WARRIOR
ENERGY SERVICES

Radial Cement Bond Log
Gamma Ray
CCL

Company	Kerr McGee Oil and Gas
Well	DOVE 5N-13HZ
Field	WATTENBERG
County	WELD
State	COLORADO

Company Kerr McGee Oil and Gas
Well DOVE 5N-13HZ
Field WATTENBERG
County WELD State COLORADO
Location: API #: 05-123-35901
SHL: 500' FNL & 593' FEL NW/NW
SEC 12 TWP 2N RGE 66W

Other Services

Permanent Datum GL Elevation 5000'
Log Measured From K.B. 25'
Drilling Measured From KB

Elevation
K.B. 5025'
D.F. 5024
G.L. 5000'

Date	6-18-2013
Run Number	ONE
Depth Driller	14514
Depth Logger	7460
Bottom Logged Interval	7456
Top Log Interval	50'
Open Hole Size	N/A
Type Fluid	WATER
Density / Viscosity	1.0
Max. Recorded Temp.	252
Estimated Cement Top	
Time Well Ready	N/A
Time Logger on Bottom	N/A
Equipment Number	5432
Location	GREELEY
Recorded By	M. JANDREAU
Witnessed By	DARIN KIRKPATRICK

Borehole Record / Tubing Record

Run Number	Bit	From	To	Size	Weight	From	To
ONE		SURFACE	1030'				
TWO							

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String			SURFACE	1030'
Prot. String	7	26		
Production String				
Liner	4 1/2	11.6	6605'	14514

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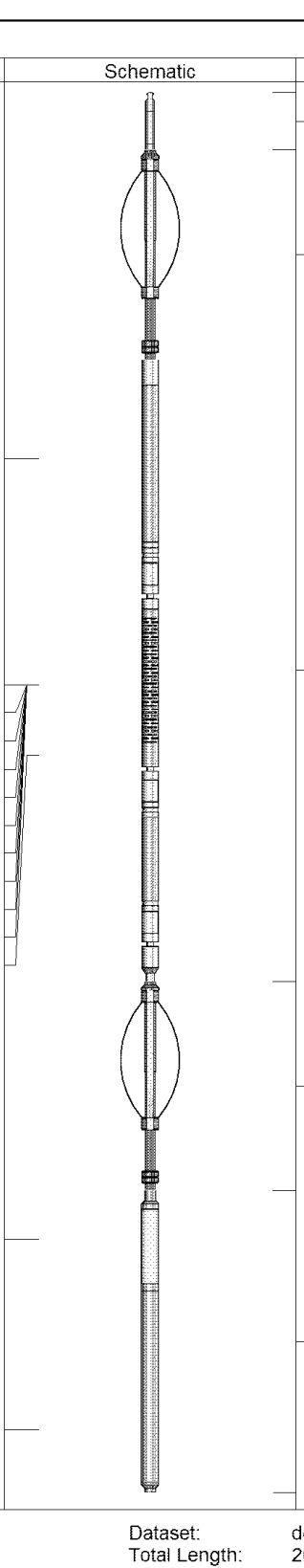
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

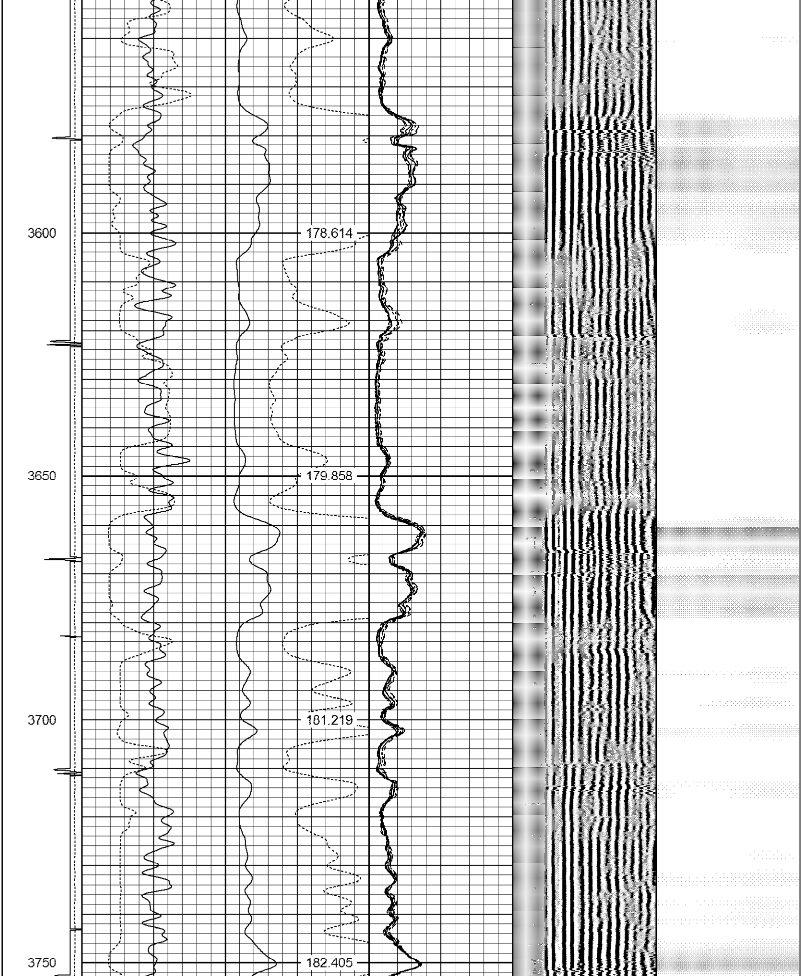
NO OPEN HOLE ZERO AT KB 25'
Logged under 2800 psi
THANK YOU FOR USING WARRIOR ENERGY SERVICES!!!!!

