RADIAL BOND & V.D.L., GAMMA-RAY & C.C.L.

PIONEER
Pioneer Energy Services

Company	ANADARKO PETROLEUM CORP.
Well	EISENACH FEDERAL 30C-8HZ
Field	WATTENBERG
County	WELD
State	COLORADO

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Well EISENACH FEDERAL 30C-8HZ
Field WATTENBERG
County WELD State COLORADO

Location: API #: 05123375730000
1778' FNL, 305'FEL
SEC 8 TWP 3N RGE 66W

Other Services

Permanent Datum	GL	Elevation	4825'	Elevation K.B. 4850' D.F. 4851' G.L. 4825'
Log Measured From	KB			
Drilling Measured From	KB			

Date	10-9-13
Run Number	1
Depth Driller	12393'
Depth Logger	6880'
Bottom Logged Interval	6880'
Top Log Interval	SURFACE
Open Hole Size	8.75"
Type Fluid	WATER
Density / Viscosity	NA
Max. Recorded Temp.	236
Estimated Cement Top	667'
Time Well Ready	ROA
Time Logger on Bottom	PM
Equipment Number	41
Location	FORT MORGAN
Recorded By	Nathan Bivens
Witnessed By	Rick Dundford

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	7"	23#	SURFACE	6665
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.

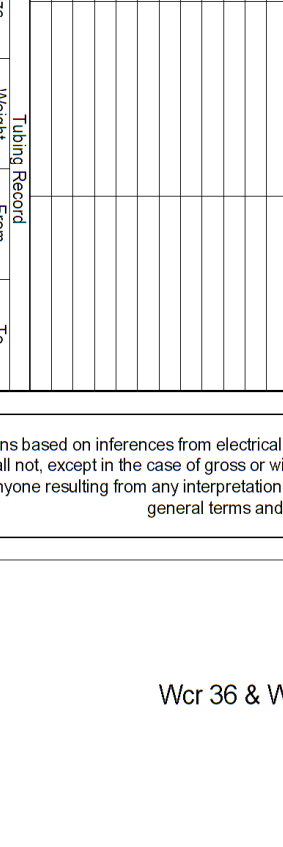
Comments

S.O. 2-204502

Wcr 36 & Wcr 29, S 3/10,W 50', S 200' into

E
N O X O O S
W

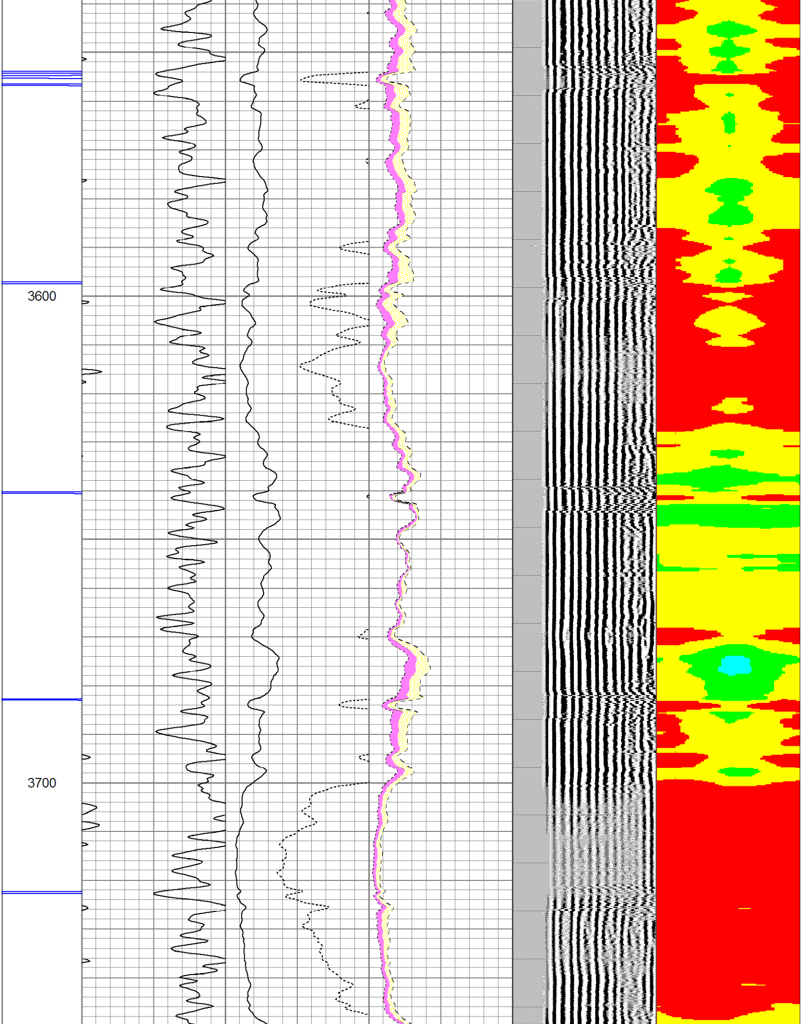
THANK YOU FOR USING PIONEER ENERGY SERVICES



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	11.78 11.78 11.78 11.78 11.78 11.78 11.78 11.78 11.78 11.78 10.78	RBT-Probe (4.5040904) Prototype Probe Radii Bond Tool with Digital Telemetry	8.88	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: eisenach federal 30c-8hz.db: field/well/run1/pass2
Total Length: 19.23 ft
Total Weight: 190.00 lb
O.D. 2.75 in

