Casedhole Solutions

GAMMA RAY C.C.L. CEMENT BOND V.D.L.

Company	PDC Energy
Well	R&R Farms 29i - 321
Field	Wattenberg
County	Weld
State	CO

Field	Value
Company	PDC Energy
Well	R&R Farms 29i - 321
Field	Wattenberg
County	Weld
State	CO
API #:	05-123-41856
Location:	641' FSL & 344' FWL SW / SW
SEC	29
TWP	5N
RGE	63W
Other Services	

Corrections made by operator 3/3/20

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

Date	November 20, 2015
Run Number	1
Depth Driller	10962'
Depth Logger	6600'
Bottom Logged Interval	6600'
Top Log Interval	
Casing Size	
Type Fluid	WATER
Max. Recorded Temp.	N/A
Estimated Cement Top	
Time Well Ready	
Time Logger On Bottom	
Unit Number	923827
Tool Size / ID Number	1-11/16 Probe
Location	WCRs63+52,N2/10,Einto
Recorded By	Meisner
Witnessed By	Gardella

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"			
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

R&R Farms L Well Pad

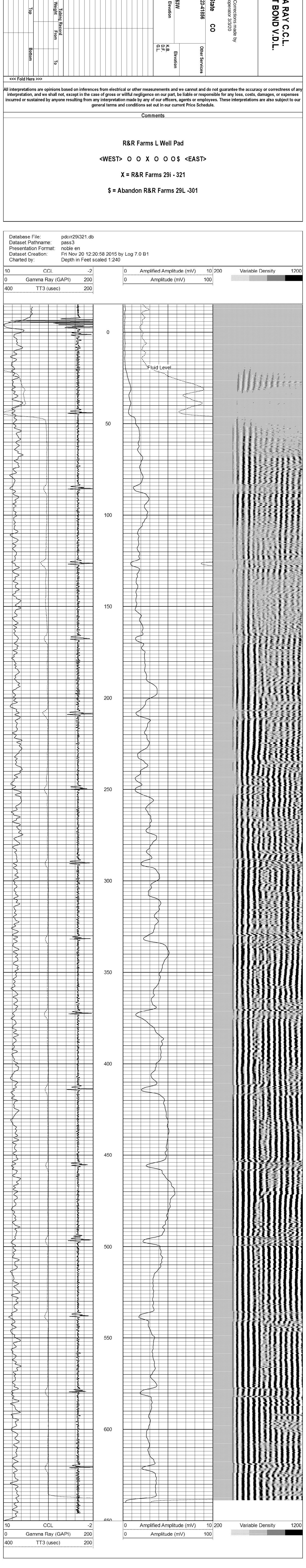
<WEST> O O X O O O$ <EAST>

X = R&R Farms 29i - 321

$ = Abandon R&R Farms 29L -301

Database File: pdcrr29i321.db
Dataset Pathname: pass3
Presentation Format: noble en
Dataset Creation: Fri Nov 20 12:20:58 2015 by Log 7.0 B1
Charted by: Depth in Feet scaled 1:240

10	CCL	-2	0	Amplified Amplitude (mV)	10	200	Variable Density	1200
0	Gamma Ray (GAPI)	200	0	Amplitude (mV)	100			
400	TT3 (usec)	200						



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0	Gamma Ray (GAPI)	200	0	Amplitude (mV)	100			
400	TT3 (usec)	200						

Database File: pdcrr29i321.db
Dataset Pathname: pass1
Presentation Format: noble en
Dataset Creation: Fri Nov 20 11:23:16 2015 by Log 7.0 B1
Charted by: Depth in Feet scaled 1:240

