J-W WIRELINE COMPANY

GAMMA RAY CCL
CEMENT BOND LOG
VDL

Company	XTO ENERGY
Well	ZOGOL 2H
Field	MARION COUNTY
County	MARION
State	WV

Company XTO ENERGY

Well ZOGOL 2H

Field MARION COUNTY

County MARION State WV

Location: API # : 47-049-02146

SEC TWP RGE

Other Services

Permanent Datum	GL	Elevation	1233
Log Measured From	GL		
Drilling Measured From	KB		

Elevation

K.B. 1253
D.F. 1253
G.L. 1233

Date	MAY 4- 2011		
Run Number	1		
Depth Driller	10404		
Depth Logger	7780		
Bottom Logged Interval	7780		
Top Log Interval	3900		
Open Hole Size	5.5		
Type Fluid	WATER		
Density / Viscosity	NA		
Max. Recorded Temp.	NA		
Estimated Cement Top	6600		
Time Well Ready	3 PM		
Time Logger on Bottom	1:30PM		
Equipment Number	2906		
Location	WESTON, WV		
Recorded By	C. STALNAKER		
Witnessed By	MR. LOWTHER		

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	5.5	20#	SURF	10404
Liner				

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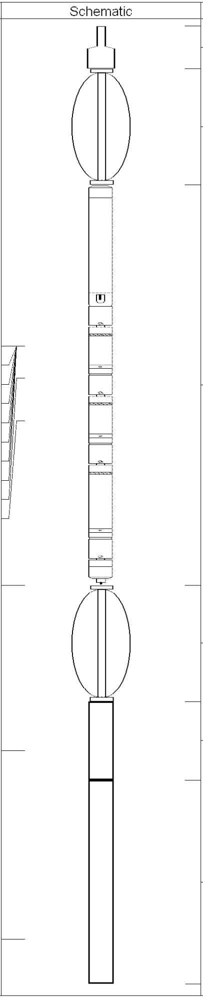
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

THANK YOU FOR USING
J W WIRELINE SERVICES

Sensor	Offset (ft)
WVFS1	14.87
WVFS2	14.87
WVFS3	14.87
WVFS4	14.87
WVFS5	14.87
WVFS6	14.87
WVFS7	14.87
WVFS8	14.87
WVF3FT	14.12
WVF5FT	13.12
WVFCAL	9.29
CCL	5.44
GR	1.04

Schematic



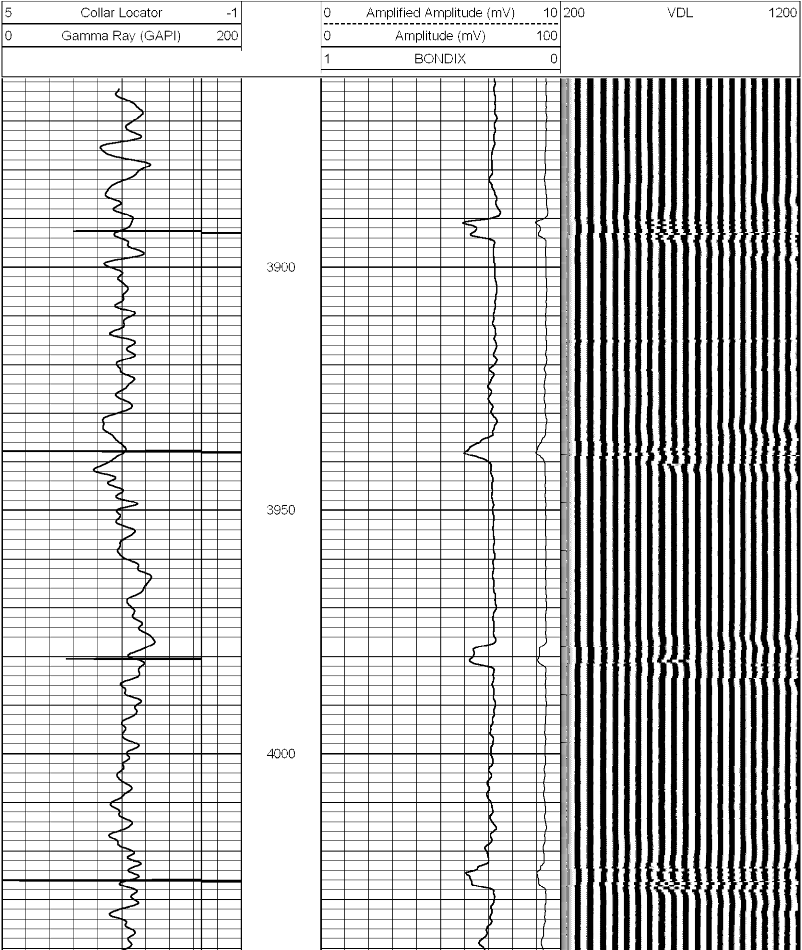
Description	Len (ft)	OD (in)	Wt (lb)
STNDRD Standard Cable Head	1.00	1.69	10.00
SDSCENT Centralizer	2.71	2.75	20.00
SCBL-TEKCO (TEKCO1) tekco sector cbl 2.75" o.d,	9.33	2.75	100.00
SDSCENT Centralizer	2.71	2.75	20.00
CCL-2.75 (TEKCO) 2.75 TEKCO CCL	1.83	2.75	10.00
GR-TK27501 (Tekco275_01) 2.75 TekCo 400 Deg. Scint. gr tool	4.75	2.75	30.00

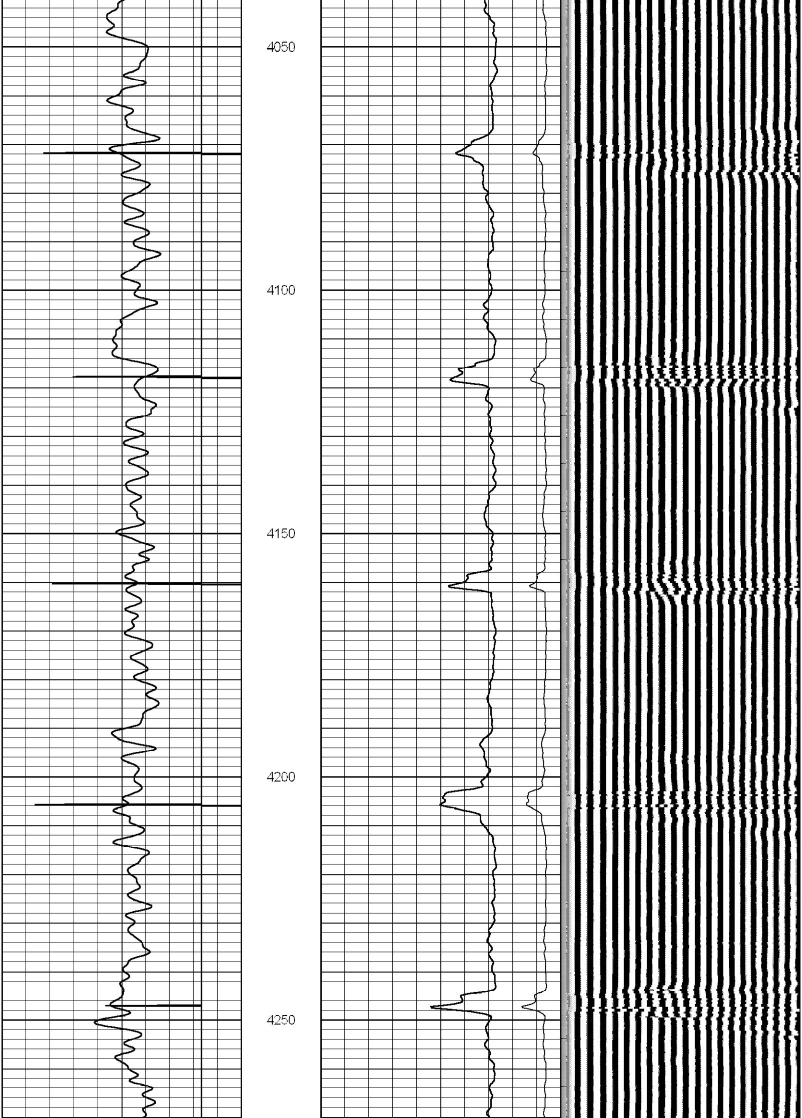
Dataset:	zogol 2h.db: field/well/run1/pass4
Total Length:	22.33 ft
Total Weight:	190.00 lb
O.D.	2.75 in

