PIONEER
Pioneer Energy Services

SECTOR BOND LOG

Company	ANADARKO PETROLEUM CORPORATION
Well	USA FED 29N-36HZ
Field	WATTENBERG
County	WELD
State	COLORADO

Company ANADARKO PETROLEUM CORPORATION
Well USA FED 29N-36HZ
Field WATTENBERG
County WELD State COLORADO
Location: API #: 05123368950000
SHL: 767' FSL X 621' FWL
BHL: 460' FNL X 1110' FWL (EST)
SEC 36 TWP 3N RGE 66W

Other Services
GUAGE RING
CALIPER

Permanent Datum	GL	Elevation 5024'	Elevation
Log Measured From	KB		K.B. 5041'
Drilling Measured From	KB		D.F. 5040'
			G.L. 5021'

Date	OCT. 22, 2013
Run Number	ONE
Depth Driller	11,826'
Depth Logger	6844'
Bottom Logged Interval	6832'
Top Log Interval	SURFACE
Open Hole Size	8.25"
Type Fluid	WATER
Density / Viscosity	NA
Max. Recorded Temp.	219 DEG. F.
Estimated Cement Top	NA
Time Well Ready	ROA
Time Logger on Bottom	9:40 AM
Equipment Number	ONE
Location	FORT MORGAN
Recorded By	RANDY AZEVEDO
Witnessed By	BRYAN JOLLY

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	931'
Prot. String				
Production String	7"	26#	SURFACE	7766'
Liner	4.5"	11.6#	6742'	11816'

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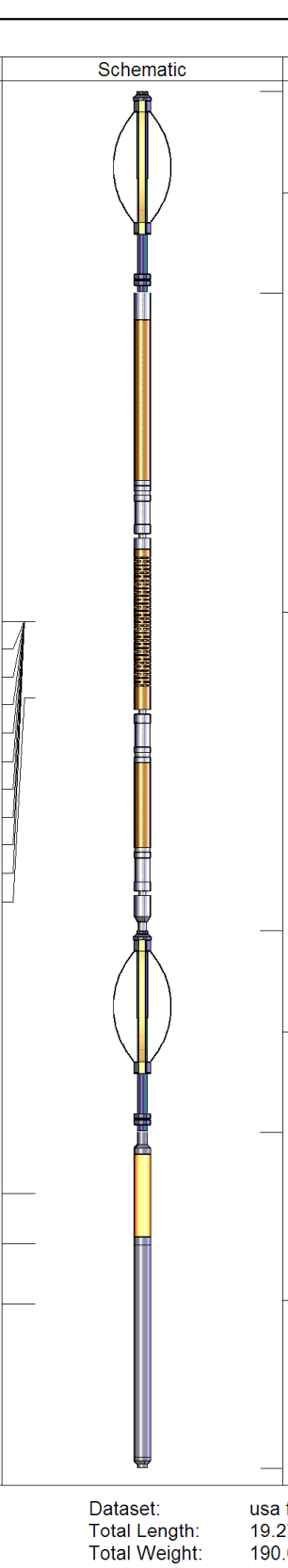
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

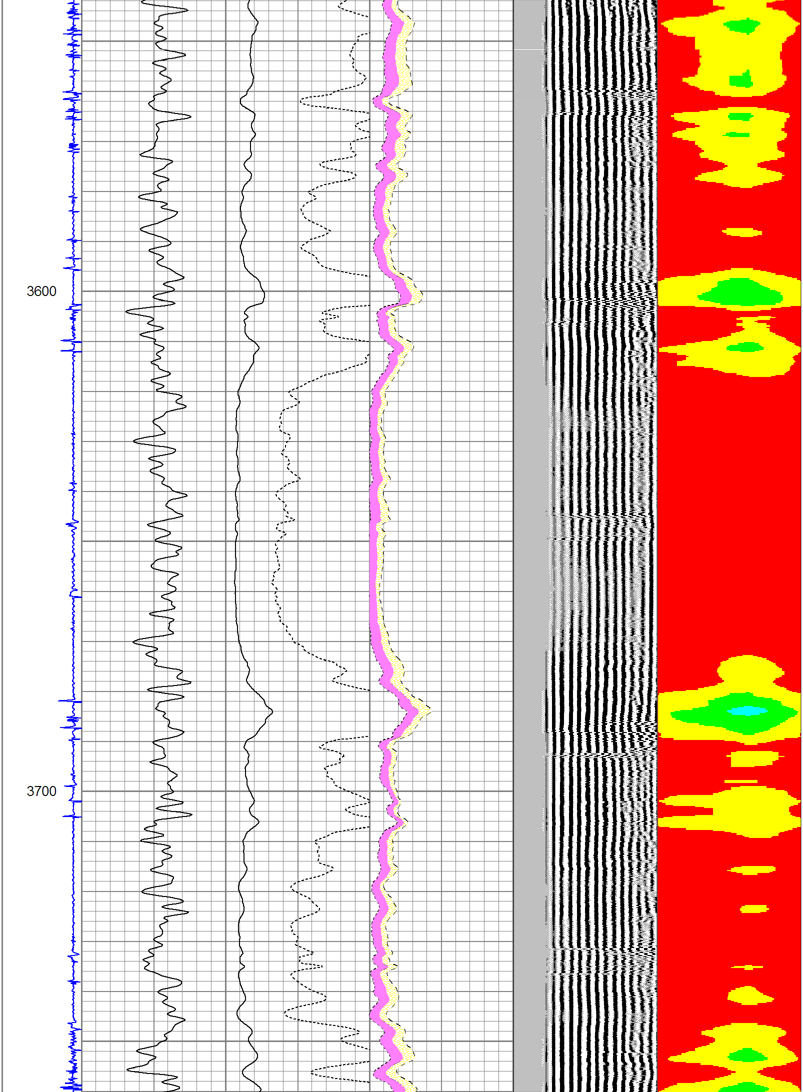
Comments

LOG CORRILATED TO LINER TOP FROM COMPLETION PROCEDURE AT 6742'
N
W O X E
S
THANK YOU FOR USING PIONEER ENERGY SERVICES.