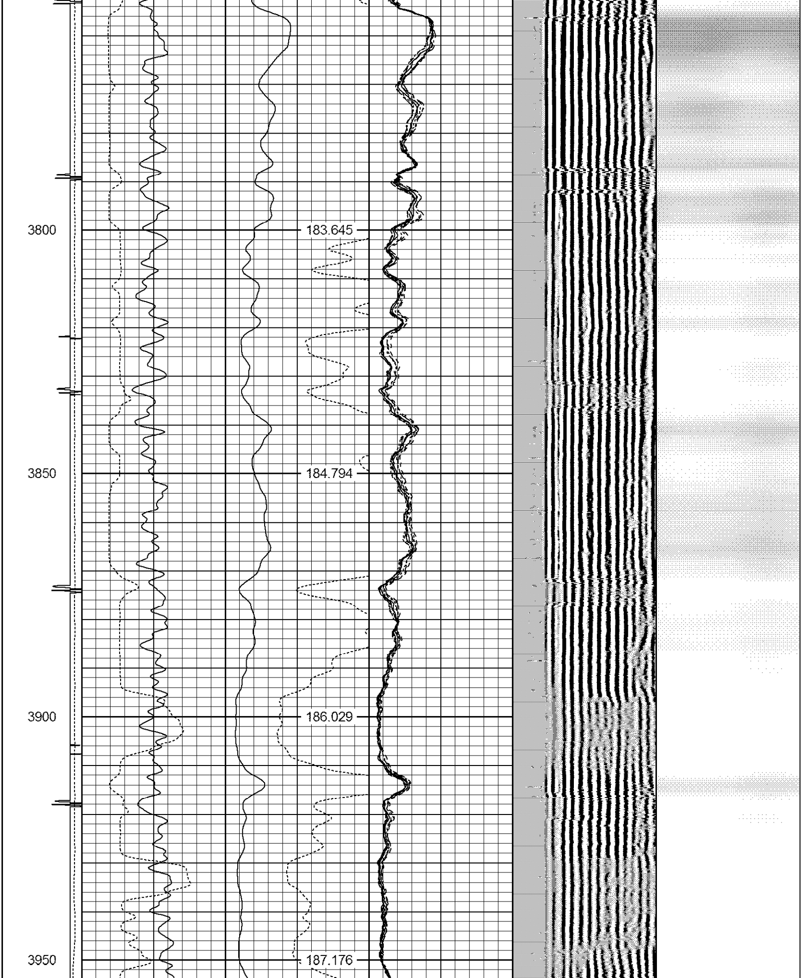
Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			STD-Standard (STNDRD) Standard Cable Head	0.83	1.44	1.00
			Probe	3.00	2.75	40.00
HEADVOLT	16.25					
IntTemp	14.83					
WVF3FT	11.58		RBT-Probe (Base) Probe Radii Bond Tool with Digital Telemetry	8.92	2.75	90.00
WVFCAL	11.58					
WVFS1	11.58					
WVFS2	11.58					
WVFS3	11.58					
WVFS4	11.58					
WVFS5	11.58					
WVFS6	11.58					
WVFS7	11.58					
WVFS8	11.58					
WVF5FT	10.58					
			Probe	3.00	2.75	40.00
CCL	3.64					
			GR-Probe (275) Probe 2.75"	4.33	2.75	30.00
GR	0.90					

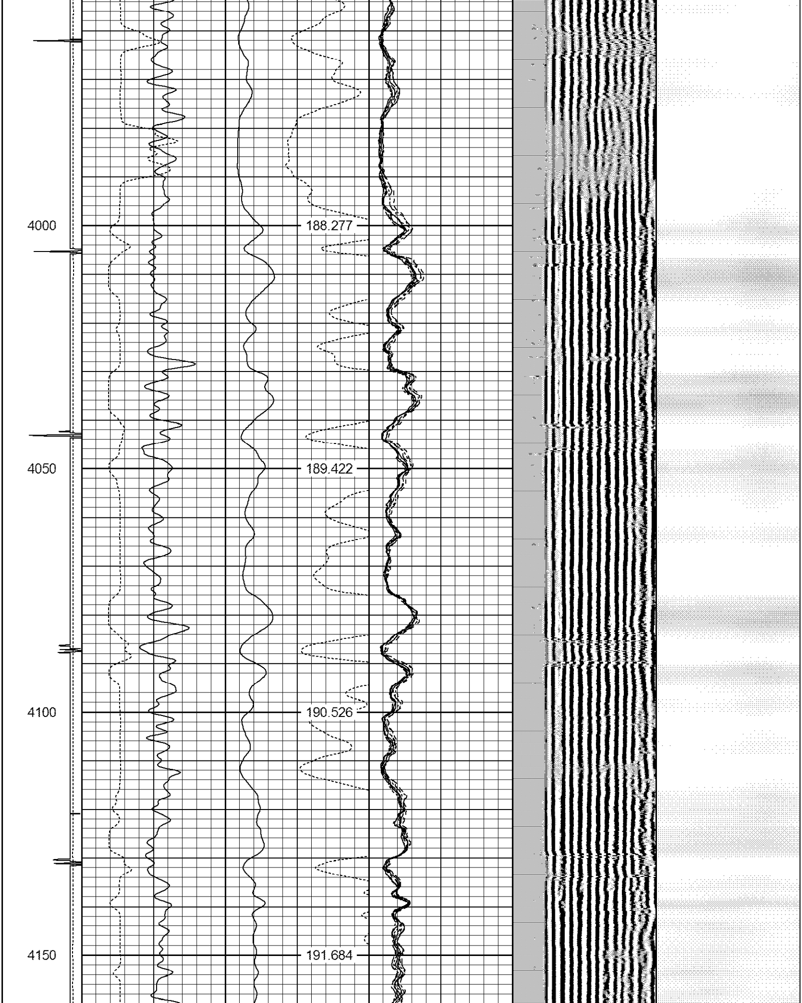
Dataset: dove 5n-13hz.db: field/well/run1/pass4
Total Length: 20.08 ft
Total Weight: 201.00 lb
O.D. 2.75 in

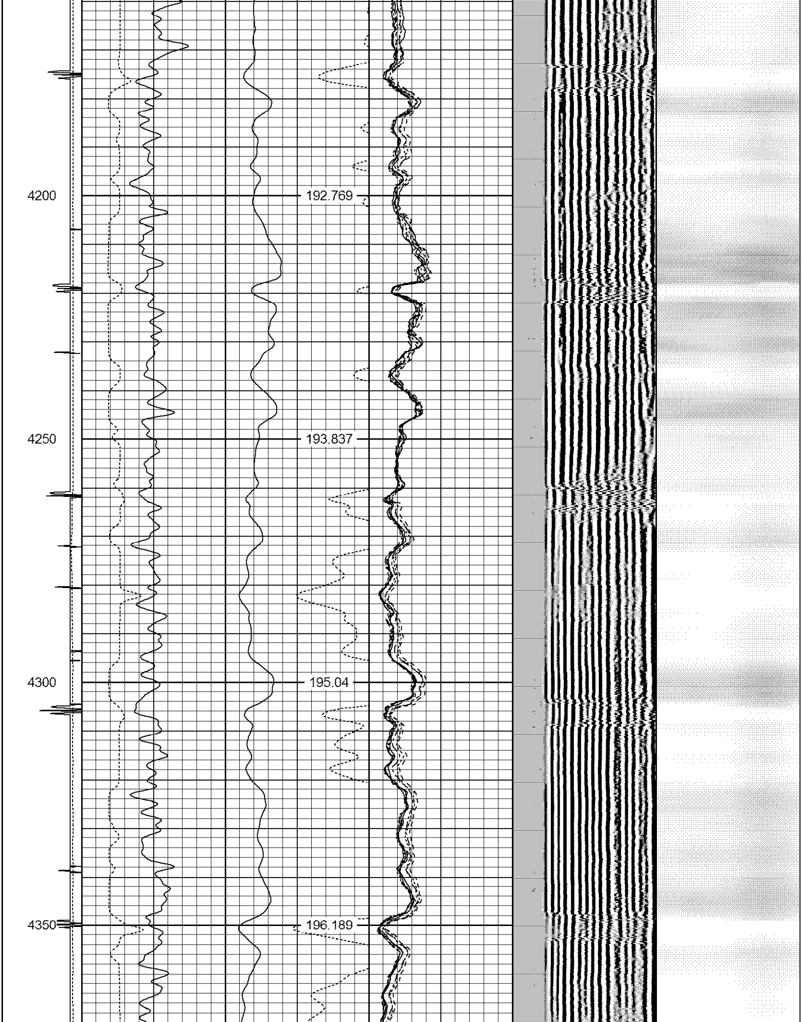
Database File: dove 5n-13hz.db
Dataset Pathname: pass4
Presentation Format: ips_rbt
Dataset Creation: Wed Jul 03 09:44:15 2013 by Log 7.0 B1
Charted by: Depth in Feet scaled 1:240