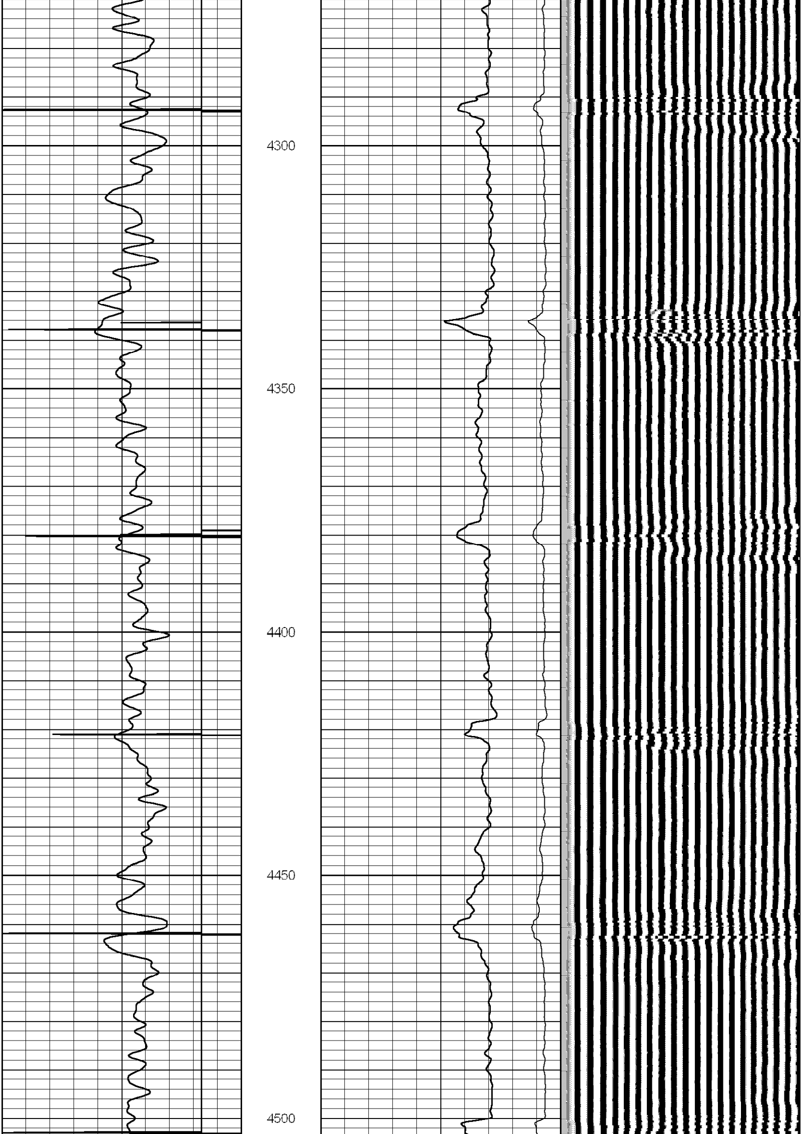
J-W WIRELINE COMPANY

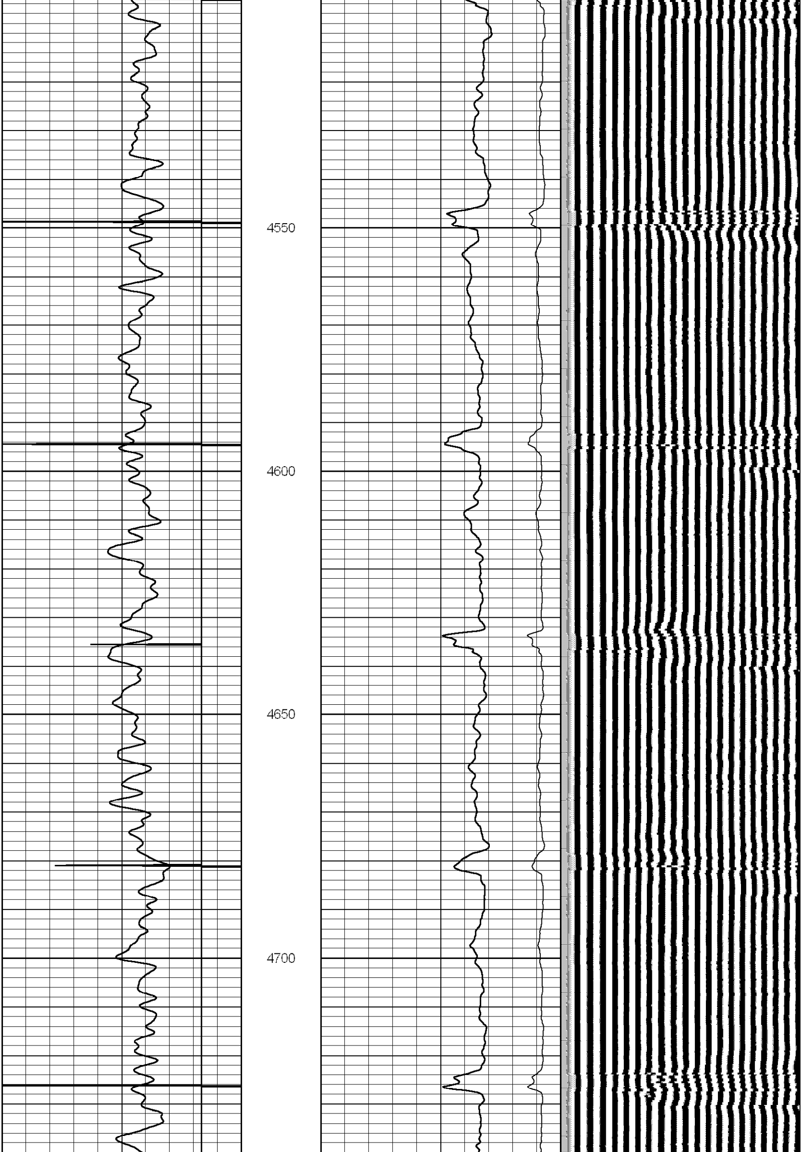
MAIN LOG 5" / 100'