SO # 2-204965

Sensor	Offset (ft)	Schematic	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: usa fed 29n-36hz rbl.db: field/well/run1/pass3
Total Length: 19.27 ft
Total Weight: 190.00 lb
O.D. 2.75 in

Database File: usa fed 29n-36hz rbl.db
Dataset Pathname: pass3
Presentation Format: scbl02
Dataset Creation: Tue Oct 22 10:09:31 2013 by Log SCH 120126
Charted by: Depth in Feet scaled 1:240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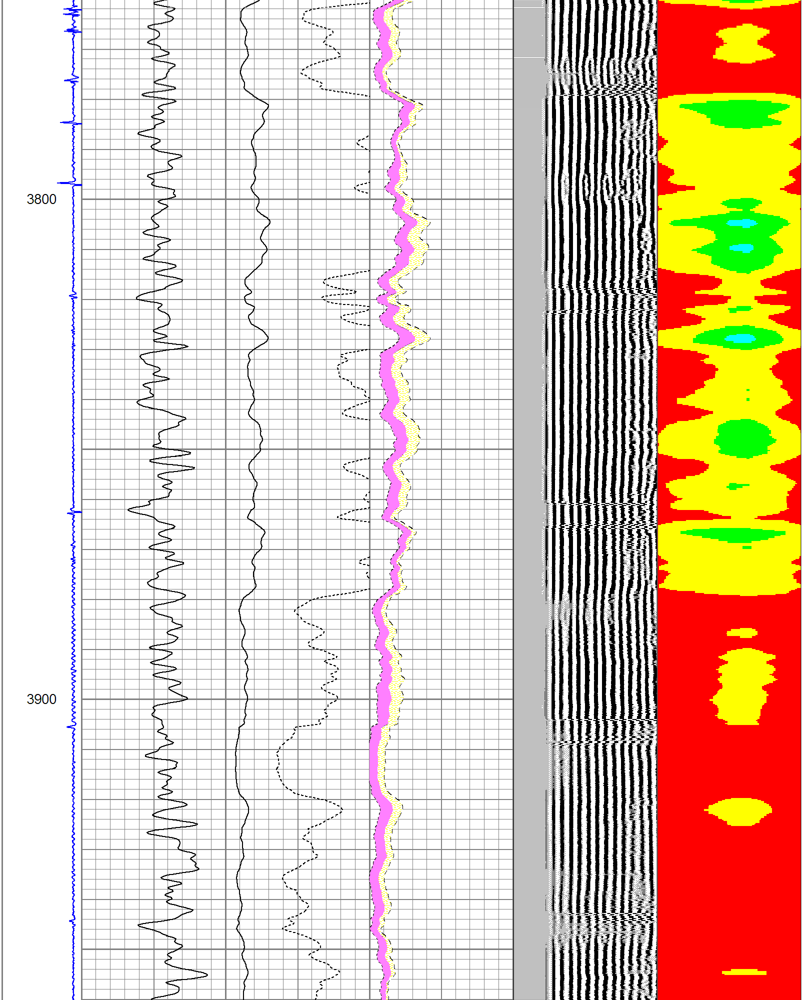
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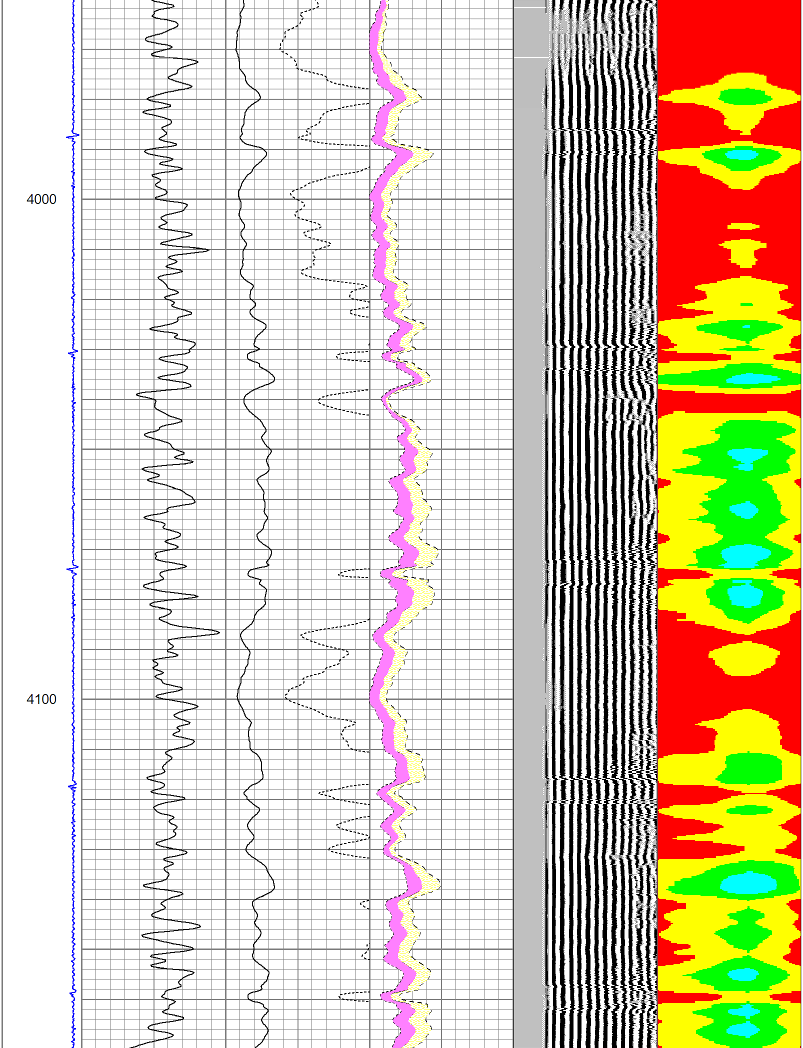