Database File: eisenach federal 30c-8hz.db
Dataset Pathname: pass2
Presentation Format: scbl02
Dataset Creation: Wed Oct 09 15:20:04 2013 by Log 7.0 B1
Charted by: Depth in Feet scaled 1:240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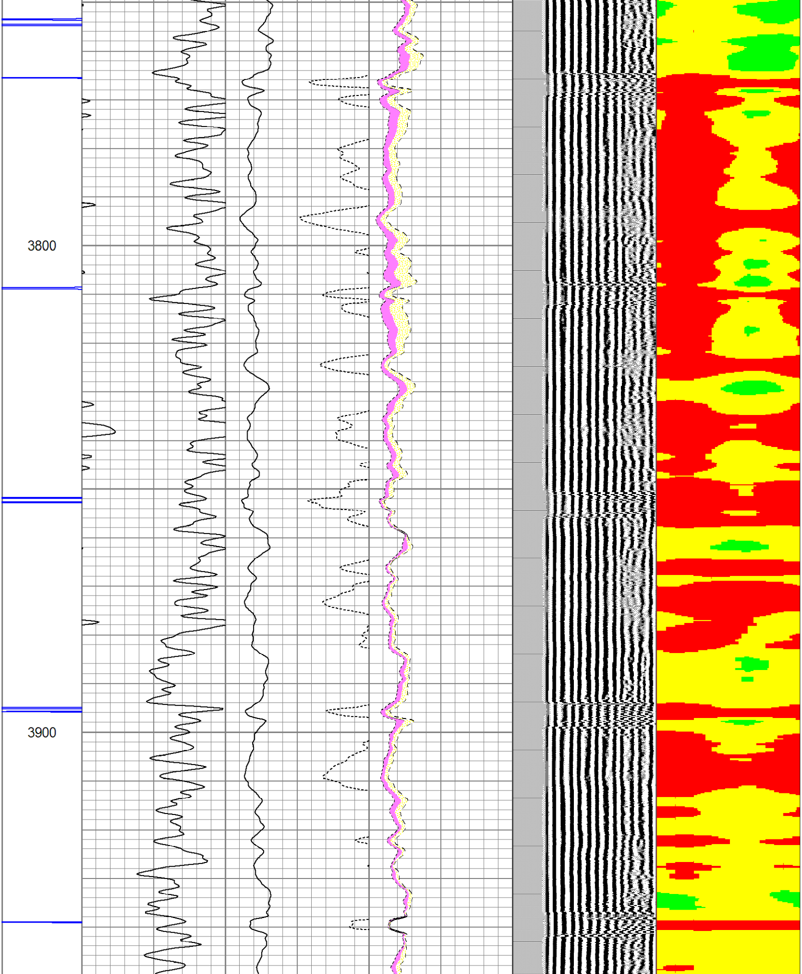
