PIONEER
Pioneer Energy Services

SECTOR BOND LOG
C.C.L. V.D.L. GAMMA RAY

Company	Kerr-McGee Oil & Gas Onshore LP
Well	Bella Federal 23N-7HZ
Field	Wattenberg
County	Weld
State	Colorado

Company Kerr-McGee Oil & Gas Onshore LP
Well Bella Federal 23N-7HZ
Field Wattenberg
County Weld State Colorado
Location: API # : 05 123 37441 00
SHL: 2110' FSL & 2472' FWL
NESW
SEC 8 TWP 3N RGE 66W

Other Services
SCBL

Permanent Datum	GL	Elevation	4863'
Log Measured From	KB		
Drilling Measured From	KB		

Elevation
K.B. 4877'
D.F. 4877'
G.L. 4863'

Date	September 4, 2013	
Run Number	One	
Depth Driller	11868'	
Depth Logger	6680'	
Bottom Logged Interval	6678'	
Top Log Interval	Surface	
Open Hole Size	8.75"	
Type Fluid	Water	
Density / Viscosity	8.34 ppg	
Max. Recorded Temp.	233 F	
Estimated Cement Top	32'	
Time Well Ready	On Arrival	
Time Logger on Bottom	1200	
Equipment Number	75	
Location	Fort Morgan	
Recorded By	Scott Dizmang	
Witnessed By	Kent Evers	Shaun Schuman

Borehole Record

Run Number	Bit	From	To

Tubing Record

Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	9-5/8"	36#	Surface	
Prot. String				
Production String	7"	26#	Surface	
Liner	4-1/2"	11.6#	6563'	

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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 Pioneer Energy Services!!

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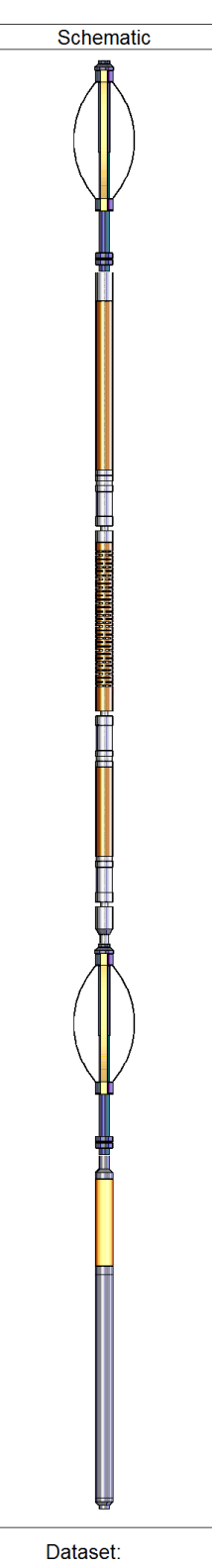
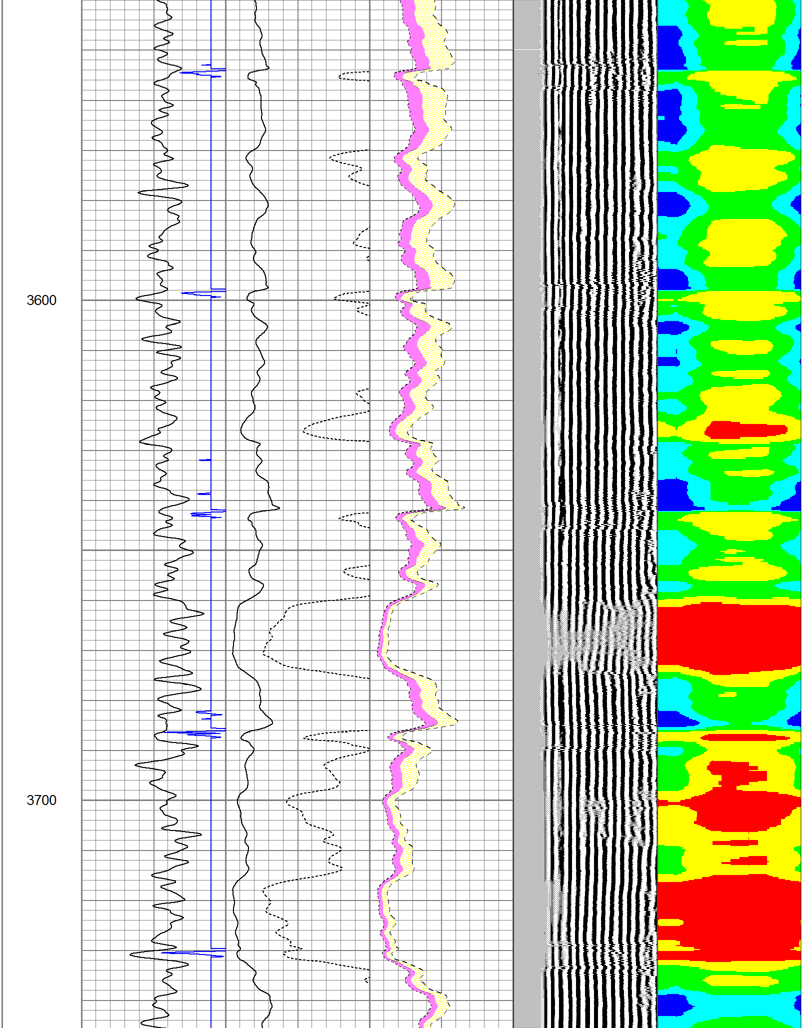