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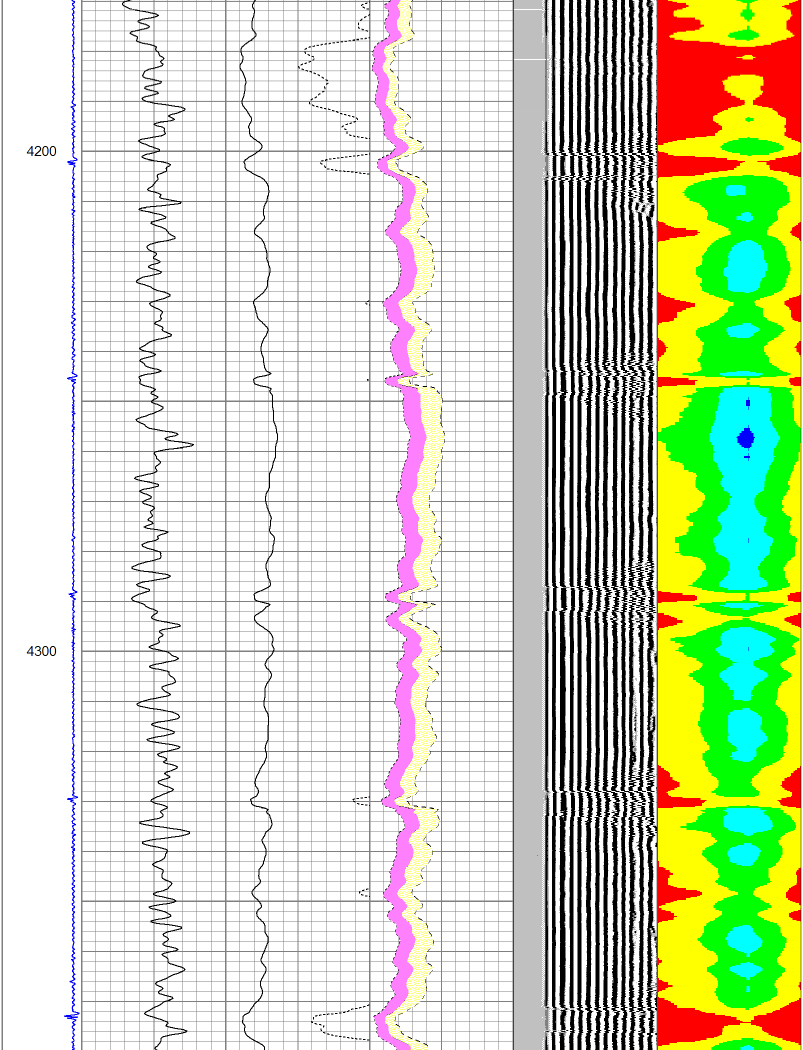
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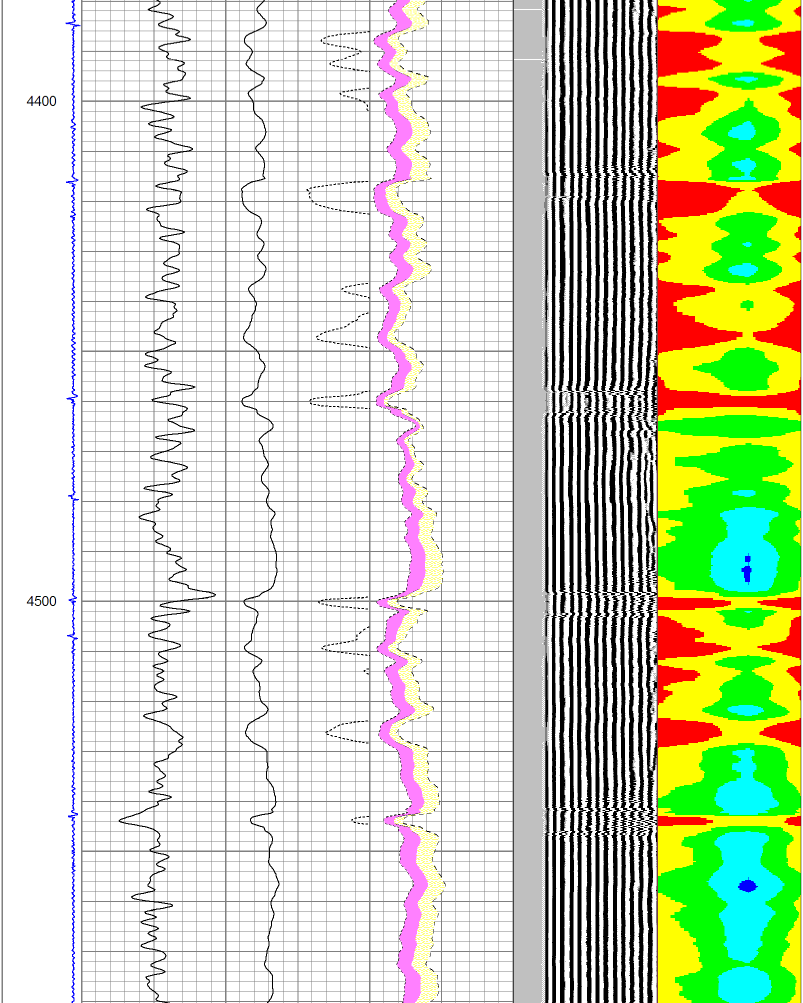
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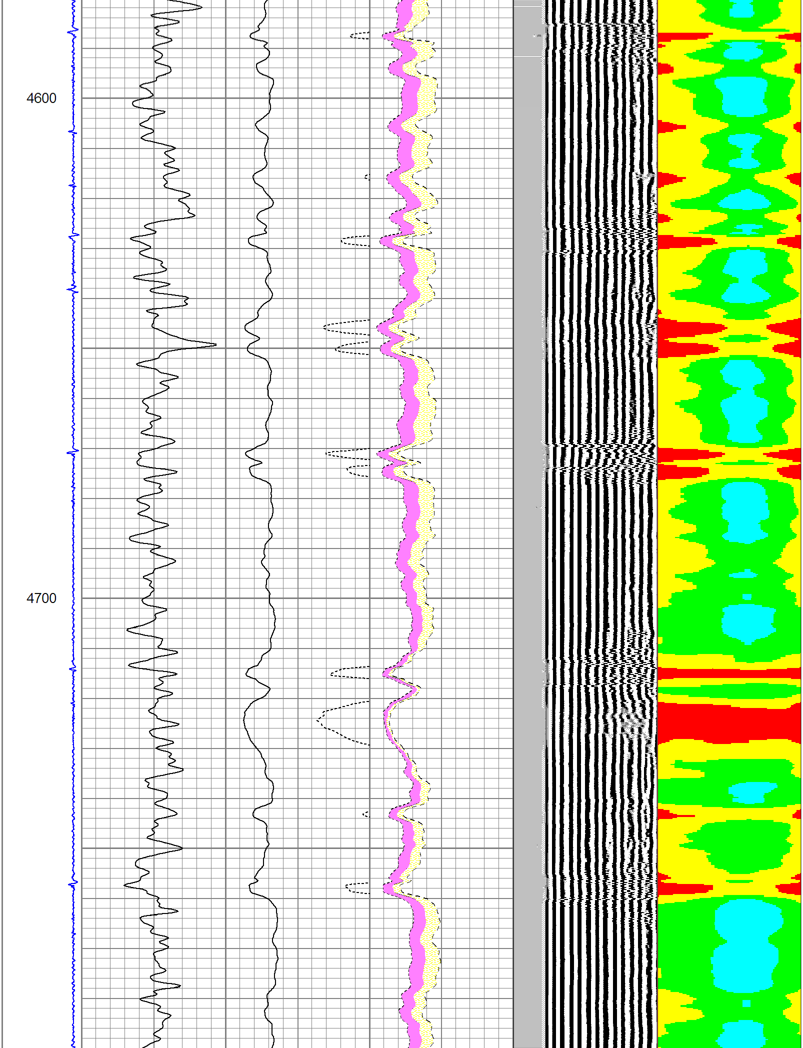