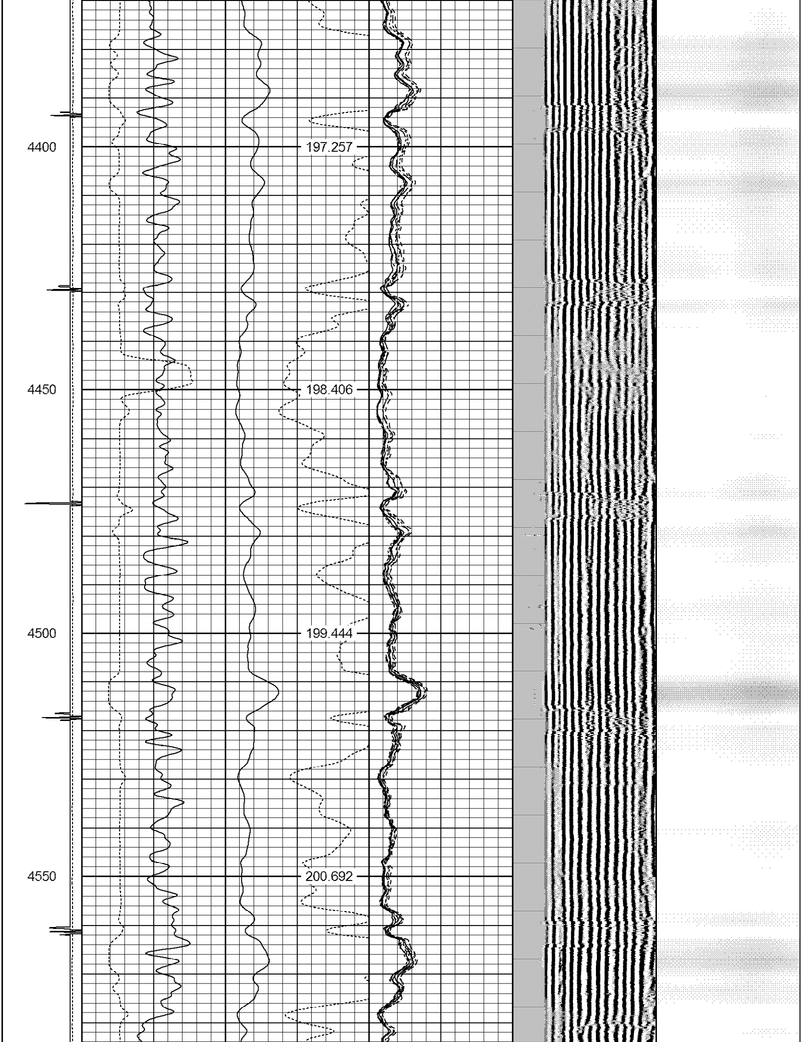
-6 CCL 1	200 TT (usec) 800	0 AMP (mV) 100	0 AMPS1 100	200 VDL 1200	1 Cement Map 8	
LSPD (ft/min) 0 100	0 GR (GAPI) 200	0 AMPx5 (mV) 20	0 AMPS2 100		10 85	
	200 GR (GAPI) 400	IntTemp (degF)	0 AMPS3 100			
			0 AMPS4 100			
			0 AMPS5 100			
			0 AMPS6 100			
			0 AMPS7 100			
			0 AMPS8 100			