Sensor	Offset (ft)	Description	Len (ft)	OD (in)	Wt (lb)
		PTS275	2.83	2.75	
WVF3FT WVFCAL WVFS1 WVFS2 WVFS3 WVFS4 WVFS5 WVFS6 WVFS7 WVFS8 WVF5FT	11.86 11.86 11.86 11.86 11.86 11.86 11.86 11.86 11.86 11.86 10.78	RBT-Probe (Base) Probe Radii Bond Tool with Digital Telemetry	8.92	2.75	90.00
		PTS275	2.83	2.75	
CCL TEMP GR	3.84 3.14 2.30	GCT-GRCCLTEMP (130608) Probe GCT	4.69	2.75	100.00

Dataset:	bella federal 23n-7hz.db: field/well/run1/pass2
Total Length:	19.27 ft
Total Weight:	190.00 lb
O.D.	2.75 in

Database File:	bella federal 23n-7hz.db
Dataset Pathname:	cblfinal
Presentation Format:	scbl02
Dataset Creation:	Wed Sep 04 13:35:08 2013
Charted by:	Depth in Feet scaled 1:240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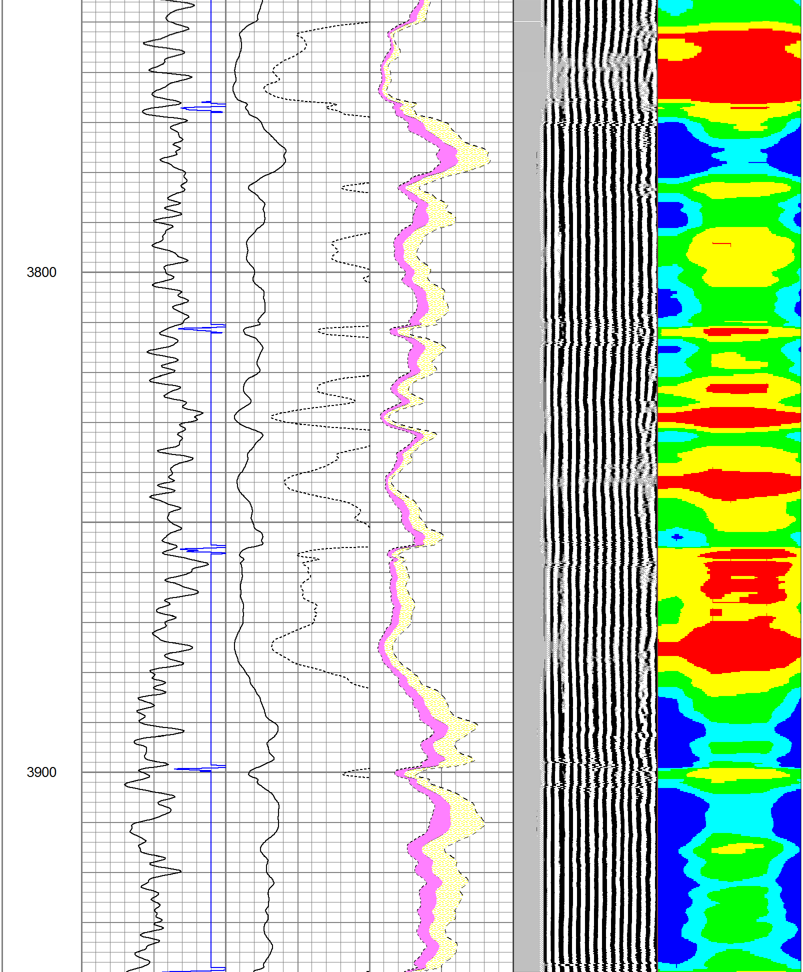
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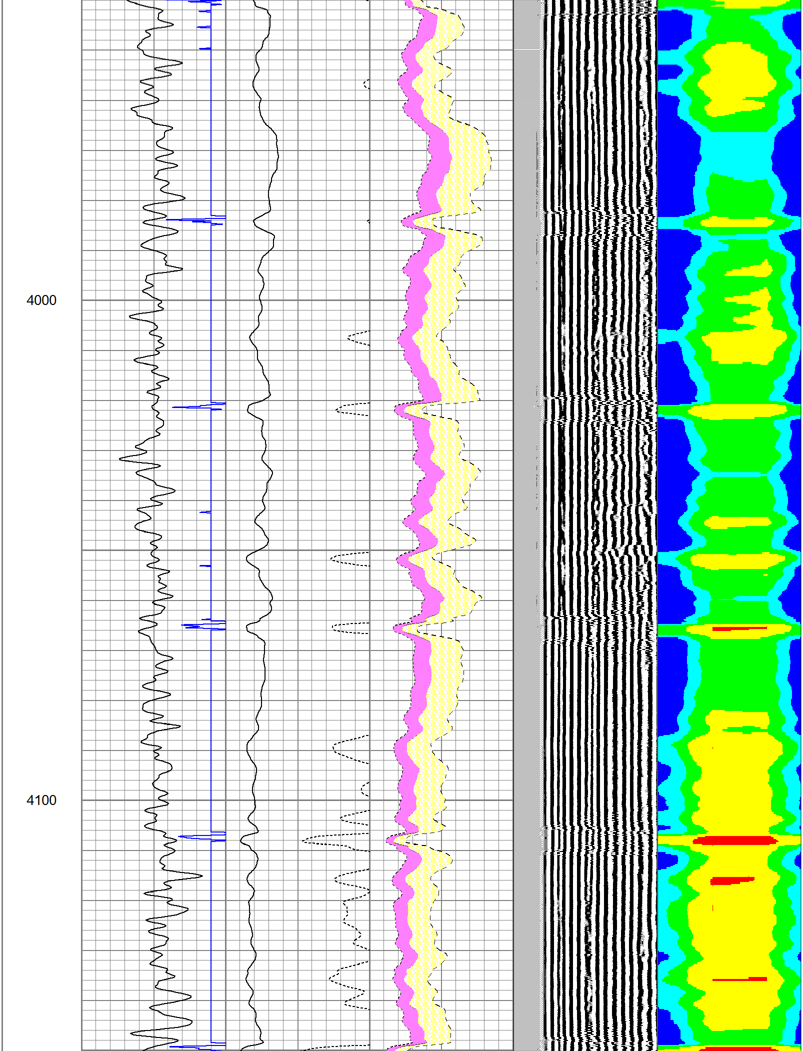
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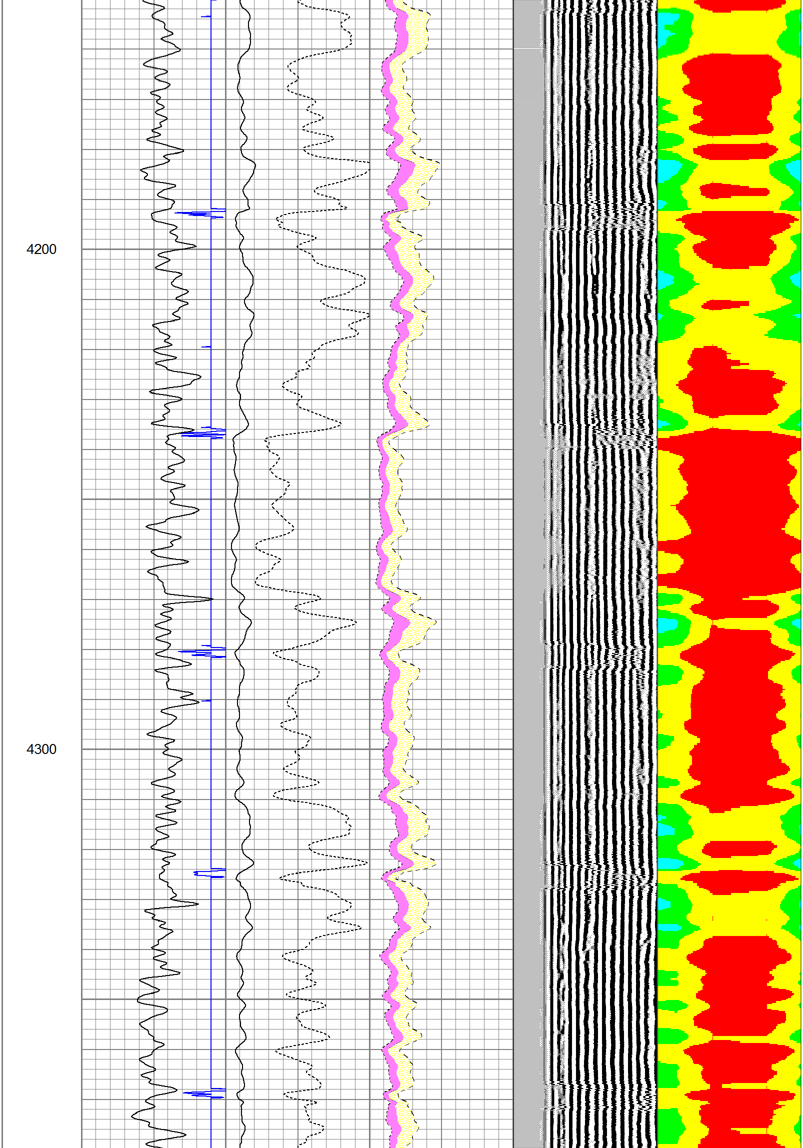