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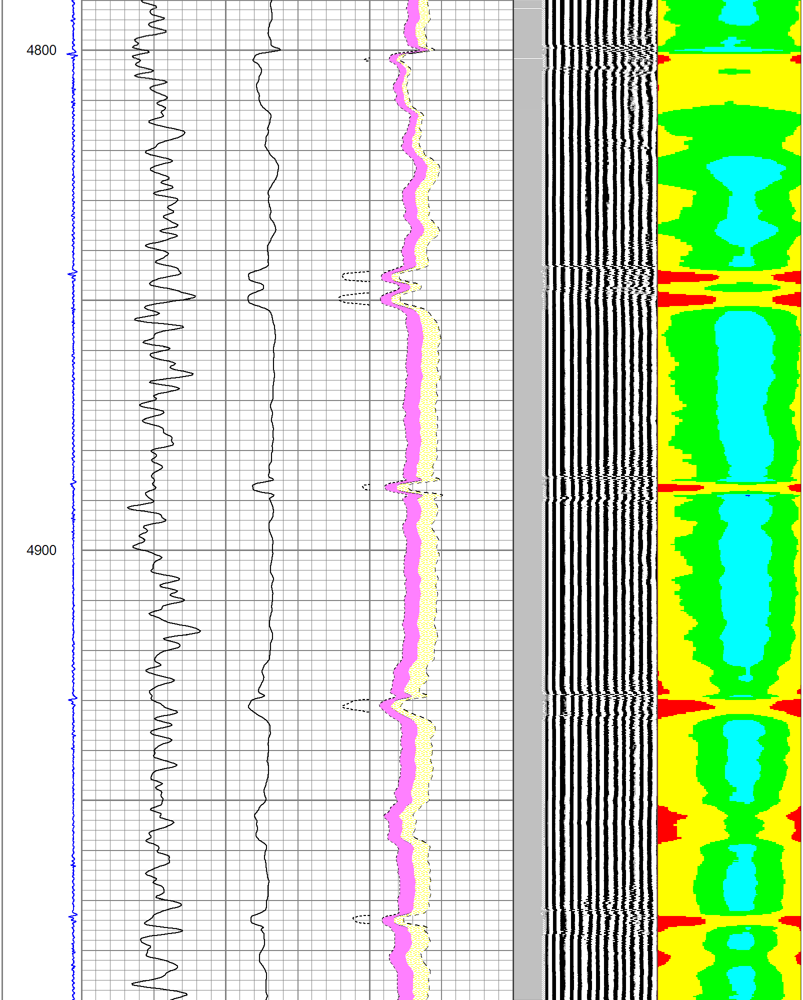
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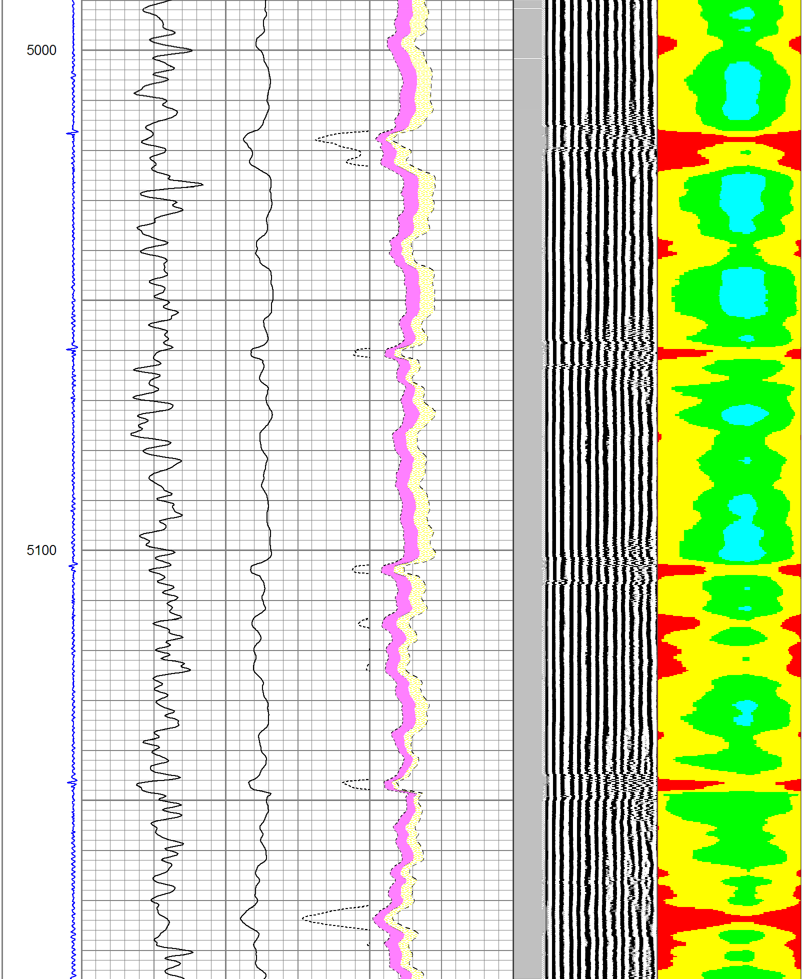
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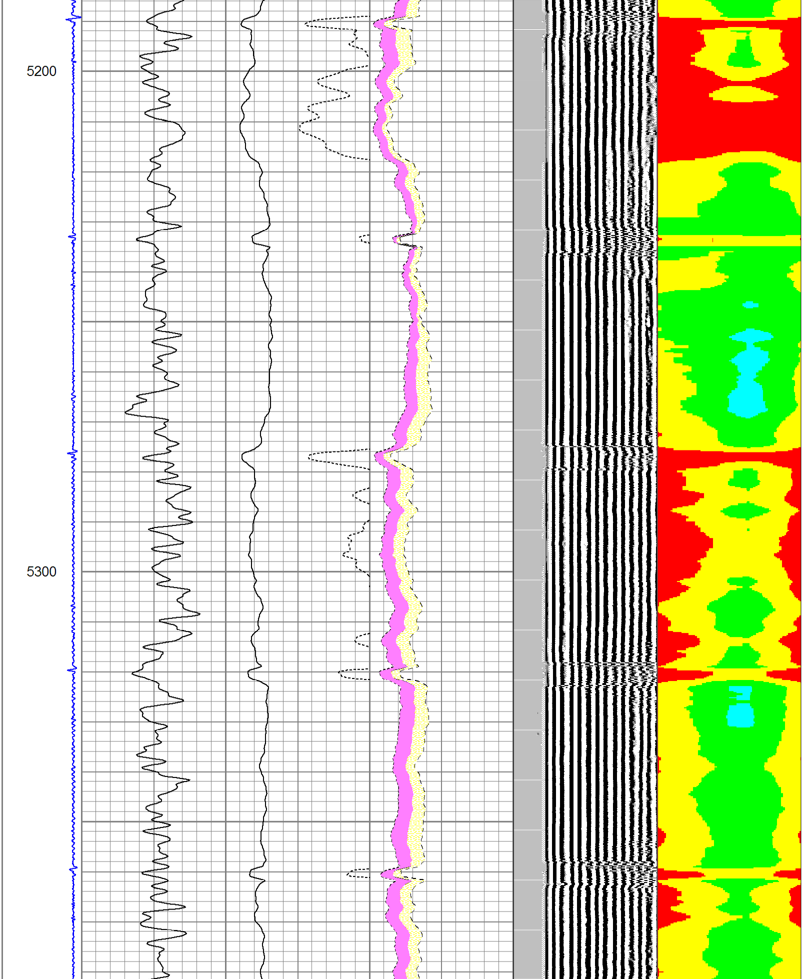