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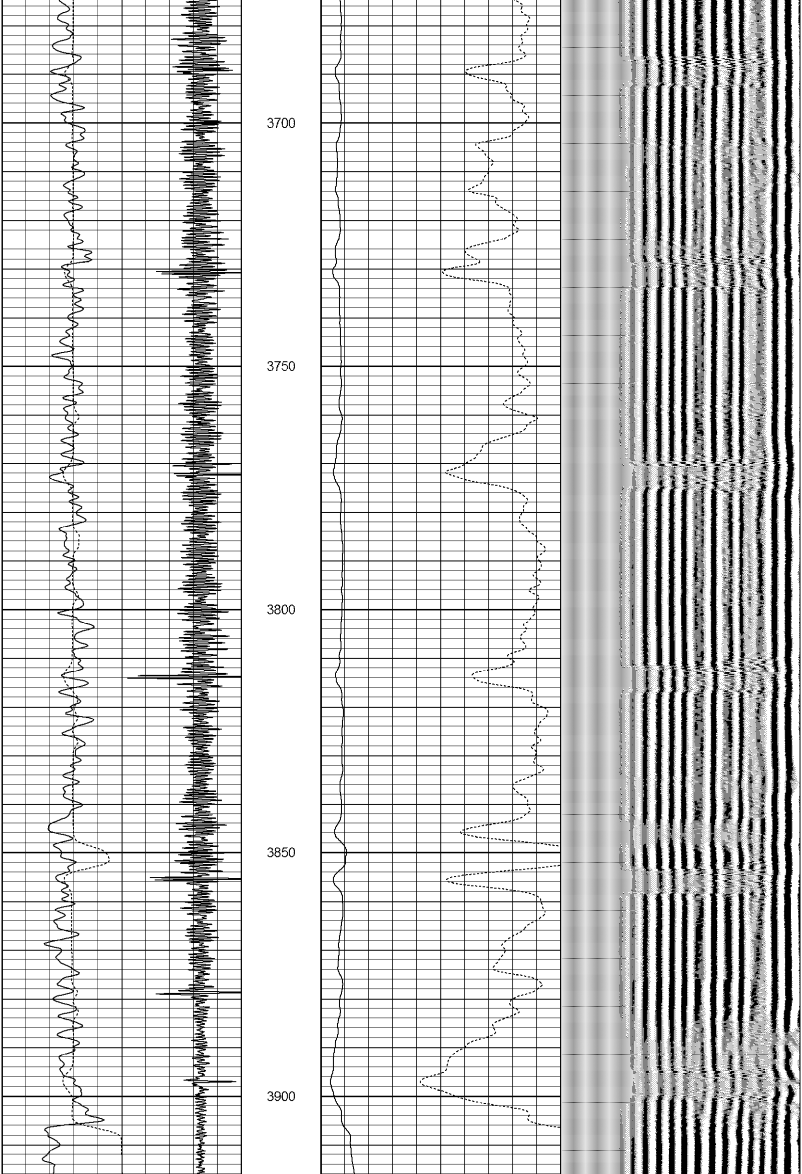
0	Gamma Ray (GAPI)	200	0	Amplitude (mV)	100			
400	TT3 (usec)	200						