PIONEER
Pioneer Energy Services

VDL CCL GAMMA RAY CEMENT BOND LOG

Company	GREAT WESTERN OIL AND GAS
Well	PETERSON CX GH 30-26D
Field	WATTENBERG
County	WELD
State	CO
Country	USA

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API # : 05123361510000

Location:
SHL: 1387' FNL & 2262' SWNE
BHL: 34' FNL & FEL NENE

SEC 30 TWP 5N RGE 63W

Other Services

Permanent Datum	GL	Elevation 4572	Elevation K.B. 4586 D.F. 4585 G.L. 4572
Log Measured From	KB		
Drilling Measured From	KB		

Date	JANUARY 22, 2013
Run Number	1
Depth Driller	7354
Depth Logger	7272
Bottom Logged Interval	7260
Top Log Interval	30
Open Hole Size	7 7/8
Type Fluid	WATER
Density / Viscosity	NA
Max. Recorded Temp.	200 F
Estimated Cement Top	NA
Time Well Ready	NA
Time Logger on Bottom	NA
Equipment Number	1
Location	FT. MORGAN, CO
Recorded By	RANDY AZEVEDO
Witnessed By	SHUAN ARMSTRONG

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				
Liner				

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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 OPEN HOLE LOG DATED JANUARY 5, 2013
WCR 61 & WCR 380 EAST 1 MILE, NORTH INTO
SO # 2-203528

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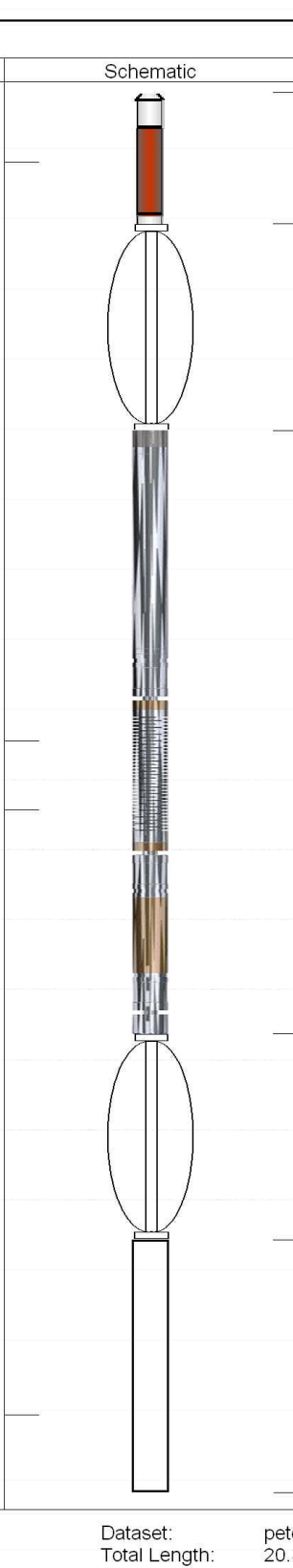
W O O E
O O
S

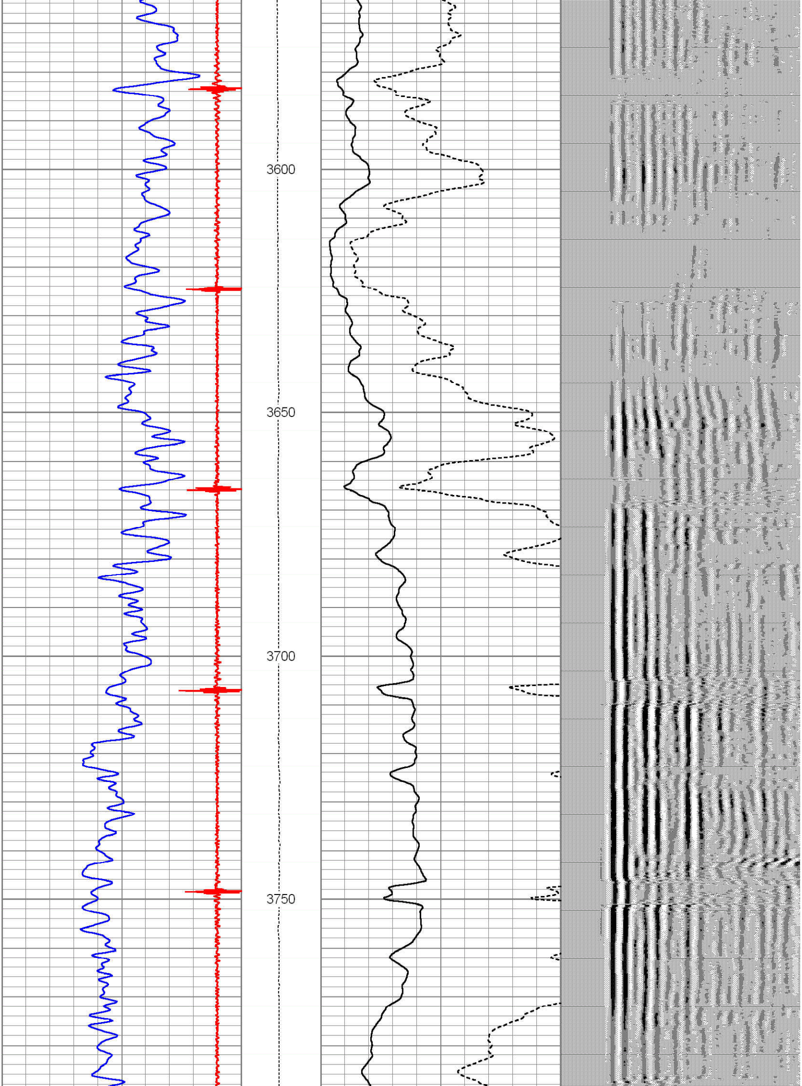
THANK YOU FOR USING PIONEER ENERGY SERVICES.