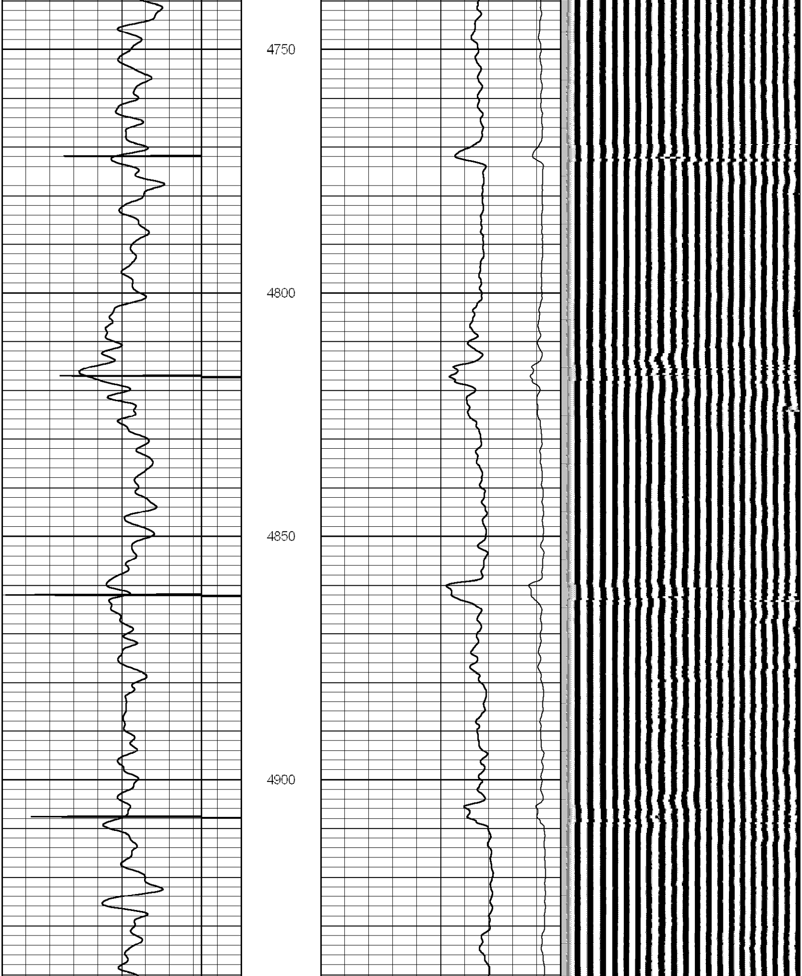
Database File: zogol 2h.db
Dataset Pathname: pass4
Presentation Format: scbl_sr
Dataset Creation: Thu May 05 13:49:28 2011 by Log Std Casedhole 09061
Charted by: Depth in Feet scaled 1:240

