BWWC
Black Warrior Wireline Corporation

CEMENT BOND LOG
GAMMA RAY
CCL

Company	BRIDGE ENERGY, LLC.
Well	ESPINO 1-2
Field	WILDCAT
County	PAYETTE
State	IDAHO

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Field	WILDCAT
County	PAYETTE State IDAHO

Location: API # : 11075200040000

SHL: 1603' FSL & 1247' FEL NESE

SEC TWP RGE

Other Services

Permanent Datum	GROUND LEVEL	Elevation	2223'
Log Measured From	KB 12' ABOVE PERM. DATUM		
Drilling Measured From	KELLY BUSHING		

Elevation
K.B. 2235'
D.F. 2234'
G.L. 2223'

Date	4 MAY 2010		
Run Number	ONE		
Depth Driller	4500		
Depth Logger	2936		
Bottom Logged Interval	2920		
Top Log Interval	120		
Open Hole Size	8.750"		
Type Fluid	WATER		
Density / Viscosity	N/A		
Max. Recorded Temp.	N/A		
Estimated Cement Top	350		
Time Well Ready	ON ARRIVAL		
Time Logger on Bottom	8:00 AM		
Equipment Number	8517		
Location	ROOSEVELT		
Recorded By	D. McPHERSON		
Witnessed By	BOB HATFIELD		

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"	36#	SURFACE	786
Prot. String				
Production String	5.5"	17#	SURFACE	2936
Liner				

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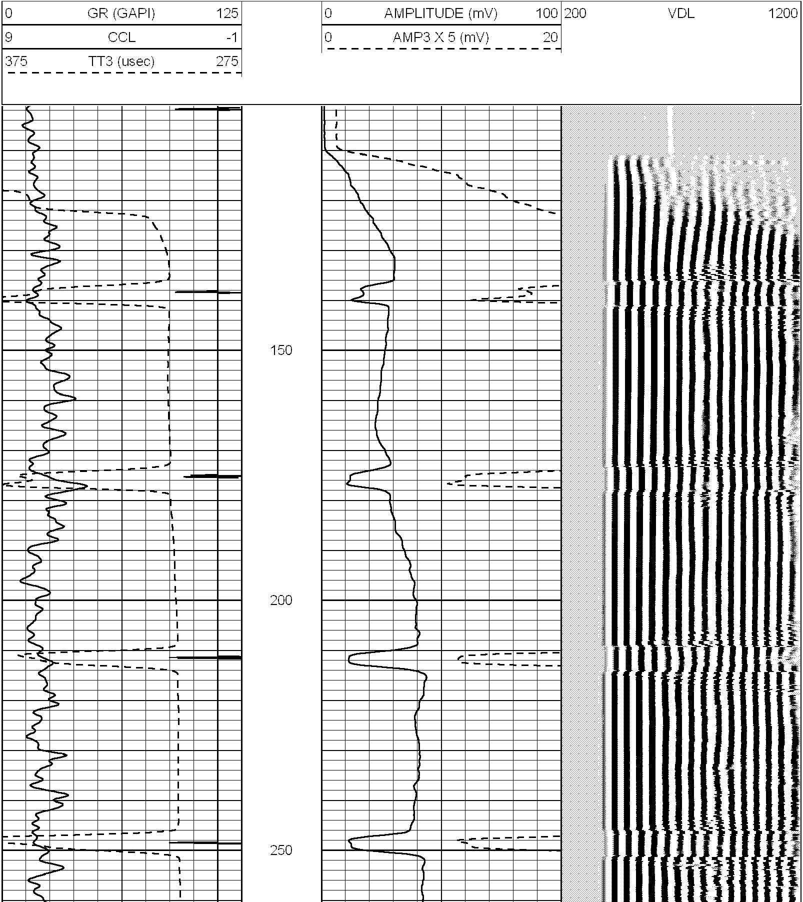
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

