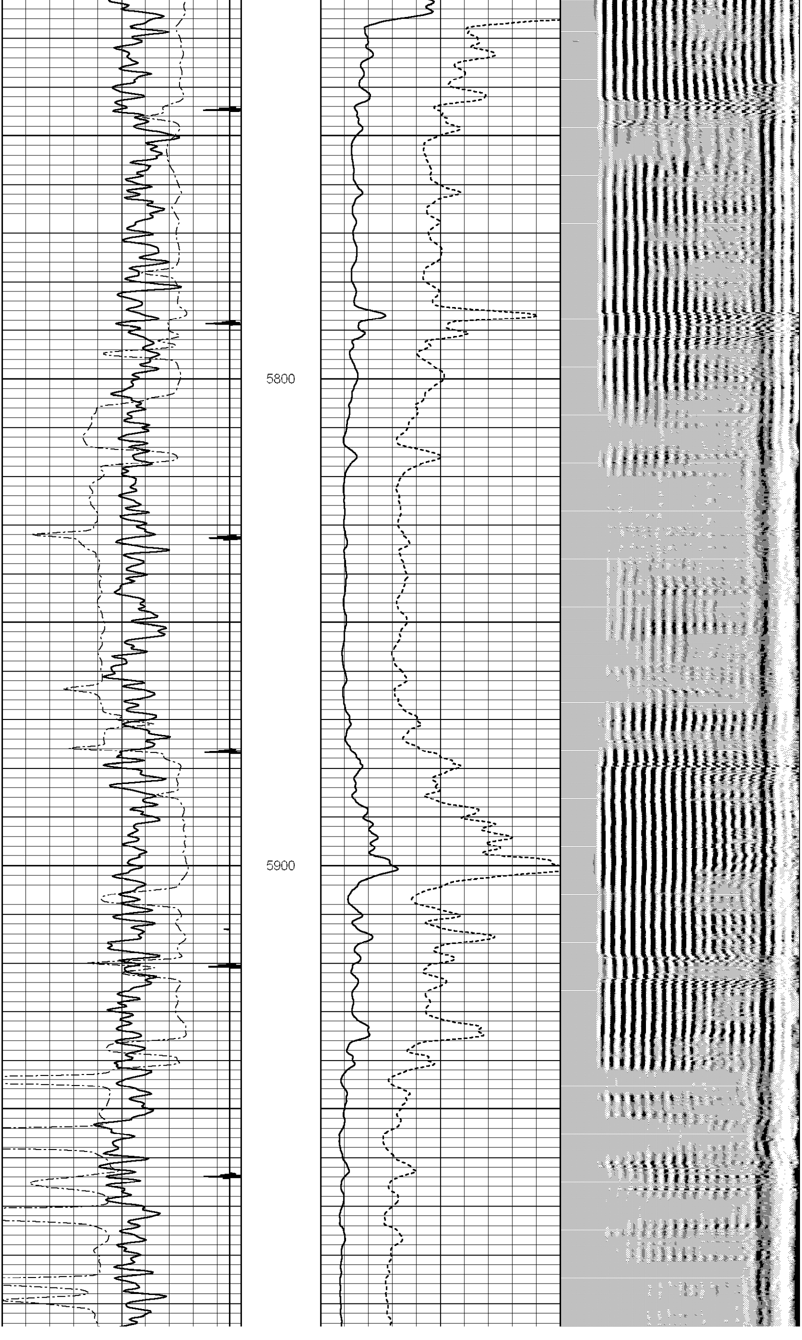
0	Gamma Ray (GAPI)	180	0	3' Amplitude (mV)	100	200	Variable Density	1200
5	Collar Locator	-0.25	0	Amplified Amplitude (mV)	30			
300	TT3 (usec)	200						