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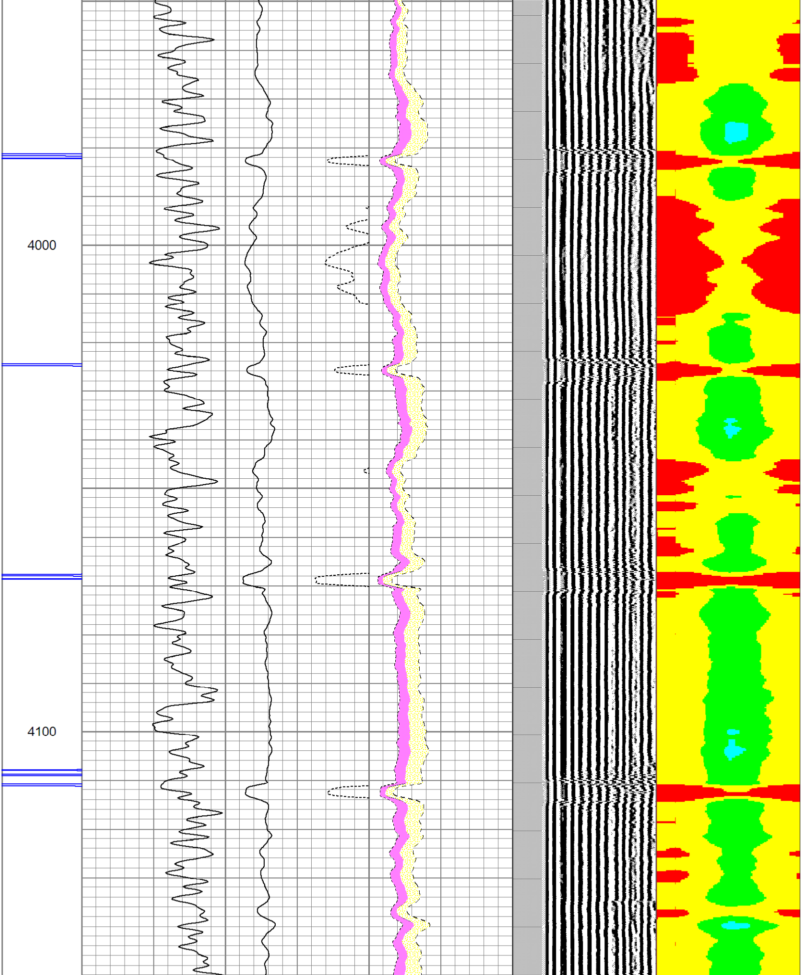
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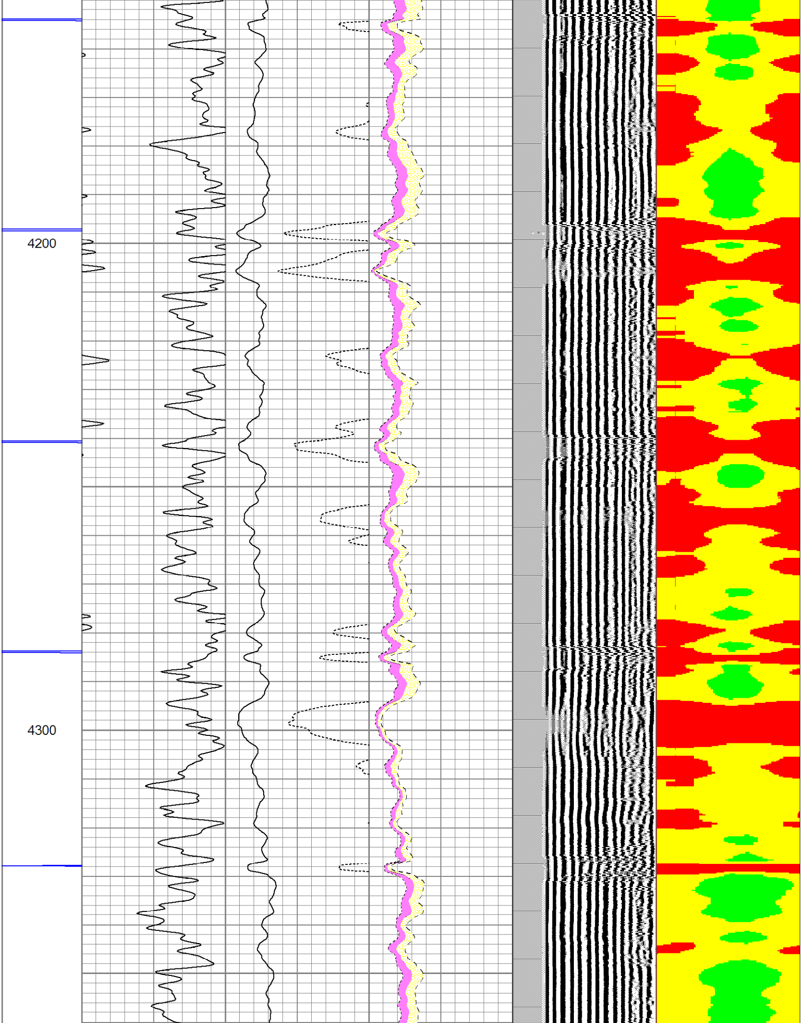