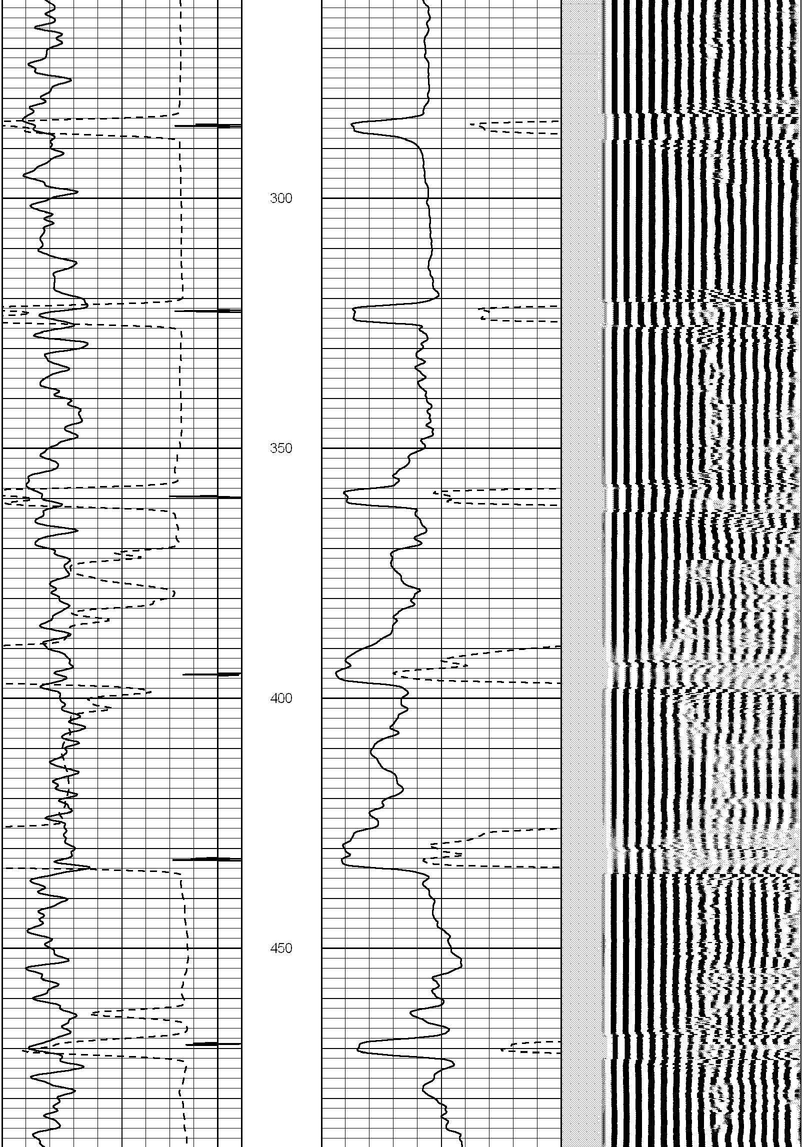
Comments

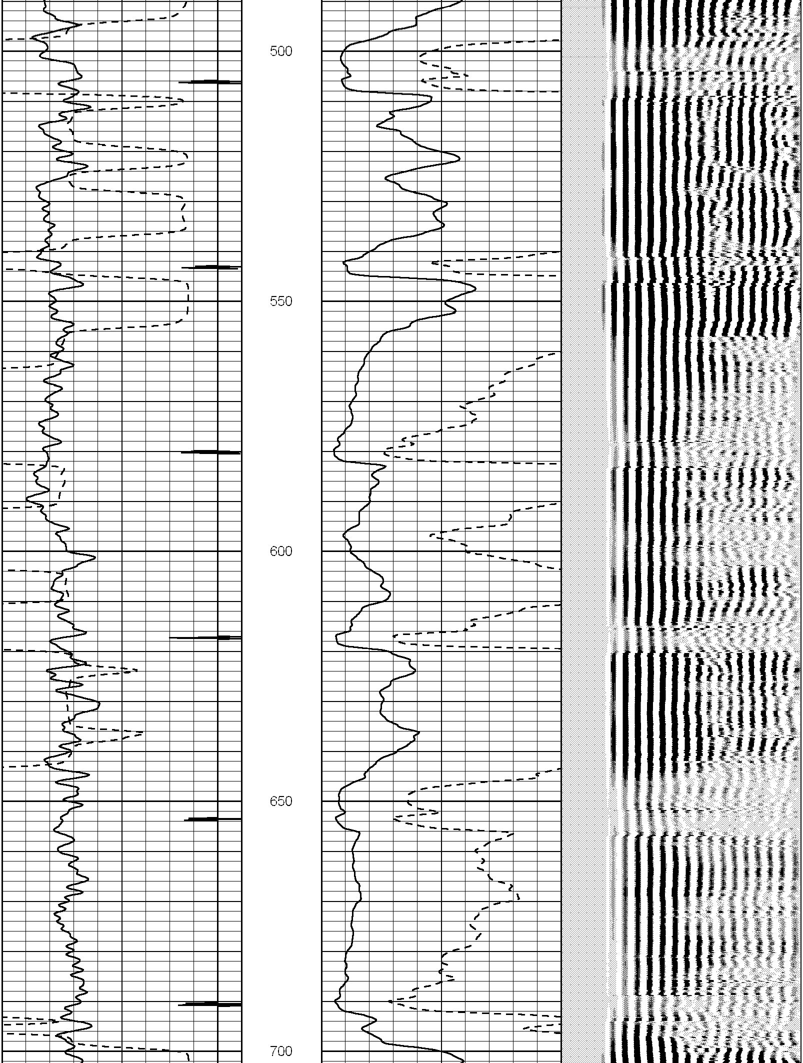
LOG CORRELATED TO:

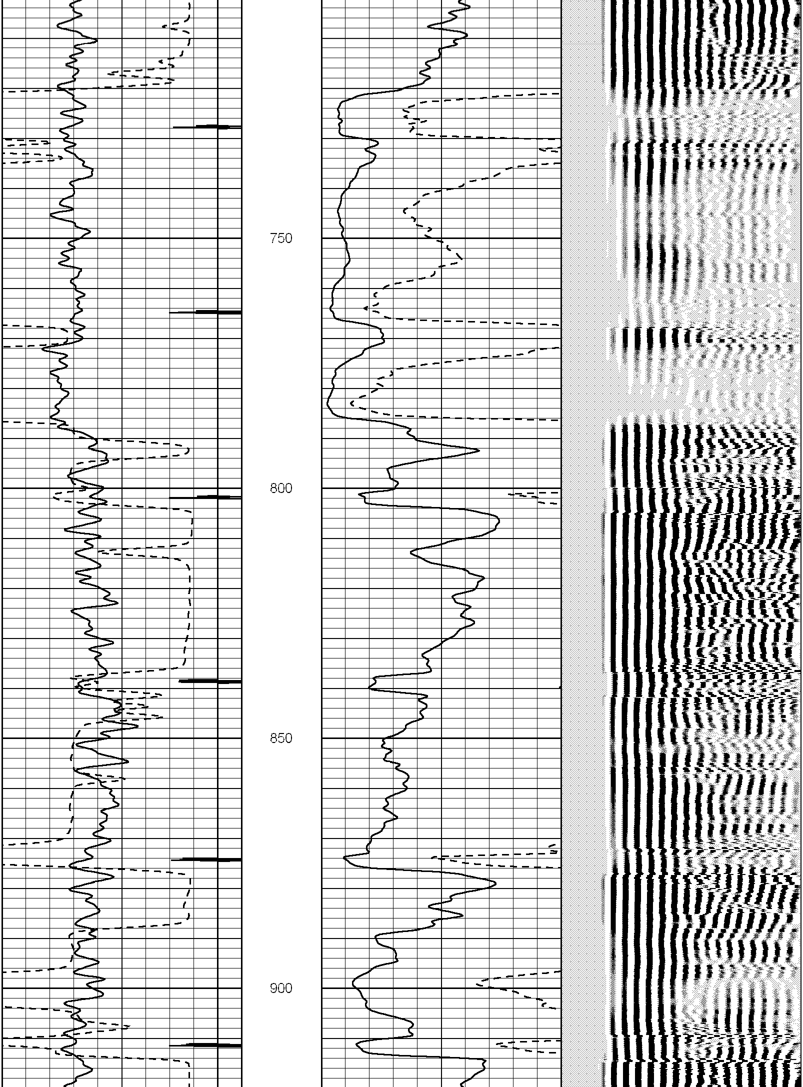
HALIBURTON
SPECTRAL DENSITY
DUAL SPACED NEUTRON
BOREHOLE COMP SONIC
ARRAY COMPENSATED
TRUE RESISTIVITY
03-APRIL-2010