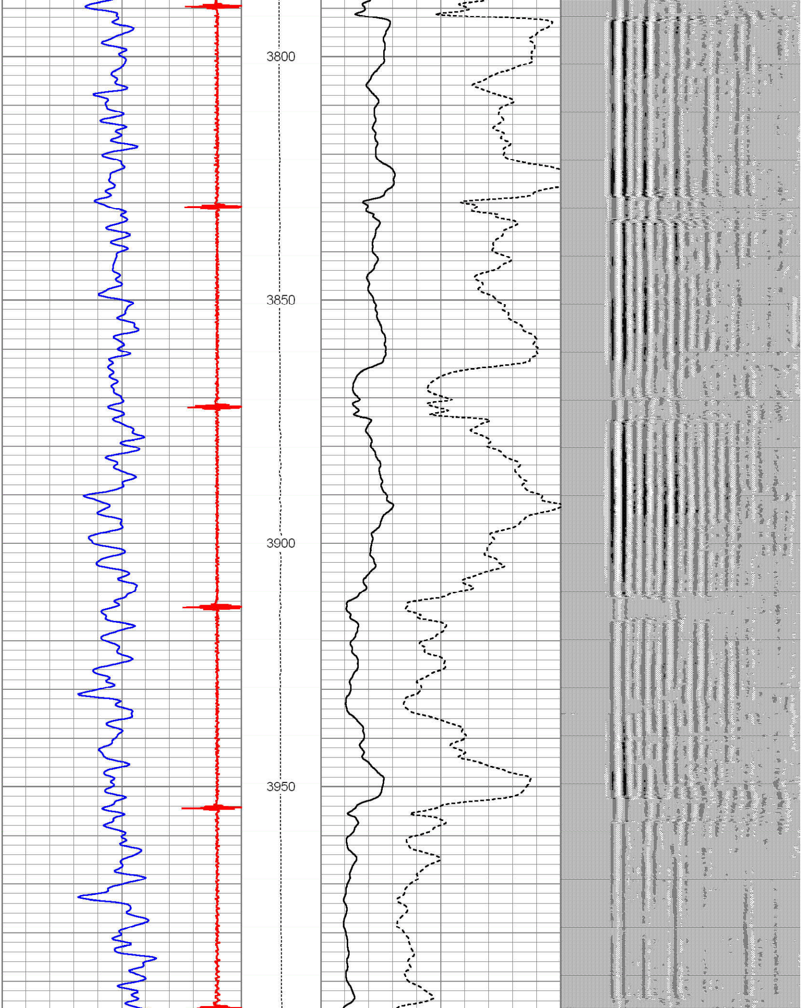
Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
CCL	19.31		CCL-titan01 (01t)	1.92	2.75	
			SDSCENT Centralizer for testing	3.00	3.25	20.00
WVF3 WVF5	10.92 9.92		CBL-Probe (050215) 2.75 digital probe	8.75	2.75	106.50
			SDSCENT Centralizer for testing	3.00	3.25	20.00
GR	1.13		GR-probe 2.75 (51013)	3.67	2.75	100.00

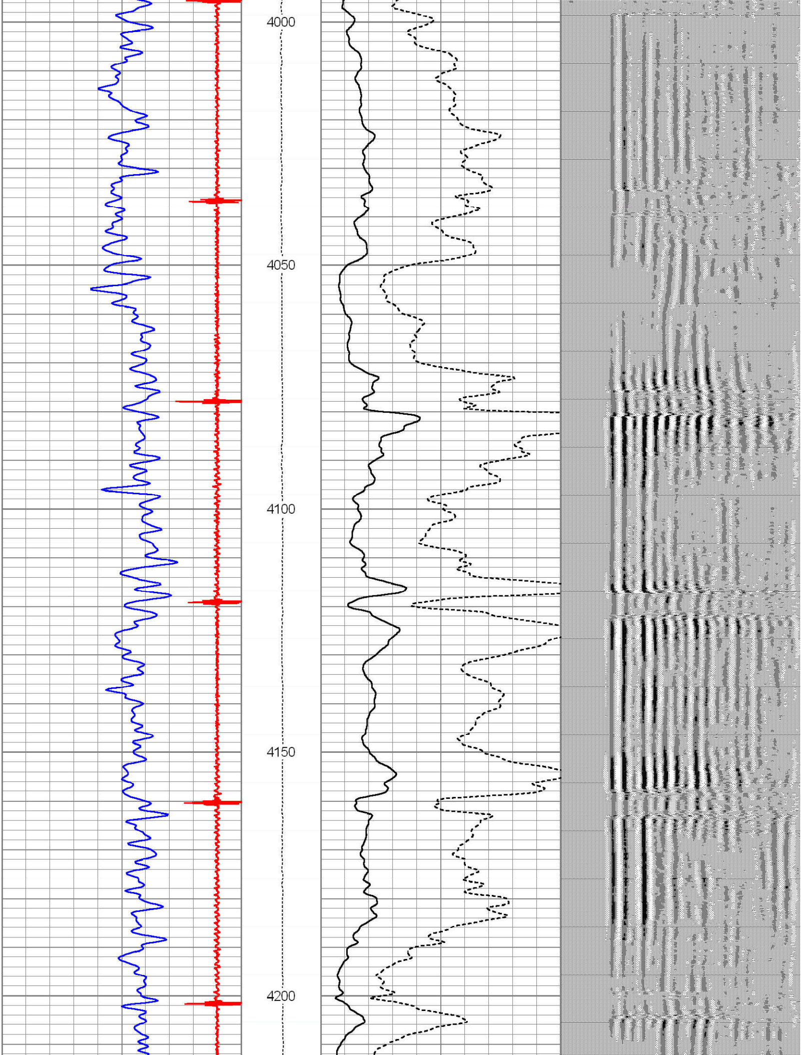
Dataset:	peterson 30-26d cbl.db: field/well/run1/pass4
Total Length:	20.33 ft
Total Weight:	246.50 lb
O.D.	3.25 in