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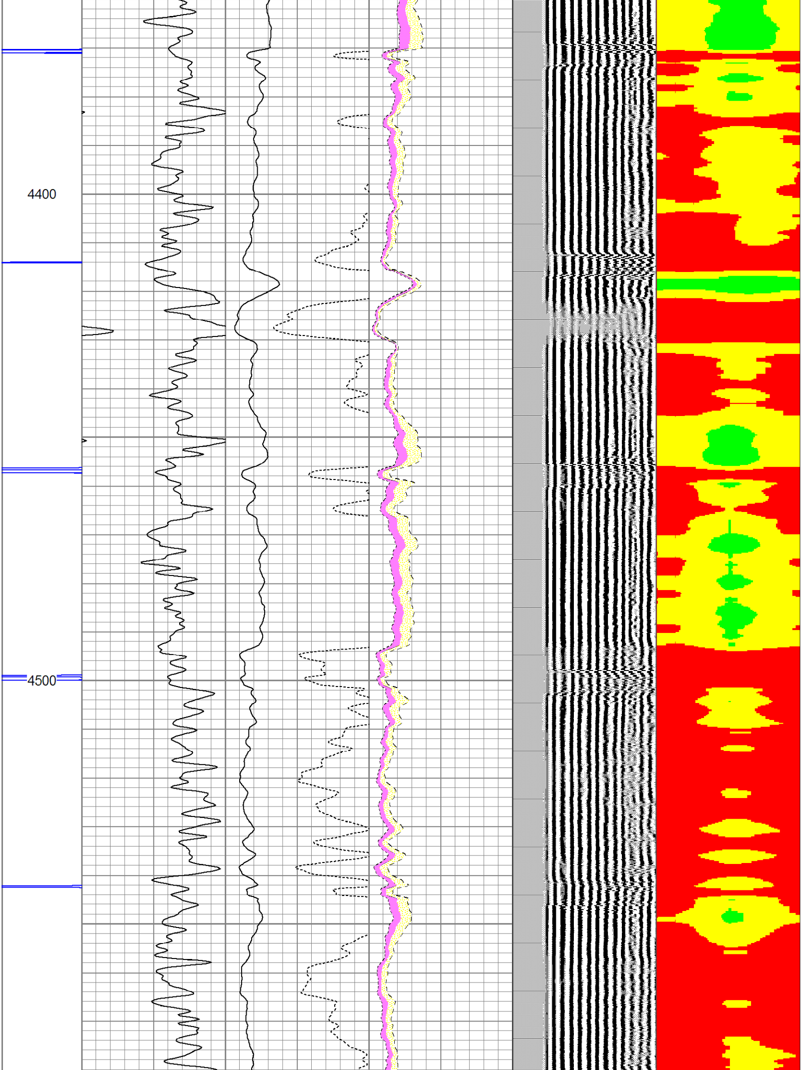
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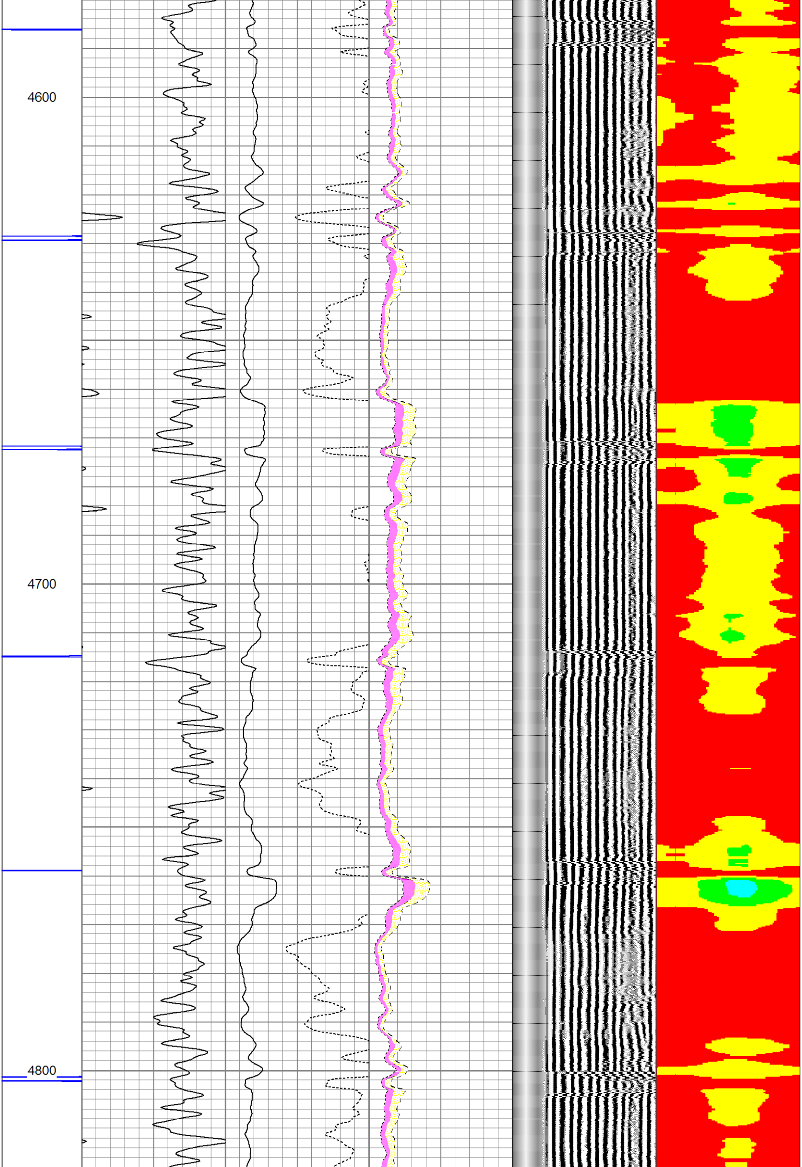
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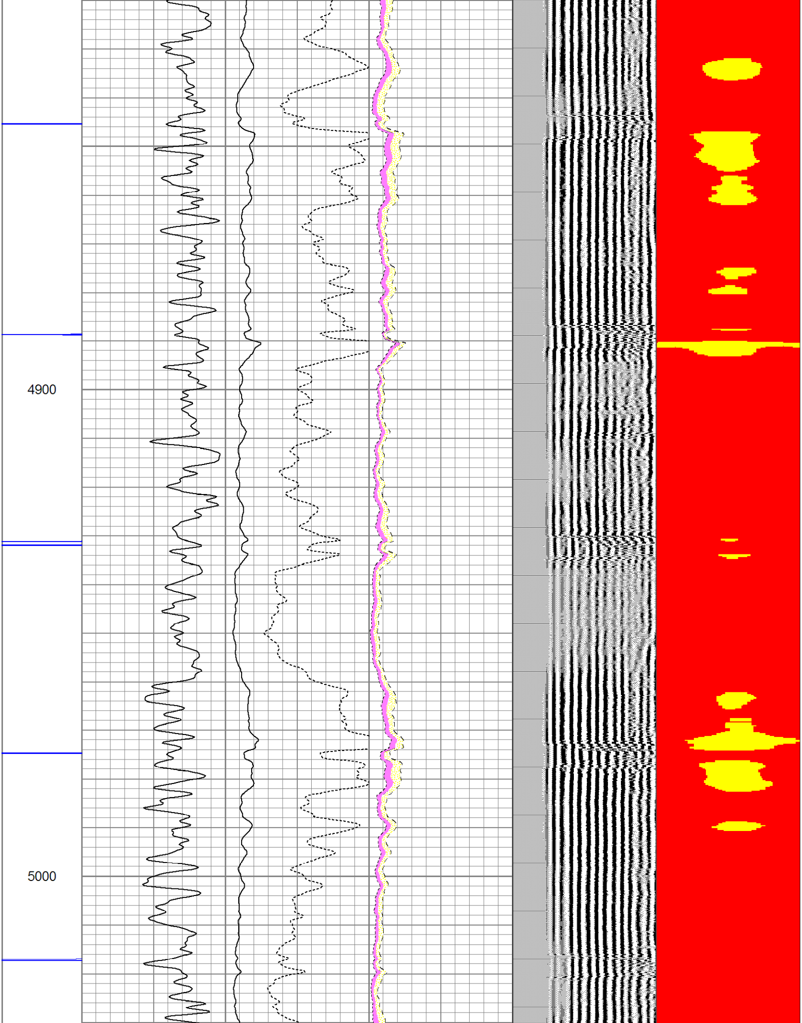
