BWWC
Black Warrior Wireline Corporation

SECTOR BOND LOG

Company SG INTERESTS LTD
Well PASCO SPADAFORA
Field BULL MOUNTAIN
County GUNNISON
State COLORADO

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Well PASCO SPADAFORA
Field BULL MOUNTAIN
County GUNNISON State COLORADO

Location: API # : 05-051-06102-00

455'FNL& 510'FEL SEC 27 T11S R90W

SEC 27 TWP 11S RGE 90W

Other Services

Permanent Datum	GROUND LEVEL	Elevation	N/A
Log Measured From	KELLY BUSHING		
Drilling Measured From	KELLY BUSHING		

Elevation
K.B. 19'
D.F. N/A
G.L. N/A

Date	11/28/11		
Run Number	ONE		
Depth Driller	5241'		
Depth Logger	5192'		
Bottom Logged Interval	5192		
Top Log Interval	220'		
Open Hole Size	8.5		
Type Fluid	WATER		
Density / Viscosity	N/A		
Max. Recorded Temp.	168		
Estimated Cement Top	3624'		
Time Well Ready	9:30		
Time Logger on Bottom	10:30		
Equipment Number	6944		
Location	GRAND JUNCTION		
Recorded By	CORY BURNS		
Witnessed By	BILL PAGE		

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

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	9 5/8	40#	SURFACE	460'
Prot. String				
Production String	5 1/2	17#	SURFACE	5241'
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

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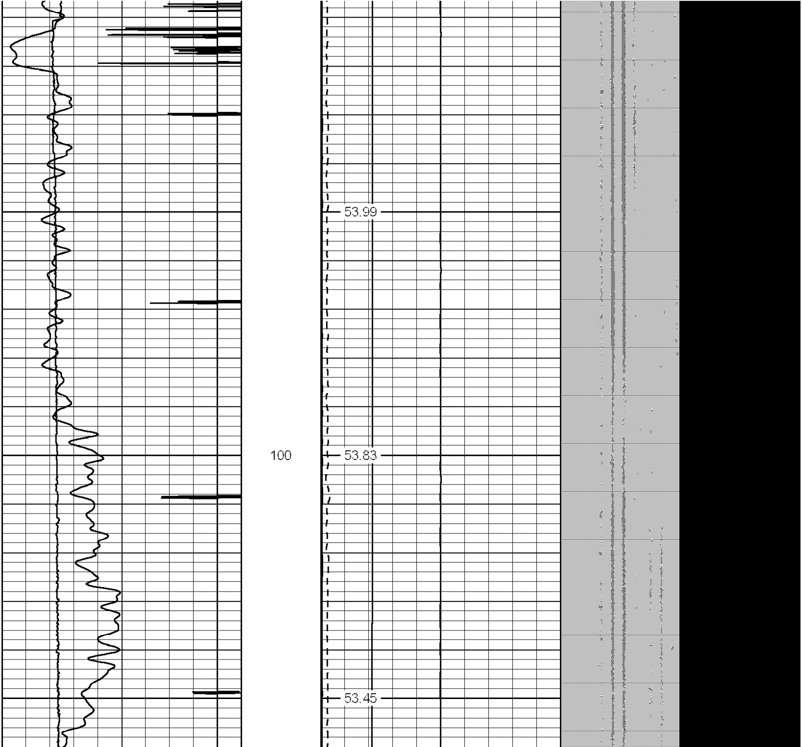
MAIN PASS

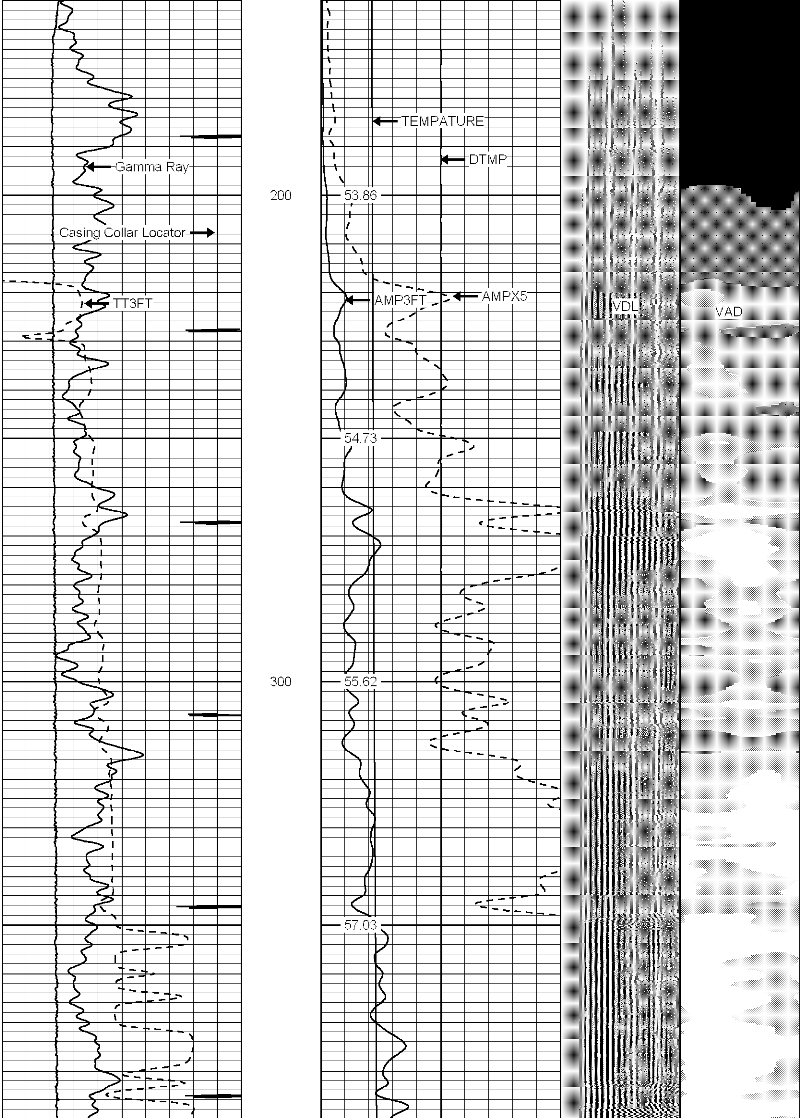
Database File: pasco spadafora #3.db
Dataset Pathname: pass22
Presentation Format: 1scbtvad
Dataset Creation: Mon Nov 28 10:51:37 2011 by Log Std Casedhole 09061
Charted by: Depth in Feet scaled 1:240