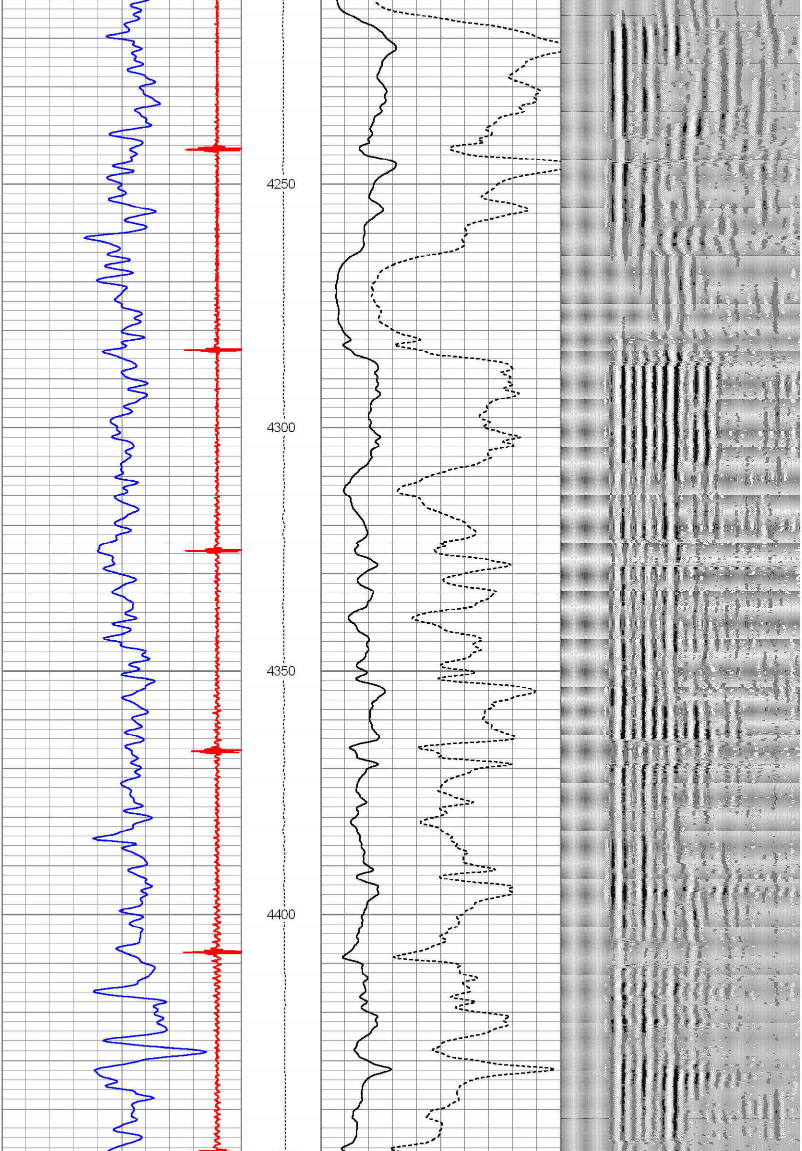
Database File:	peterson 30-26d cbl.db
Dataset Pathname:	pass4
Presentation Format:	cbl_dr
Dataset Creation:	Tue Jan 22 12:14:50 2013 by Log SCH 110722
Charted by:	Depth in Feet scaled 1:240

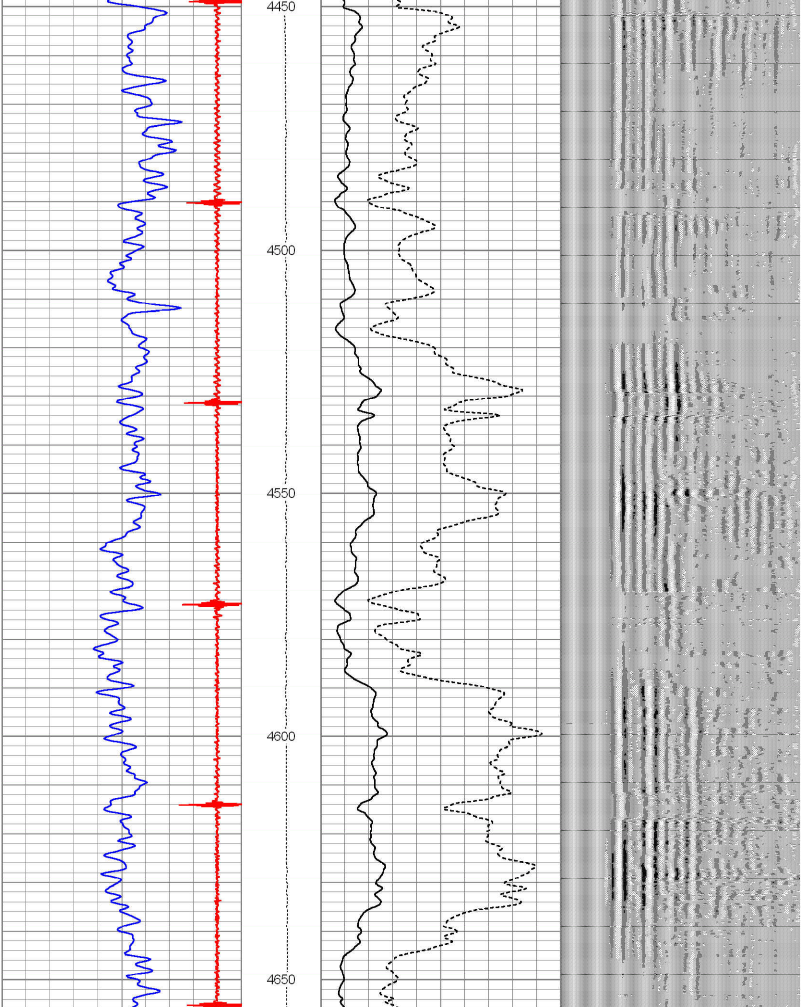
9 Collar Locator -1	LTEN	0 Amplified Amplitude (mV) 30	200 Variable Density 1200
0 Gamma Ray (GAPI) 130	0 (lb) 2000	0 Amplitude (mV) 100	