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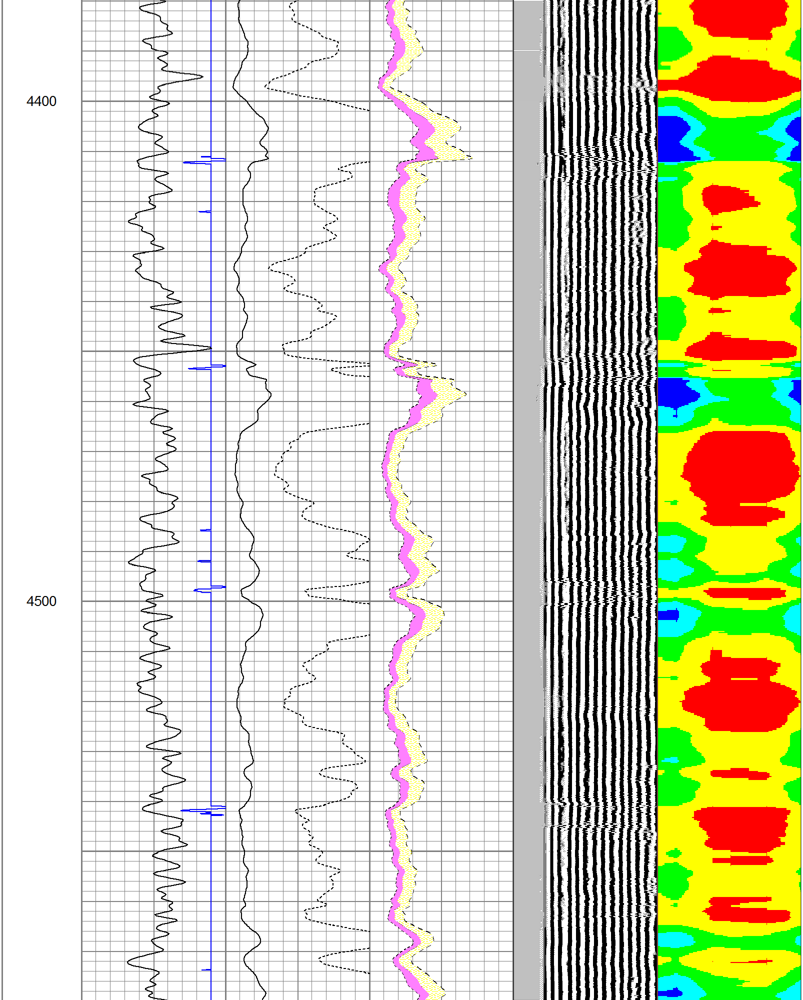
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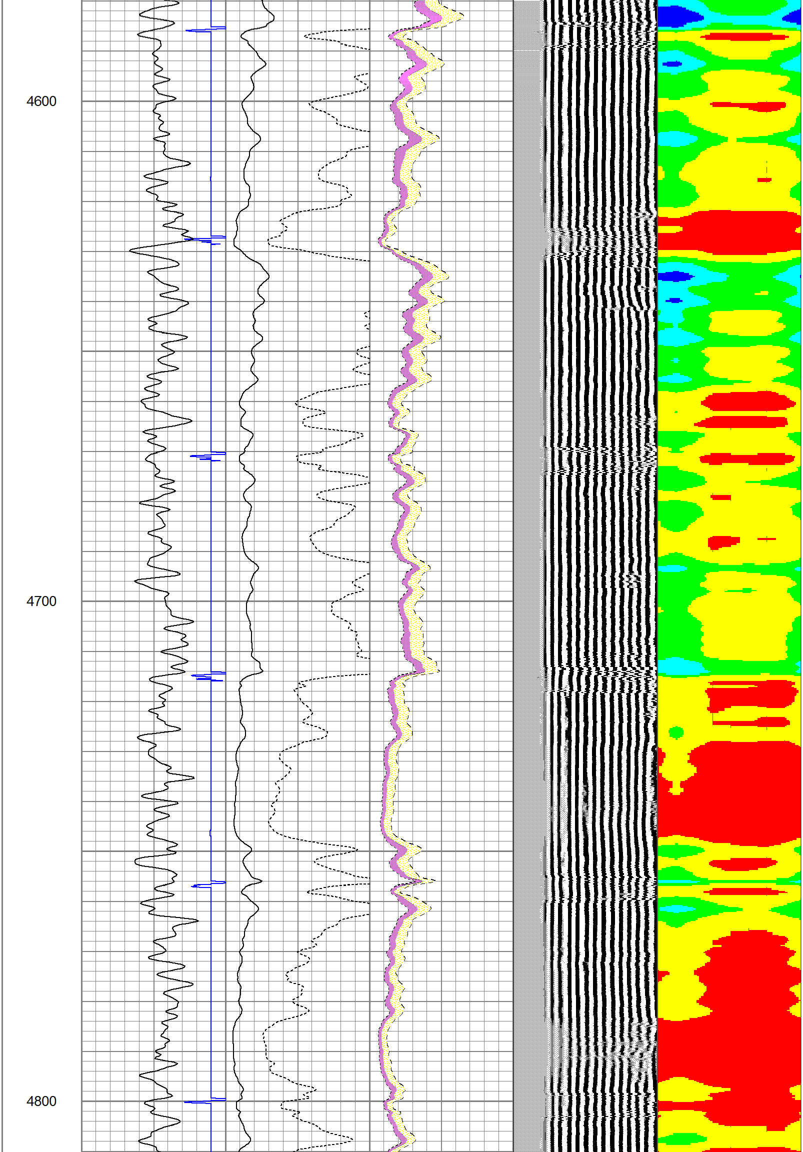
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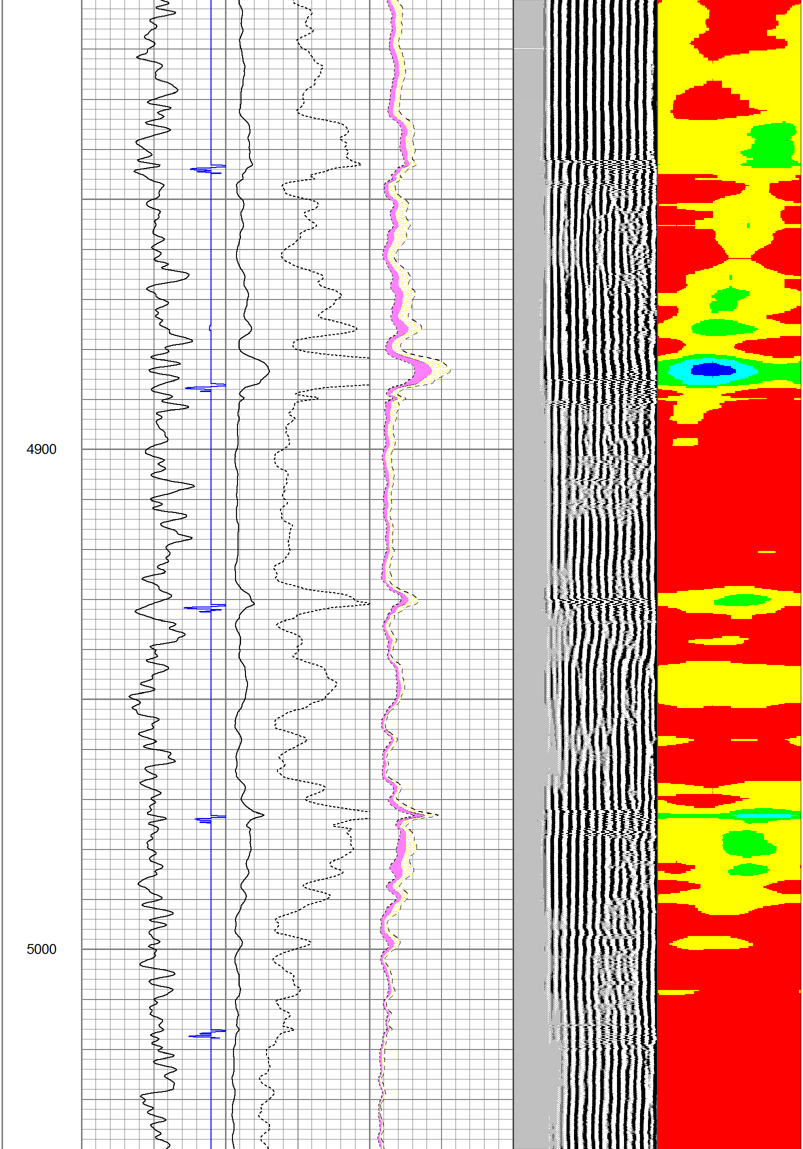