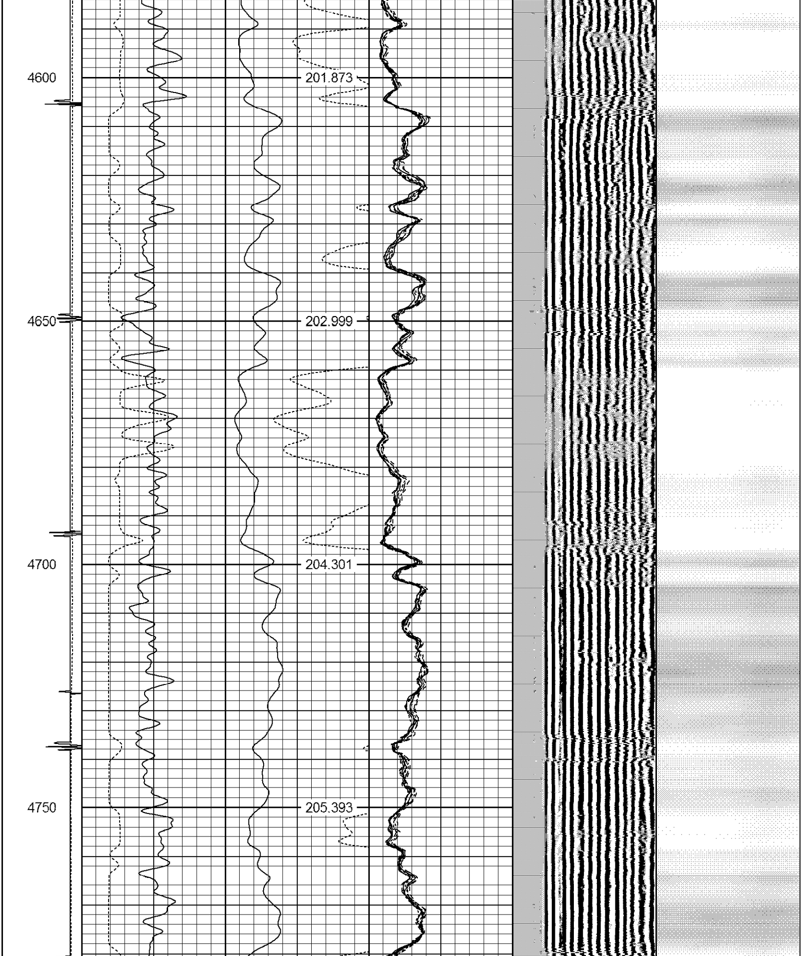


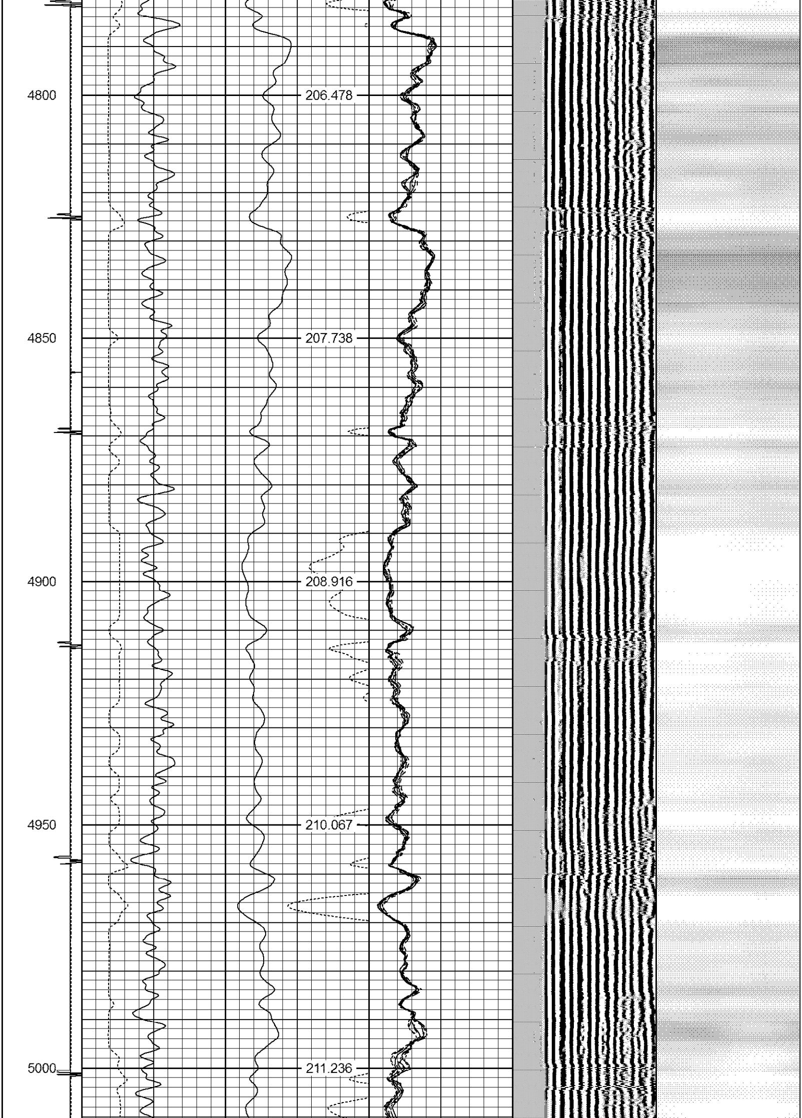


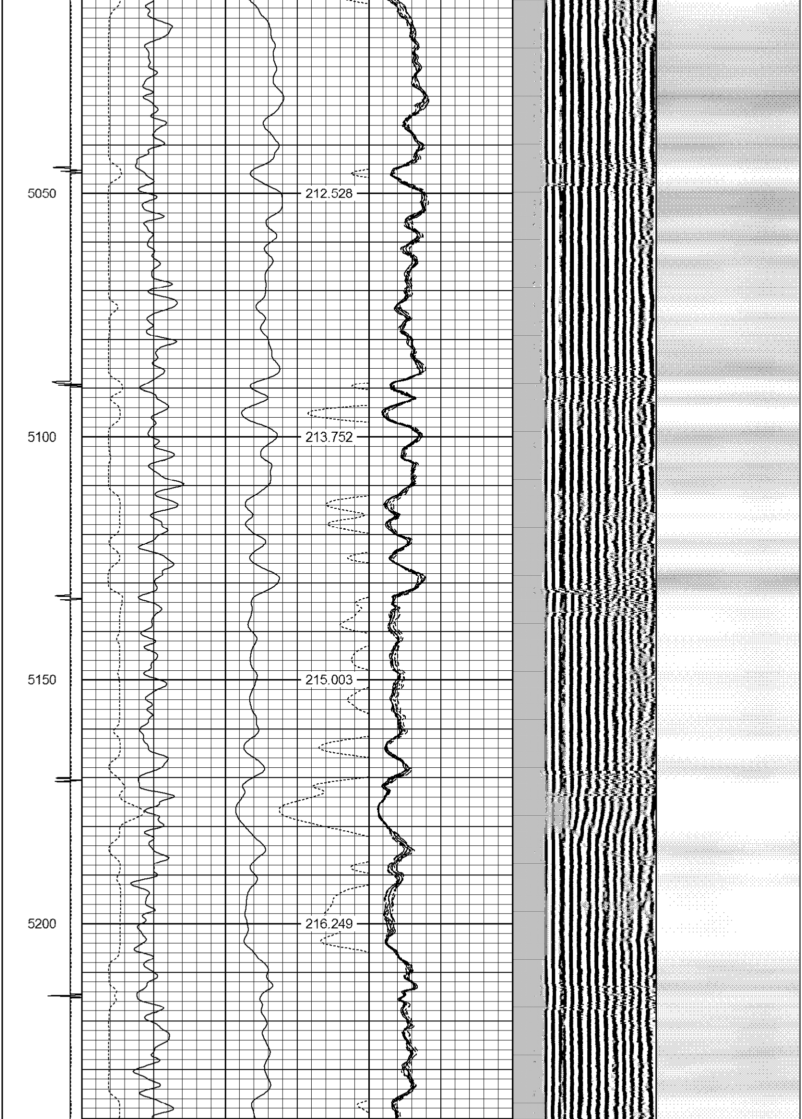