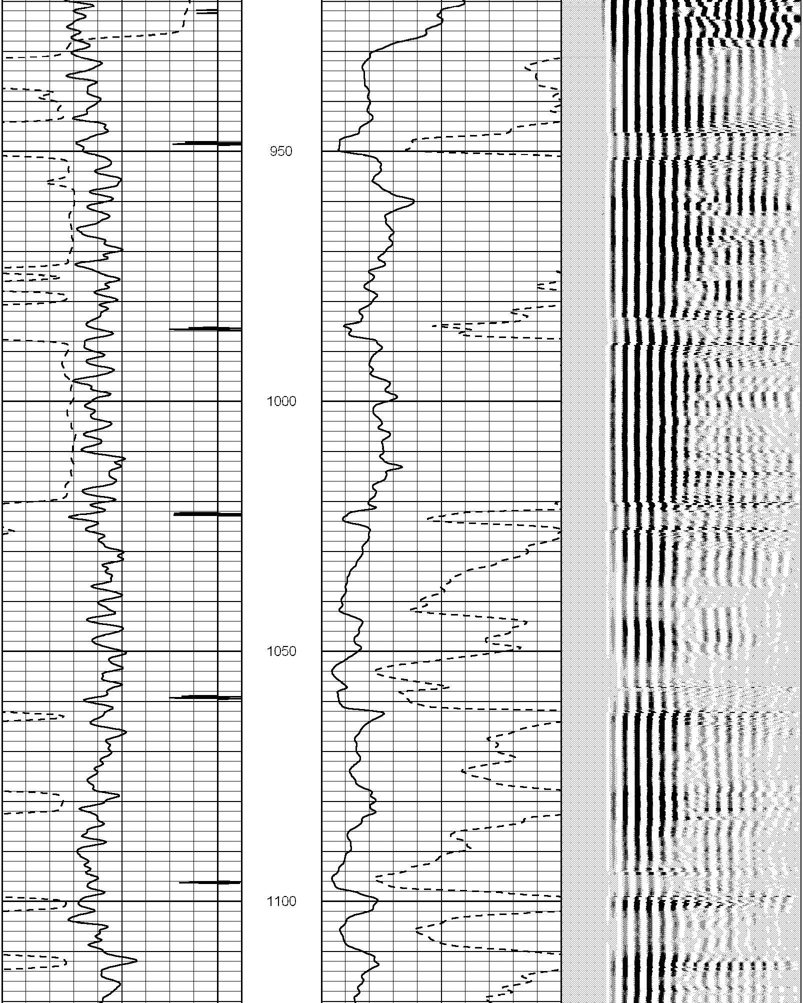
Database File: bridge espino 1-2.db
Dataset Pathname: pass7.6
Presentation Format: bondsect
Dataset Creation: Wed May 05 18:23:46 2010 by Calc Std Casedhole 09061
Charted by: Depth in Feet scaled 1:240

