Company BLACK RAVEN
Well NICHOLS #2
Field ADENA
County WELD
State COLO

JW WIRELINE COMPANY

GAMMA RAY CCL CEMENT BOND VDL

Company BLACK RAVEN
Well NICHOLS #2
Field ADENA
County WELD State COLO

Location: API # : 05-087-05248
NW/NW NE
SEC 24 TWP 1N RGE 58W

Permanent Datum GL Elevation 4584
Log Measured From GL
Drilling Measured From KB

Other Services

Elevation
K.B. 4595
D.F. 4594
G.L. 4584

Date	12-13-13
Run Number	ONE
Depth Driller	5750
Depth Logger	
Bottom Logged Interval	5690
Top Log Interval	3900
Open Hole Size	7 7/8
Type Fluid	WATER
Density / Viscosity	
Max. Recorded Temp.	
Estimated Cement Top	4082
Time Well Ready	10:00AM
Time Logger on Bottom	10:45AM
Equipment Number	2829
Location	STERLING
Recorded By	MIKE ADAMSON
Witnessed By	BILLY HADAWAY

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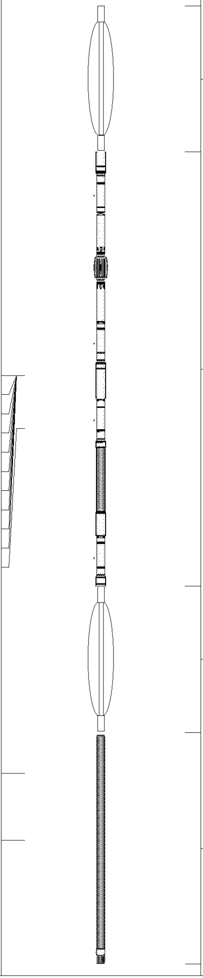
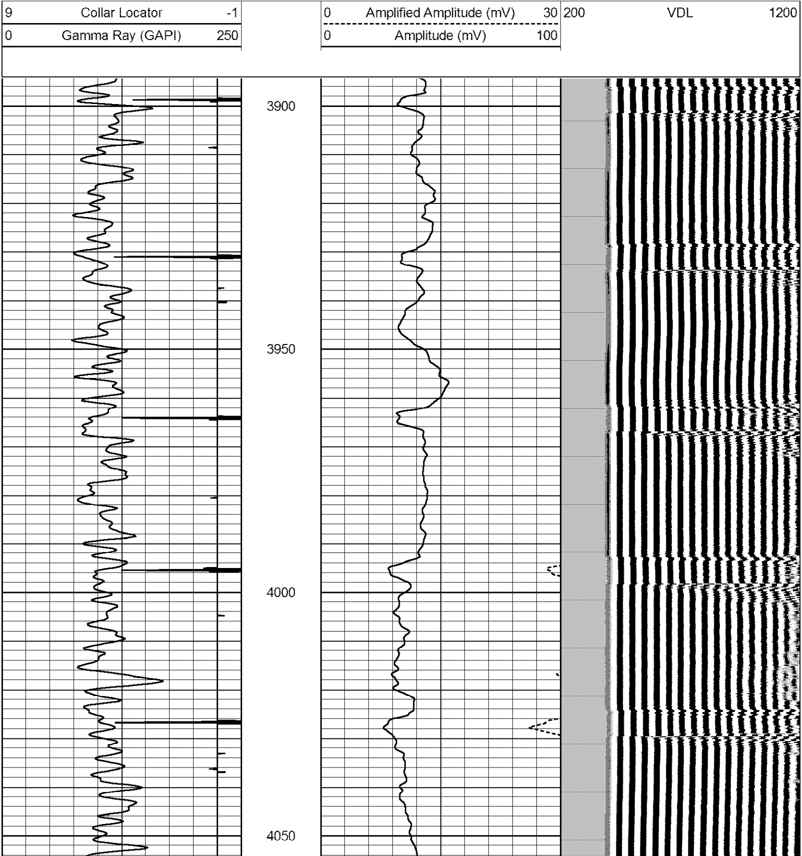
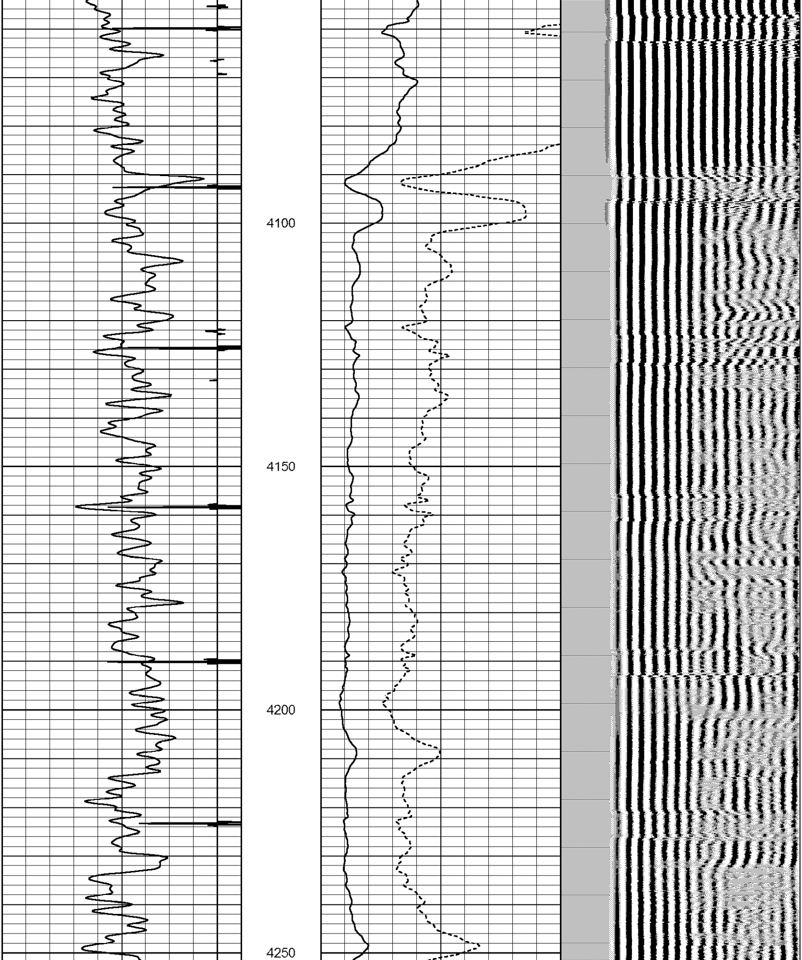
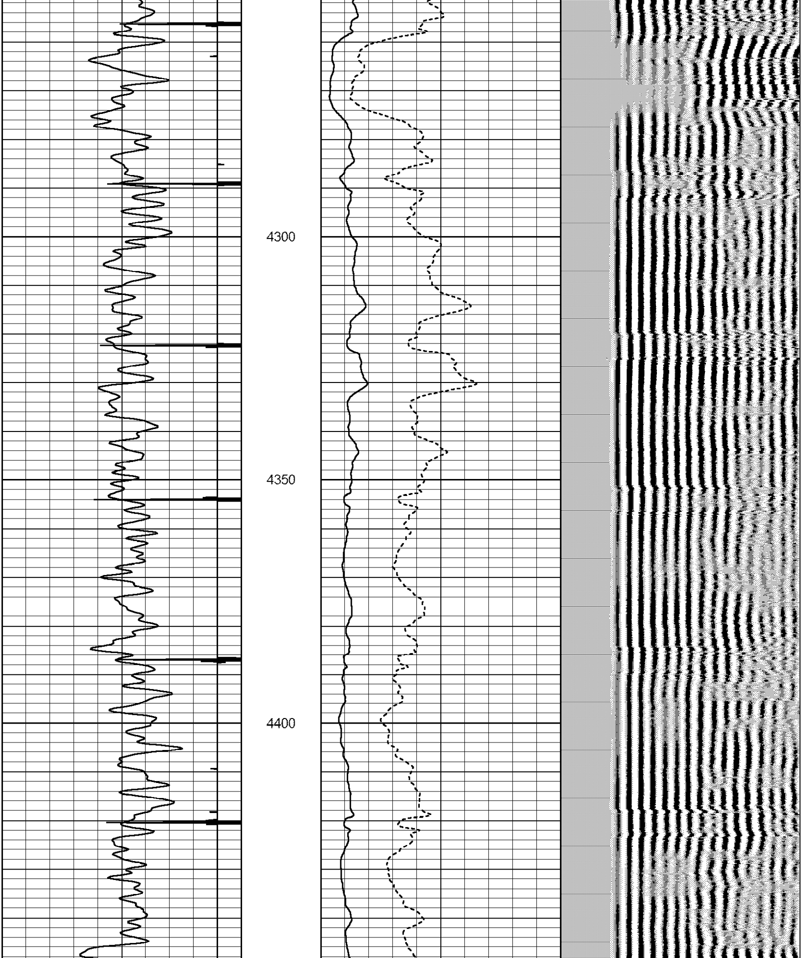
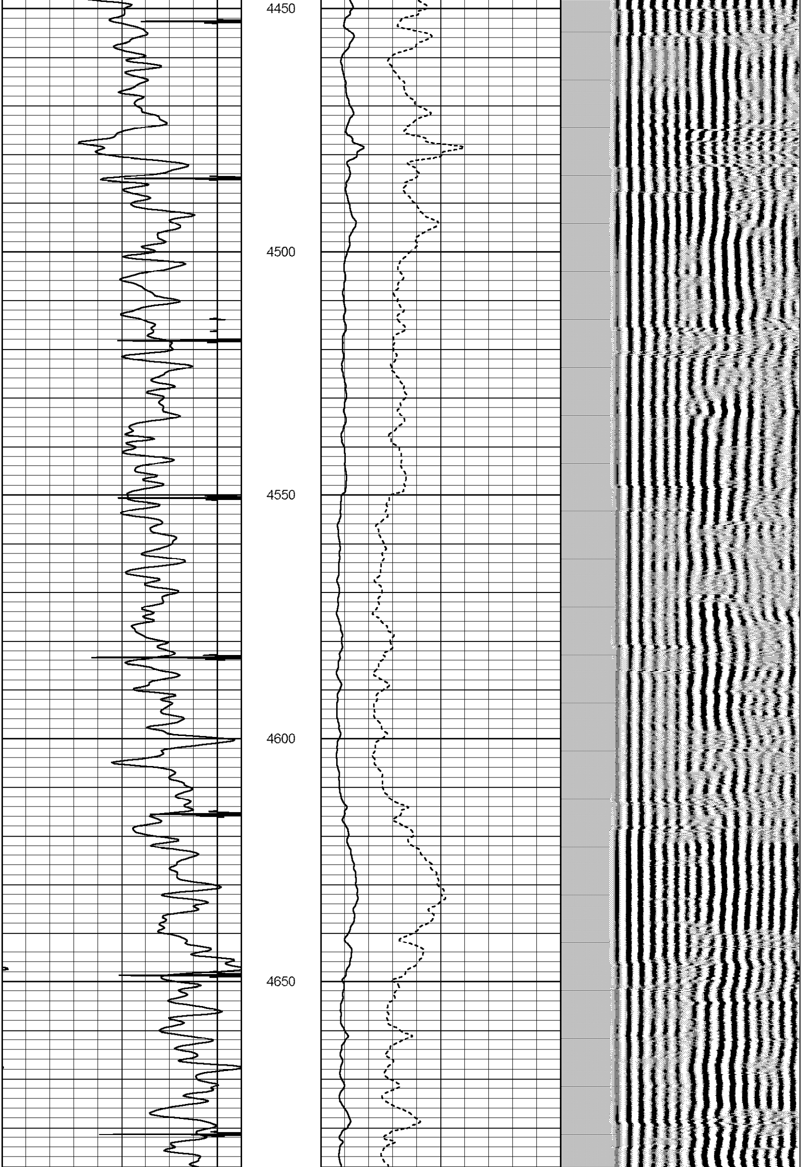
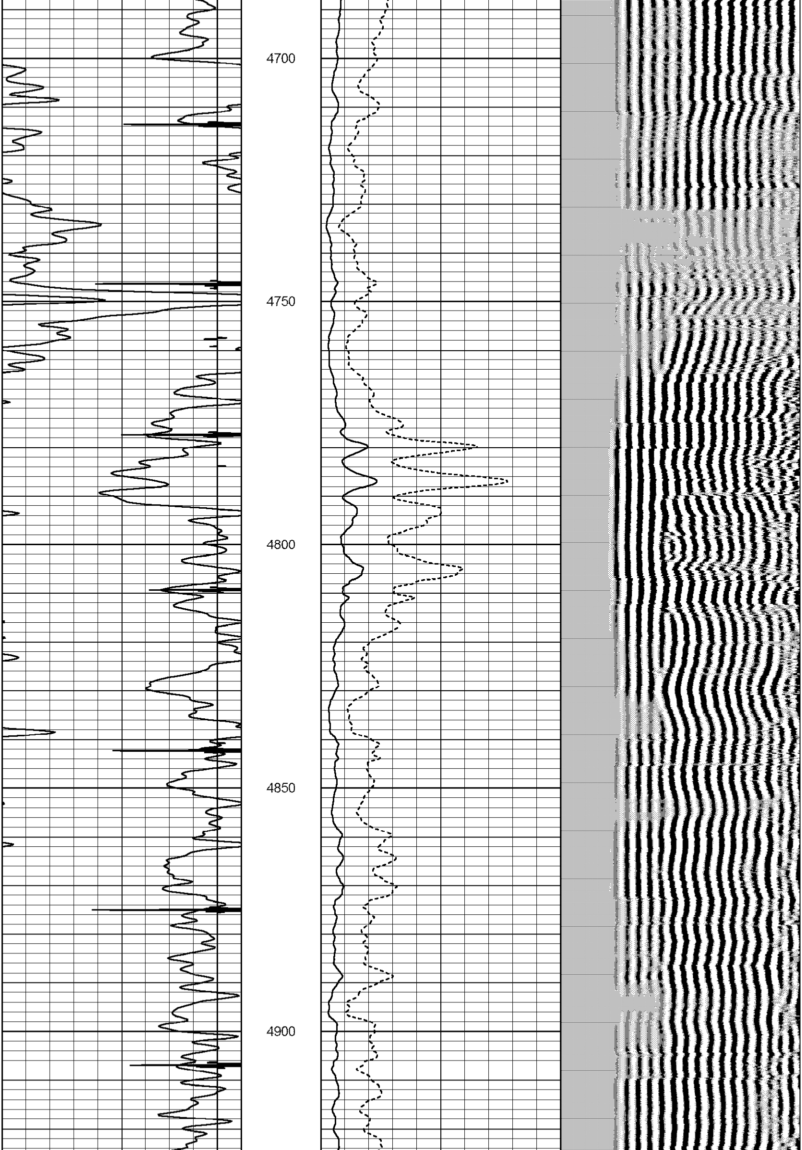