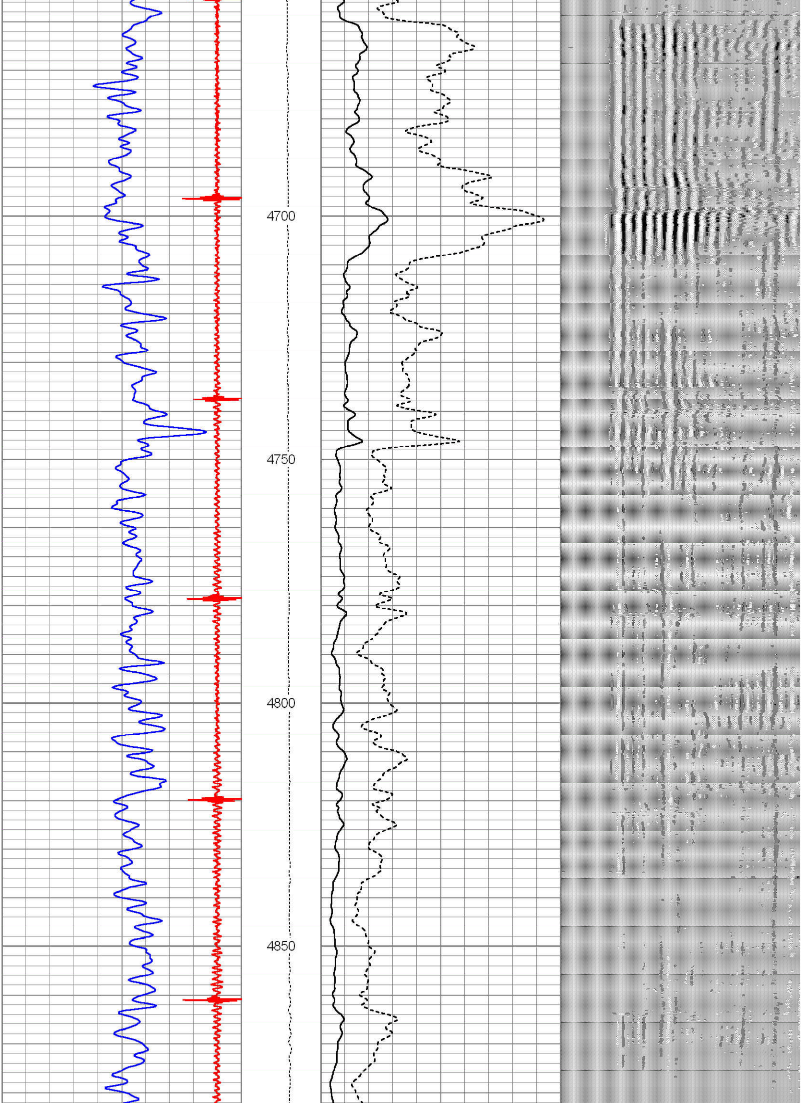


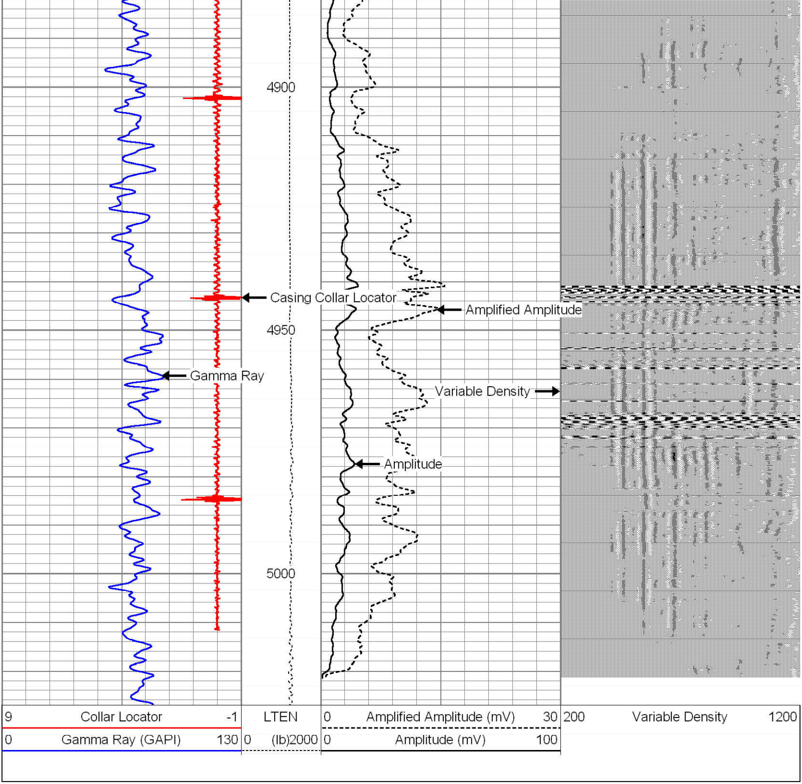




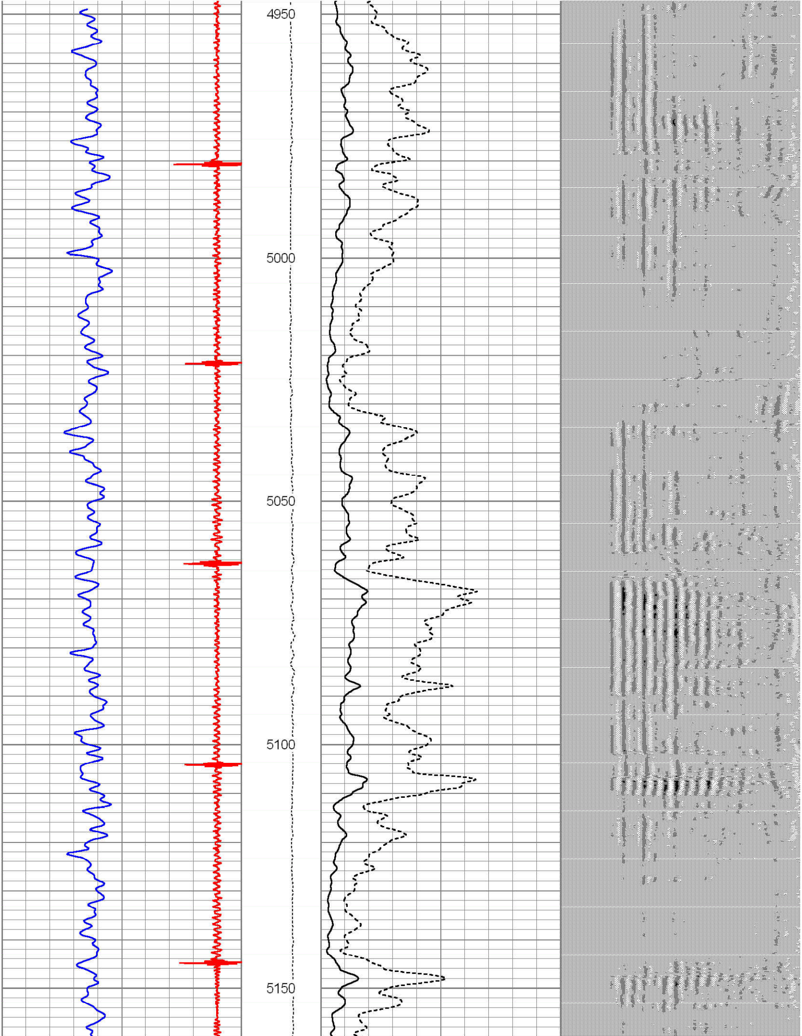
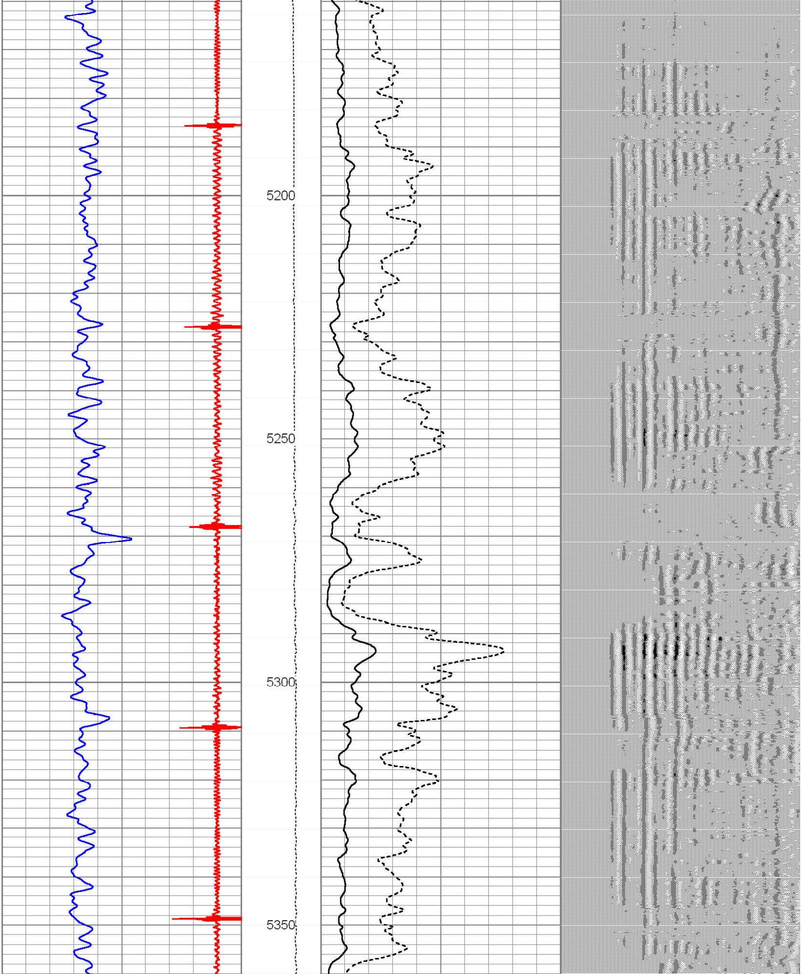