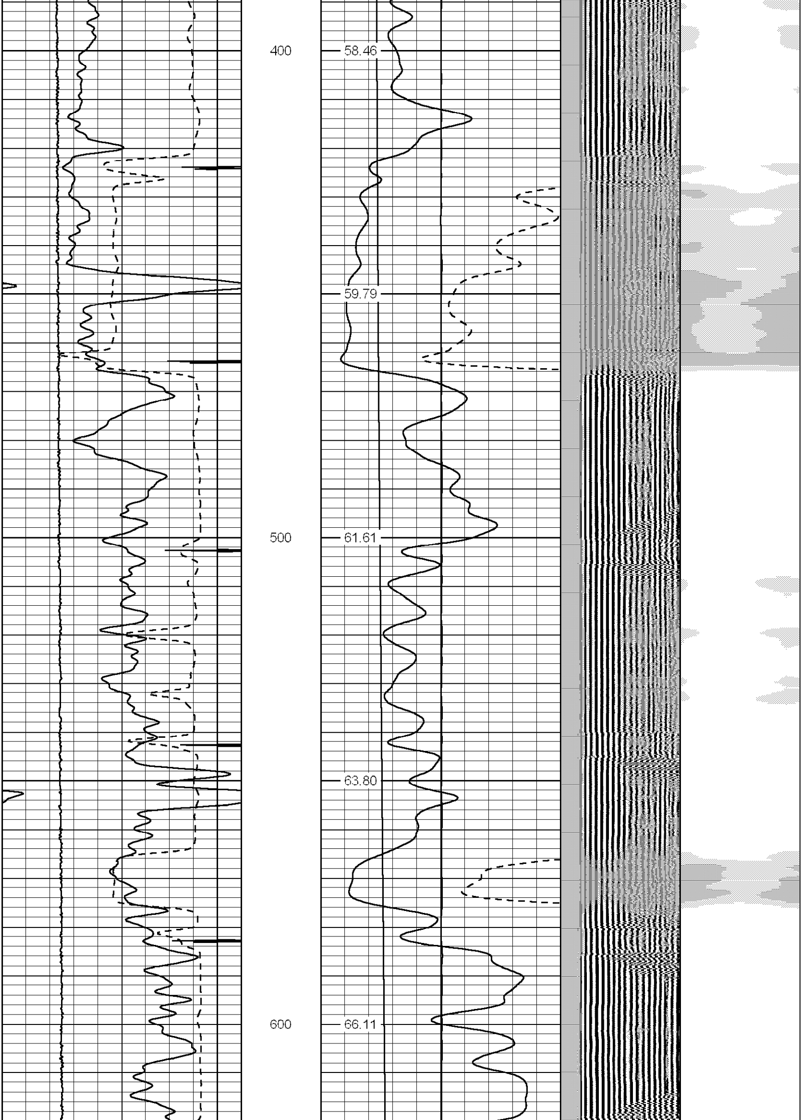
0 Gamma Ray (GAPI) 150
9 Casing Collar -1
325 TT3FT (usec) 225
0 LTEN (lb) 2000

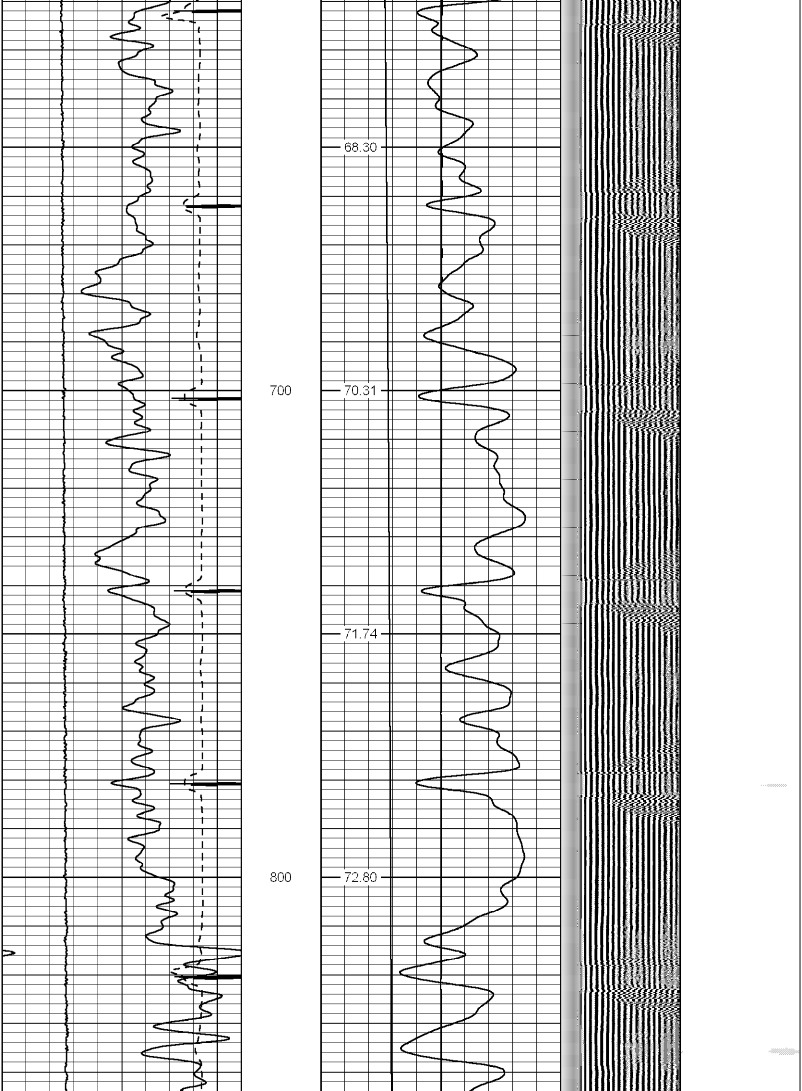
0 AMP3FT (mV) 100
0 AMPX5 (mV) 20
0 TEMP (degF) 250
-5 DTMP (degF) 5
TEMPATURE (degF)