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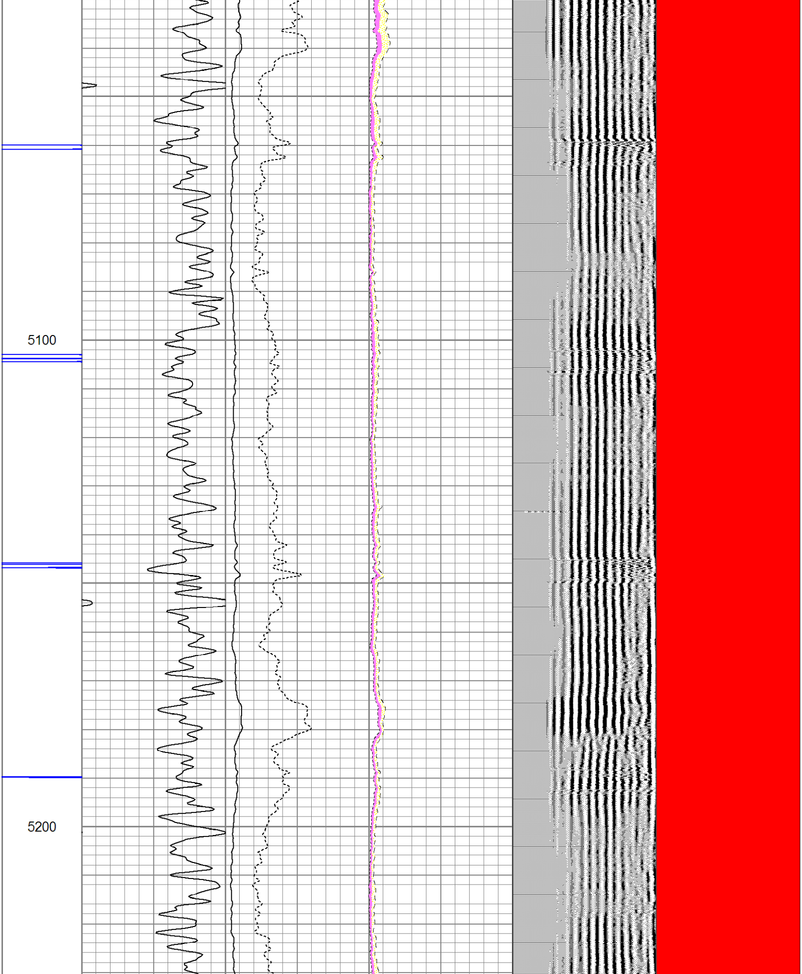
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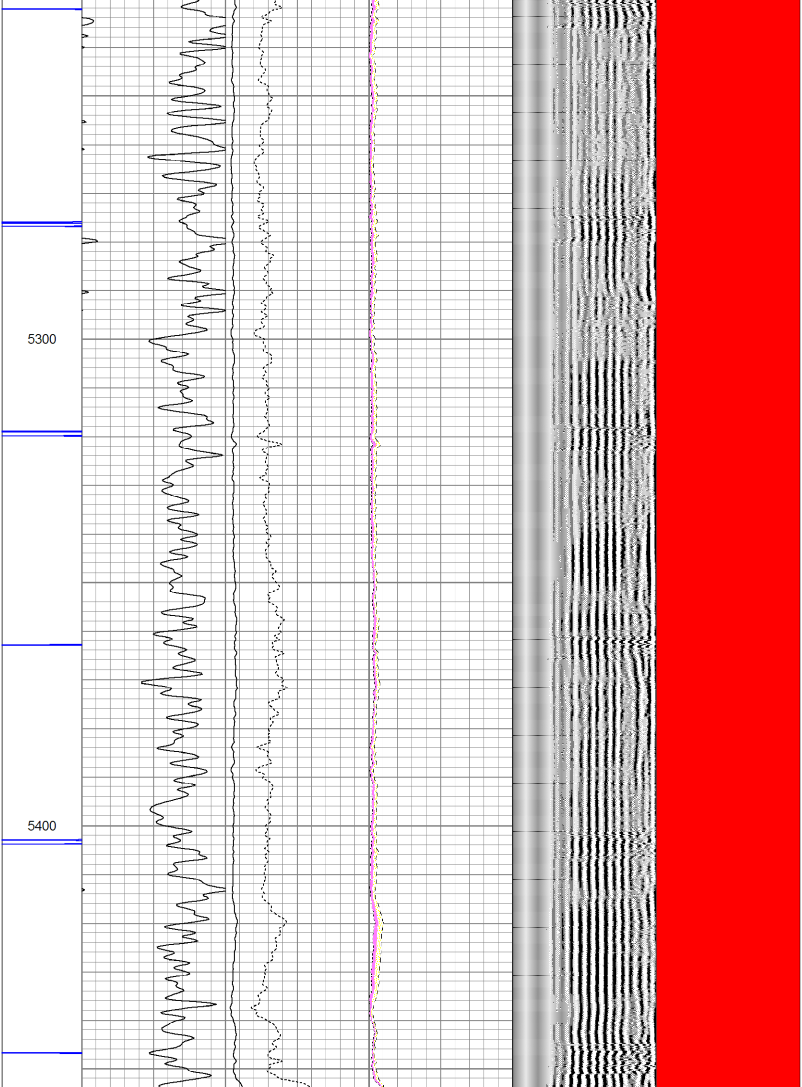
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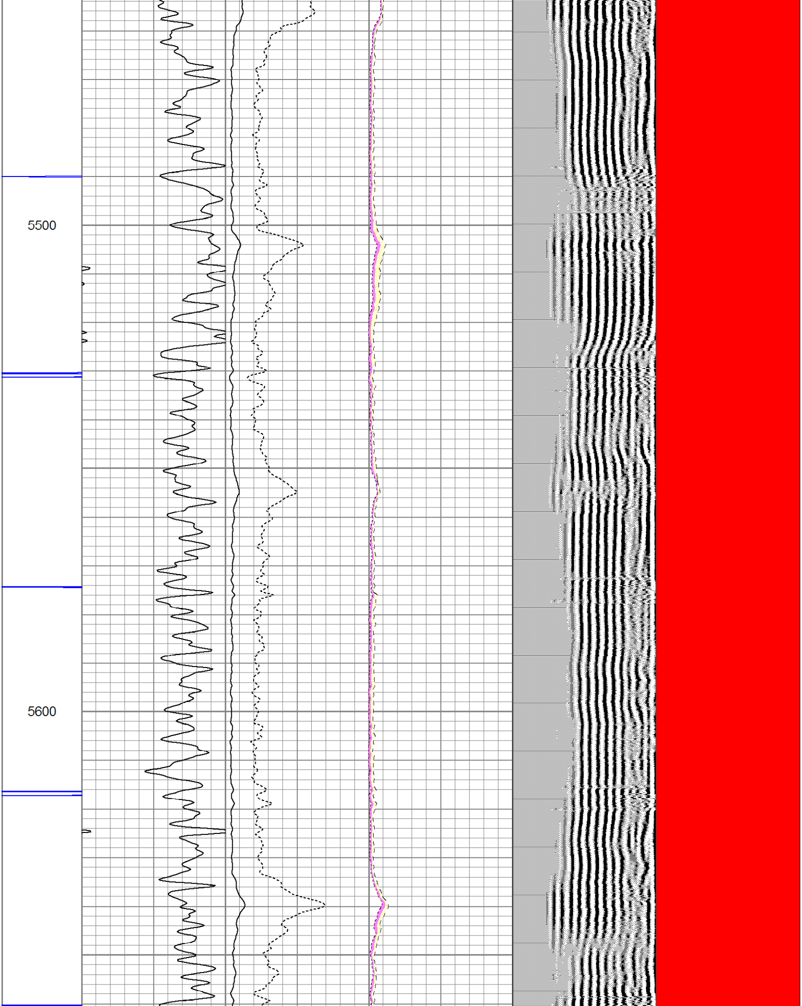