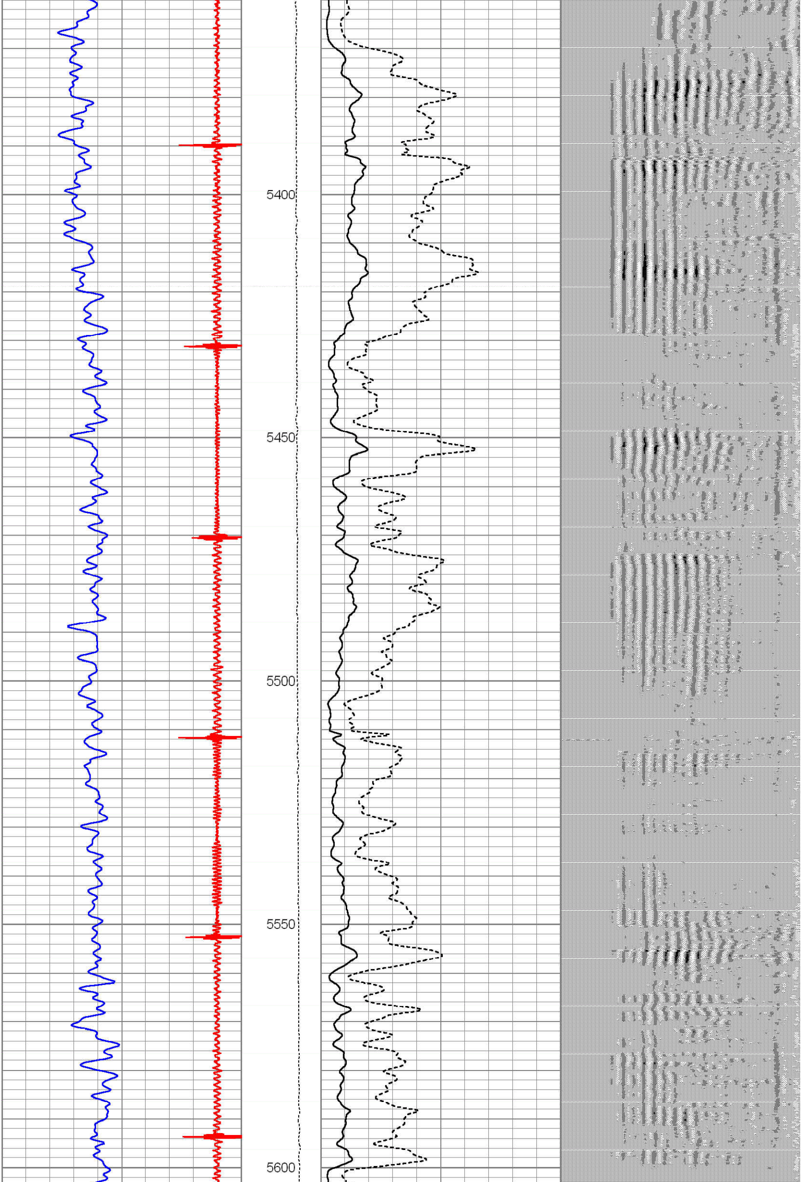
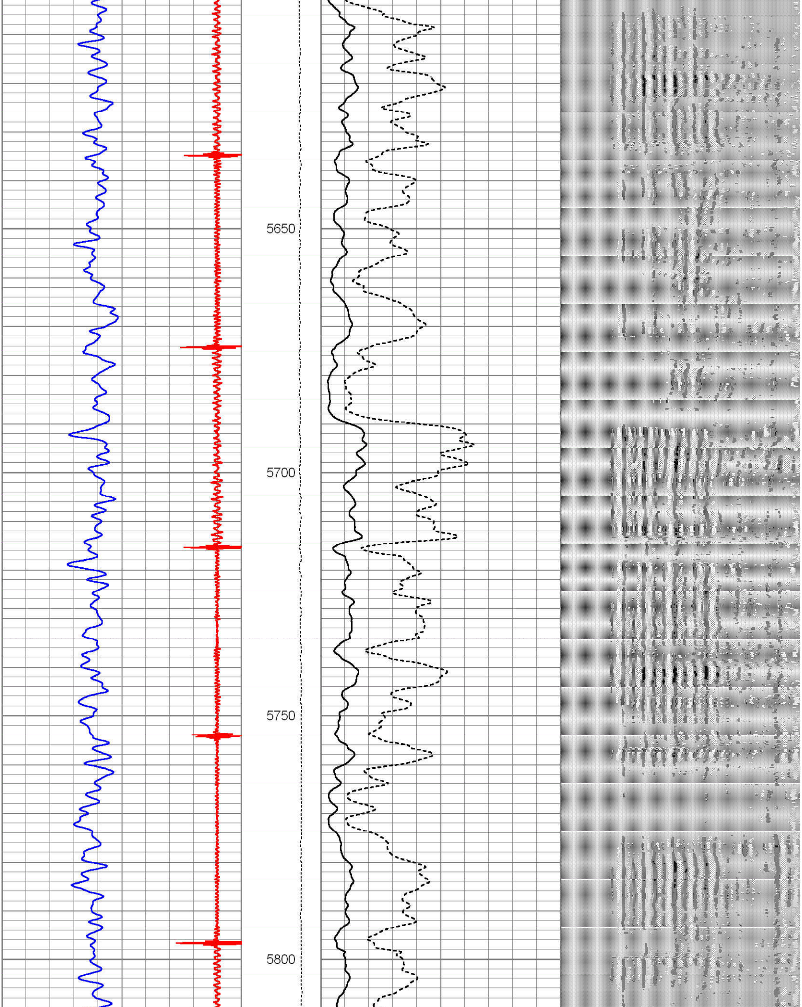
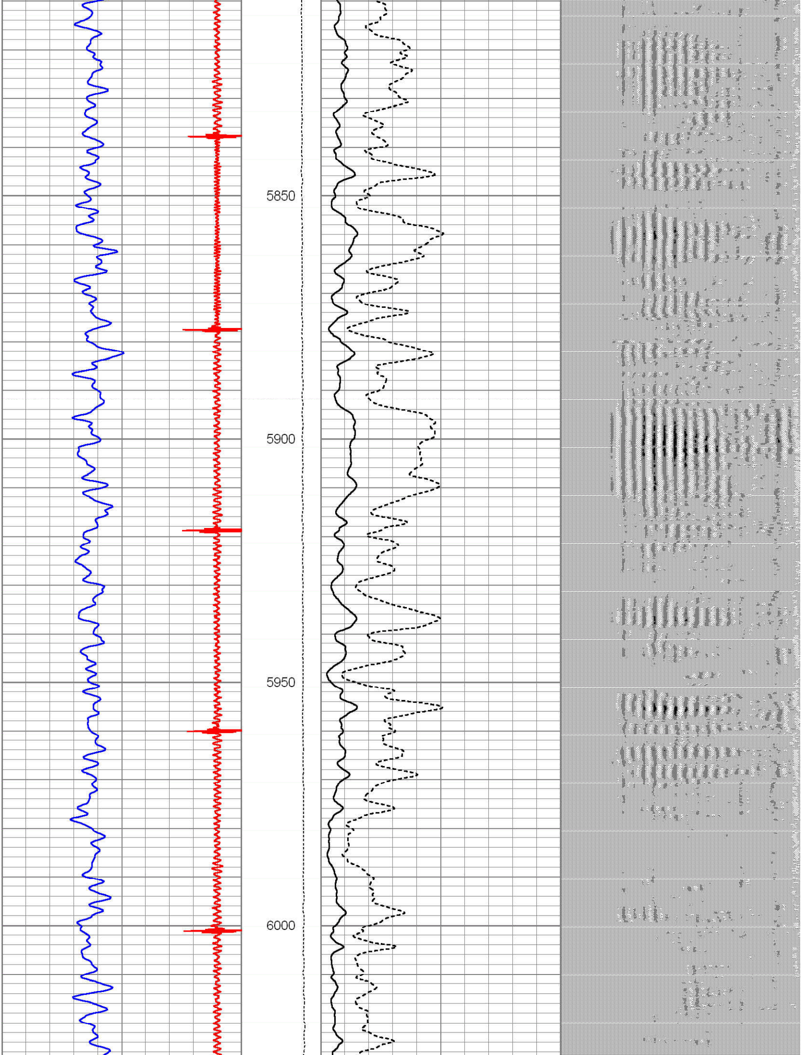
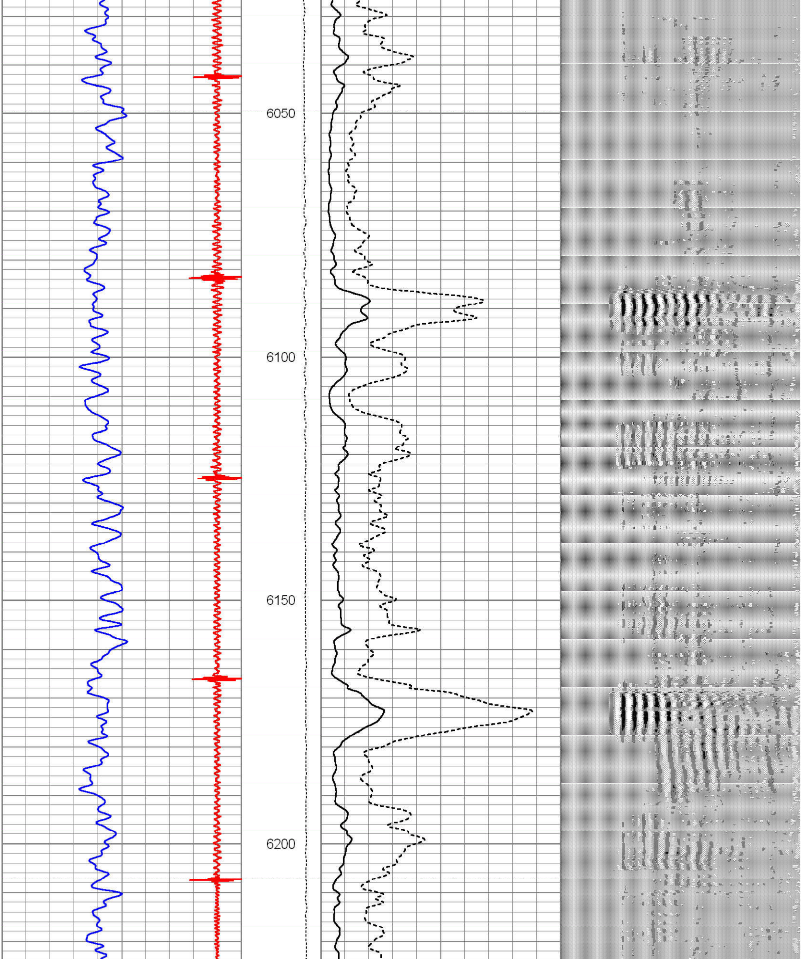