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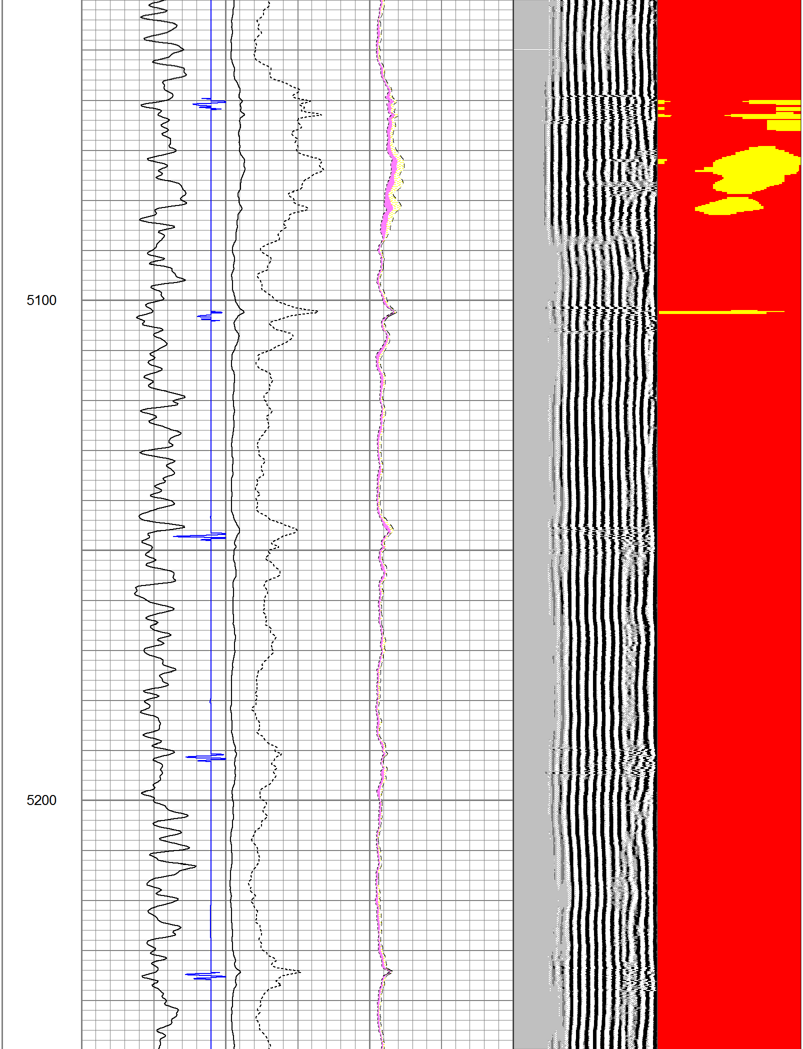
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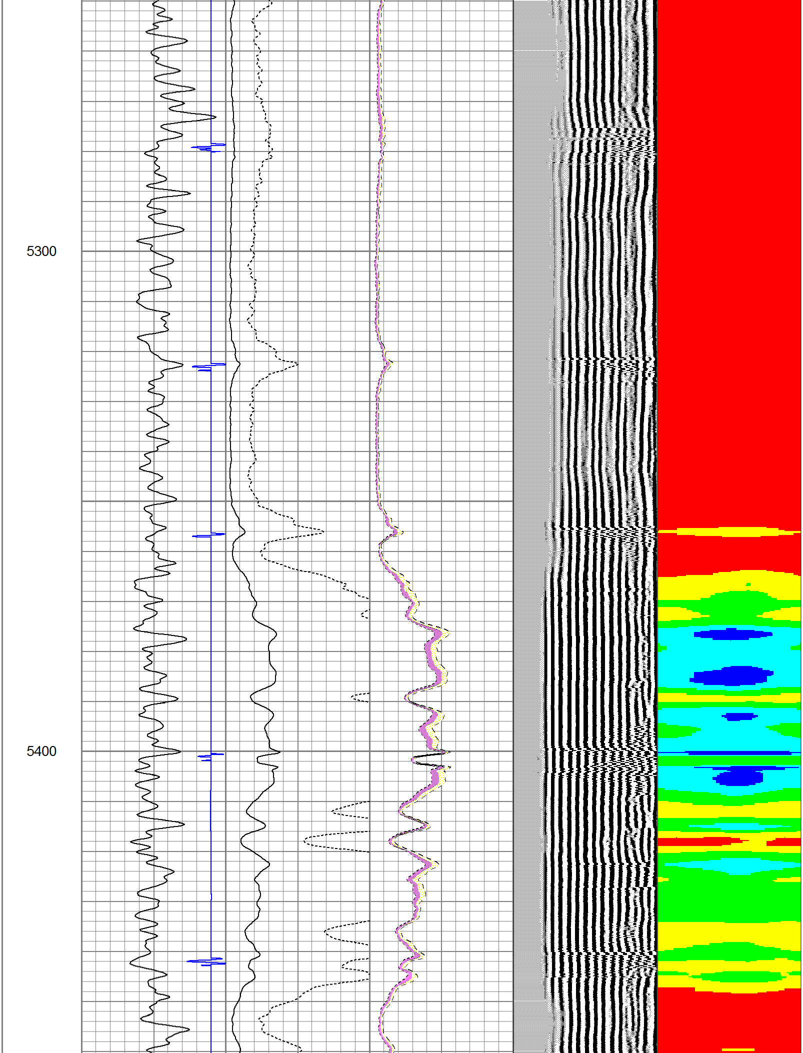
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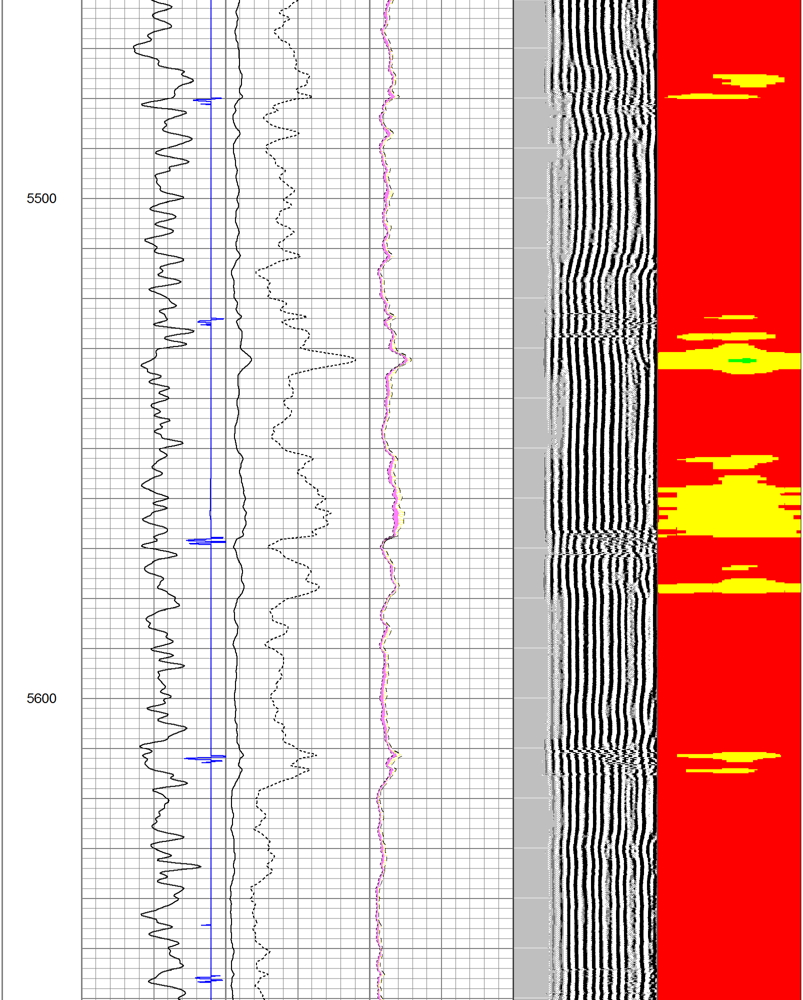
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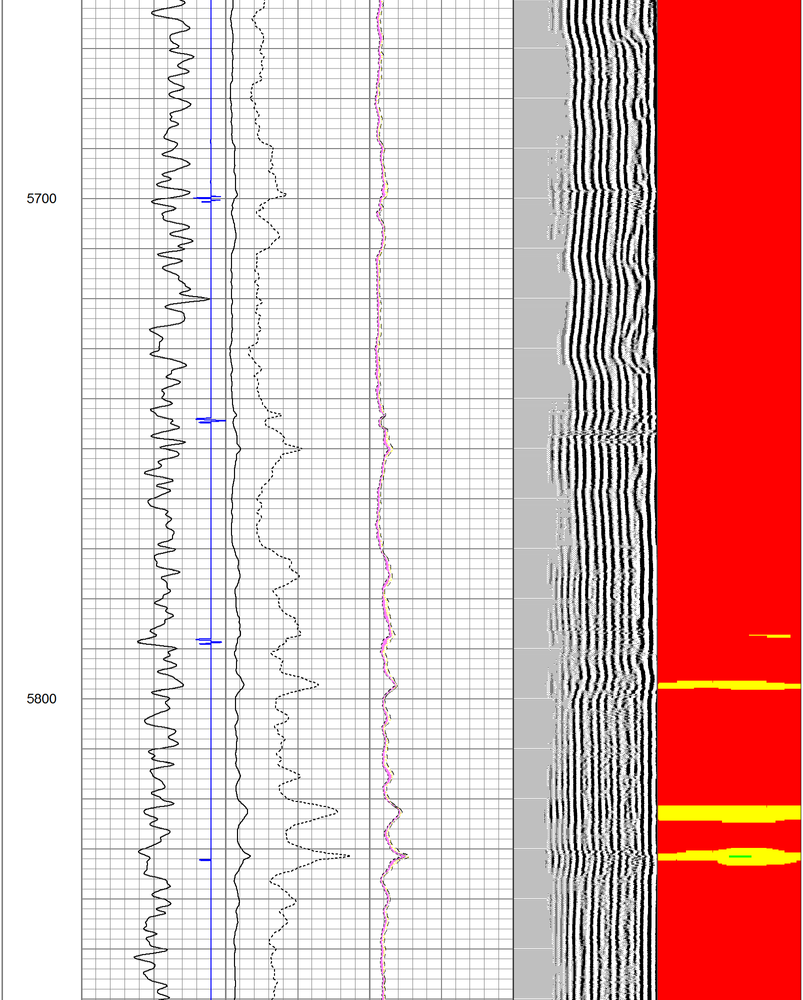