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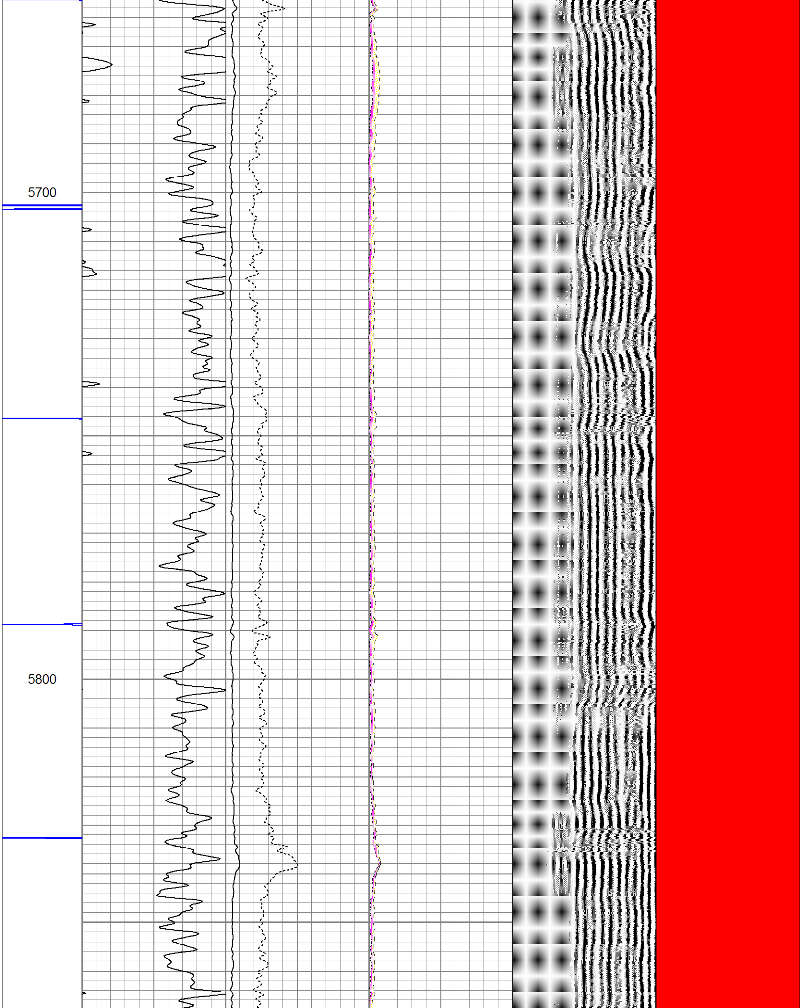
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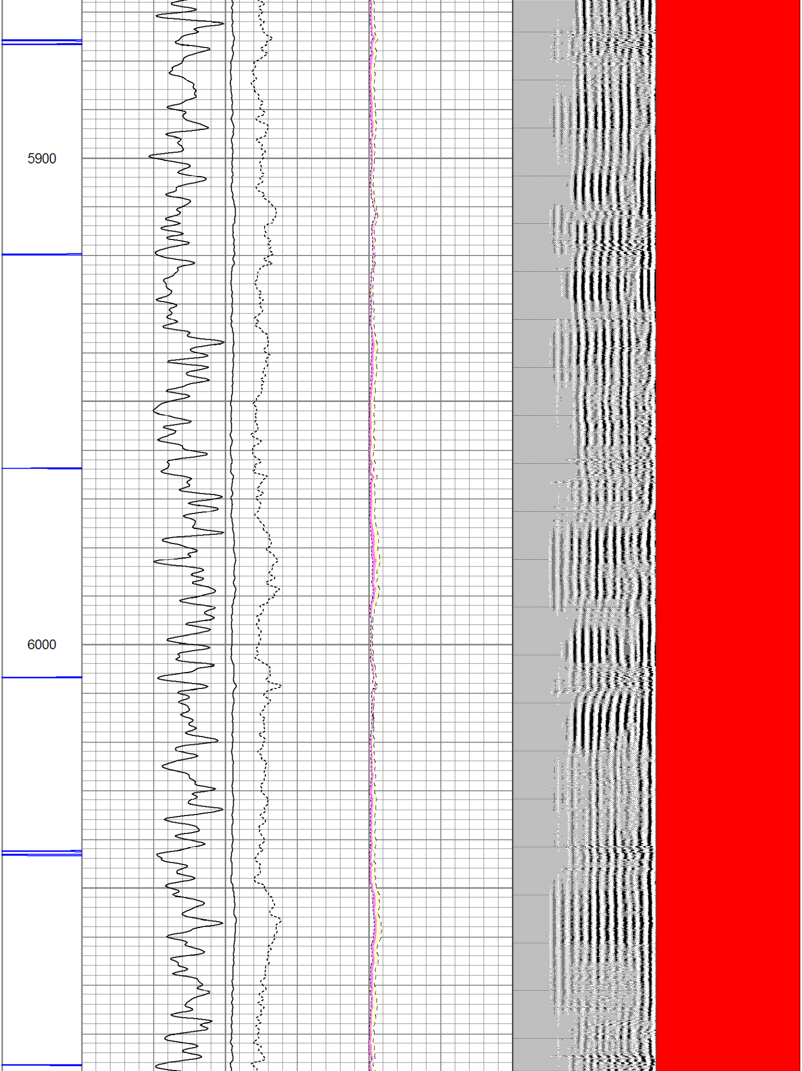