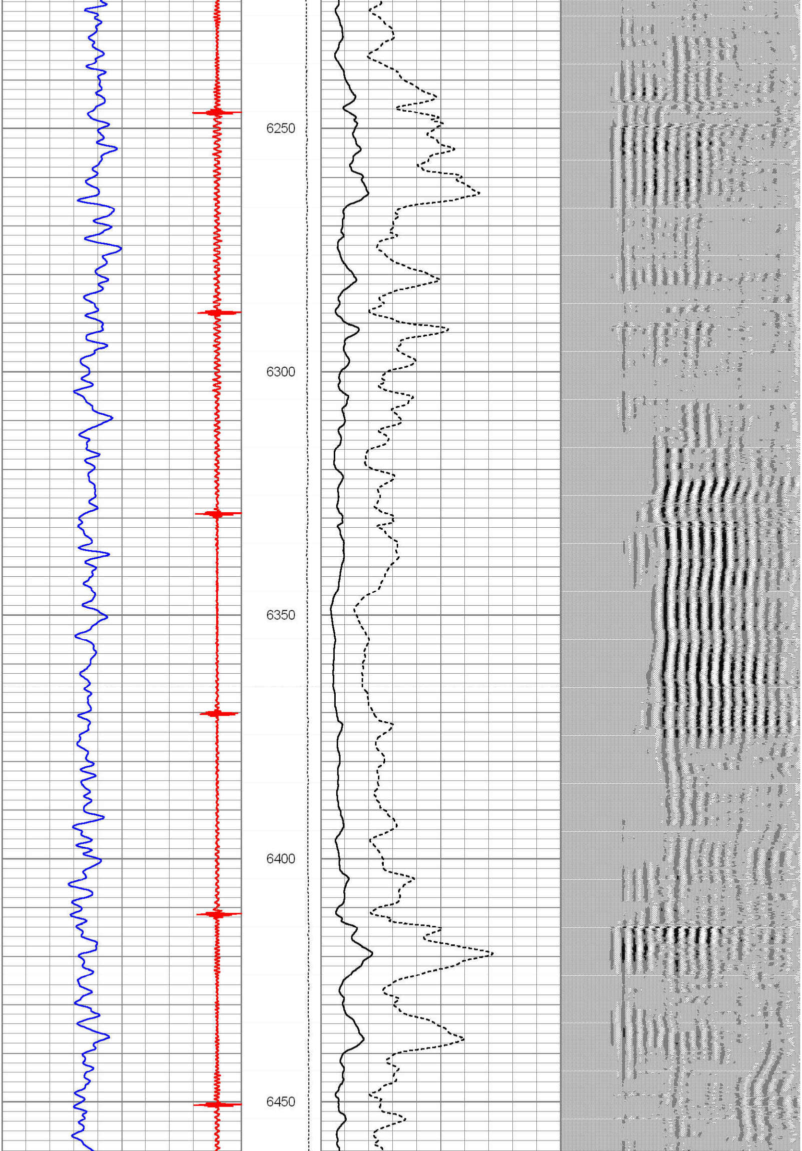
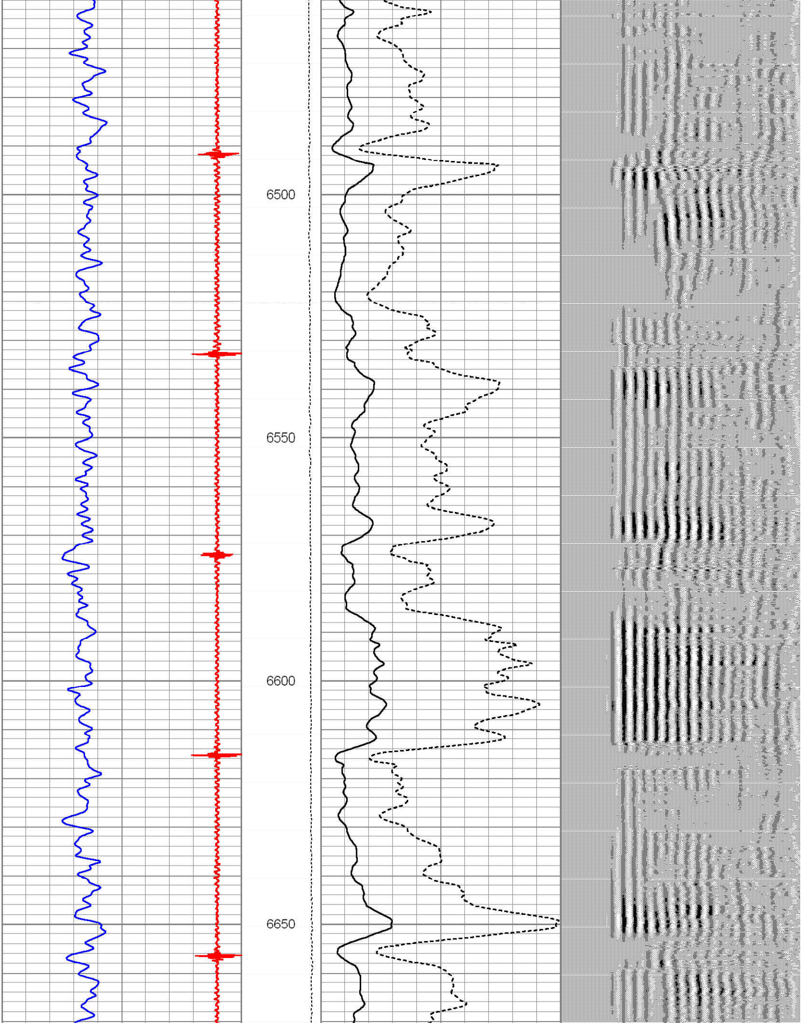
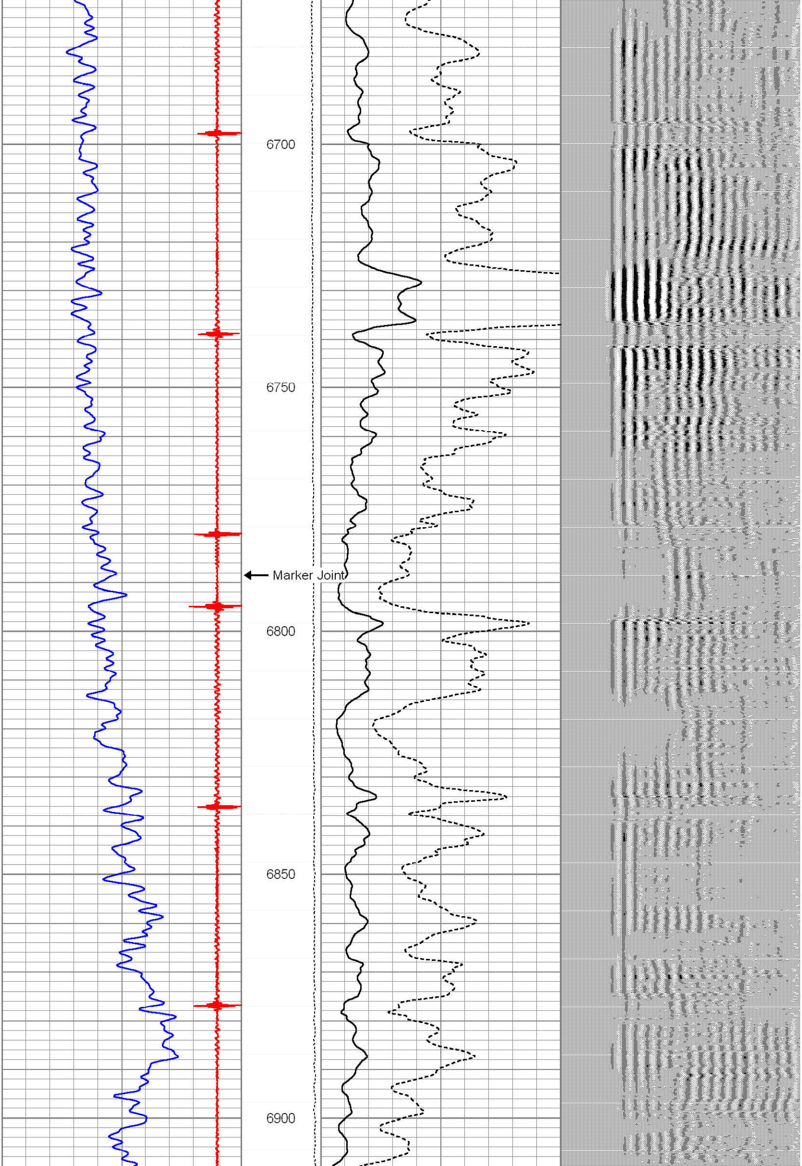
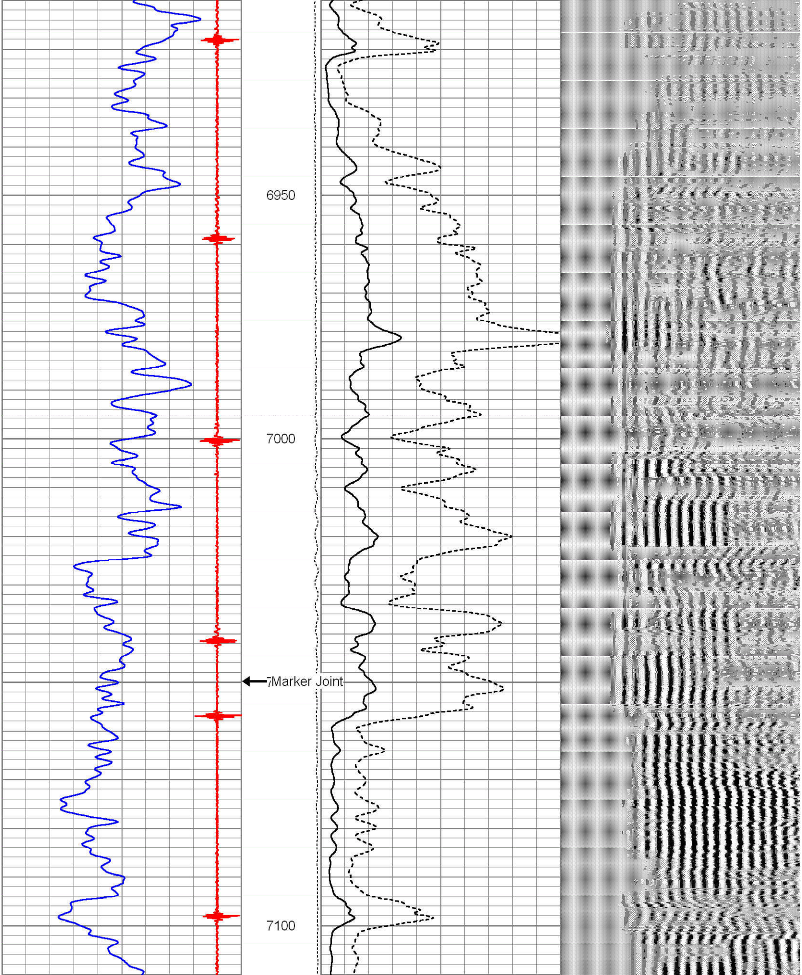
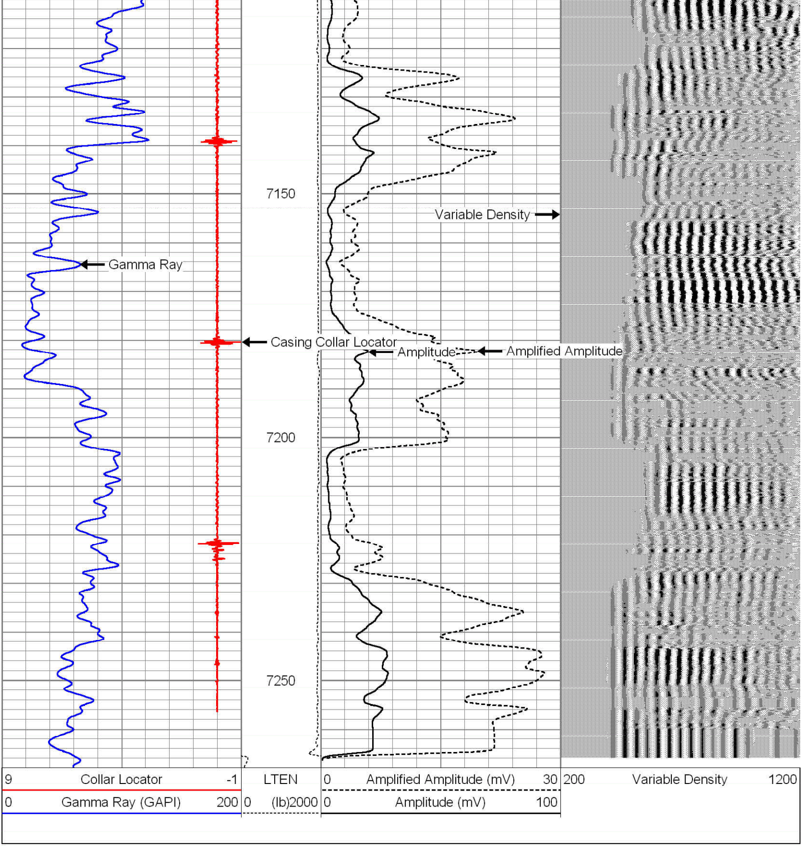








Database File: peterson 30-26d cbl.db
Dataset Pathname: pass3
Presentation Format: cbl_dr
Dataset Creation: Tue Jan 22 11:44:30 2013 by Log SCH 110722
Charted by: Depth in Feet scaled 1:240

9 Collar Locator -1	LTEN	0 Amplified Amplitude (mV) 30	200 Variable Density 1200
0 Gamma Ray (GAPI) 200	0 (lb)2000	0 Amplitude (mV) 100