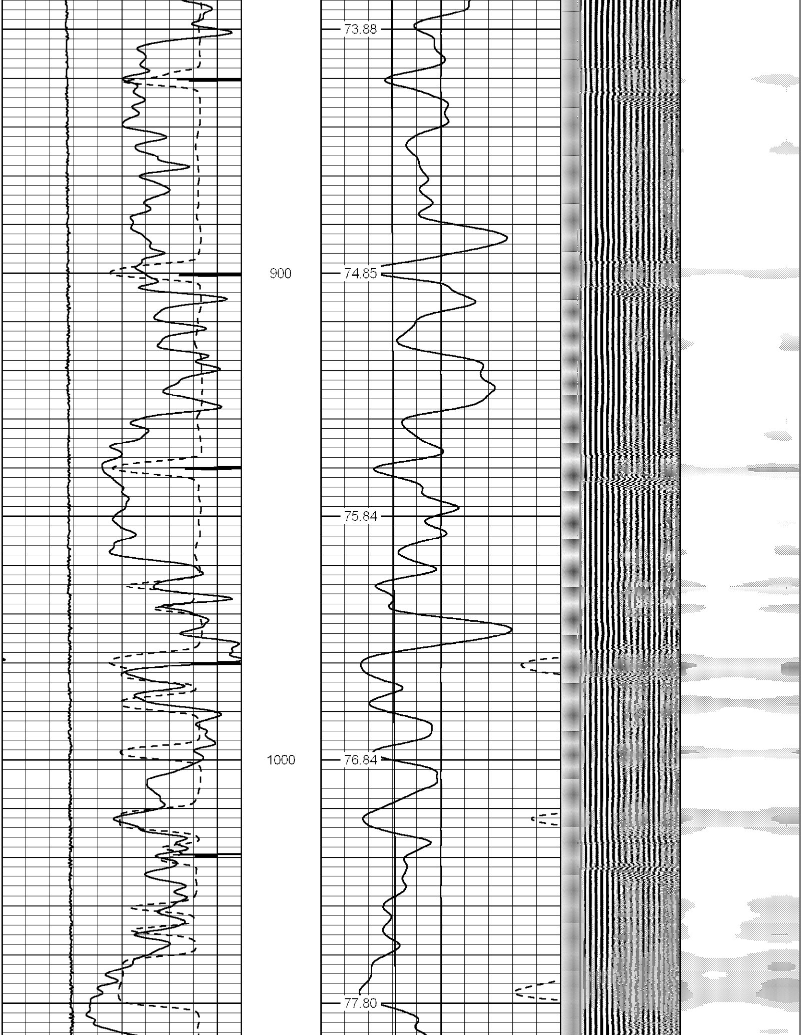
200 VDL 1200
1 VAD 8

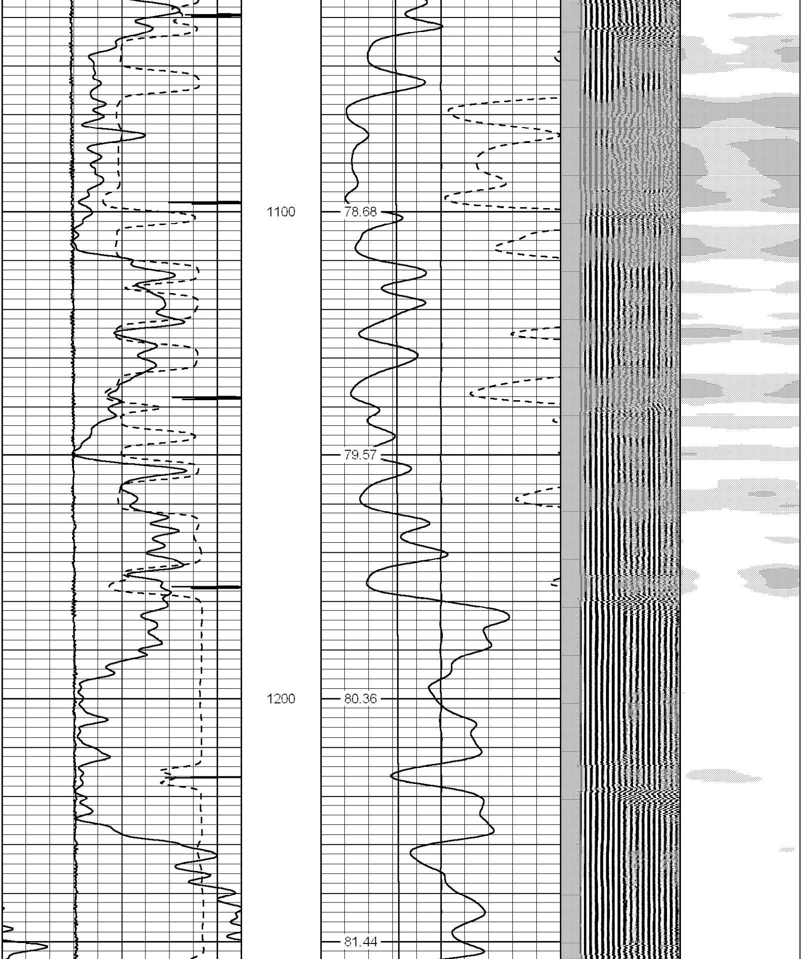


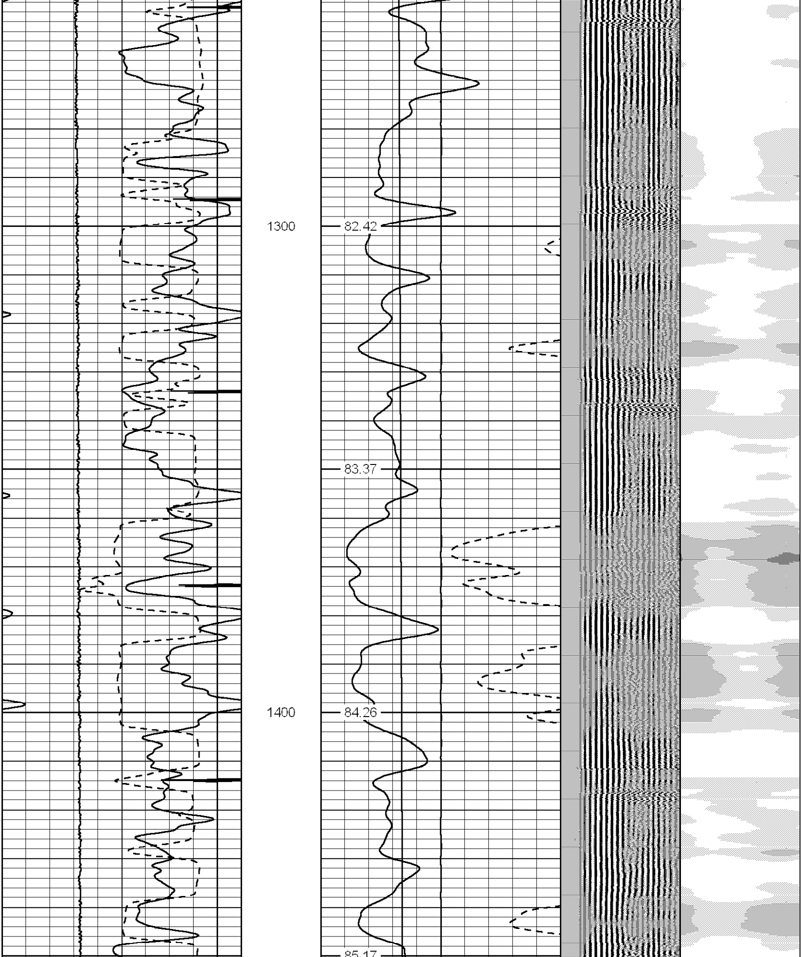


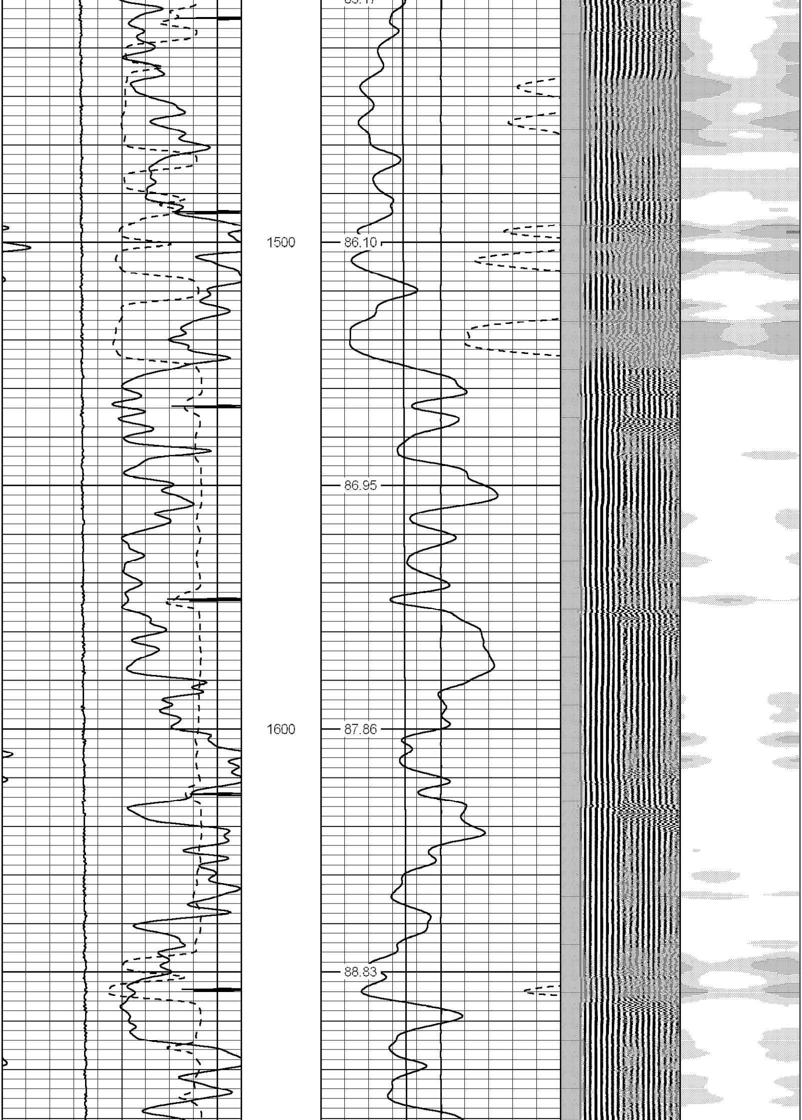


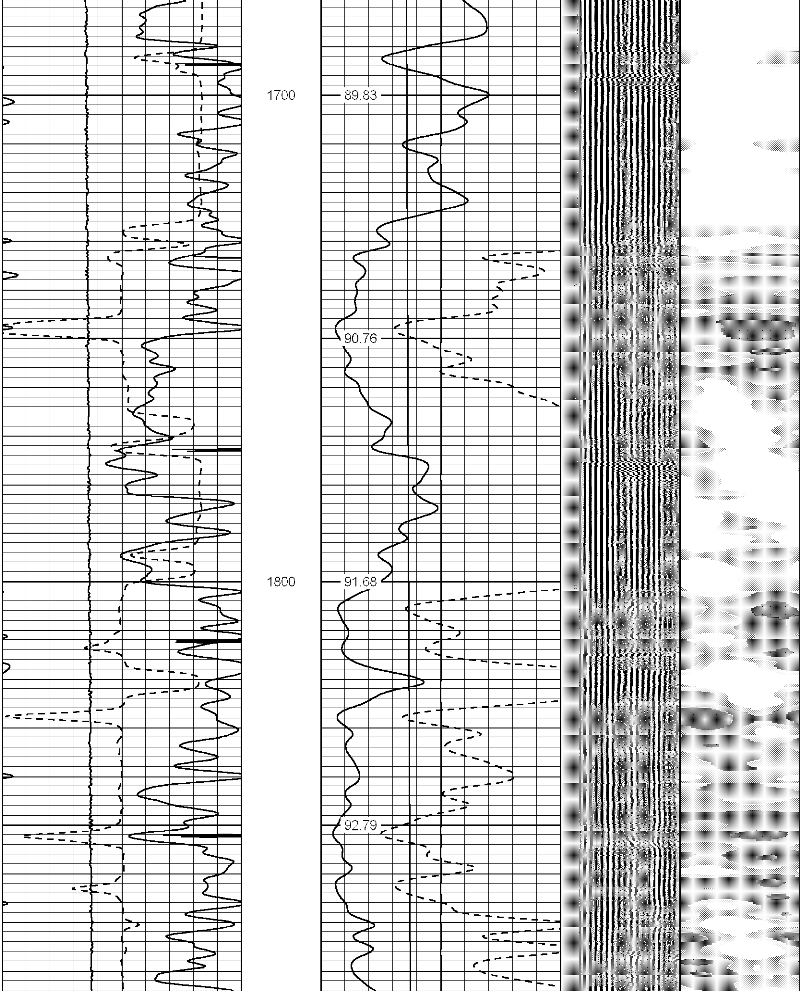


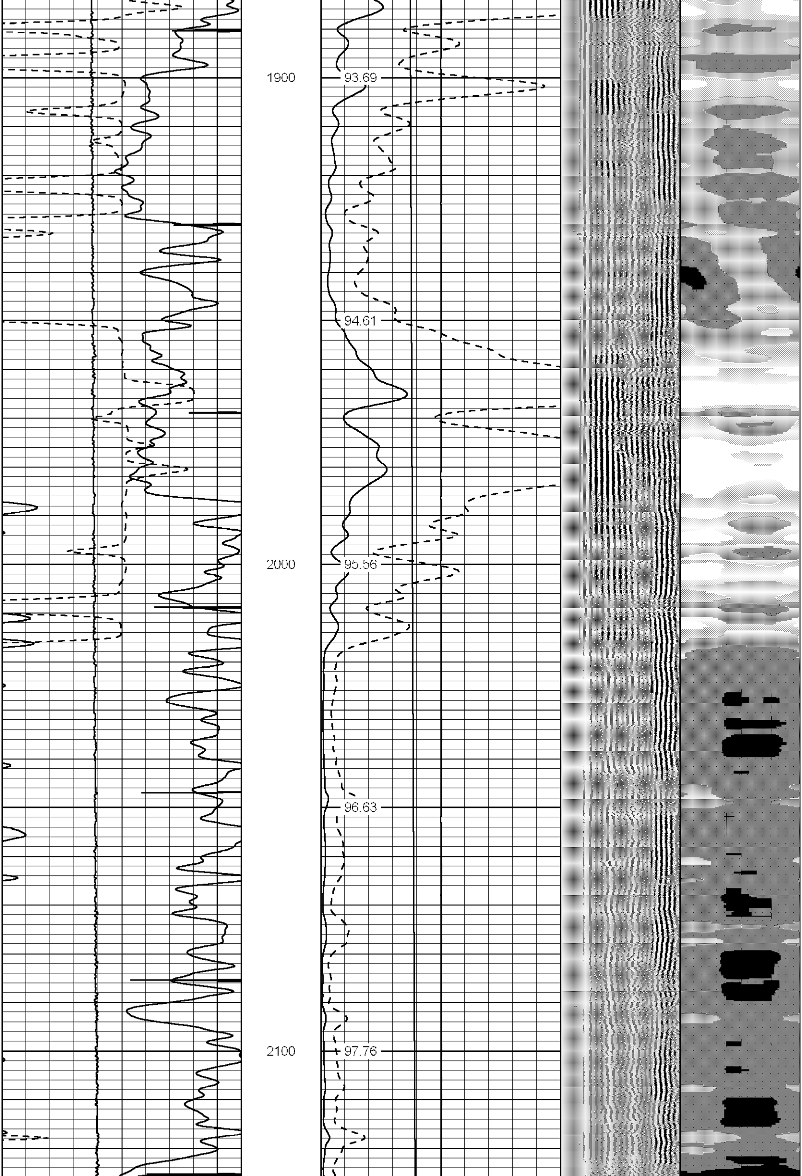


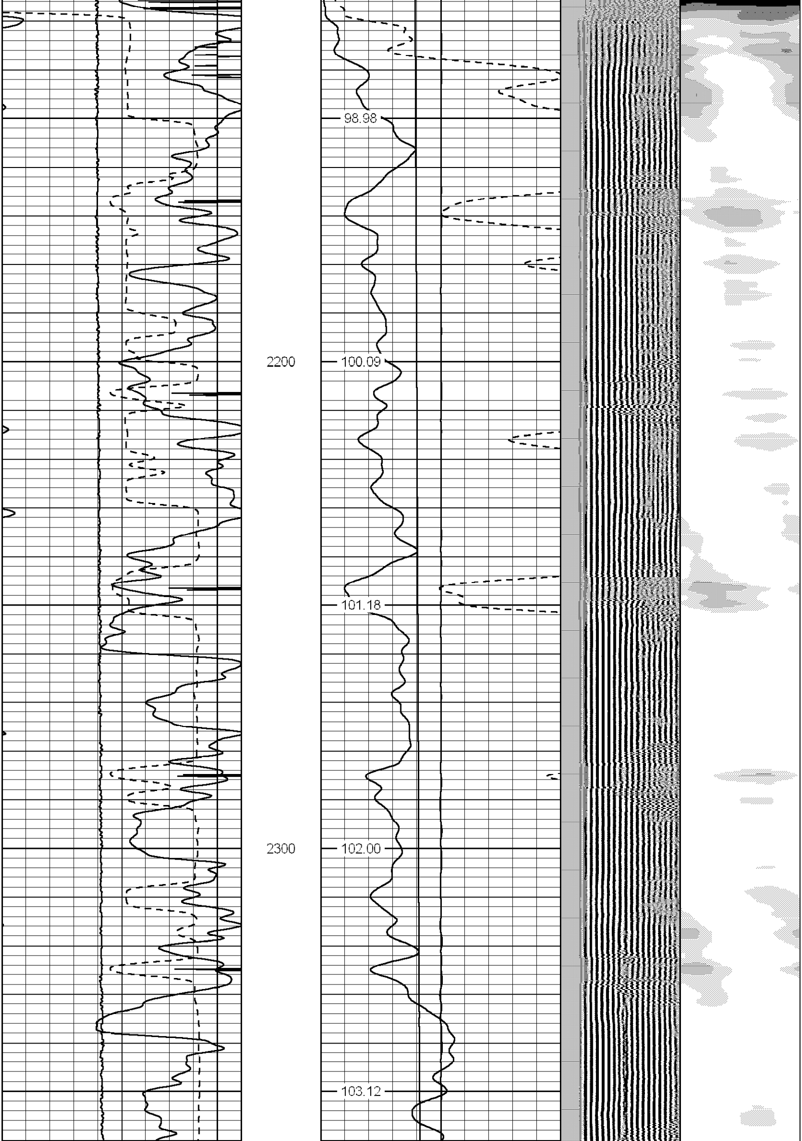


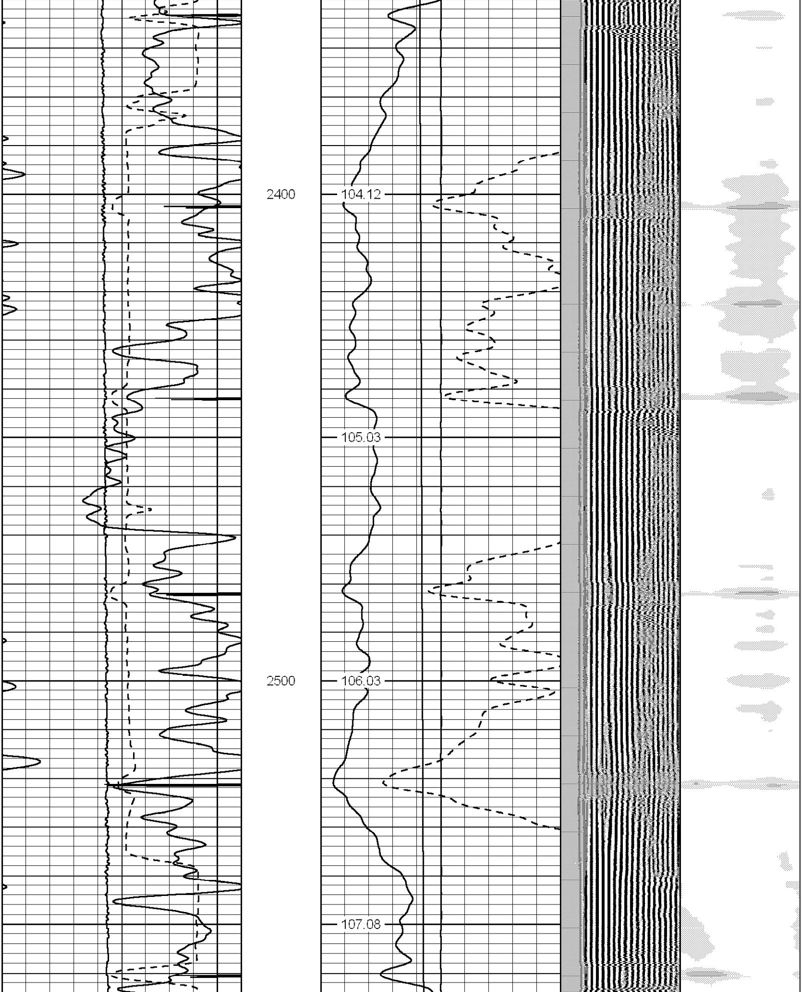