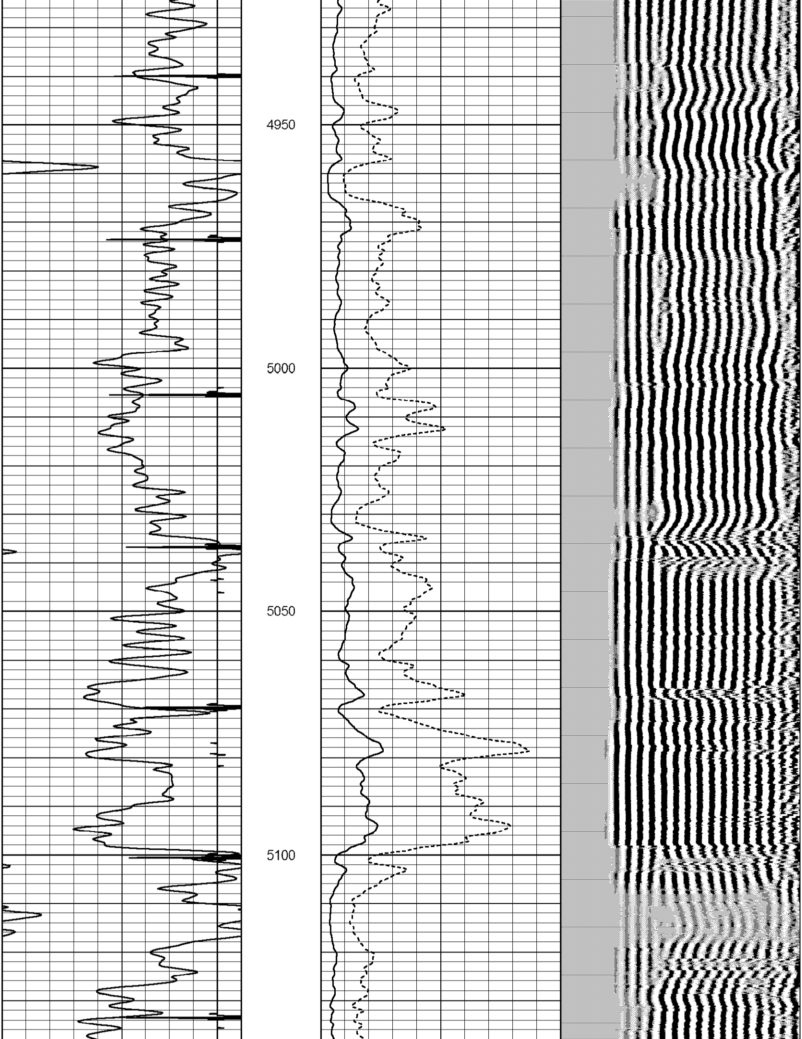
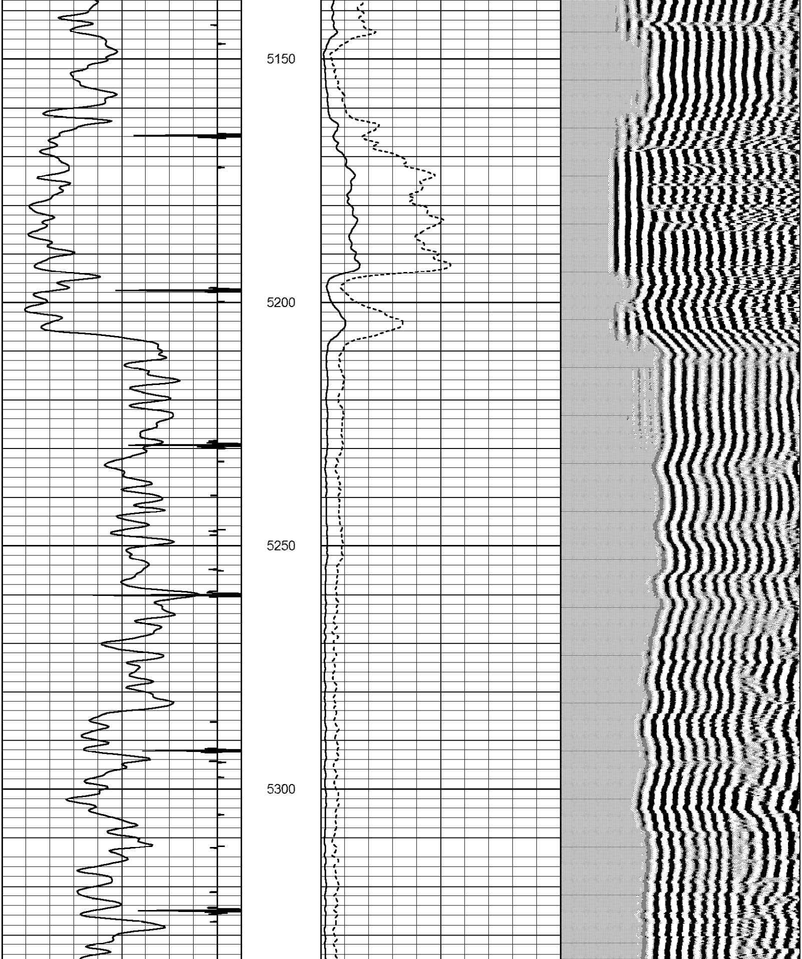
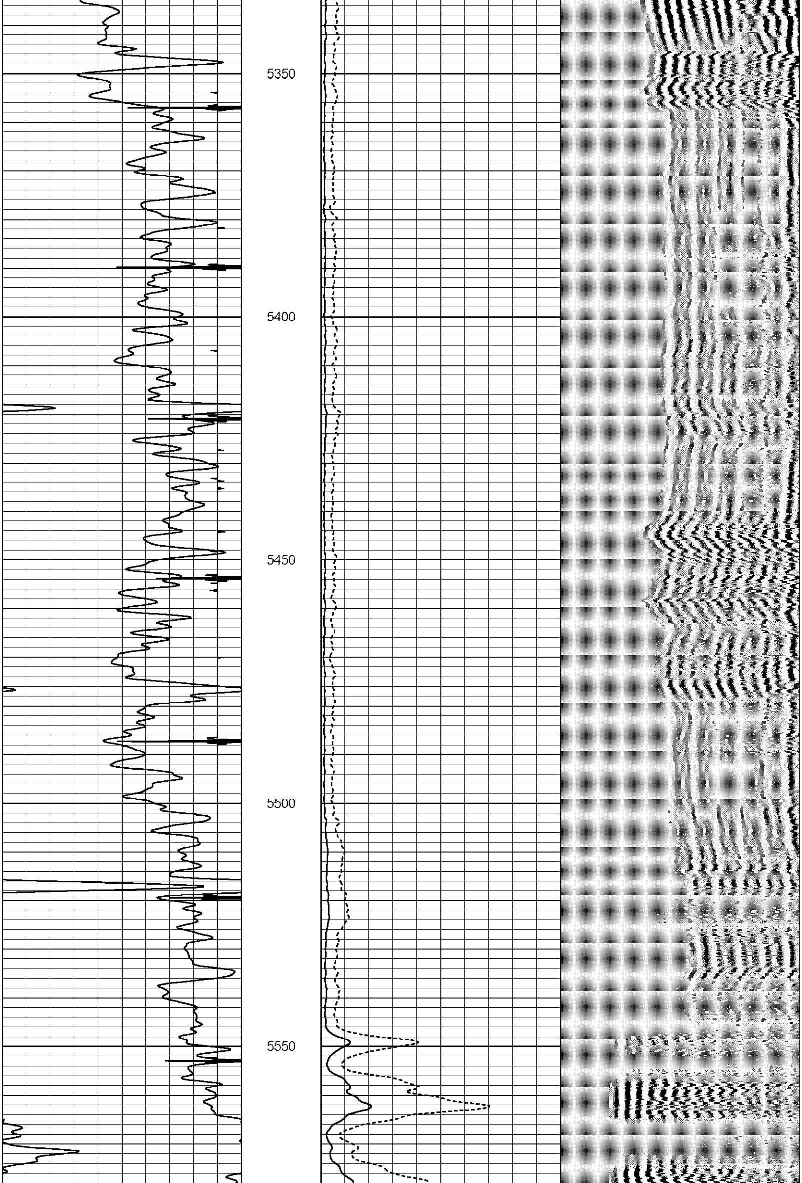
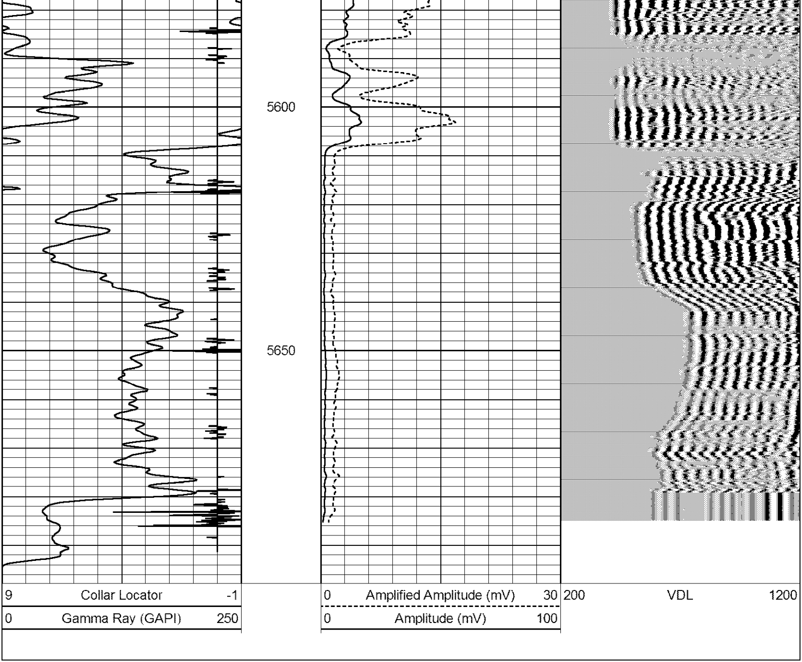
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

CORROLATED TO ELECTRA LOG

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CENT-Probe (Probe1) PROBE 2.75 CENT	3.00	2.75	25.00
WVF3FT	12.08		RBT-Probe (4.5040904) Probe Radii Bond Tool with Digital Telemetry	8.92	2.75	90.00
WVFCAL	12.08					
WVFS1	12.08					
WVFS2	12.08					
WVFS3	12.08					
WVFS4	12.08					
WVFS5	12.08					
WVFS6	12.08					
WVFS7	12.08					
WVFS8	12.08					
WVF5FT	11.00					
			CENT-Probe (Probe2) PROBE 2.75 CENT	3.00	2.75	25.00
CCL	3.92					
GR	2.54		GR-Probe275dig (pr051112) Probe Digital Gamma CCL	4.75	2.75	57.00

Dataset:	nichols #2.db: field/well/run1/pass7
Total Length:	19.67 ft
Total Weight:	197.00 lb
O.D.	2.75 in

Database File: nichols #2.db
Dataset Pathname: pass7
Presentation Format: scbl_dr
Dataset Creation: Fri Dec 13 11:16:59 2013 by Log SCH 111116
Charted by: Depth in Feet scaled 1:240