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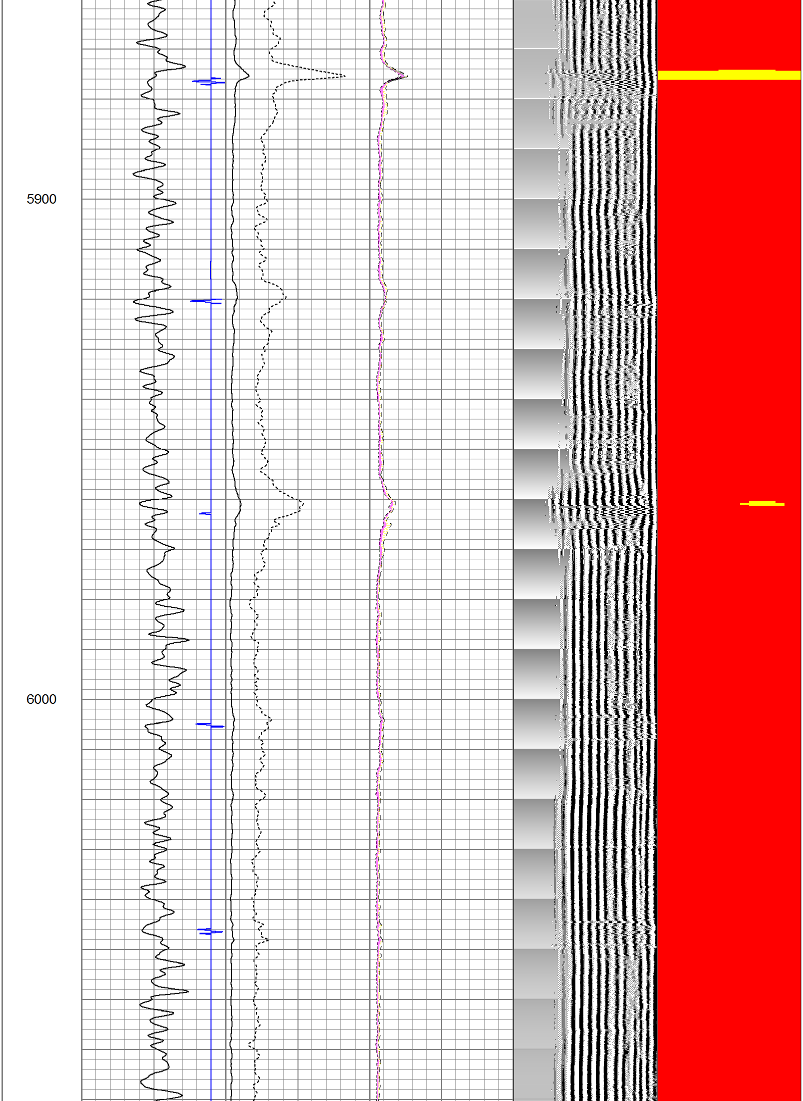
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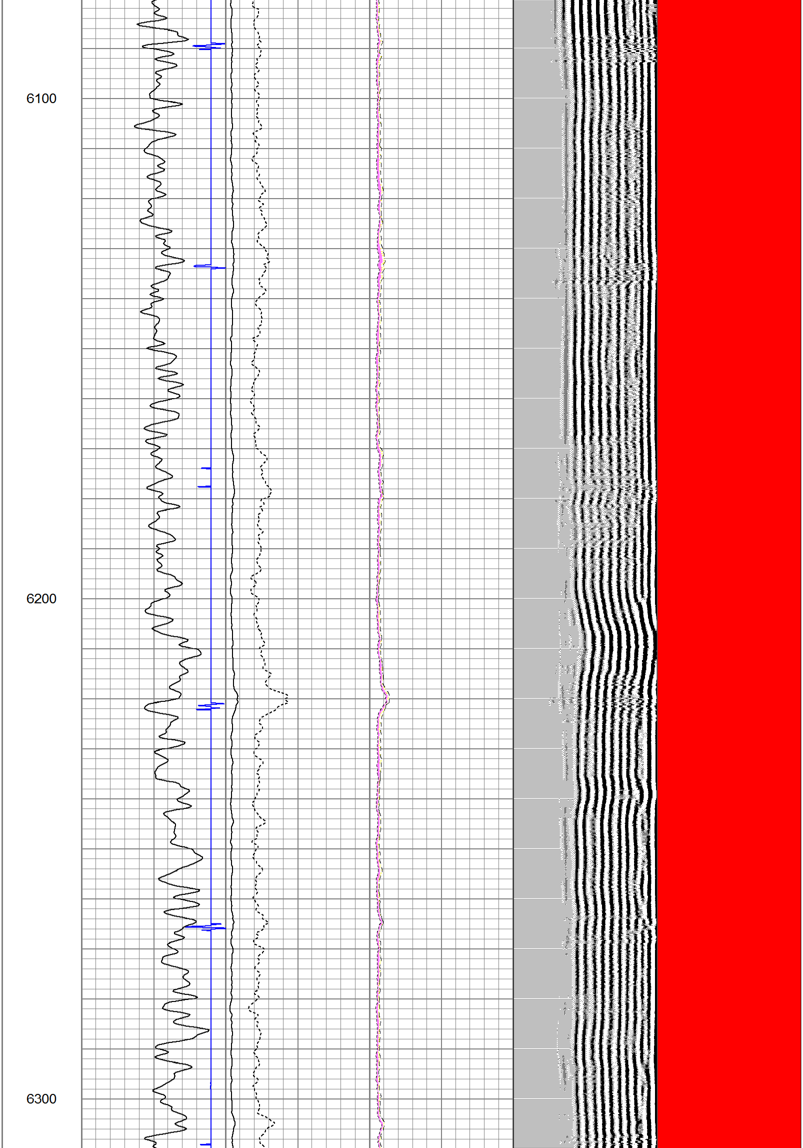
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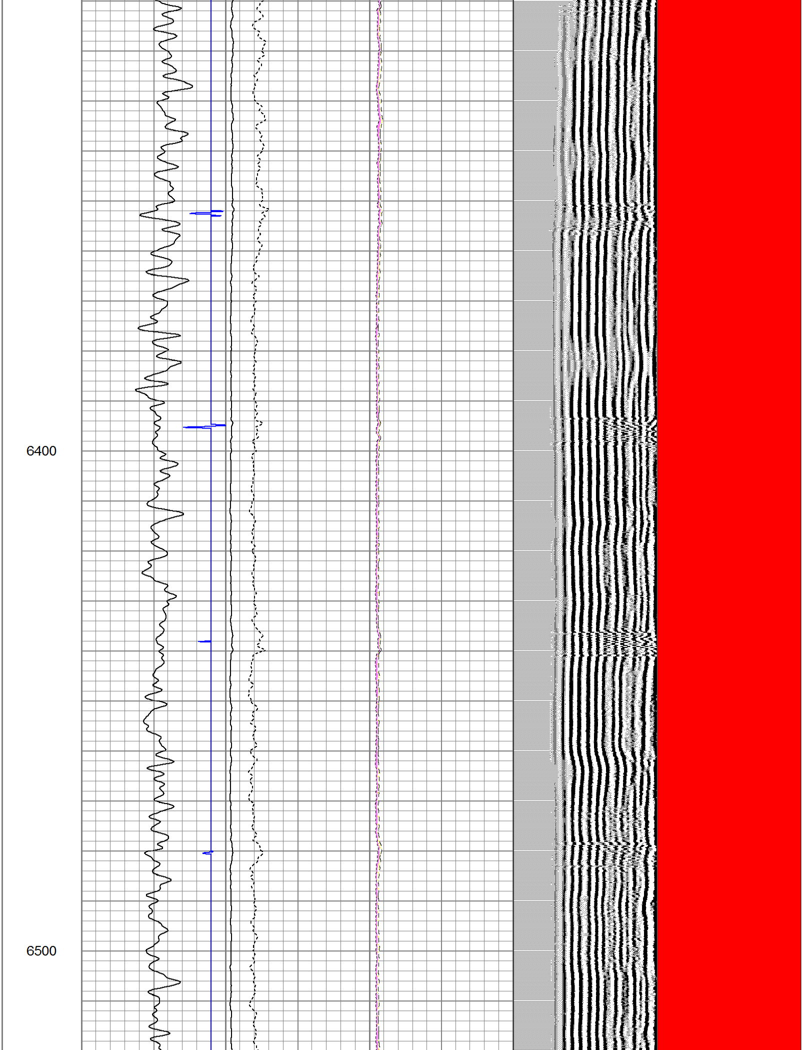