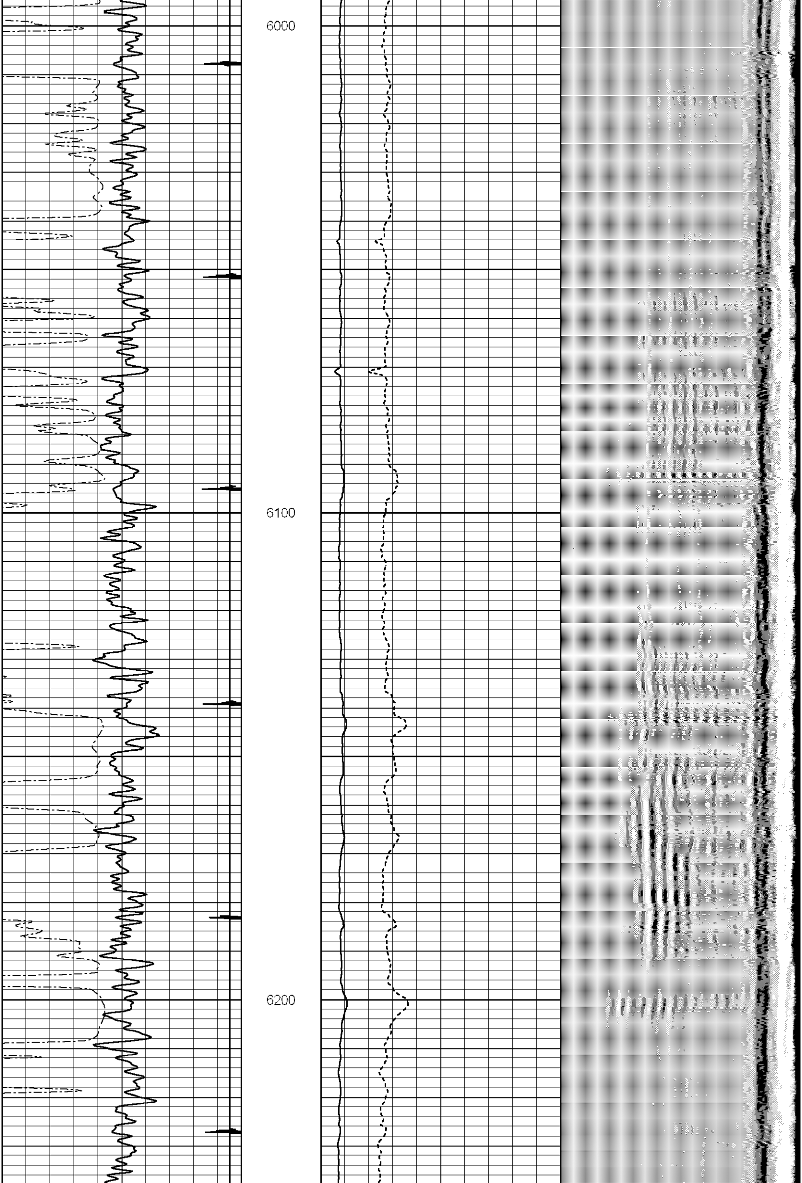


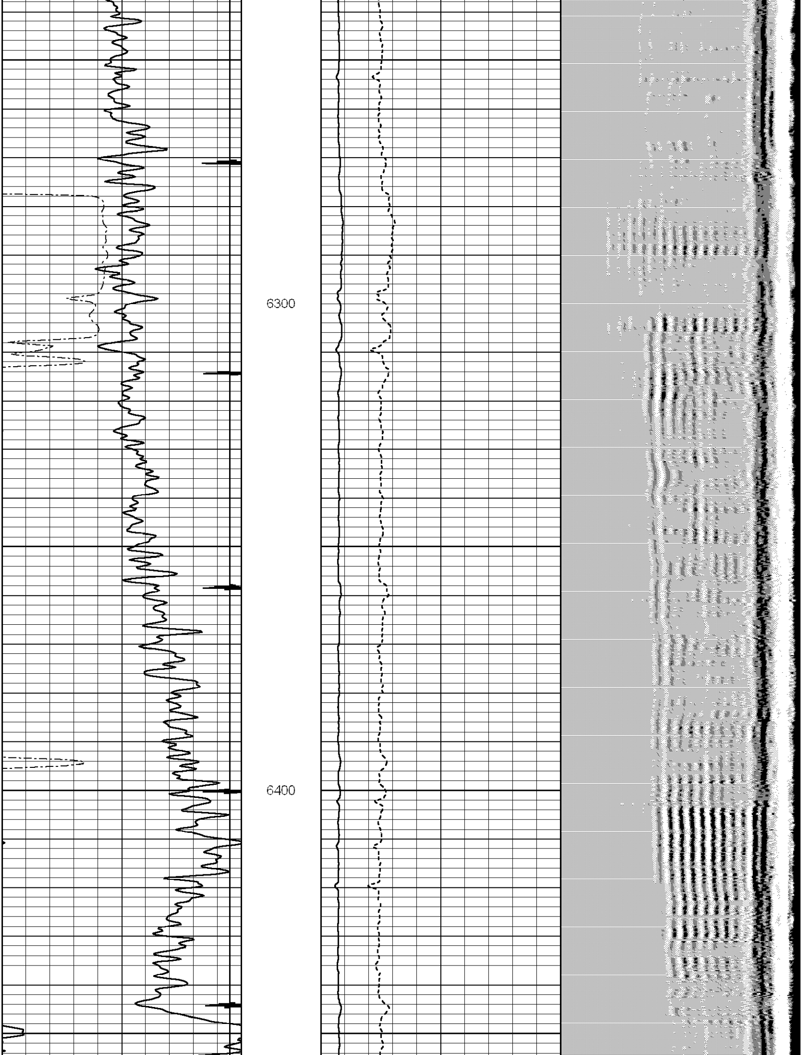


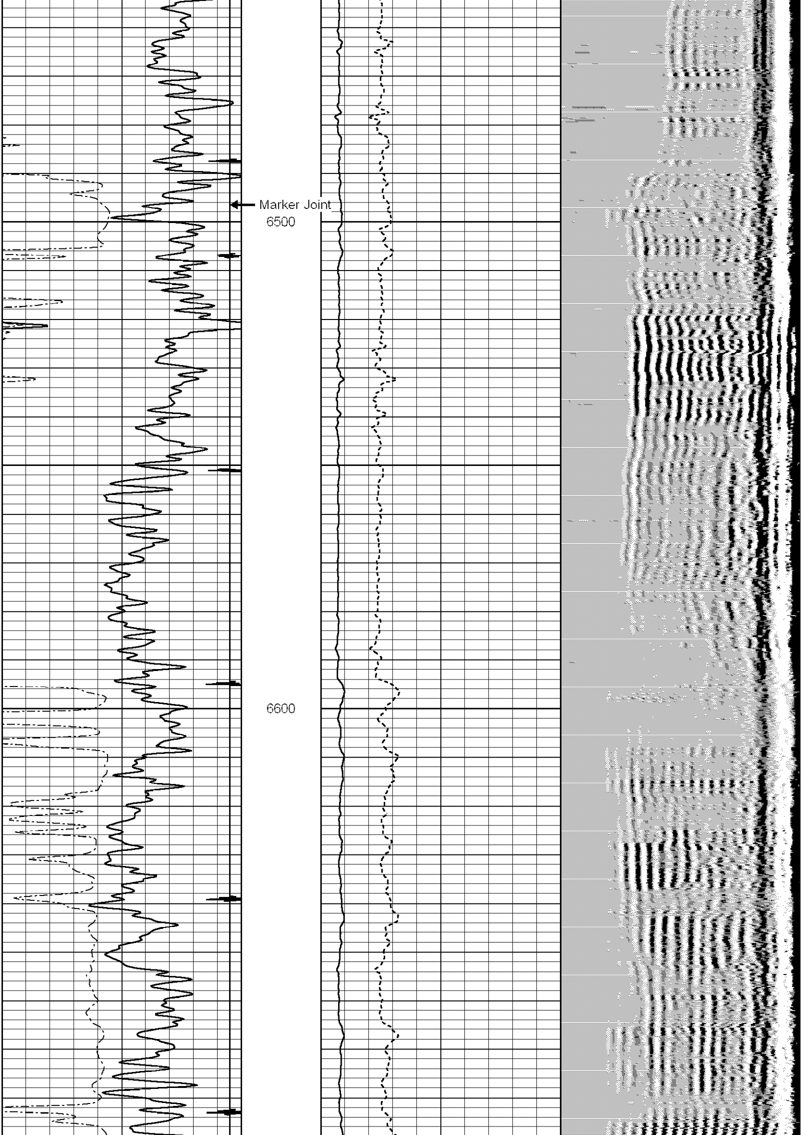