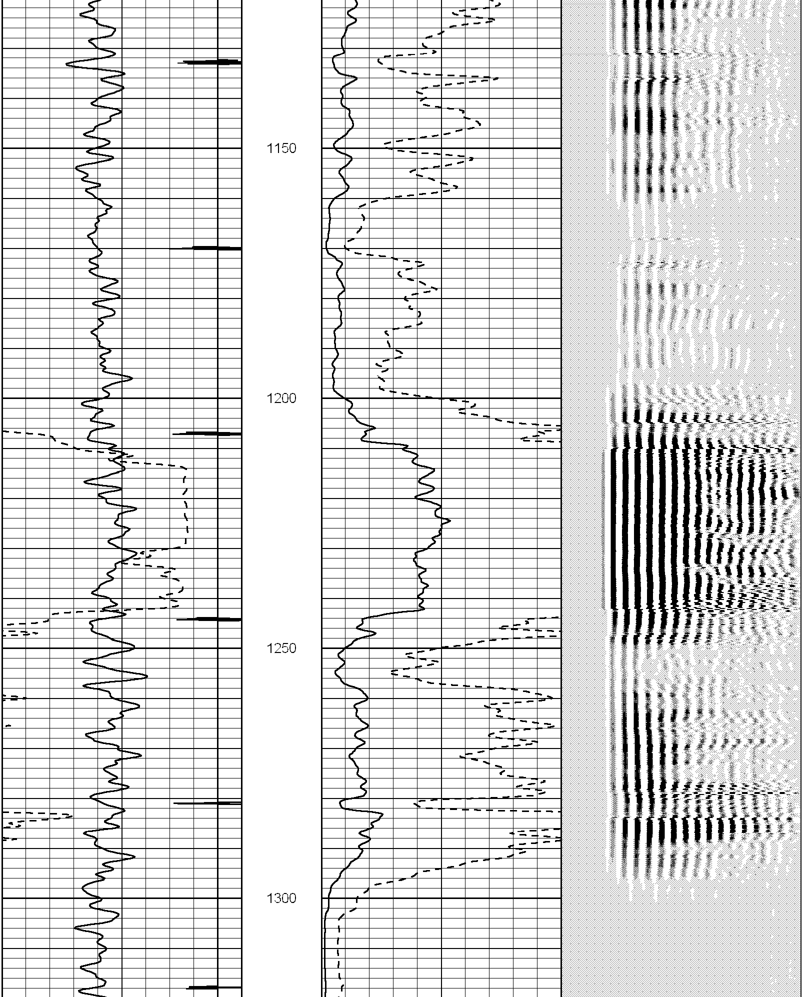


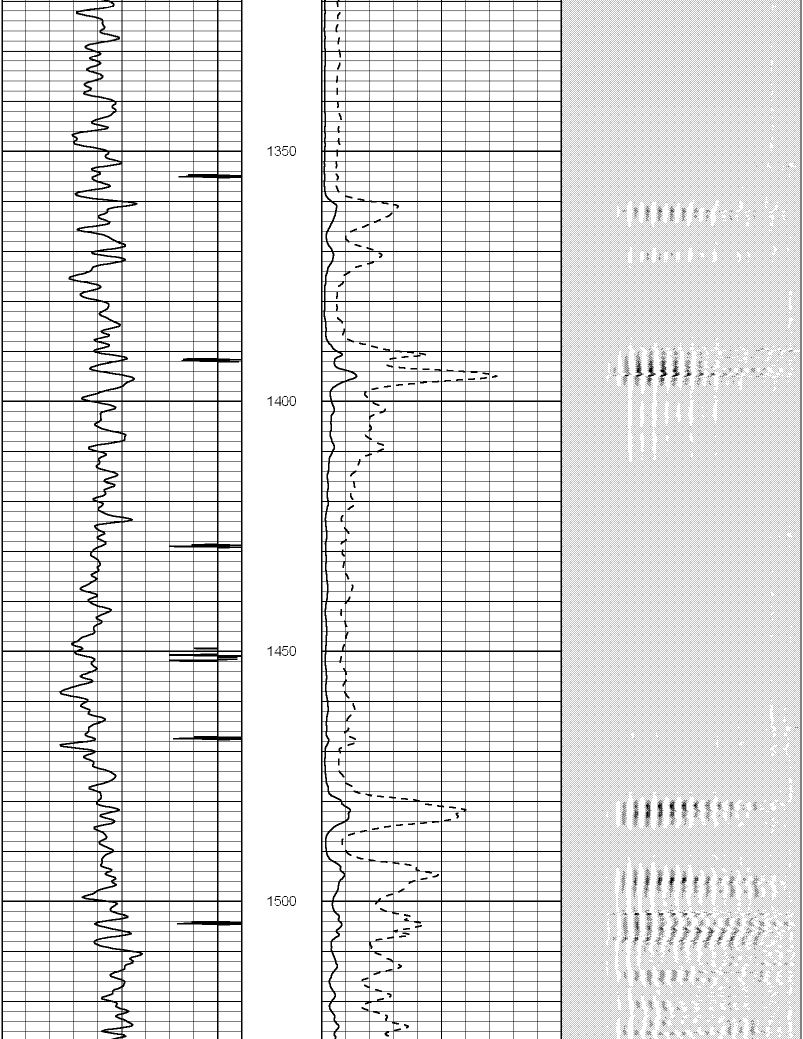


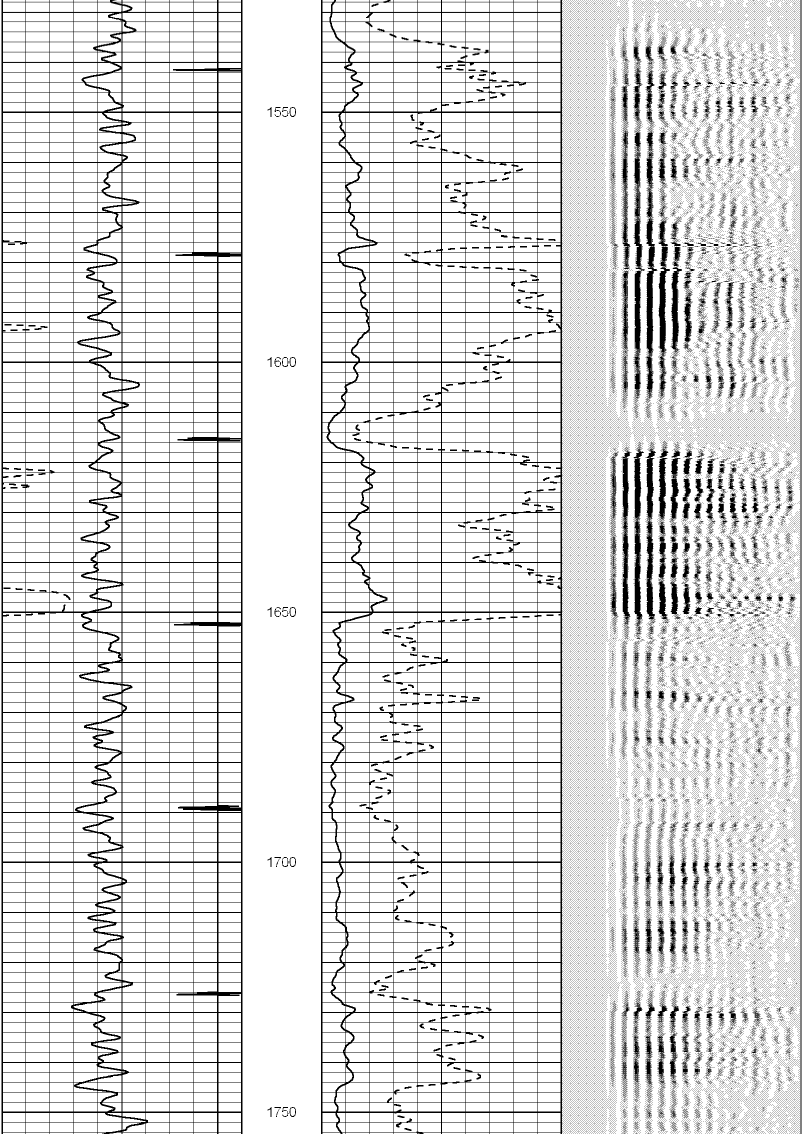


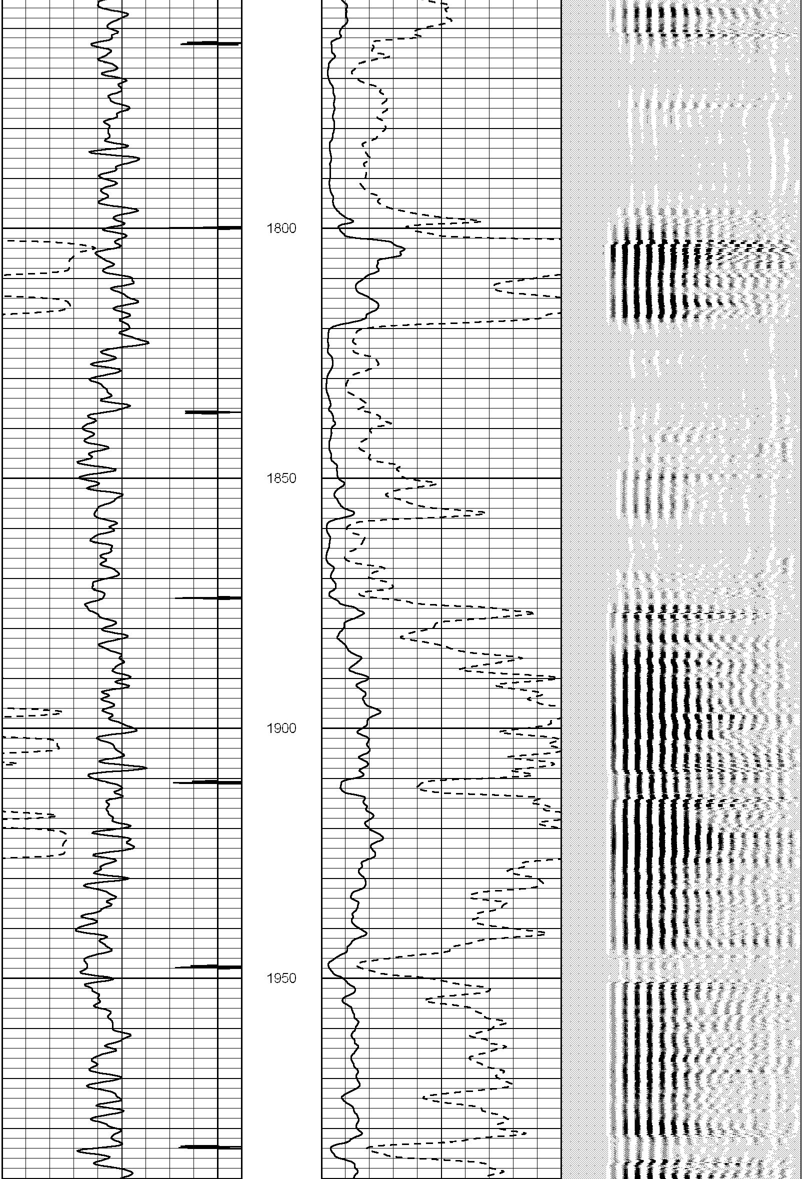


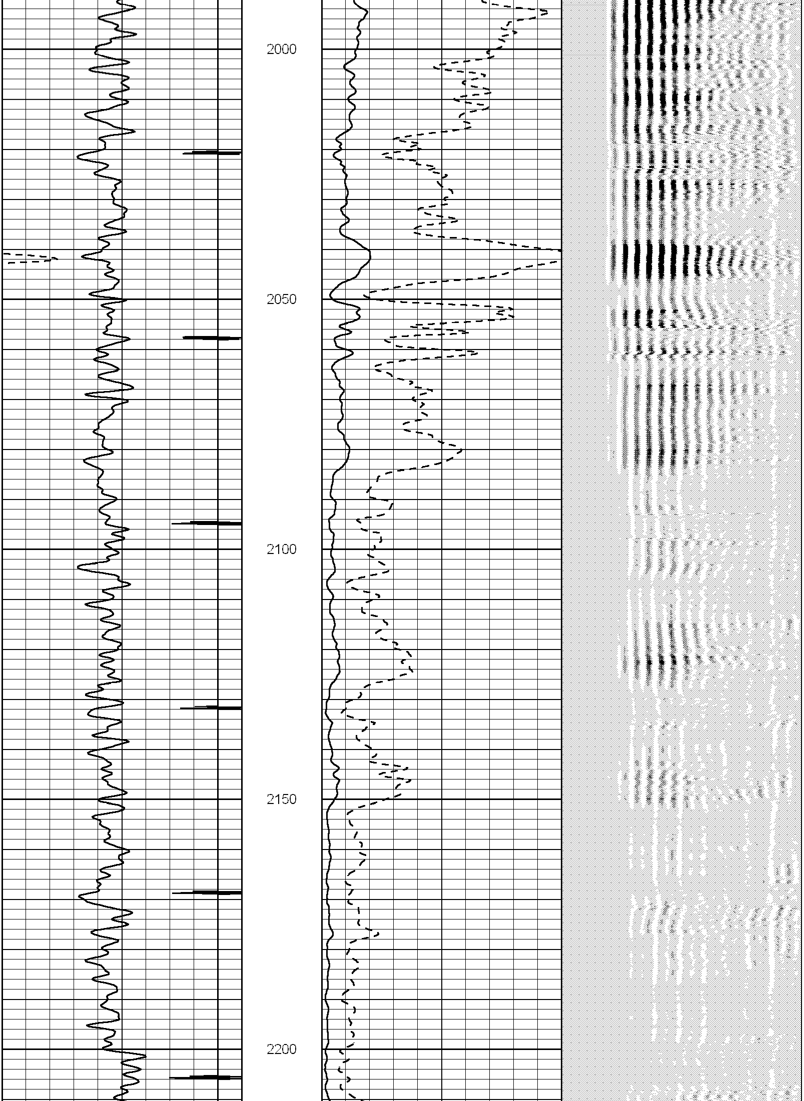


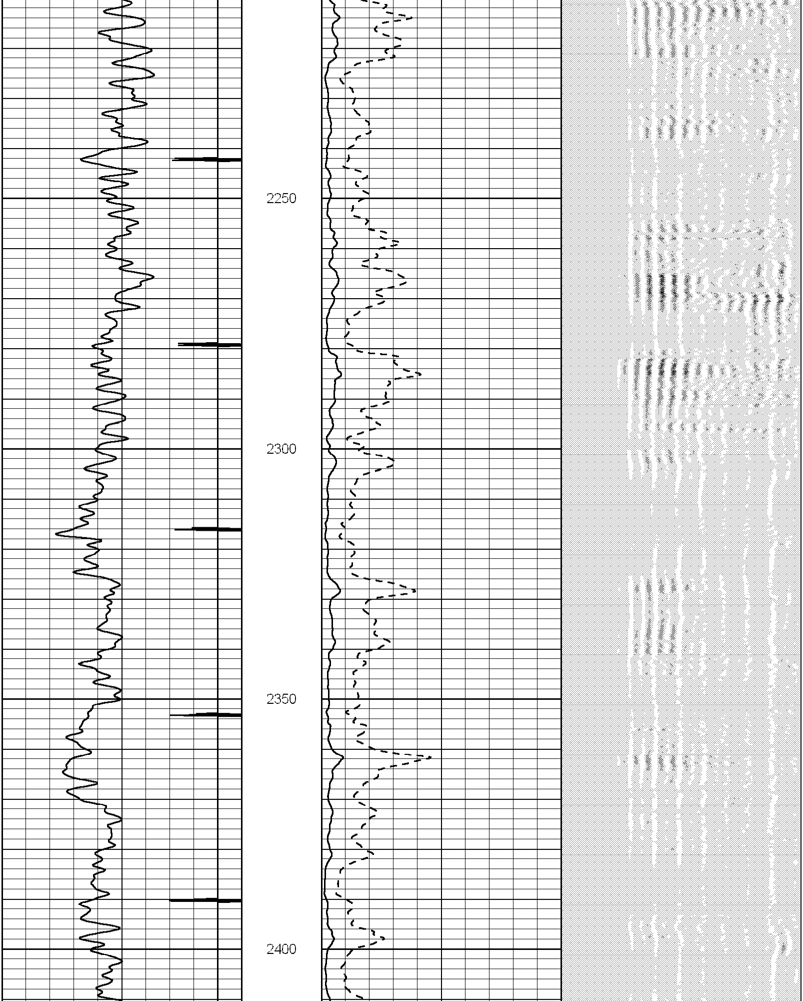


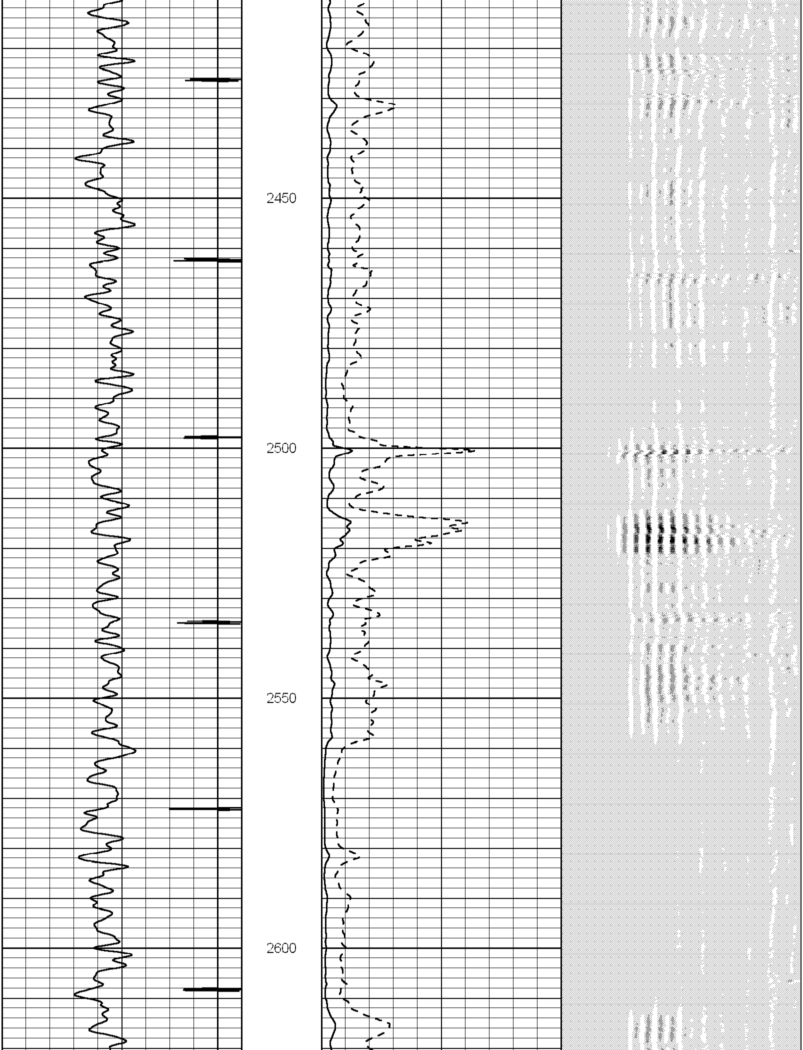