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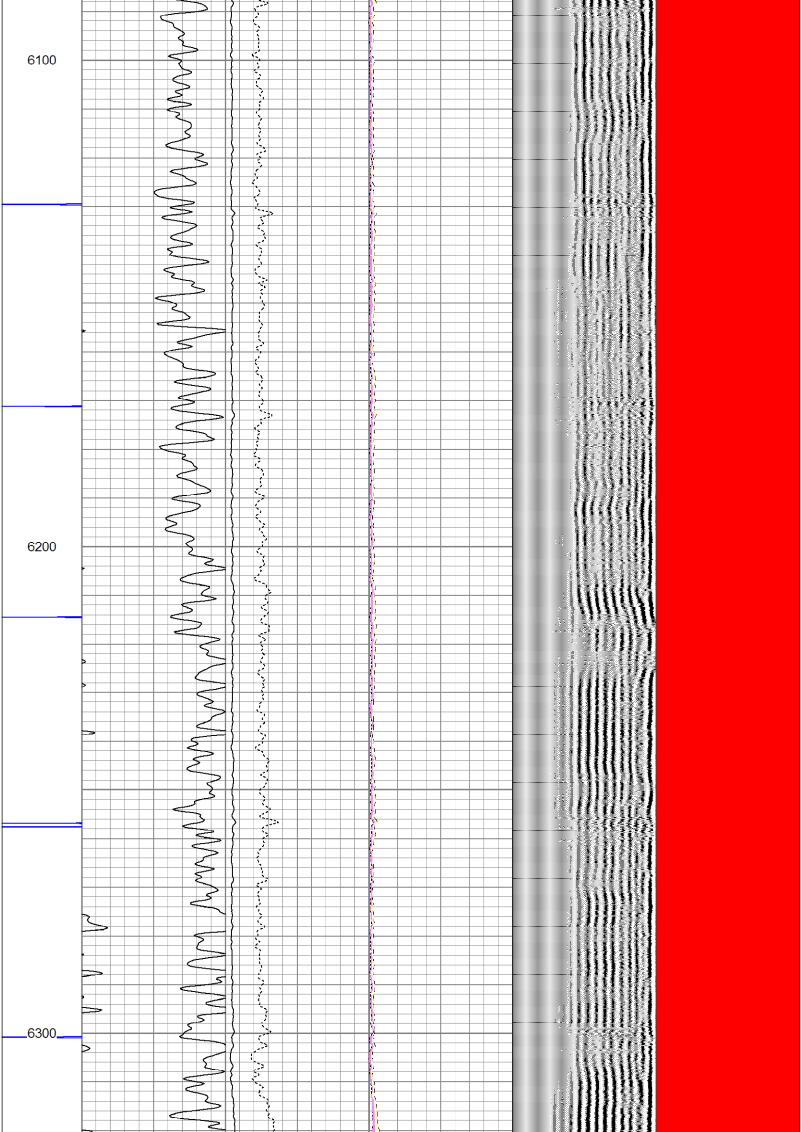
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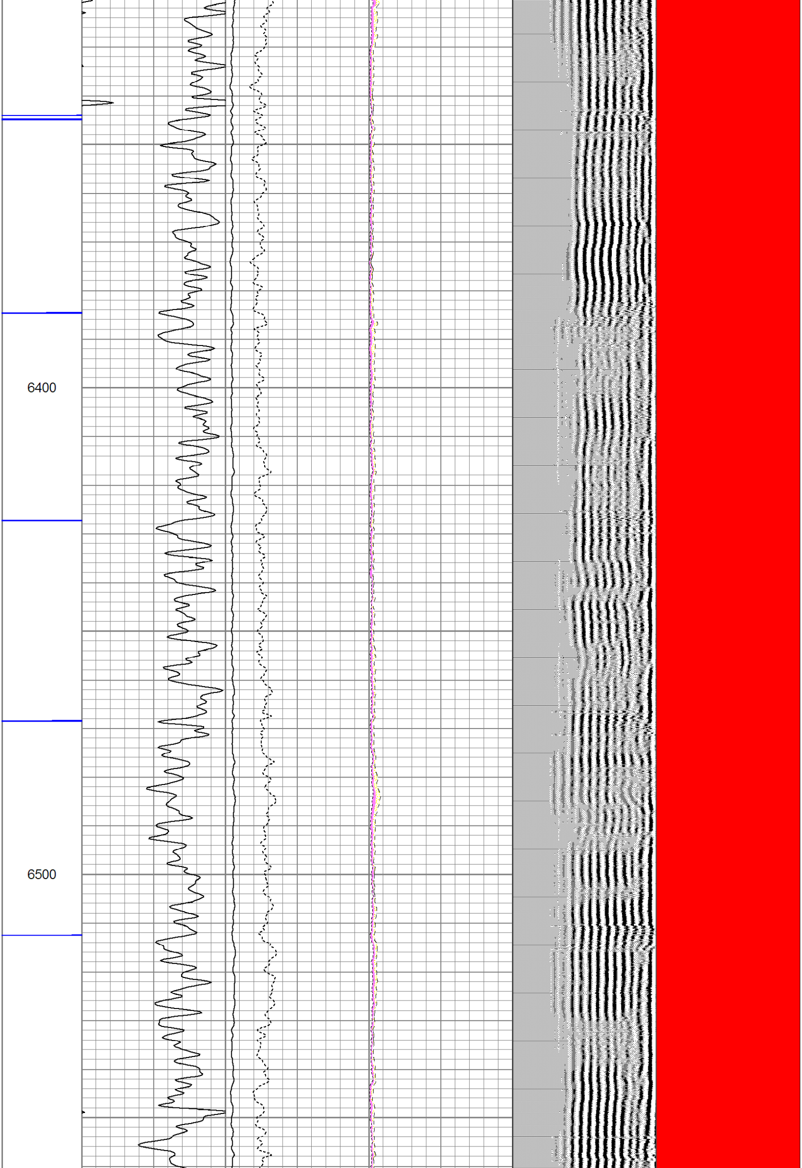
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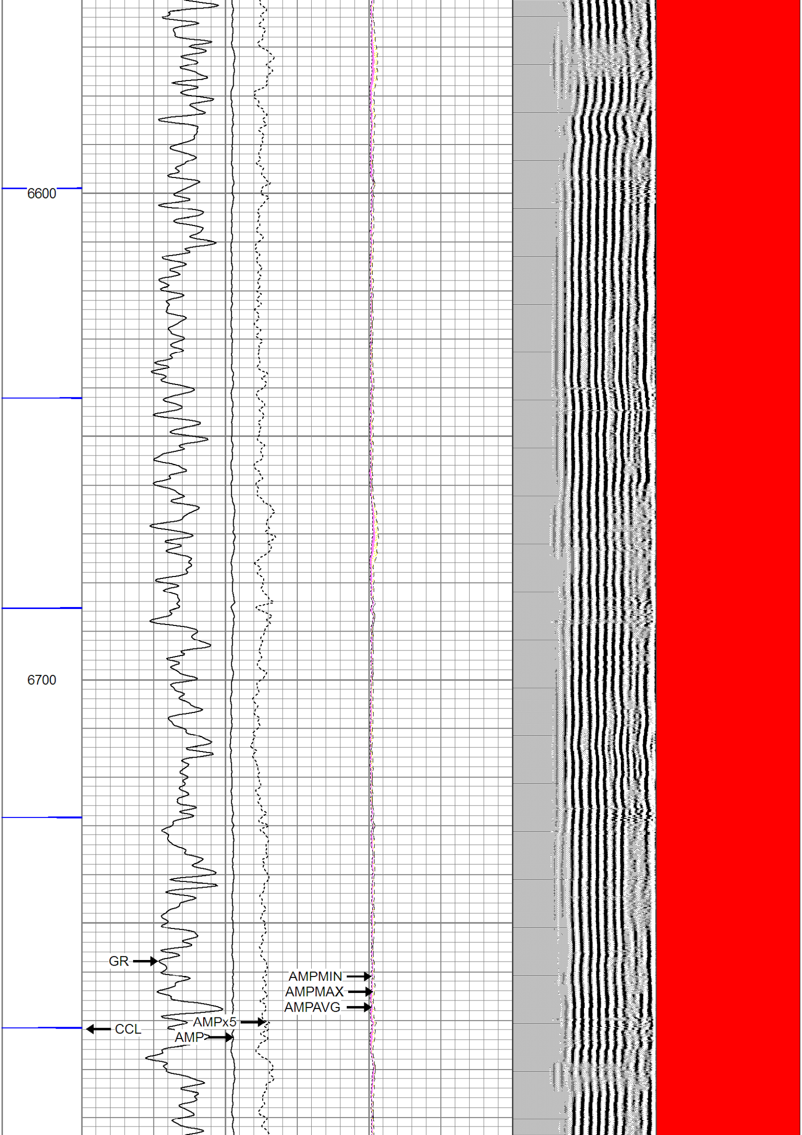