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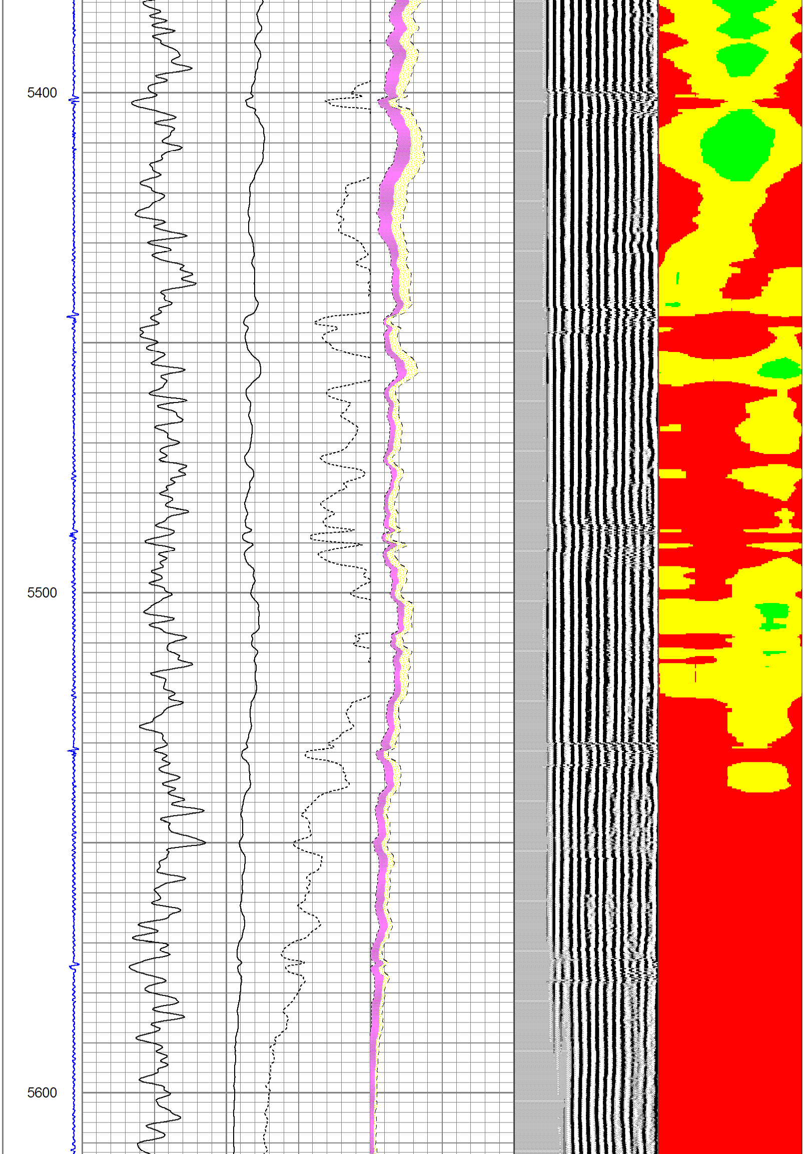
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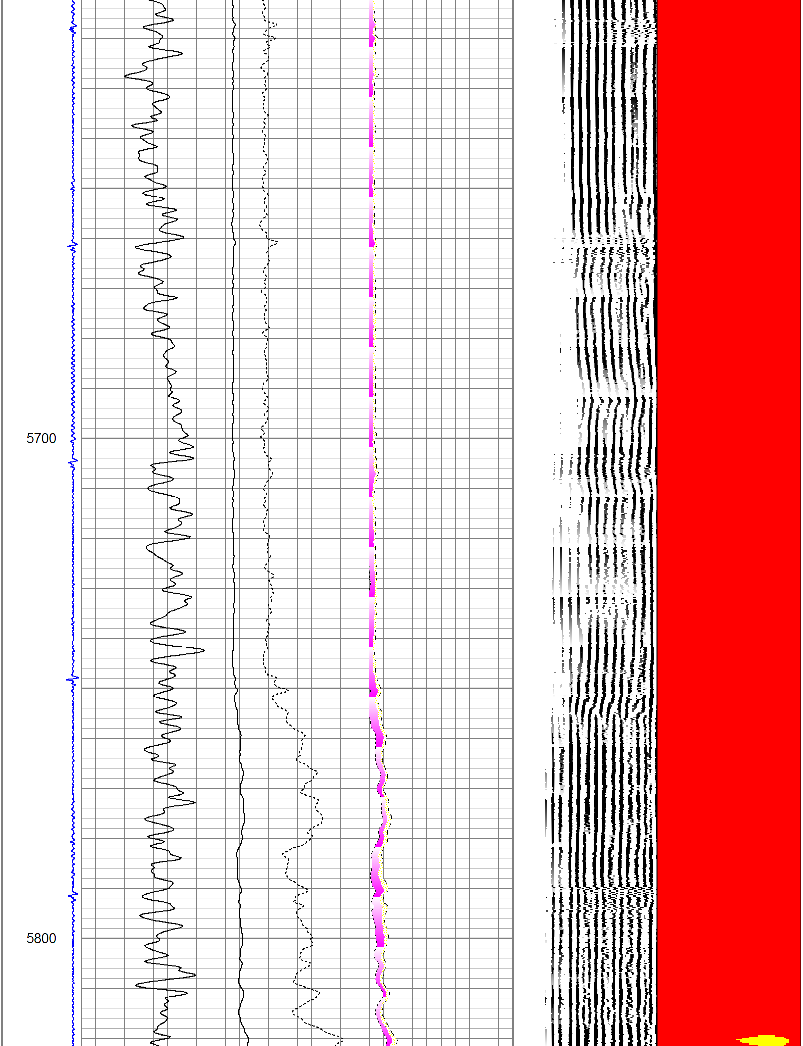
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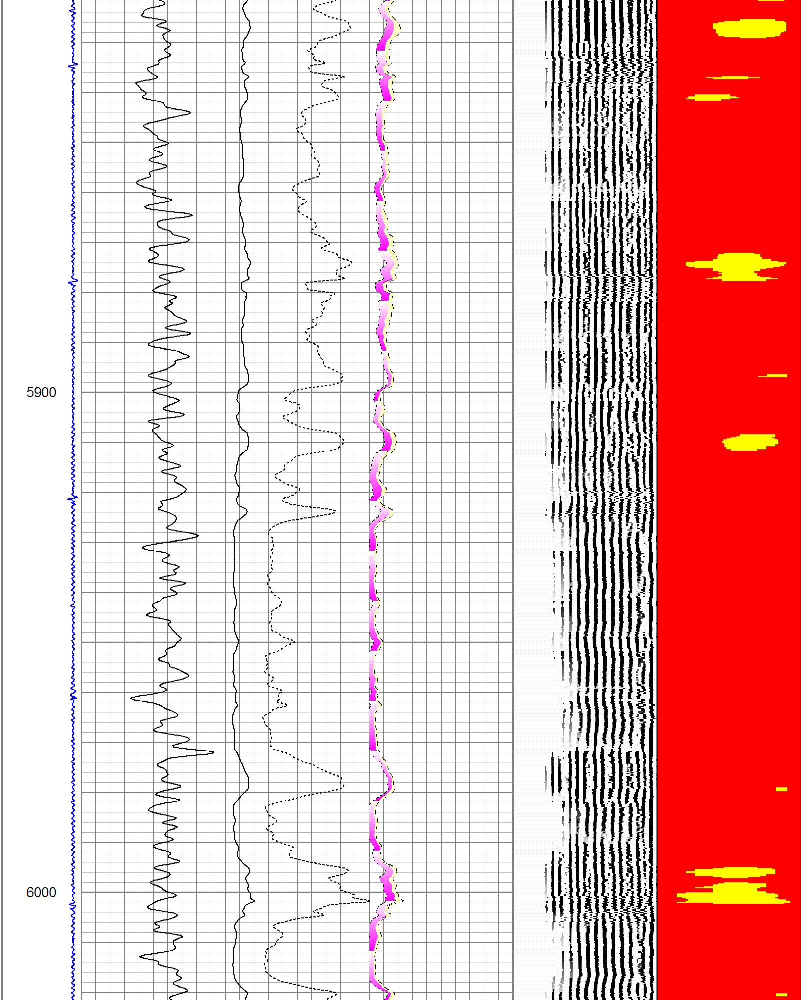