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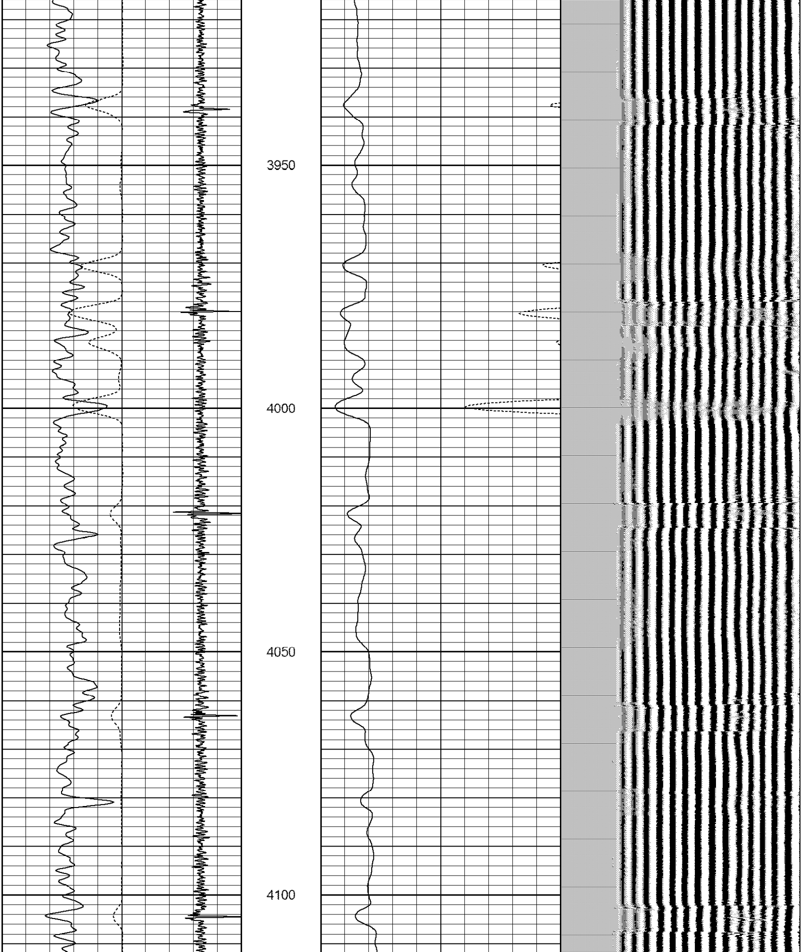
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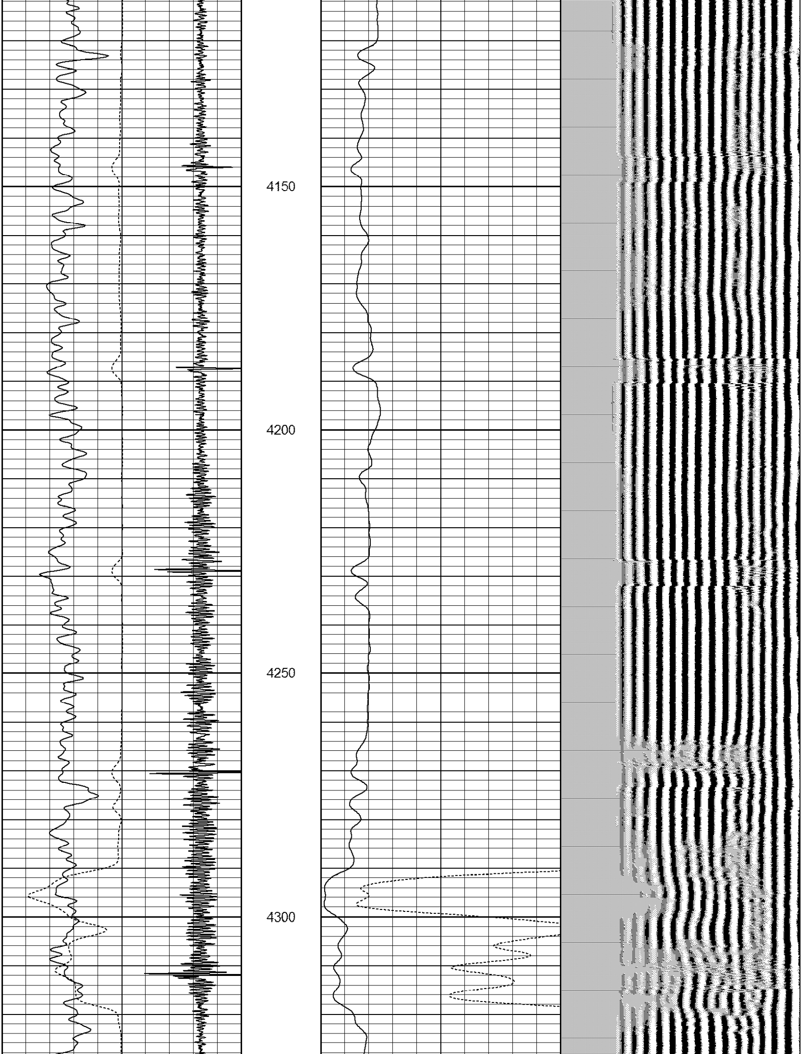