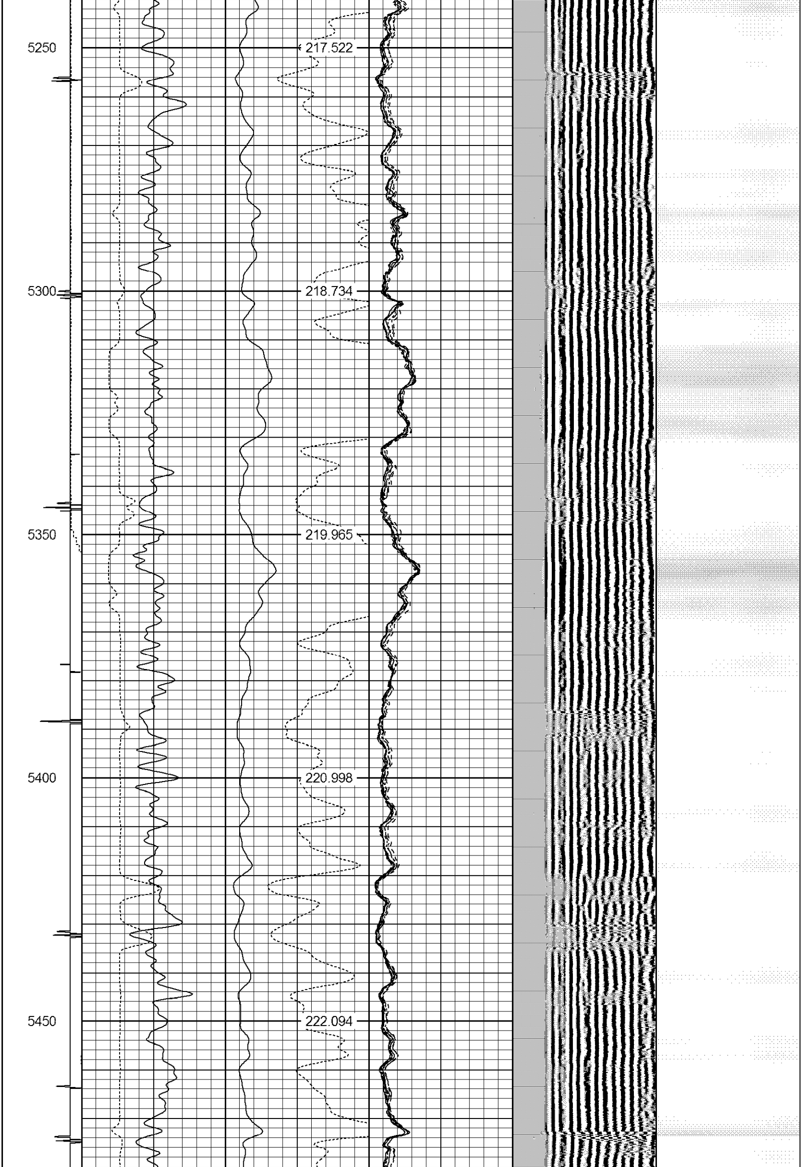


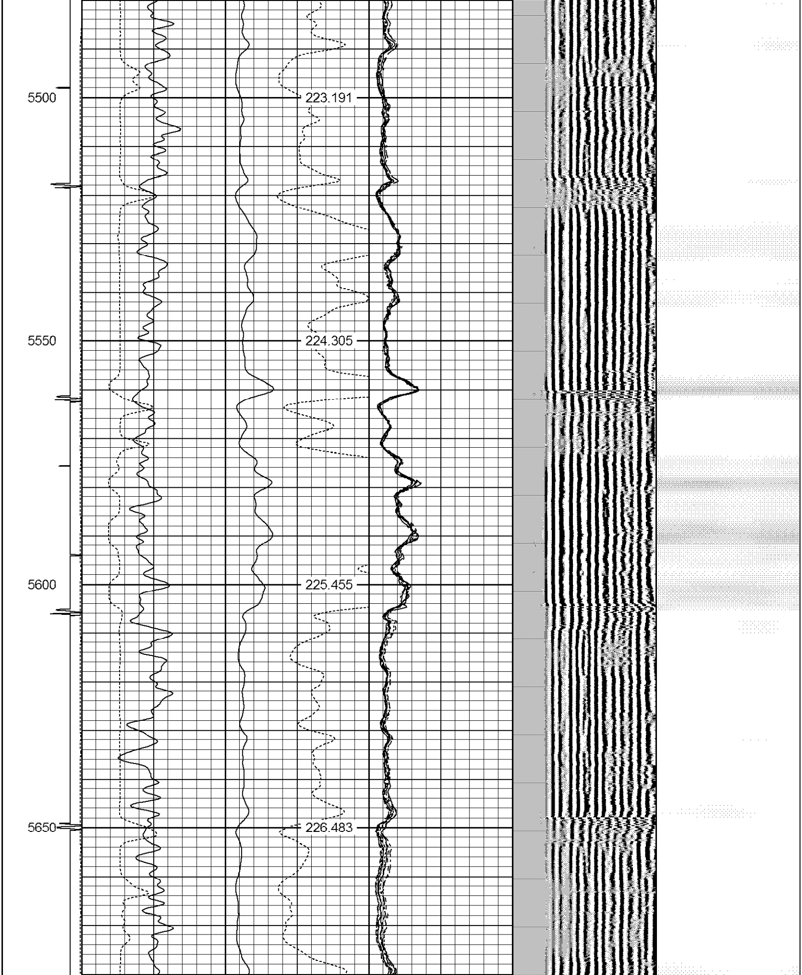


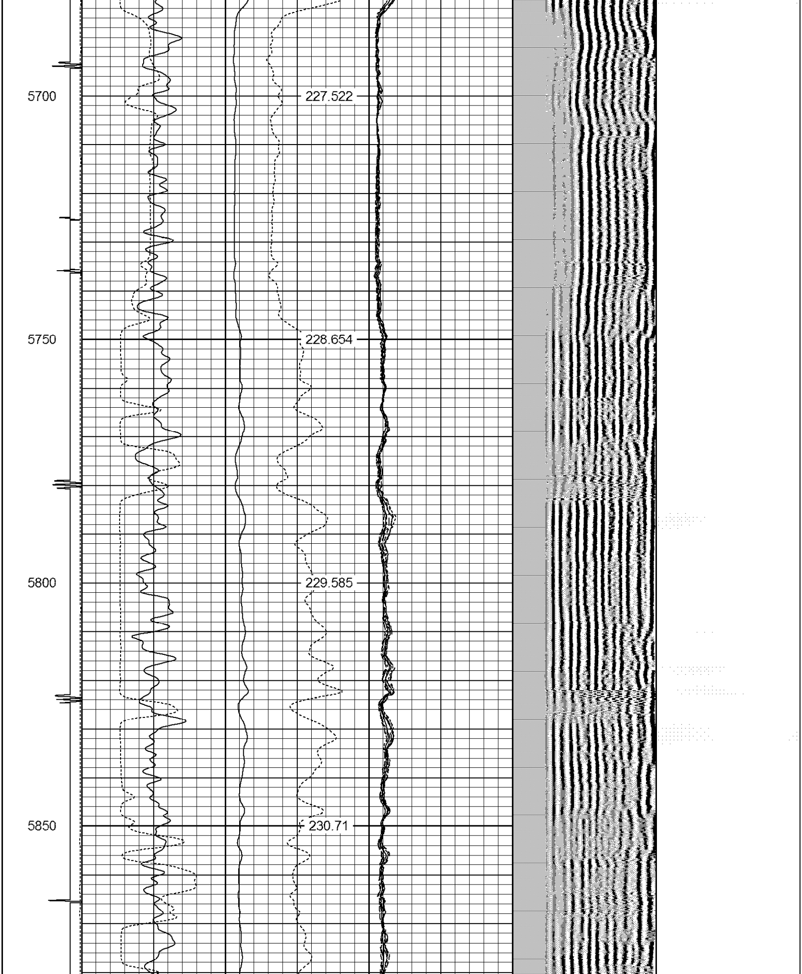