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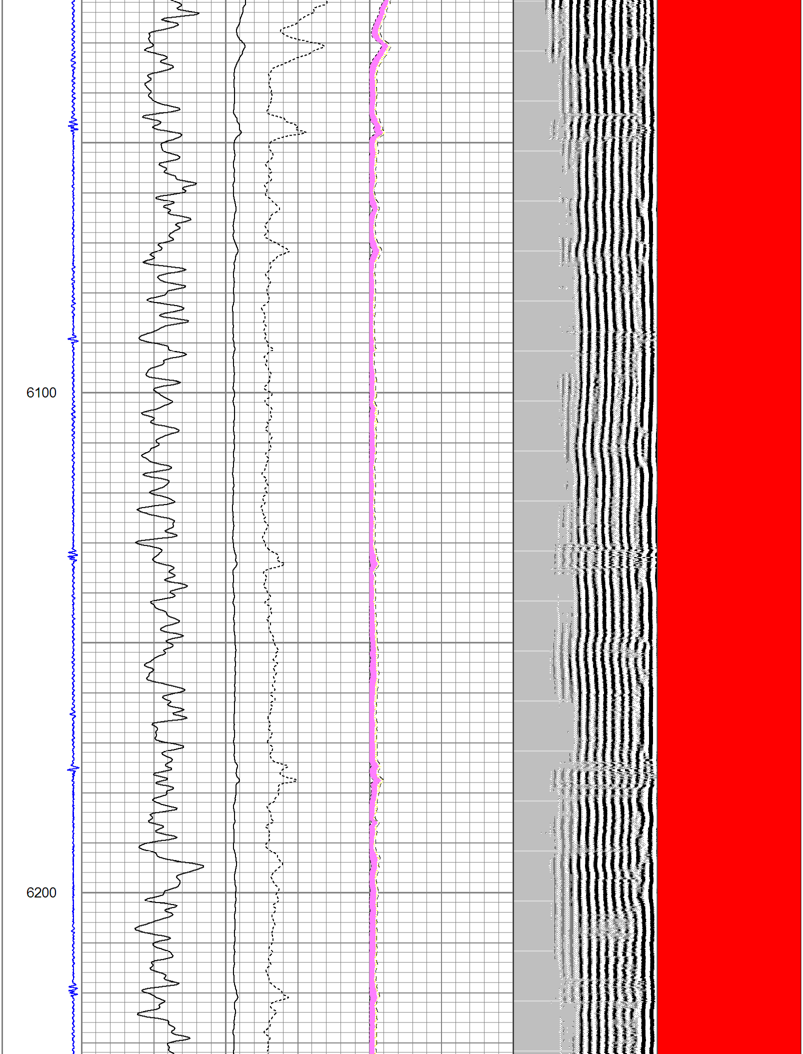
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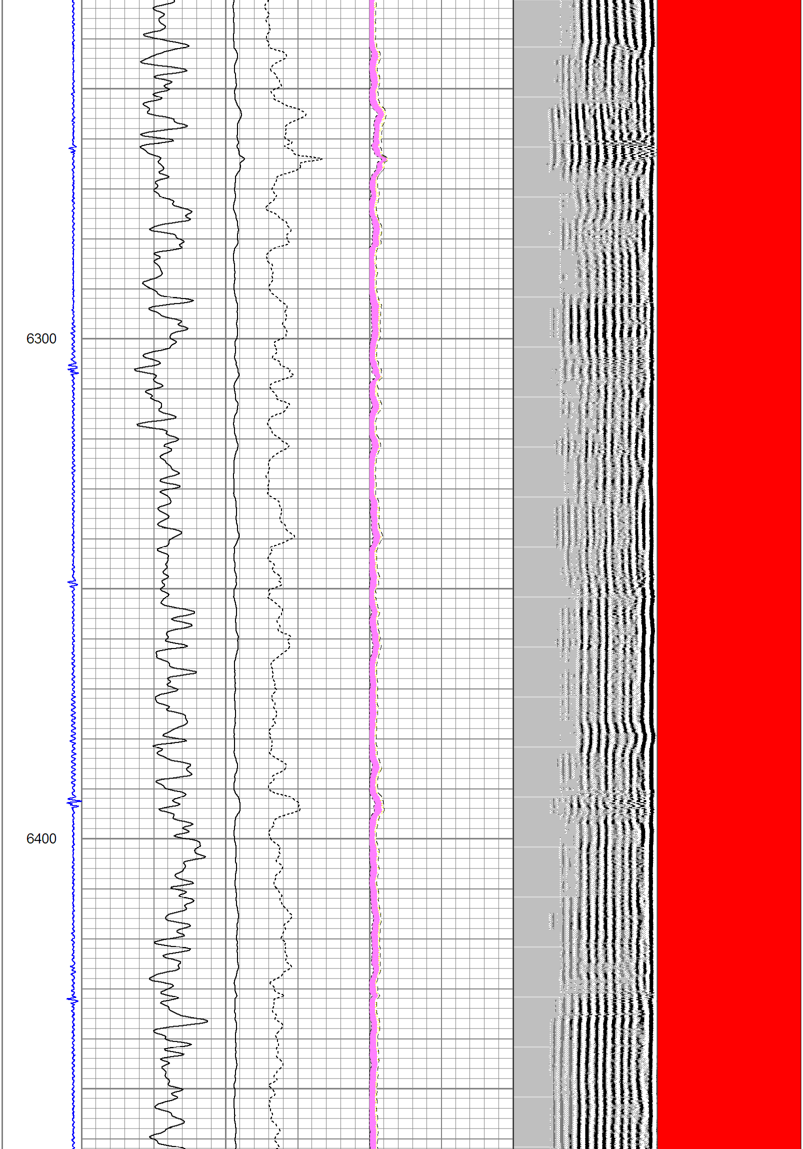
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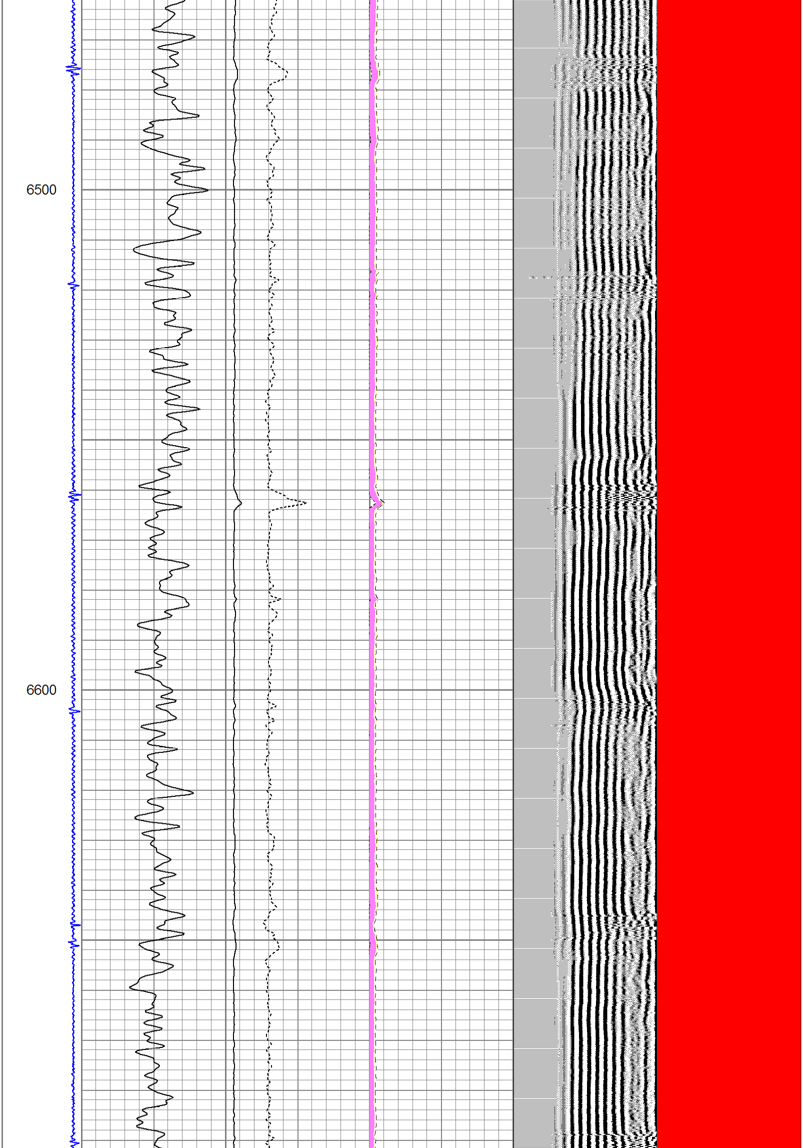