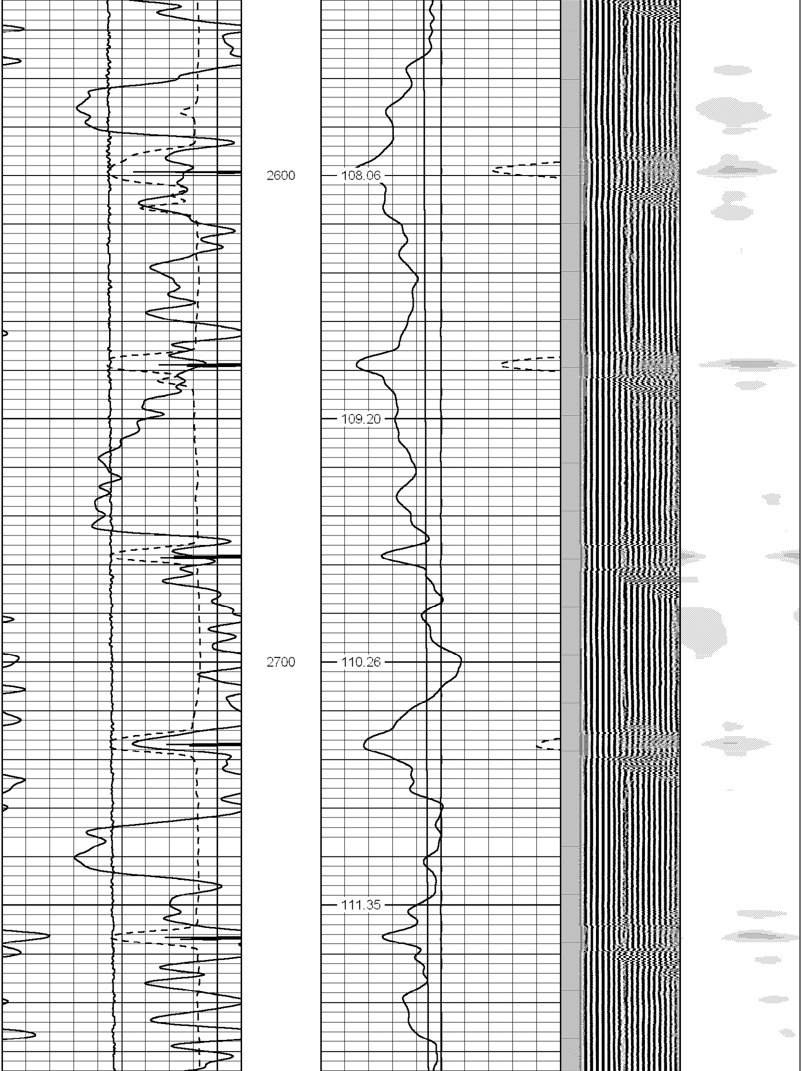


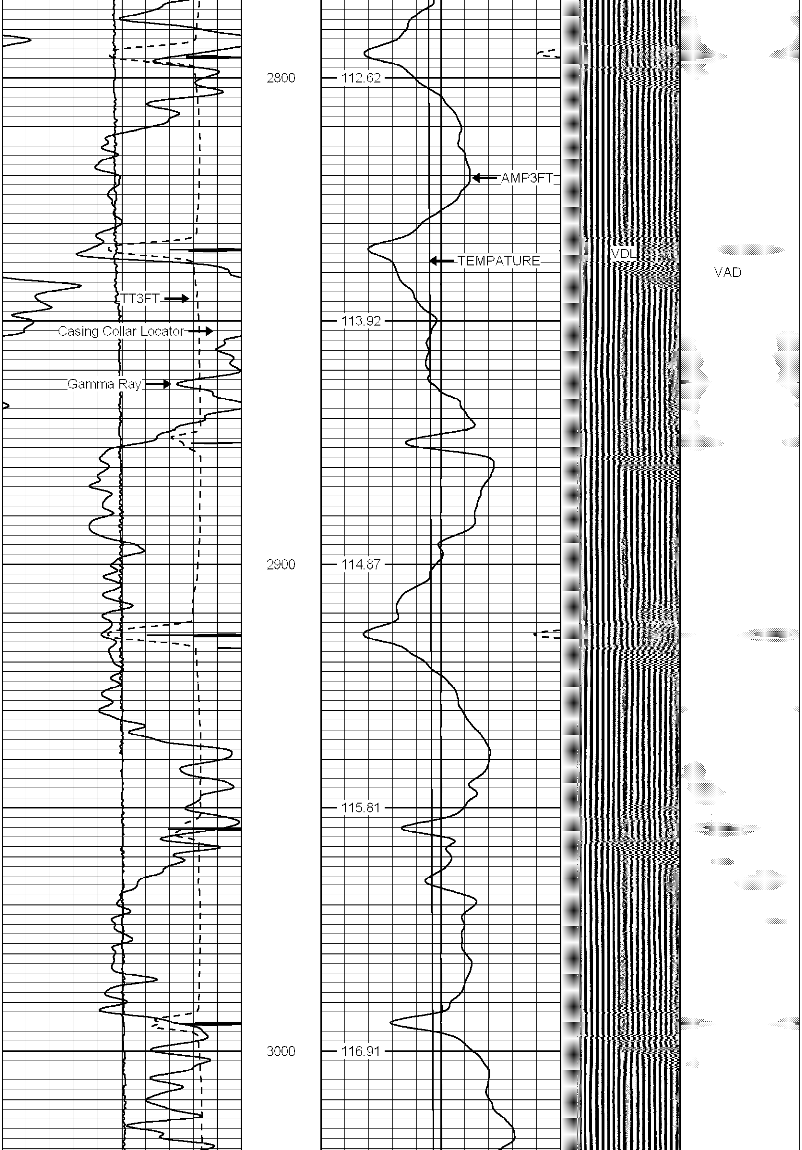


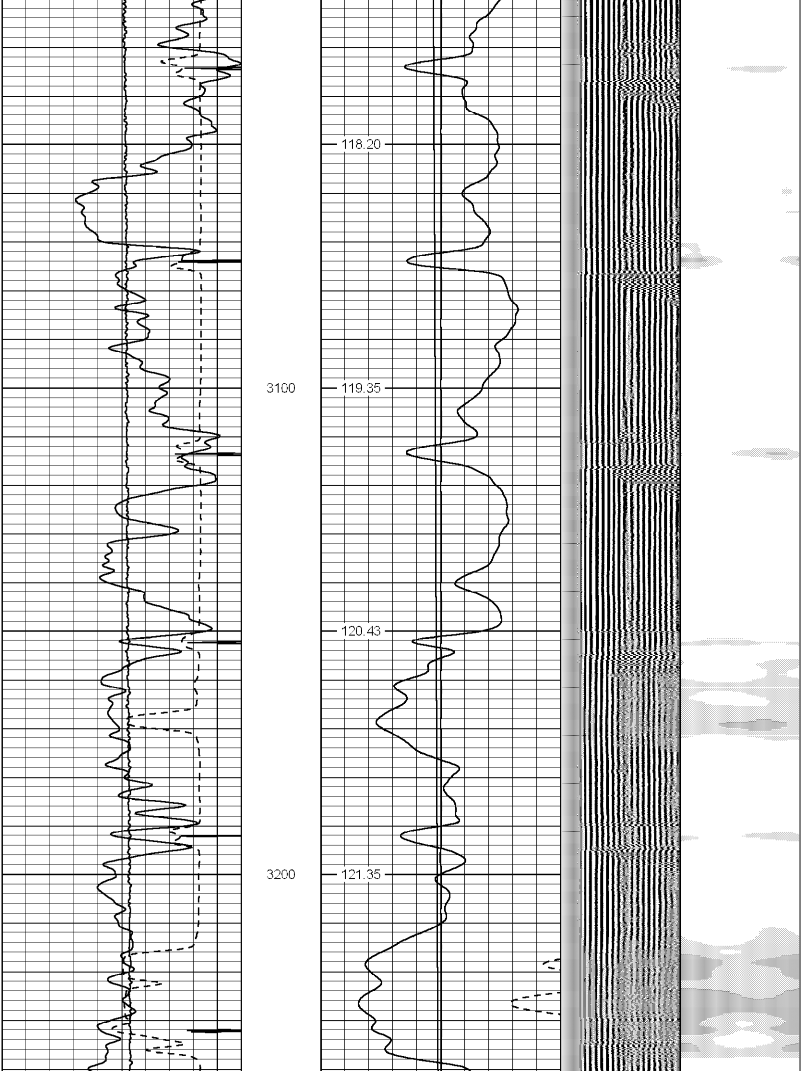


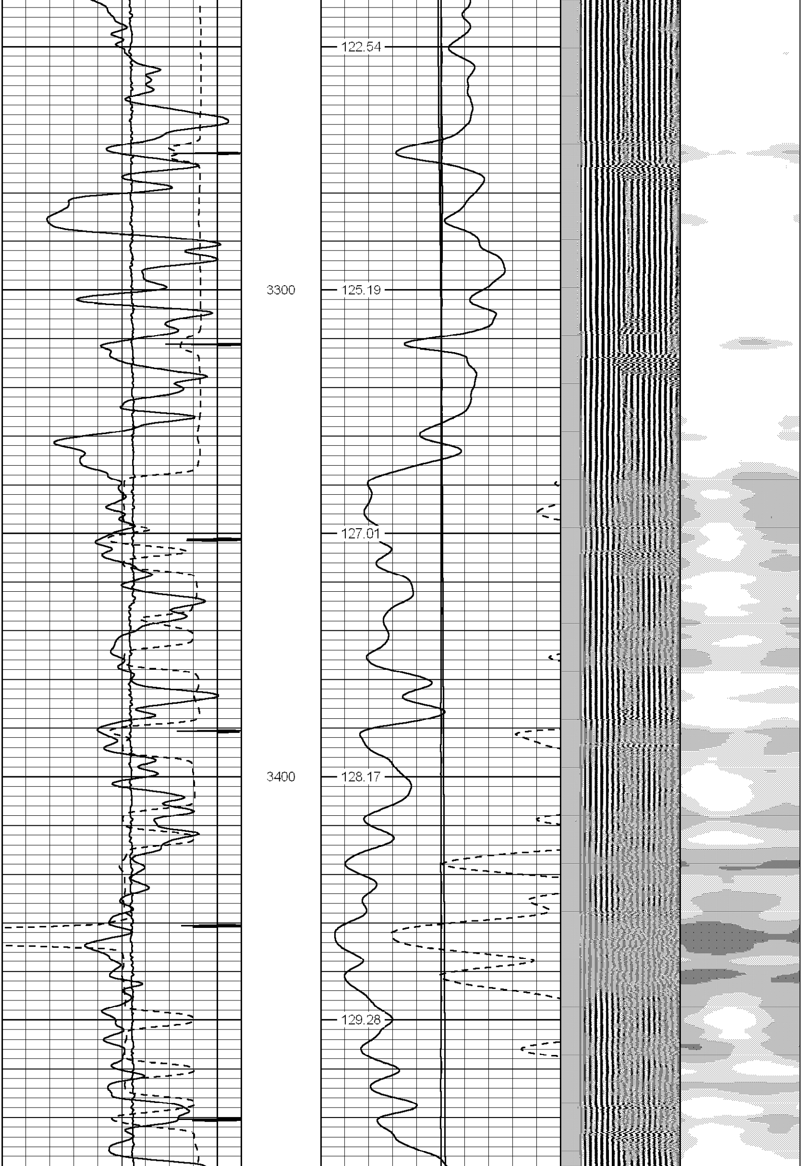


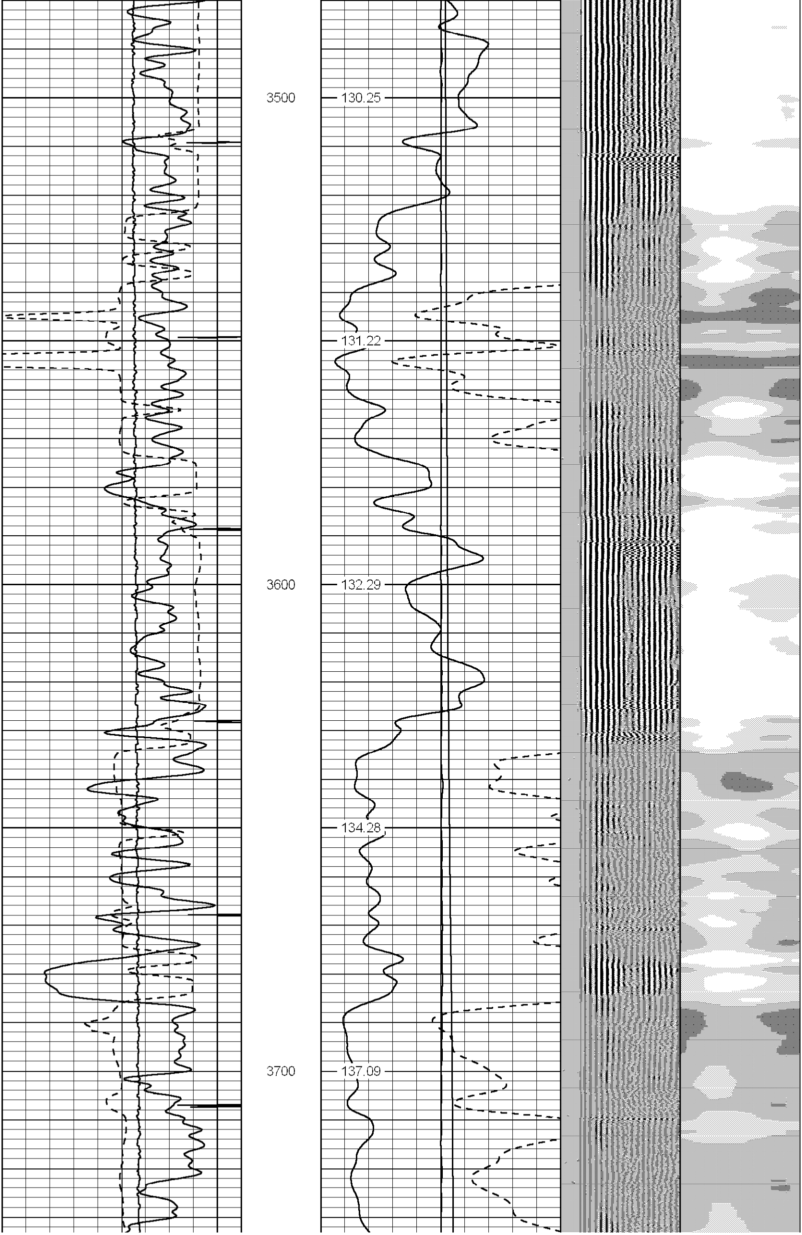








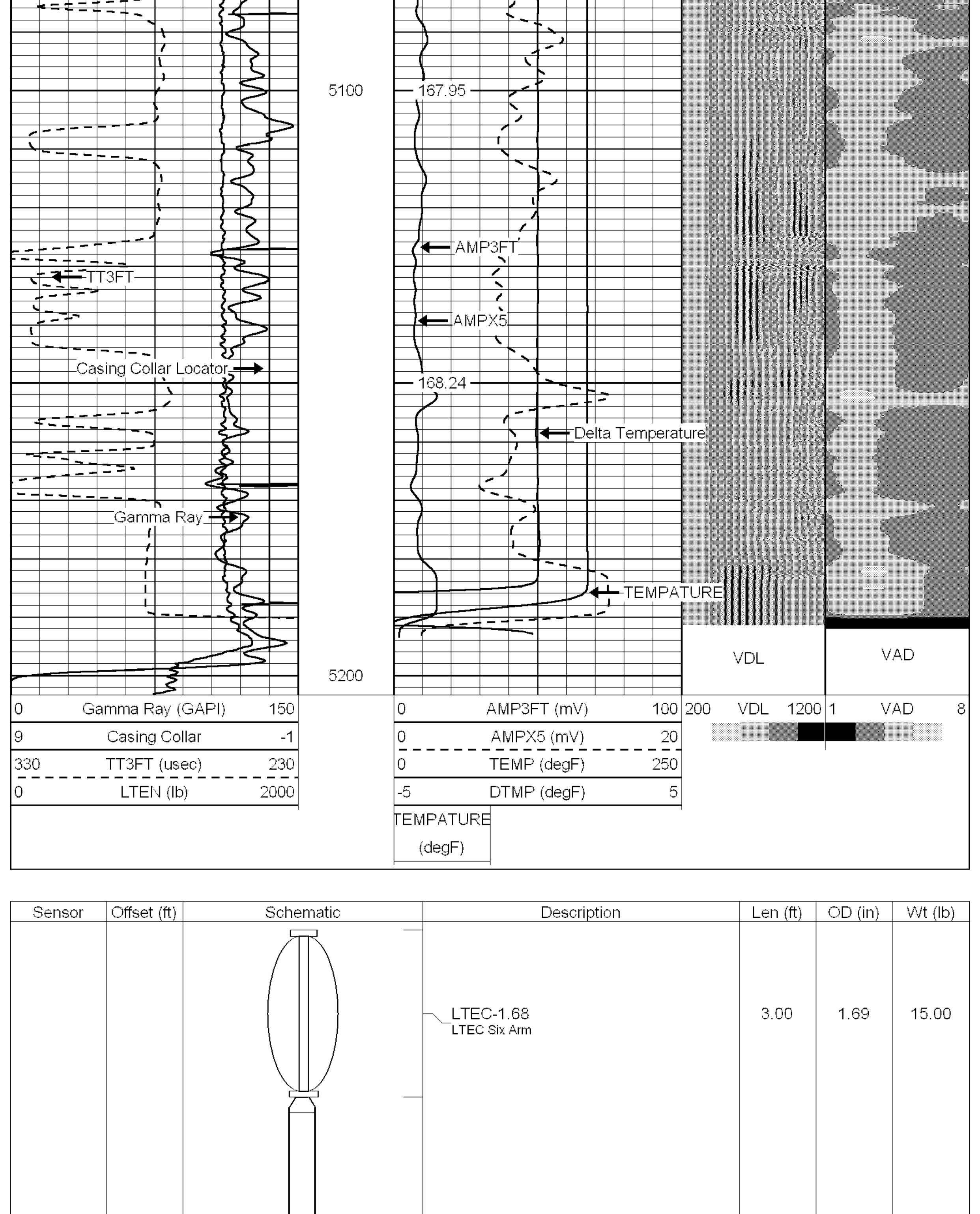




0	Gamma Ray (GAPI)	150	0	AMP3FT (mV)	100	200	VDL	1200	1	VAD	8