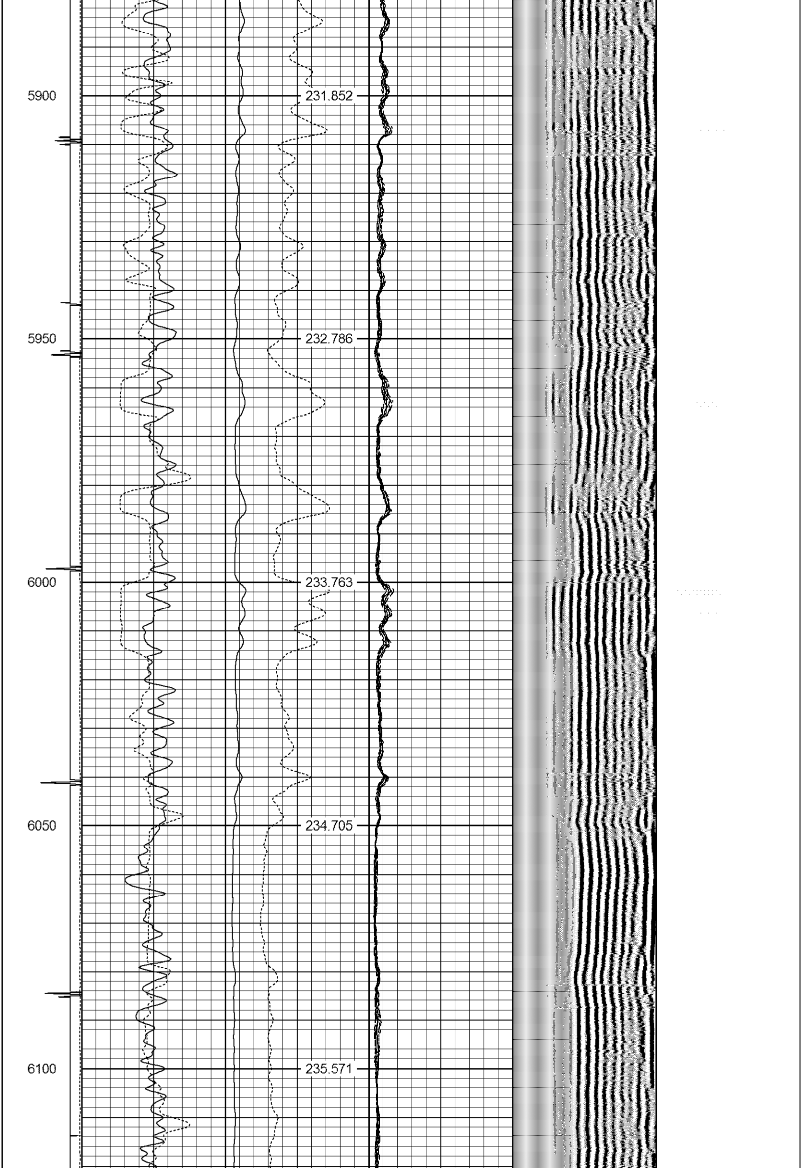


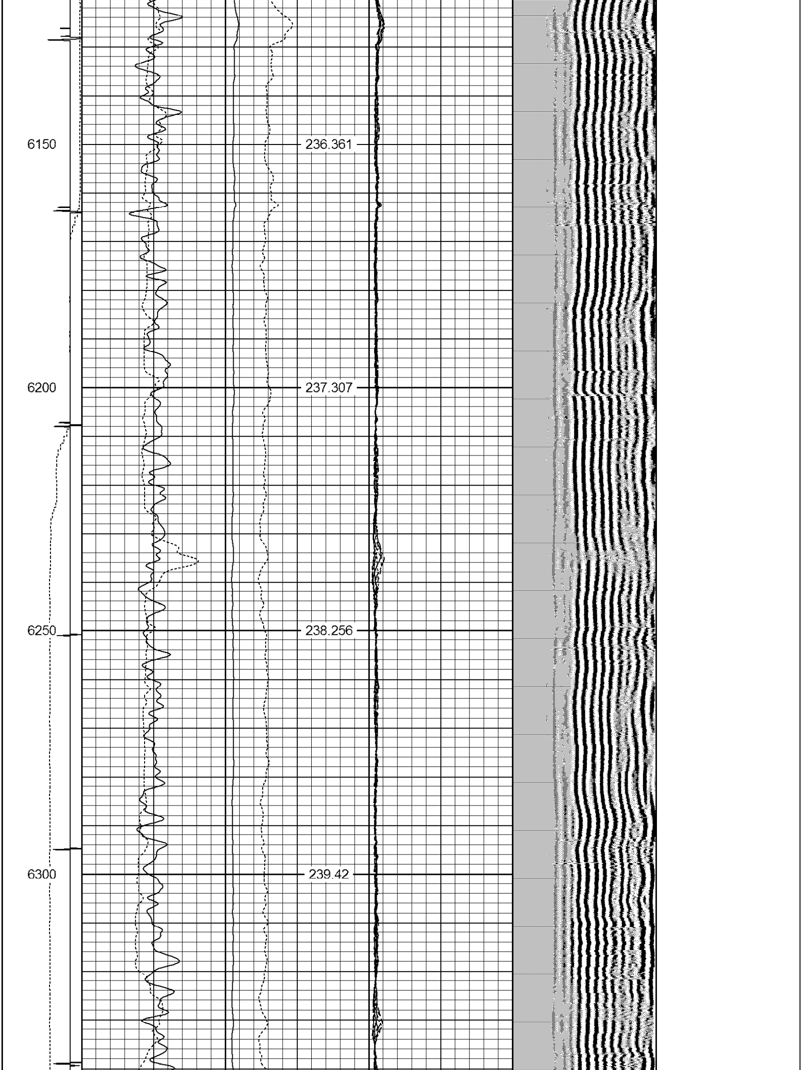


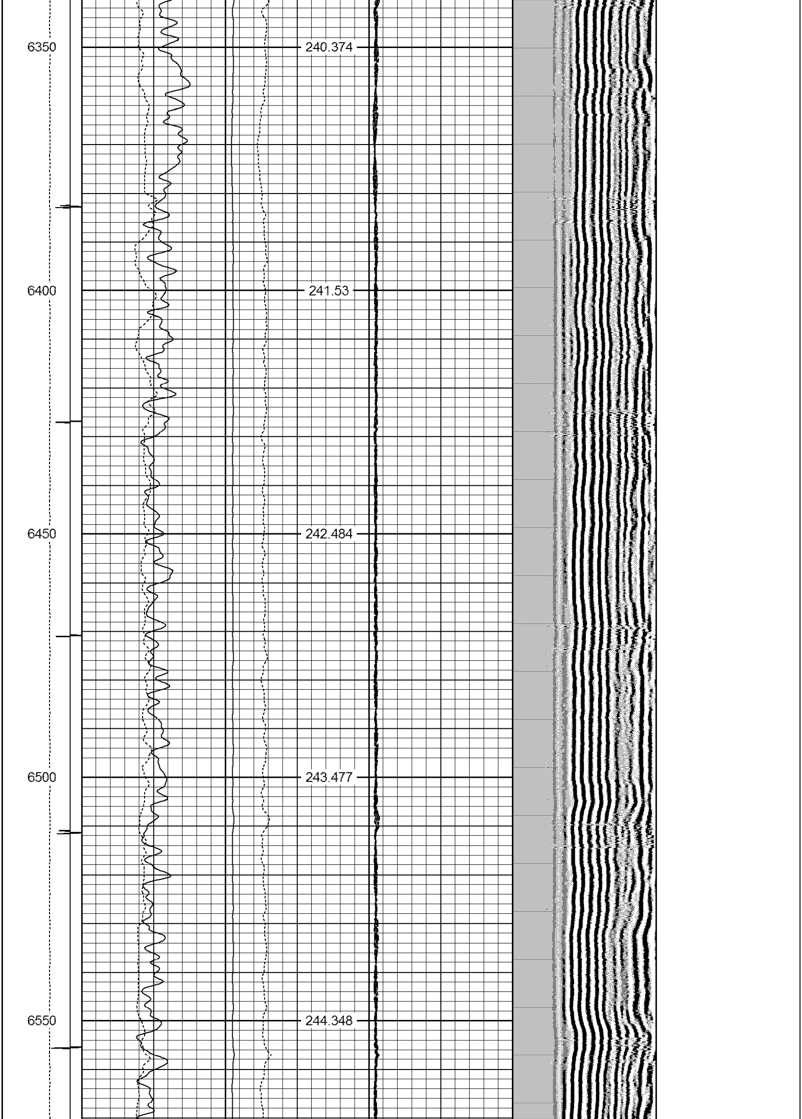