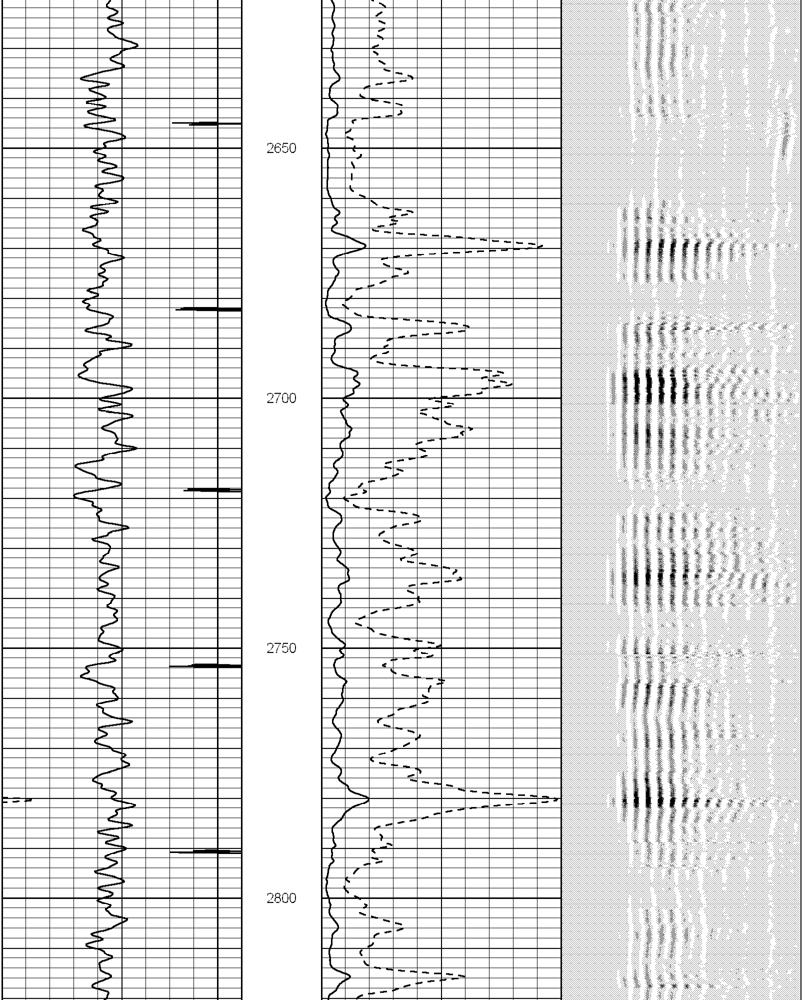


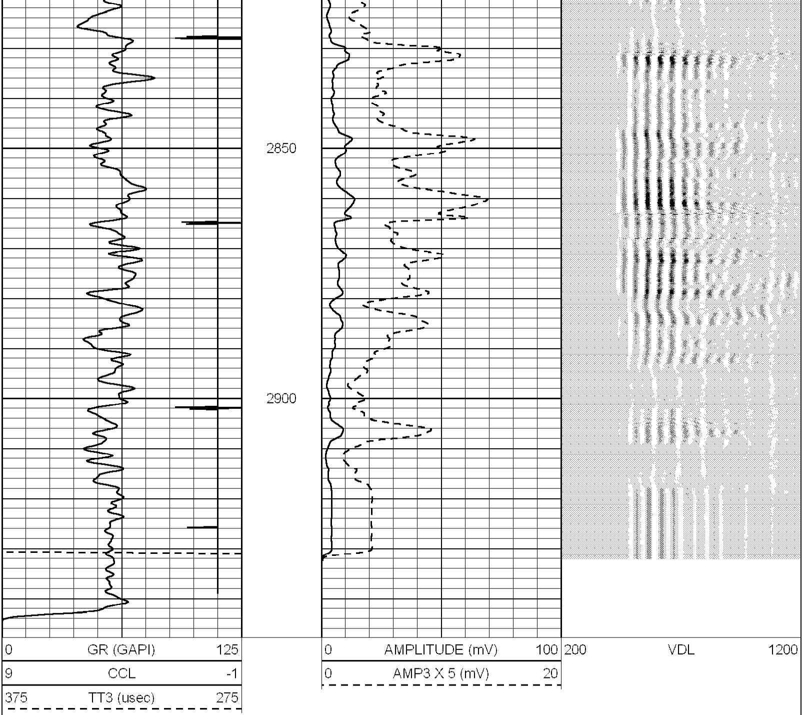










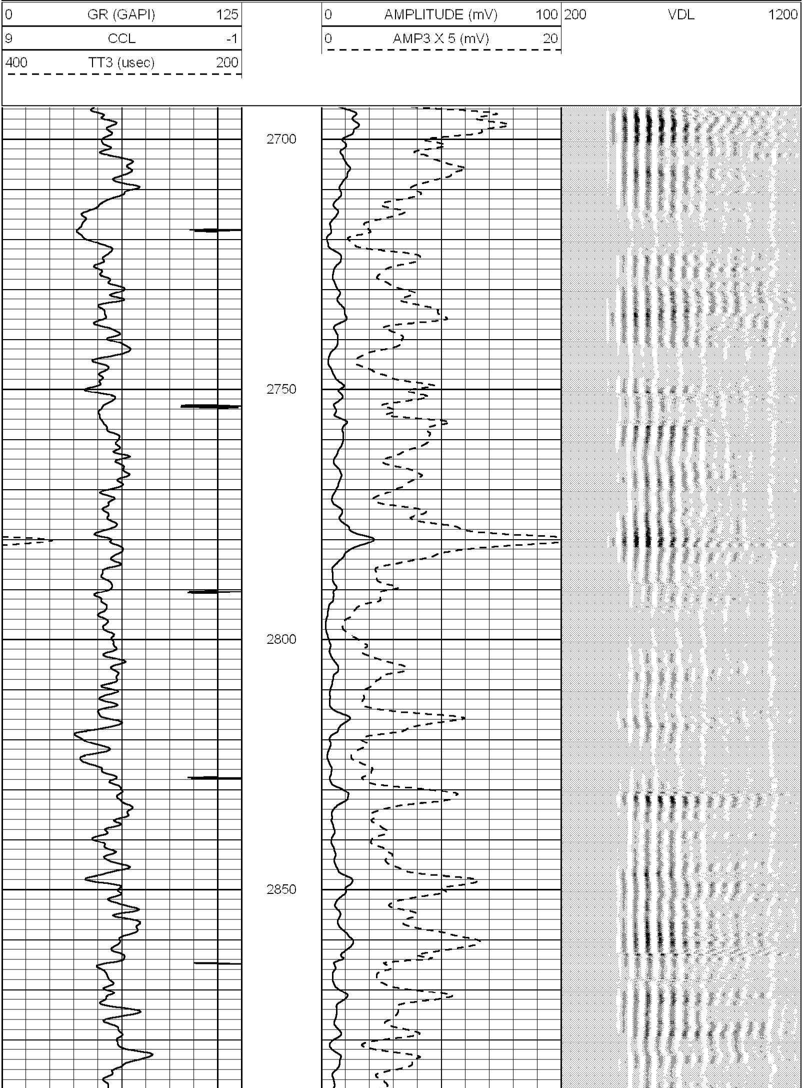


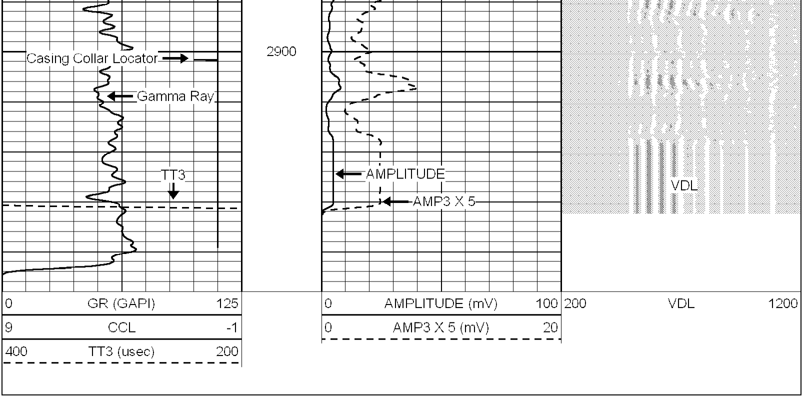
BWWC

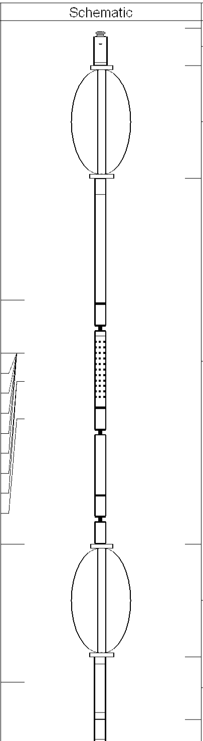
Black Warrior Wireline Corporation

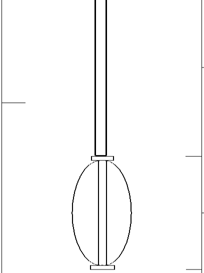
REPEAT PASS