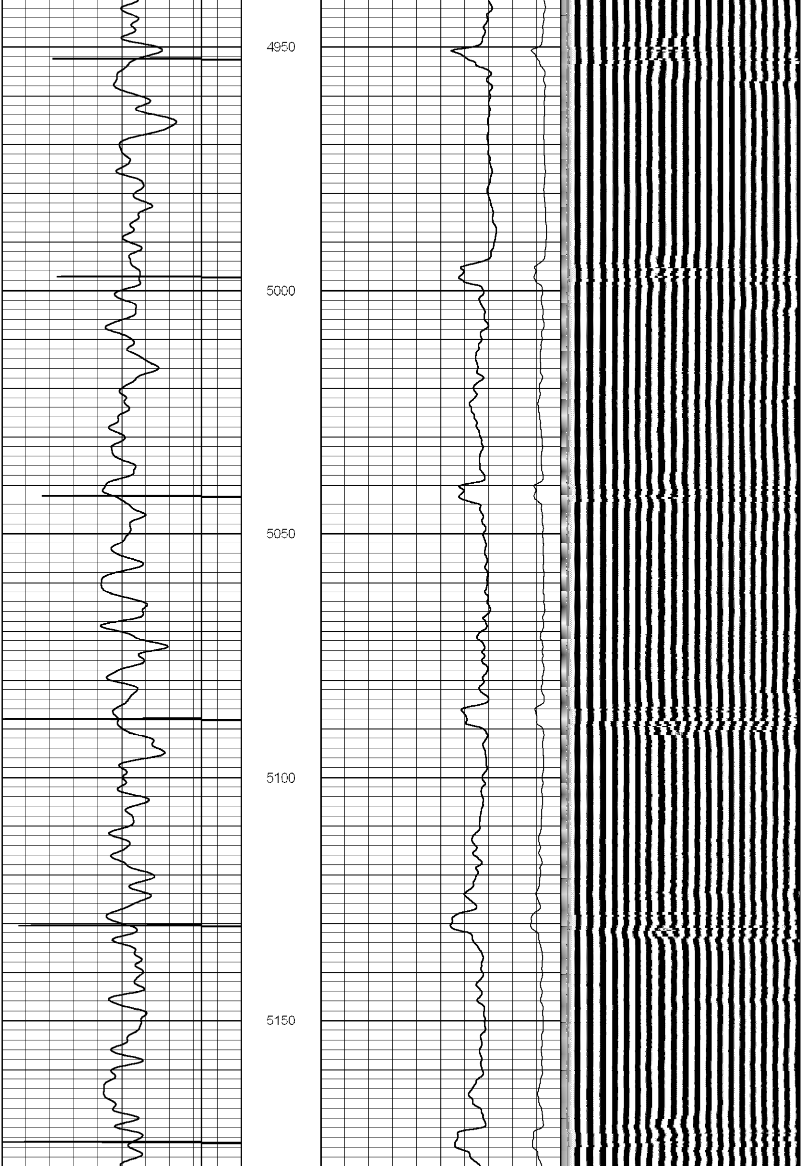


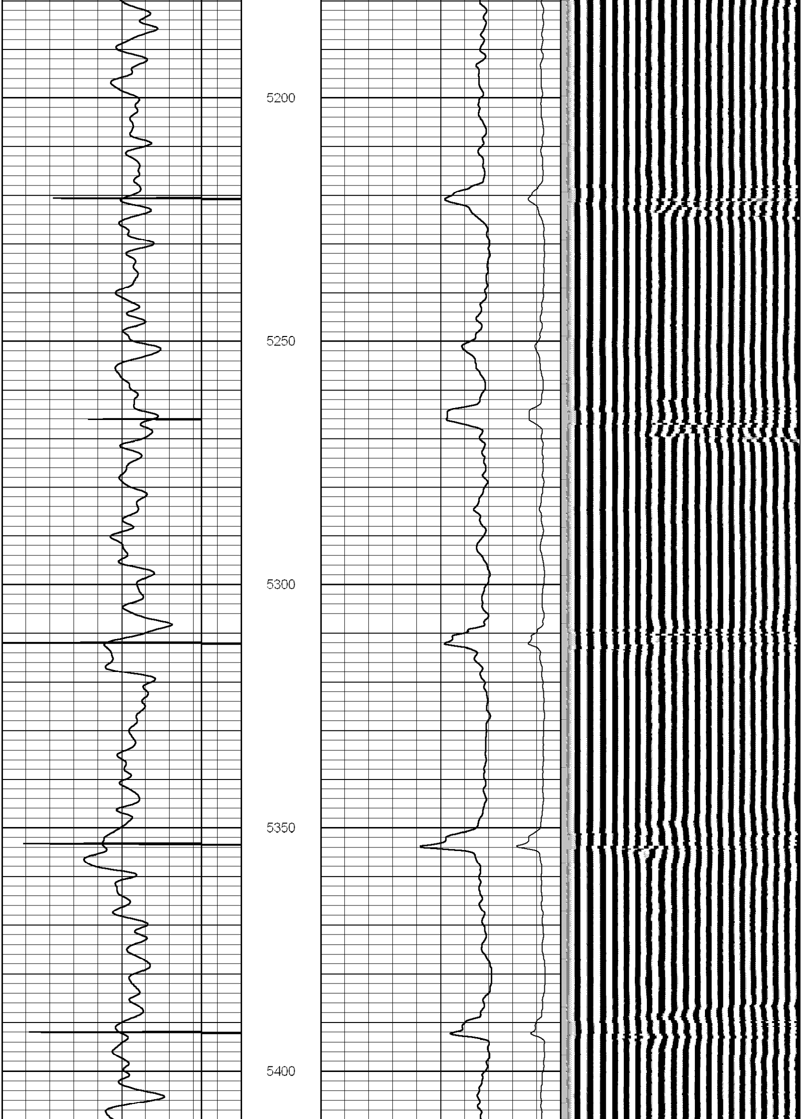


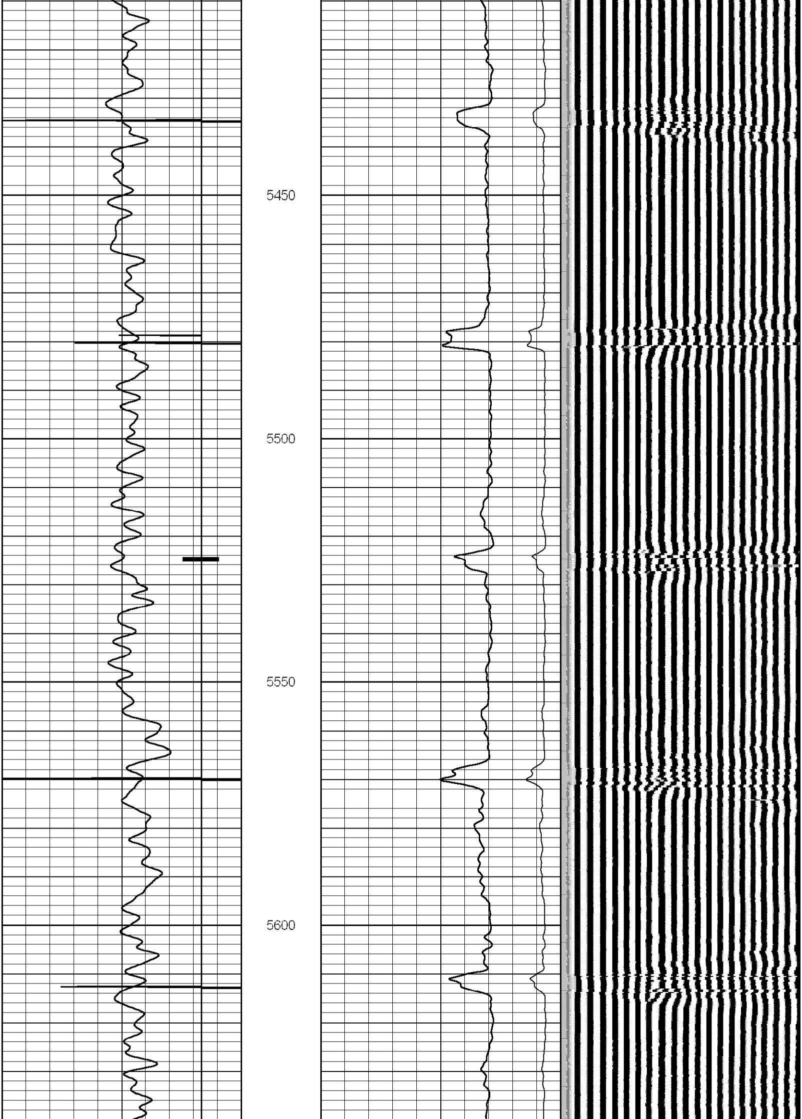


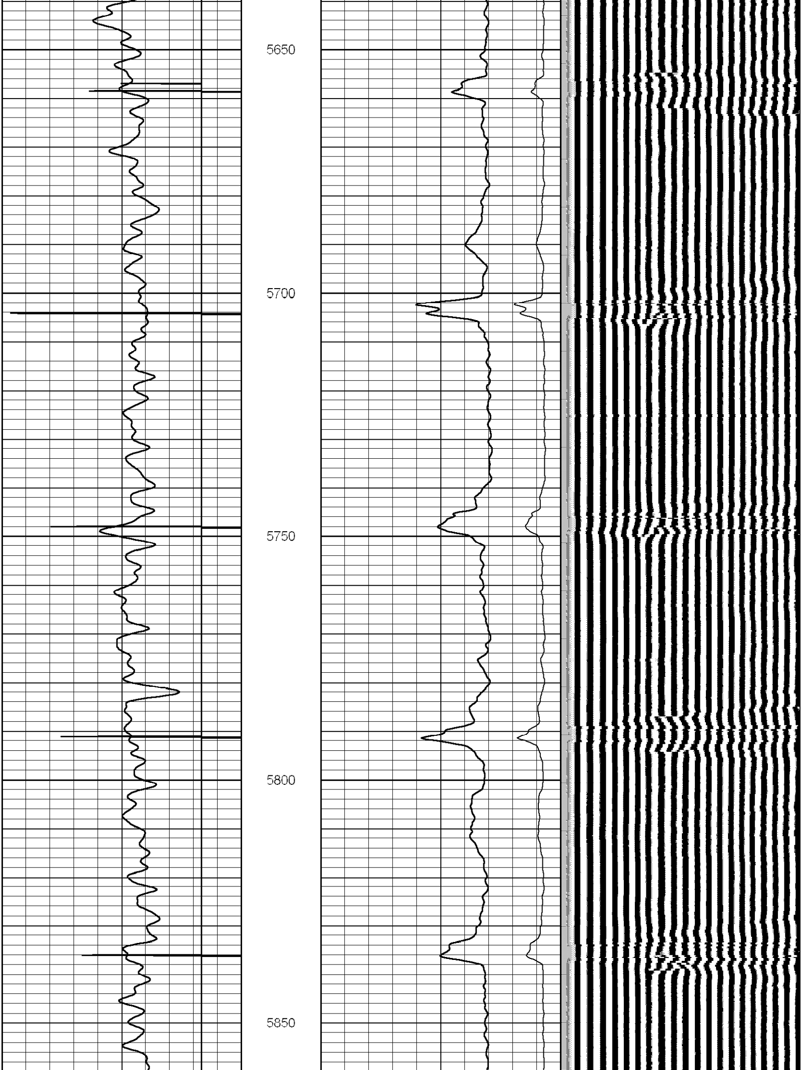


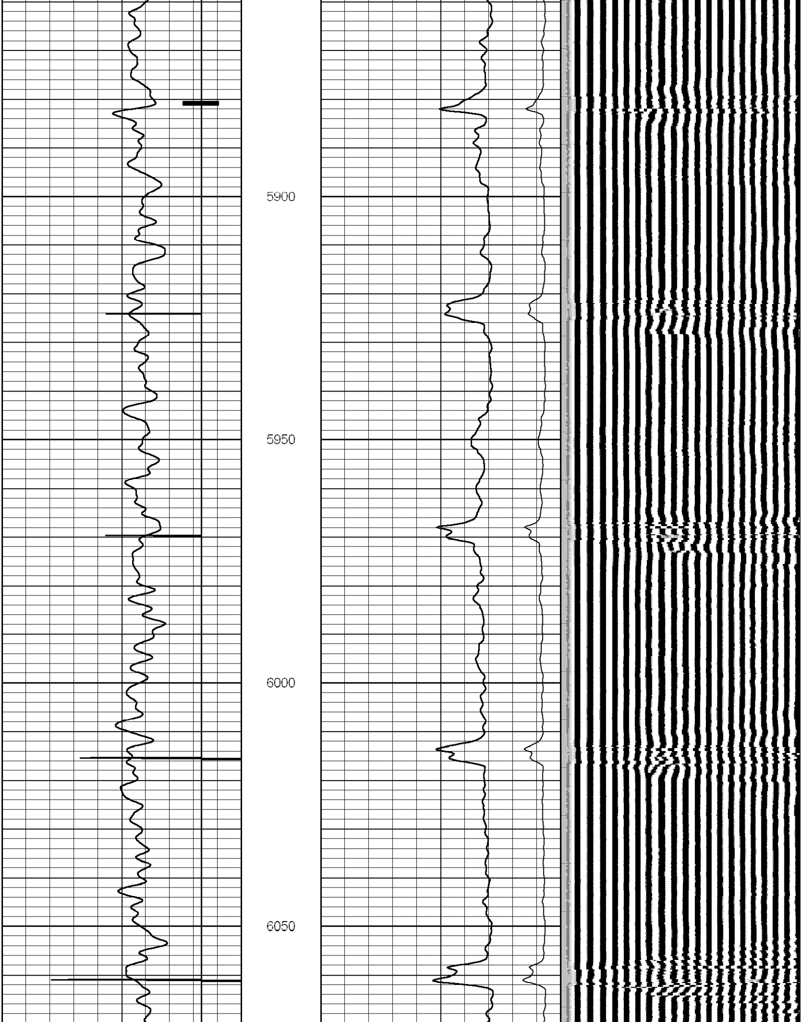


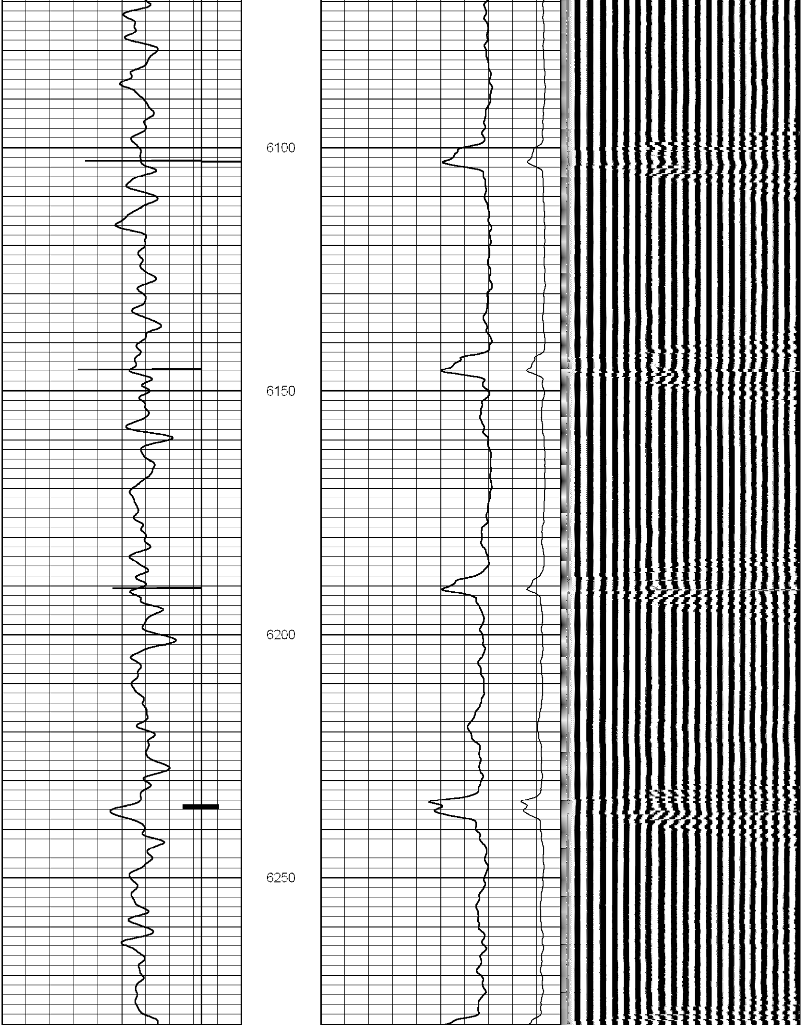


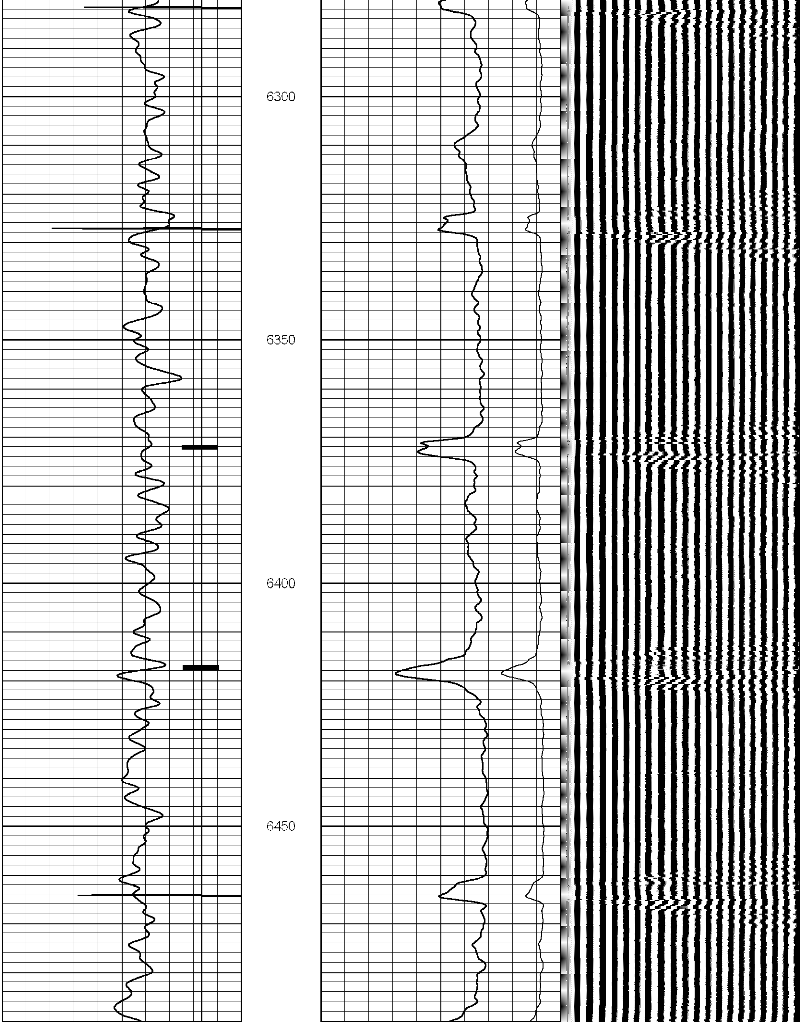


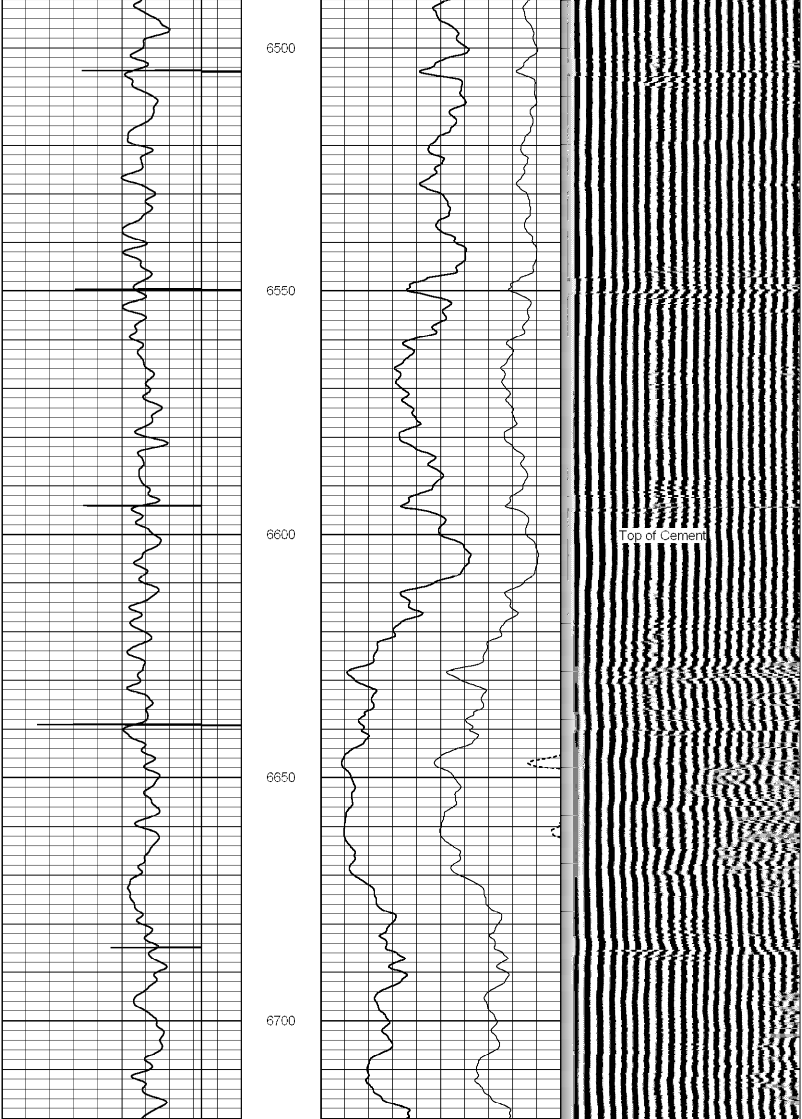


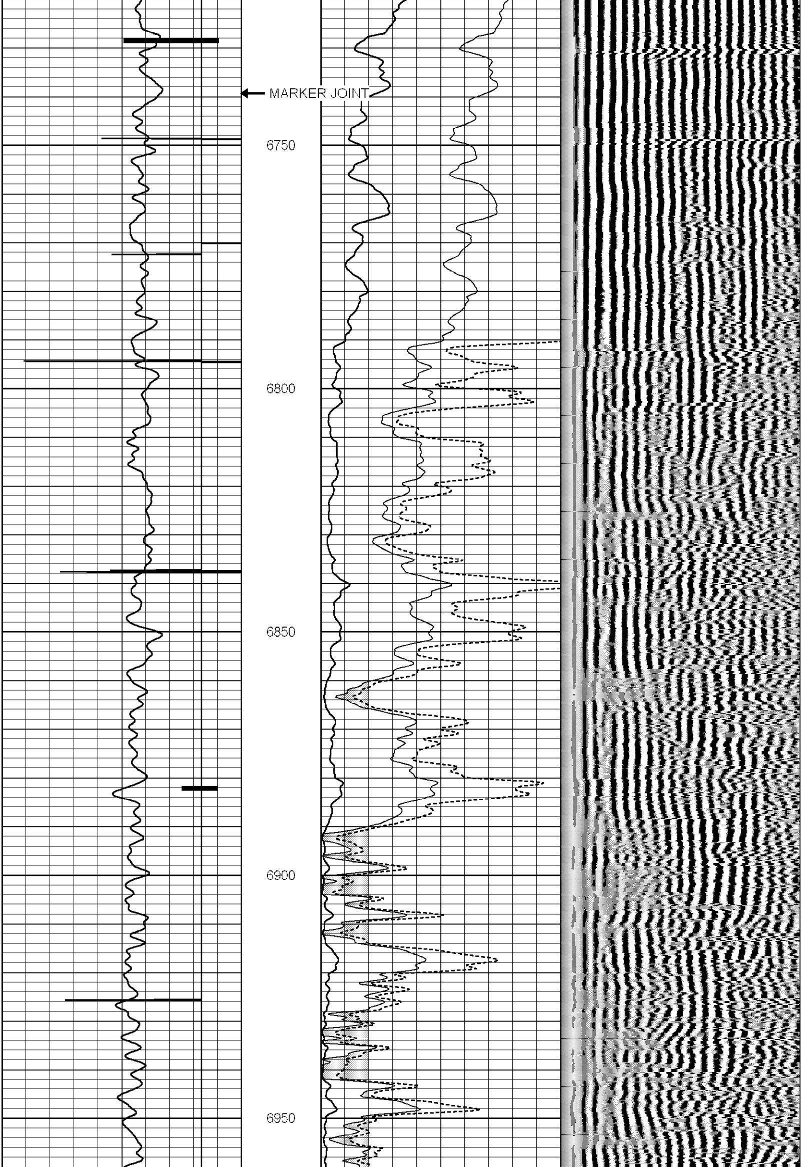


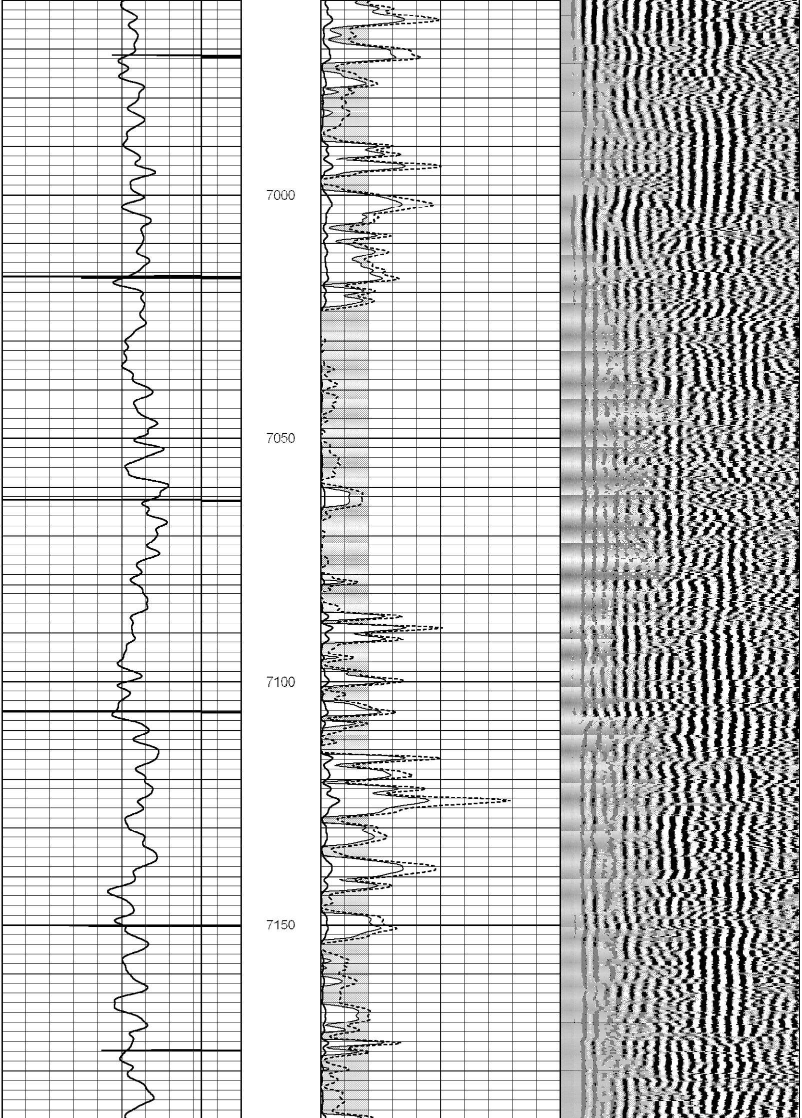


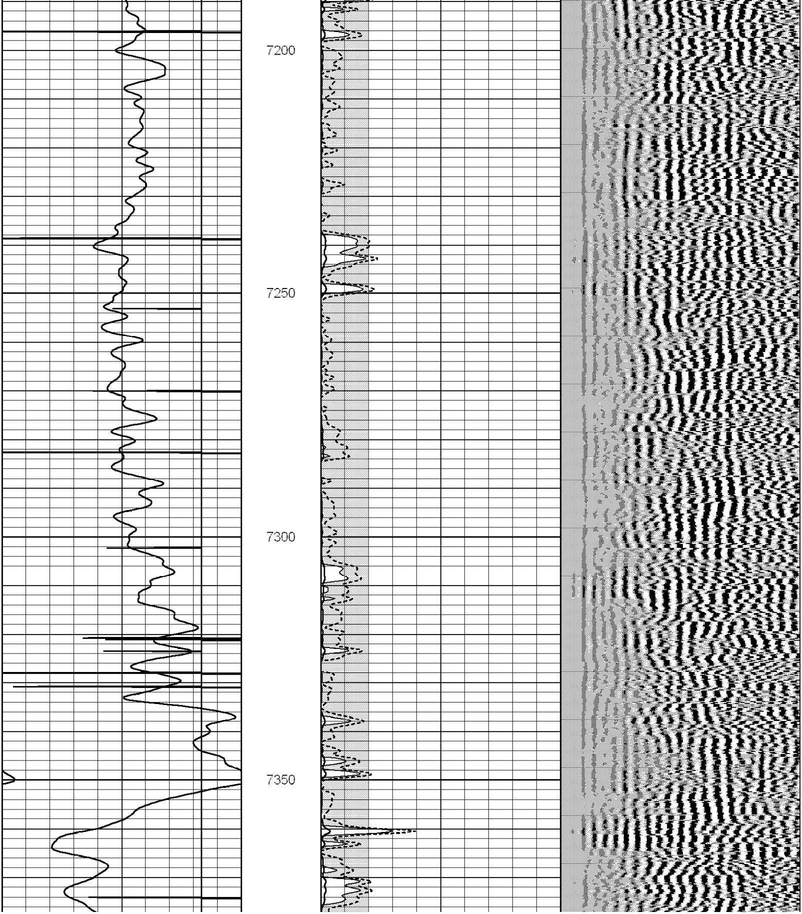