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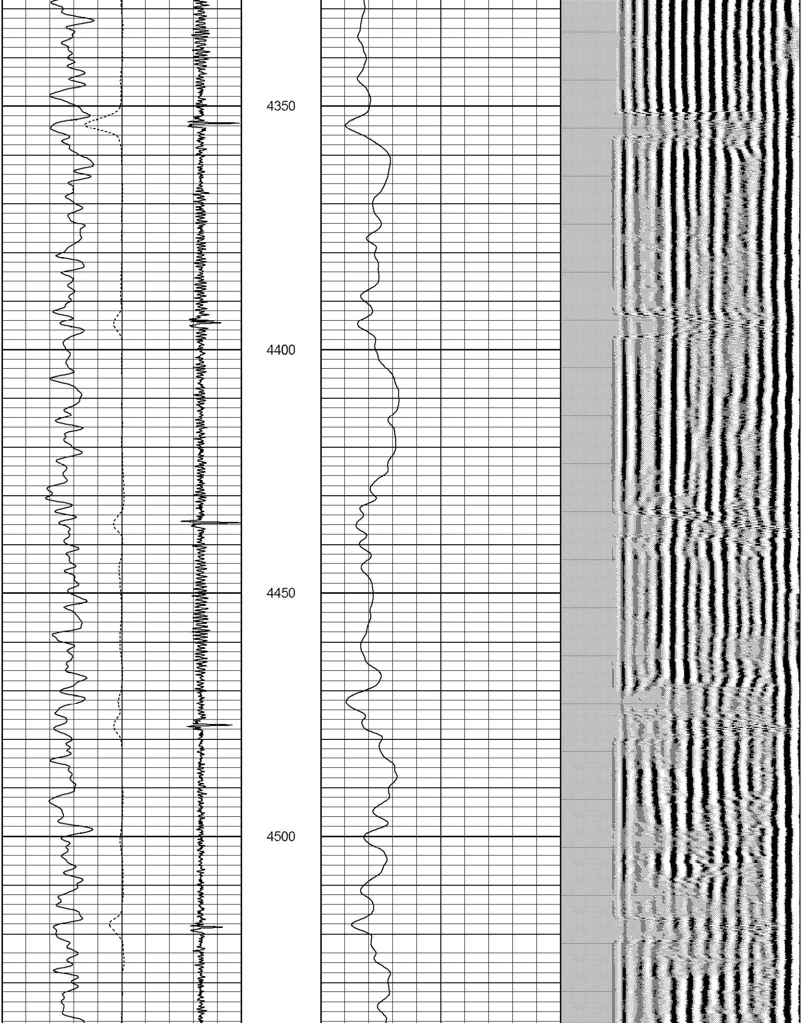
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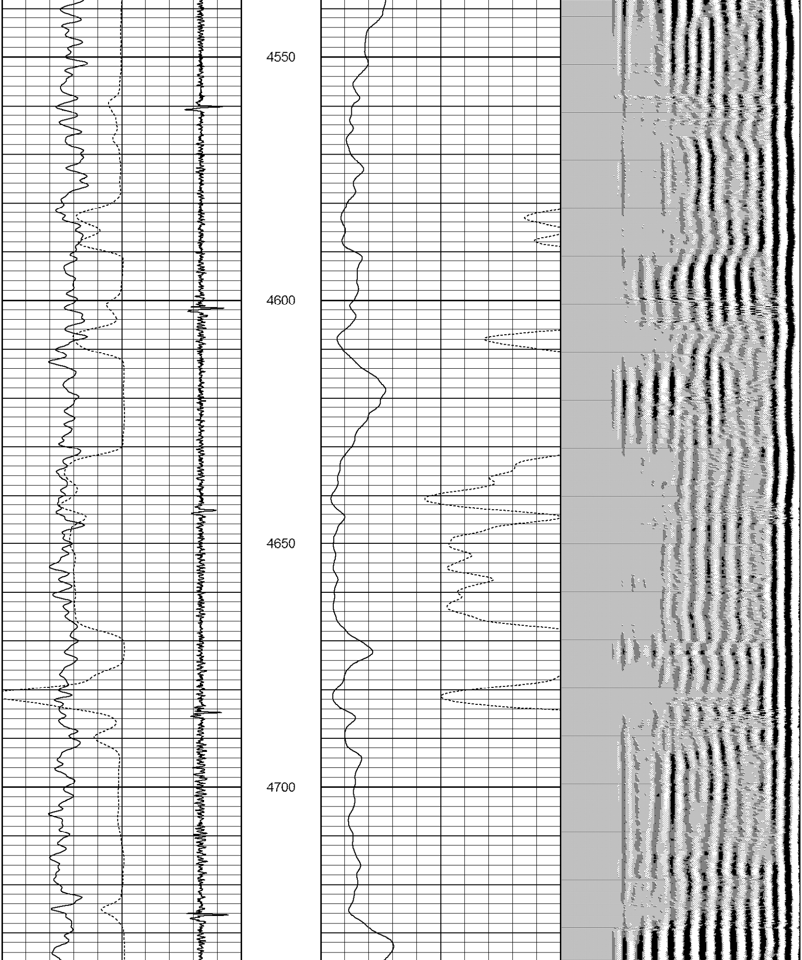