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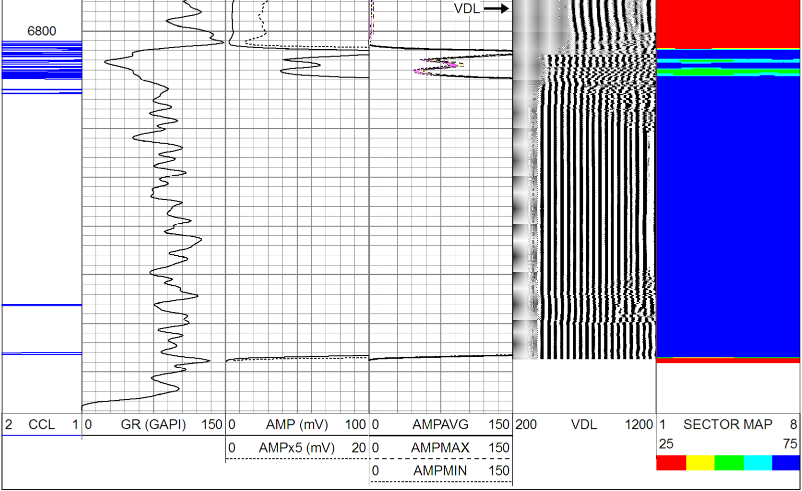
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0 AMP (mV) 100
0 AMPx5 (mV) 20
0 AMPAVG 150
0 AMPMAX 150
0 AMPMIN 150
200 VDL 1200
1 SECTOR MAP 8
25 75