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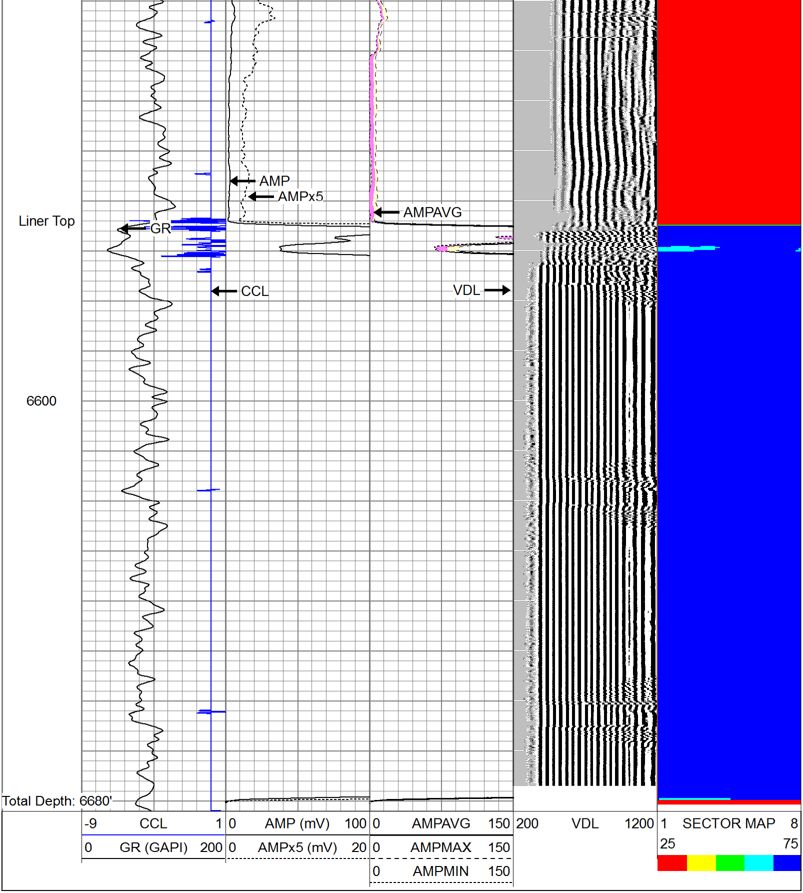
Liner Top
GR
AMP
AMPx5
AMPAVG
CCL
VDL
6600
Total Depth: 6680'
-9 CCL 1
0 GR (GAPI) 200
0 AMP (mV) 100
0 AMPx5 (mV) 20
0 AMPAVG 150
0 AMPMAX 150
0 AMPMIN 150
200 VDL 1200
1 SECTOR MAP 8
25 75
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