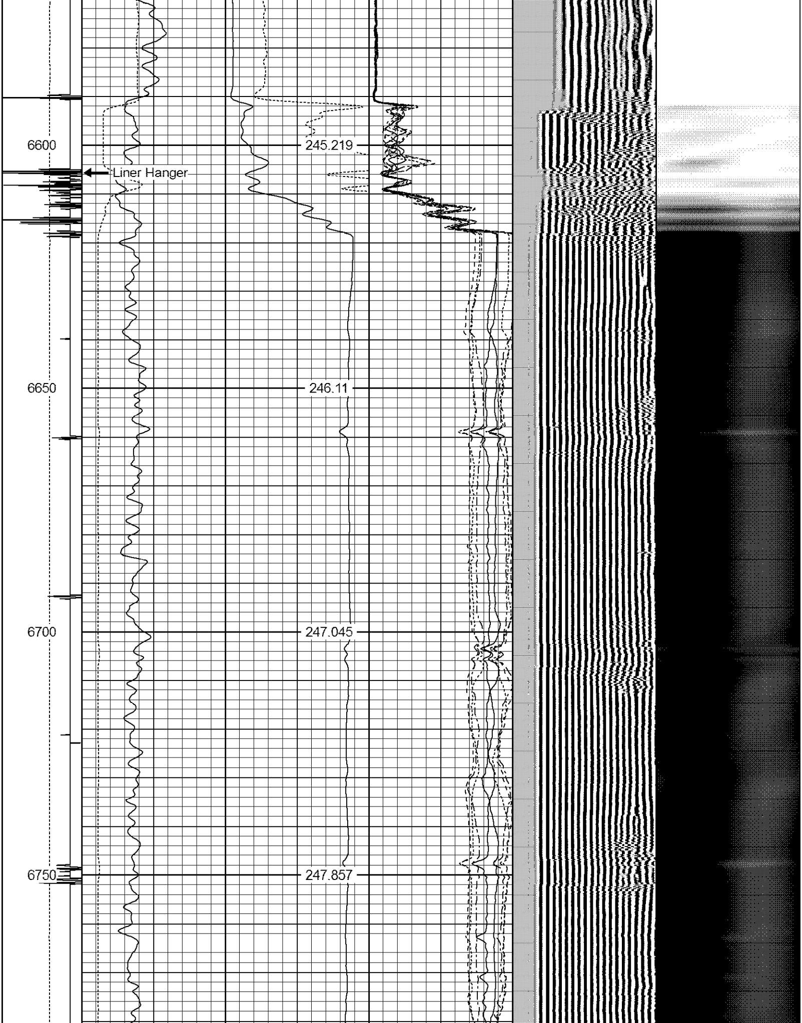


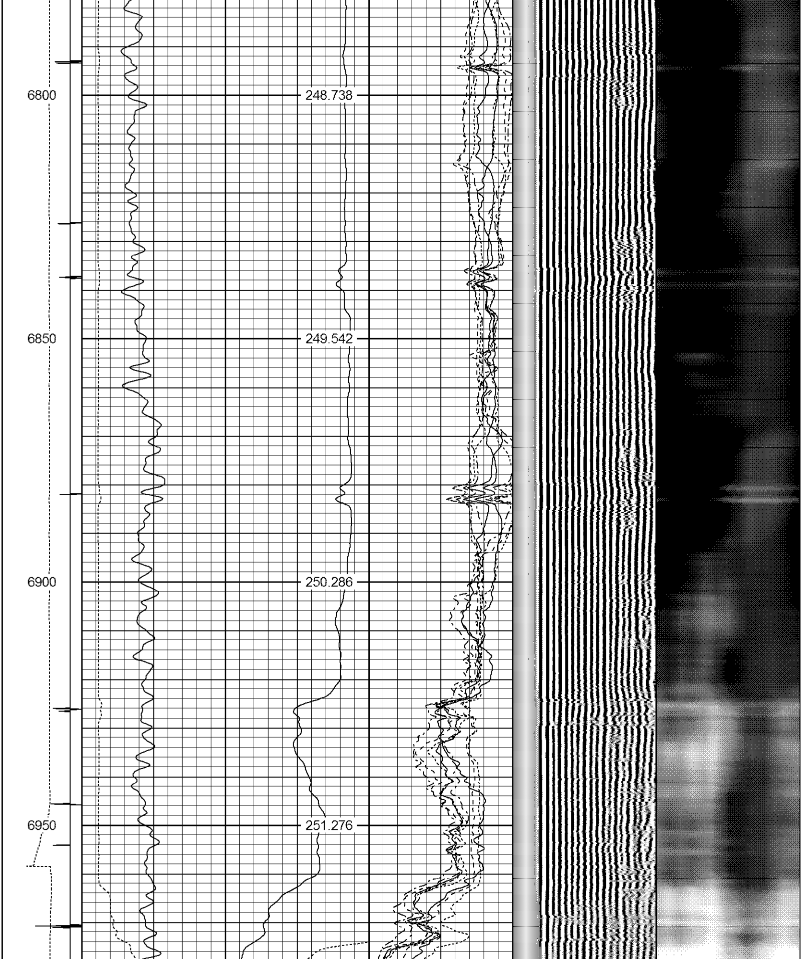


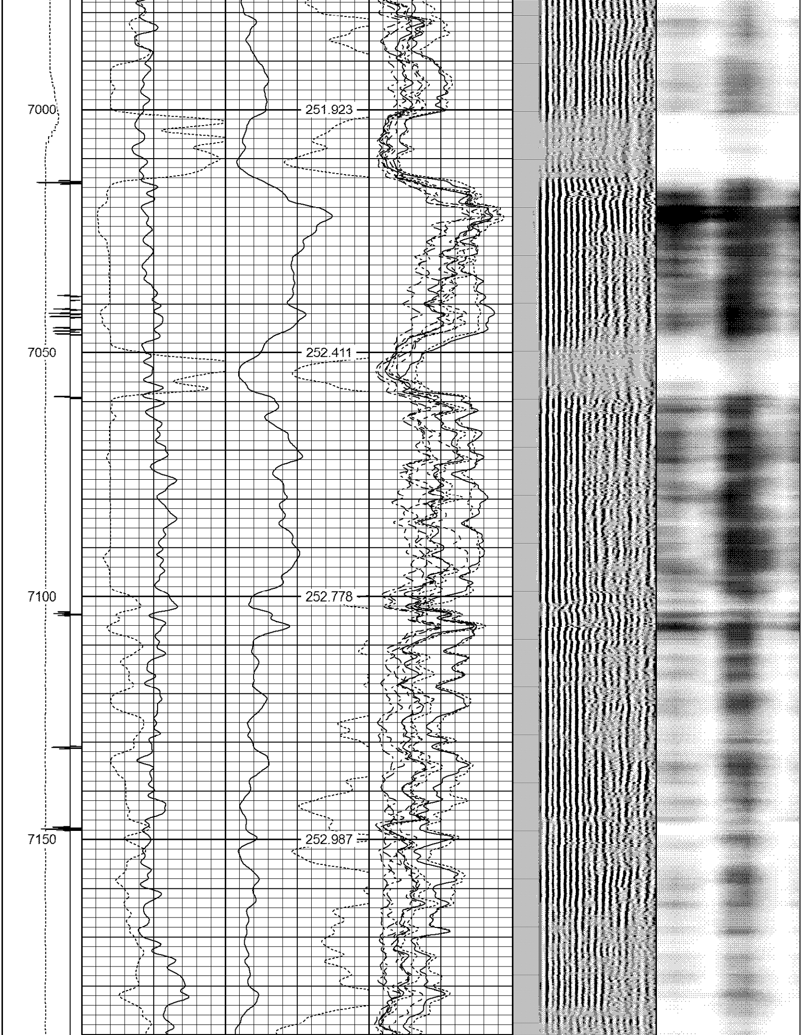