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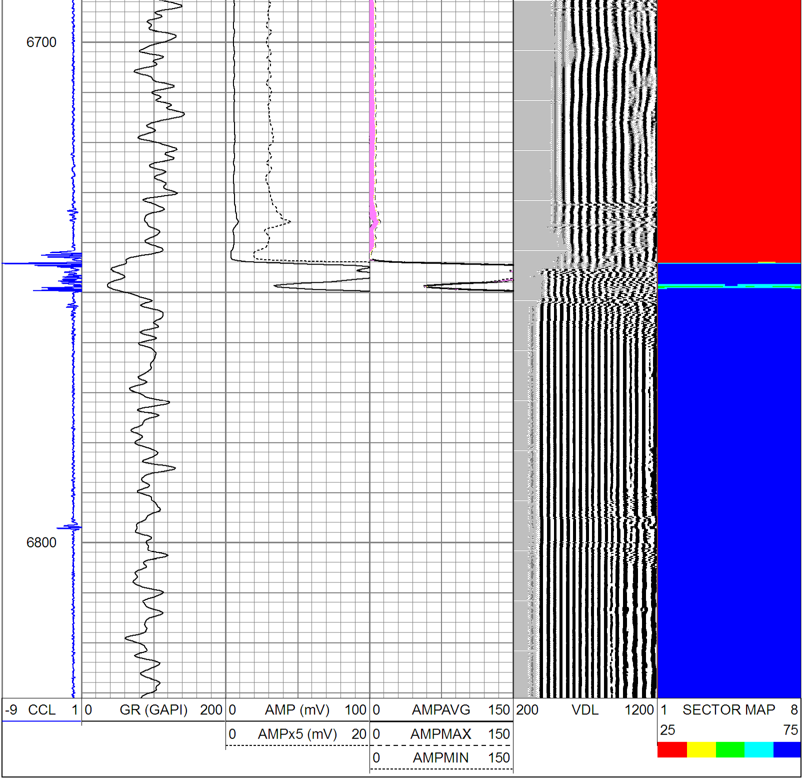
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6800
-9 CCL 1
0 GR (GAPI) 200
0 AMP (mV) 100
0 AMPx5 (mV) 20
0 AMPAVG 150
0 AMPMAX 150
0 AMPMIN 150
200 VDL 1200
1 SECTOR MAP 8
25 75