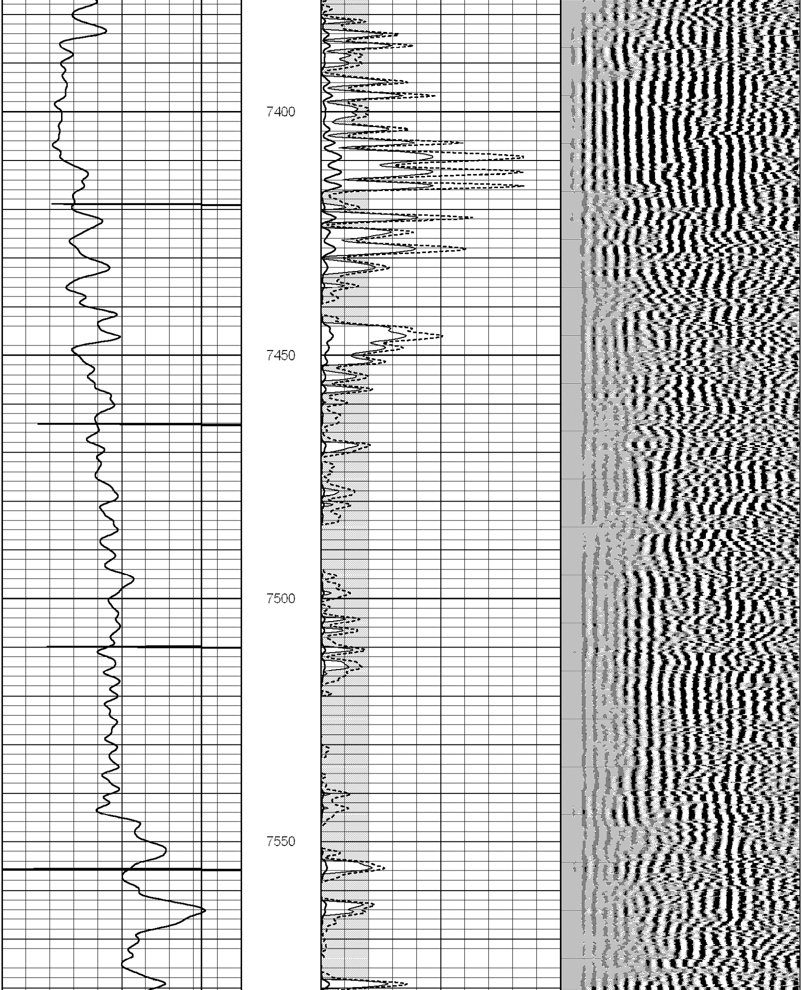


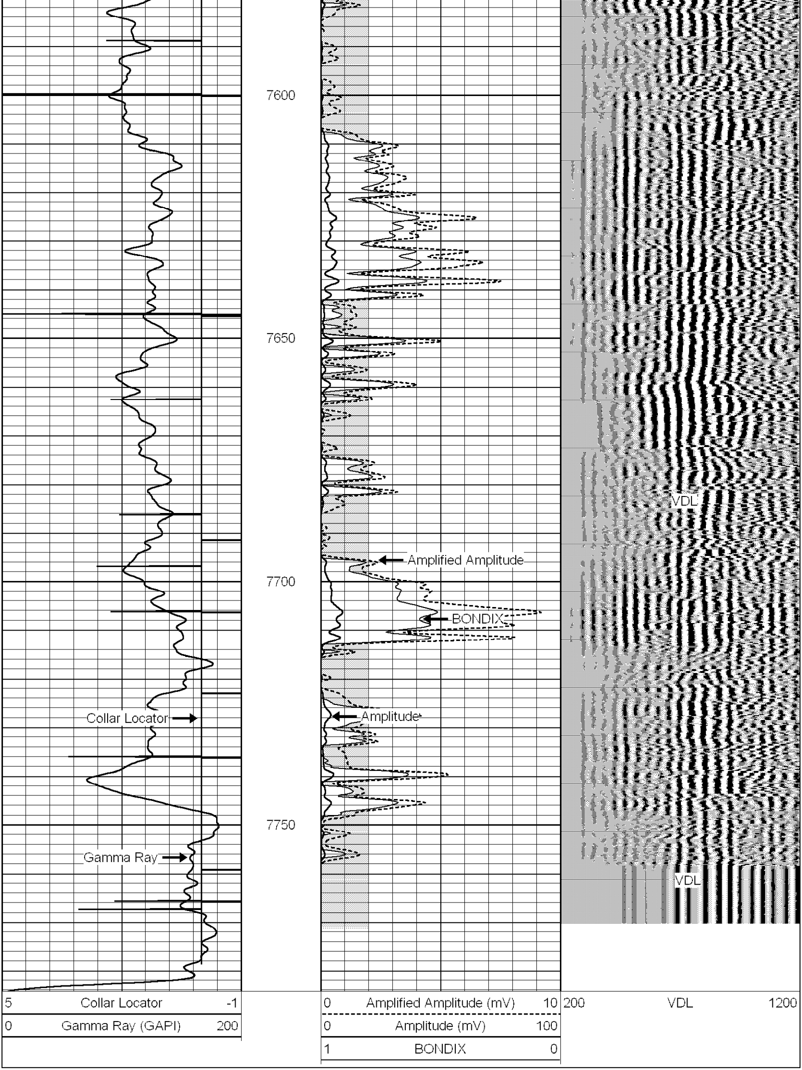








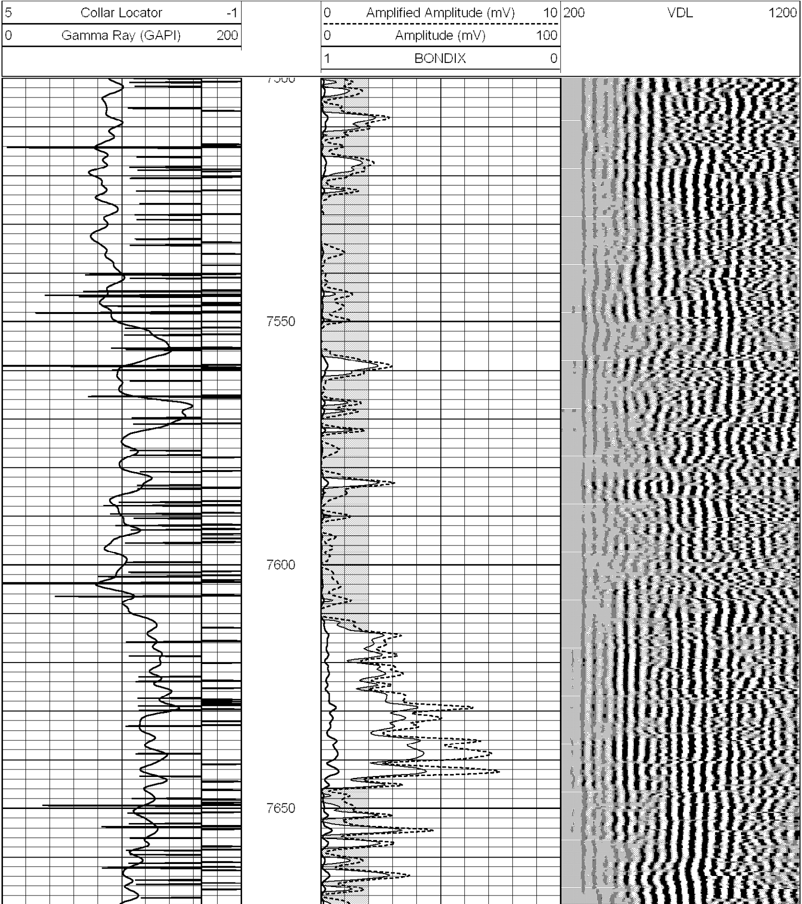


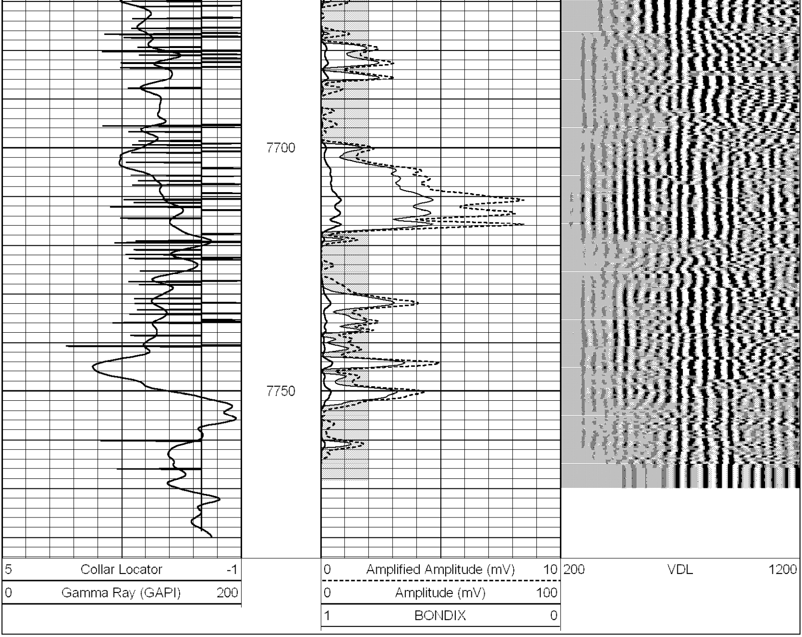


J-W WIRELINE COMPANY

REPEAT PASS

Database File: zogol 2h.db
Dataset Pathname: pass3
Presentation Format: scbl_sr
Dataset Creation: Thu May 05 13:33:09 2011 by Log Std Casedhole 09061
Charted by: Depth in Feet scaled 1:240





Calibration Report

Database File: zogol 2h.db
Dataset Pathname: pass4