9	Casing Collar	-1	0	AMPX5 (mV)	20						
325	TT3FT (usec)	225	0	TEMP (degF)	250						
0	LTEN (lb)	2000	-5	DTMP (degF)	5						
				TEMPATURE (degF)							

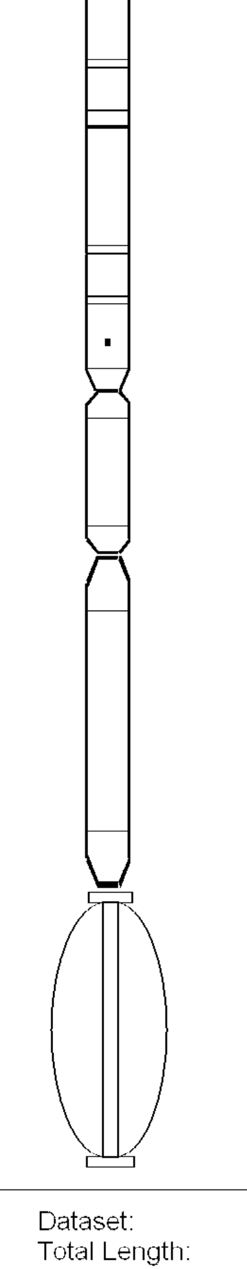
Database File: pasco spadafora #3.db
Dataset Pathname: pass21
Presentation Format: 1scbtvad
Dataset Creation: Mon Nov 28 10:44:52 2011 by Log Std Casedhole 09061