Database File:	bridge espino 1-2.db
Dataset Pathname:	pass5.1
Presentation Format:	bondsect
Dataset Creation:	Wed May 05 18:30:26 2010 by Calc Std Casedhole 09061
Charted by:	Depth in Feet scaled 1:240





Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD01	1.00	1.44	1.00
			LTEC-1.68 LTEC Six Arm	3.00	1.69	15.00
TEMP	18.92					
WVFS1	17.50		SCBL104T-104T (104T-003) Tekco 1 11/16" Sector Bond / Temp	9.75	1.69	53.00
WVFS2	17.50					
WVFS3	17.50					
WVFS4	17.50					
WVFS5	17.50					
WVFS6	17.50					
WVF3FT	16.75					
WVFCAL	16.75					
WVF5FT	15.75					
WVFTEMP	12.42					
			LTEC-1.68 LTEC Six Arm	3.00	1.69	15.00
CCL	8.75		CCL-Titan340 (340-001) Titan 1 11/16" Logging CCL	1.67	1.69	7.00

GR	4.43		GR-Titan340 (340-001) Titan 1 11/16" Gamma Ray Scint	4.75	1.69	20.00
			LTEC-1.68 LTEC Six Arm	3.00	1.69	15.00

Dataset:	bridge espino 1-2.db: field/well/run1/pass5
Total Length:	26.17 ft
Total Weight:	126.00 lb
O.D.	1.69 in