Dataset Creation: Thu May 05 13:49:28 2011 by Log Std Casedhole 09061

Gamma Ray Calibration Report

Serial Number: Tekco275_01
Tool Model: TK27501
Performed: Tue Mar 24 09:18:10 2009

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
Calibrator Reading: 1.0 cps

Sensitivity: 1.0000 GAPI/cps

Segmented Cement Bond Log Calibration Report

Serial Number: TEKCO1
Tool Model: TEKCO

Calibration Casing Diameter: 5.500 in
Calibration Depth: 3478.333 ft

Master Calibration, performed Thu May 05 13:11:02 2011:

	Raw (v)		Calibrated (mv)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
3'	0.005	1.456	0.000	71.921	52.569	-0.229
CAL	0.508	0.522				
5'	0.003	1.572	0.000	71.921	48.823	-0.120
SUM						
S1	0.010	1.818	0.000	100.000	55.304	-0.566
S2	0.003	1.579	0.000	100.000	63.472	-0.200
S3	0.005	1.324	0.000	100.000	75.817	-0.344
S4	0.009	1.388	0.000	100.000	72.525	-0.675
S5	0.001	1.654	0.000	100.000	60.491	-0.067
S6	0.004	1.848	0.000	100.000	54.207	-0.194
S7	0.005	2.005	0.000	100.000	49.987	-0.232
S8	0.007	2.029	0.000	100.000	49.460	-0.358

Internal Reference Calibration, performed Fri Aug 26 10:59:53 2005:

	Raw (v)		Calibrated (v)		Results	
	Zero	Cal	Zero	Cal	Gain	Offset
CAL	0.000	0.000	0.508	0.522	1.000	0.000

Air Zero Calibration, performed Tue Mar 24 09:17:49 2009:

	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

J-W WIRELINE COMPANY

Company	XTO ENERGY
Well	ZOGOL 2H
Field	MARION COUNTY
County	MARION
State	WV