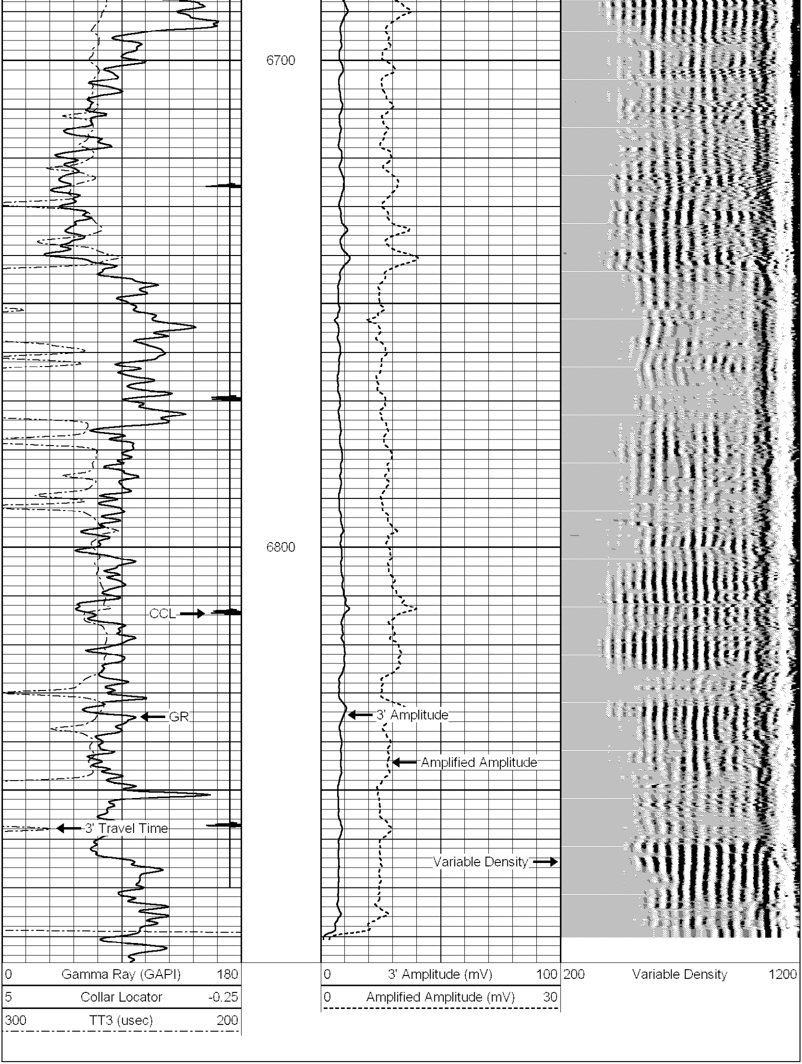





6000
6100
6200


6300
6400


Marker Joint
6500
6600


6700
6800
CCL
GR
3' Travel Time
3' Amplitude
Amplified Amplitude
Variable Density
0 Gamma Ray (GAPI) 180
5 Collar Locator -0.25
300 TT3 (usec) 200
0 3' Amplitude (mV) 100
0 Amplified Amplitude (mV) 30
200 Variable Density 1200