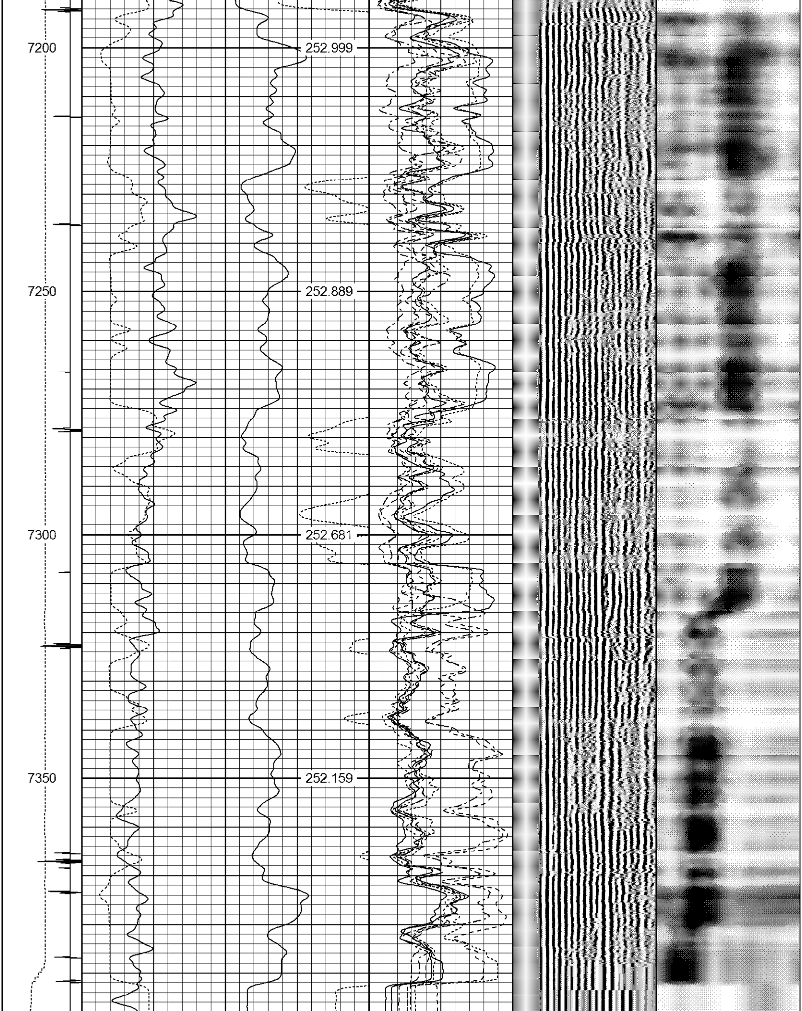


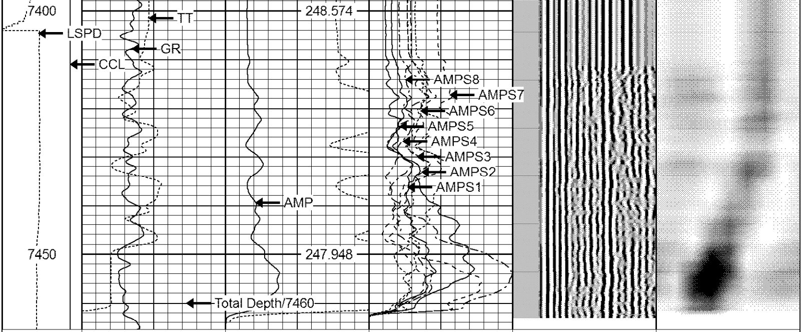












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