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray (GAPI)	150	0	AMP3FT (mV)	100	200	VDL	1200	1	VAD	8
9	Casing Collar	-1	0	AMPX5 (mV)	20						
330	TT3FT (usec)	230	0	TEMP (degF)	250						
0	LTEN (lb)	2000	-5	DTMP (degF)	5						
				TEMPATURE (degF)							



0	Gamma Ray (GAPI)	150	0	AMP3FT (mV)	100	200	VDL	1200	1	VAD	8
9	Casing Collar	-1	0	AMPX5 (mV)	20						
330	TT3FT (usec)	230	0	TEMP (degF)	250						
0	LTEN (lb)	2000	-5	DTMP (degF)	5						
				TEMPATURE (degF)							

Schematic



Sensor	Offset (ft)
TEMP	14.85
WVFS1	13.56
WVFS2	13.56
WVFS3	13.56
WVFS4	13.56
WVFS5	13.56
WVFS6	13.56
WVFS7	13.56
WVFS8	13.56
WVF3FT	12.81
WVFCAL	12.81
WVF5FT	11.81
WVFTEMP	8.47
WVFSYNC	8.47
CCL	7.29
GR	4.00

Description	Len (ft)	OD (in)	Wt (lb)
LTEC-1.68 LTEC Six Arm	3.00	1.69	15.00
SCBL100T-Tekco100T (100T-002)	9.13	0.00	
CCL-Tekco105 (105-003)	1.81	2.75	15.00
GR-Tekco110 (110-004)	3.66	2.75	25.00
LTEC-1.68 LTEC Six Arm	3.00	1.69	15.00

Dataset: pasco spadafora #3.db: field/well/run1/pass22
Total Length: 20.60 ft
Total Weight: 70.00 lb
O.D.: 2.75 in