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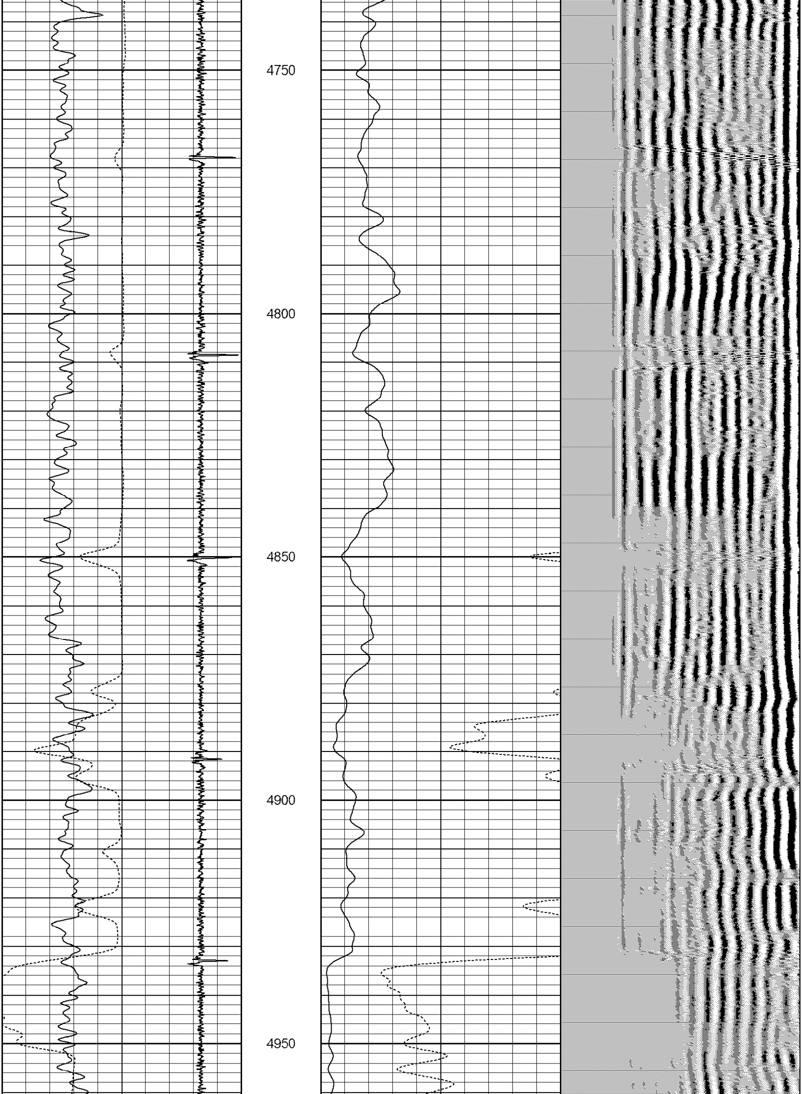
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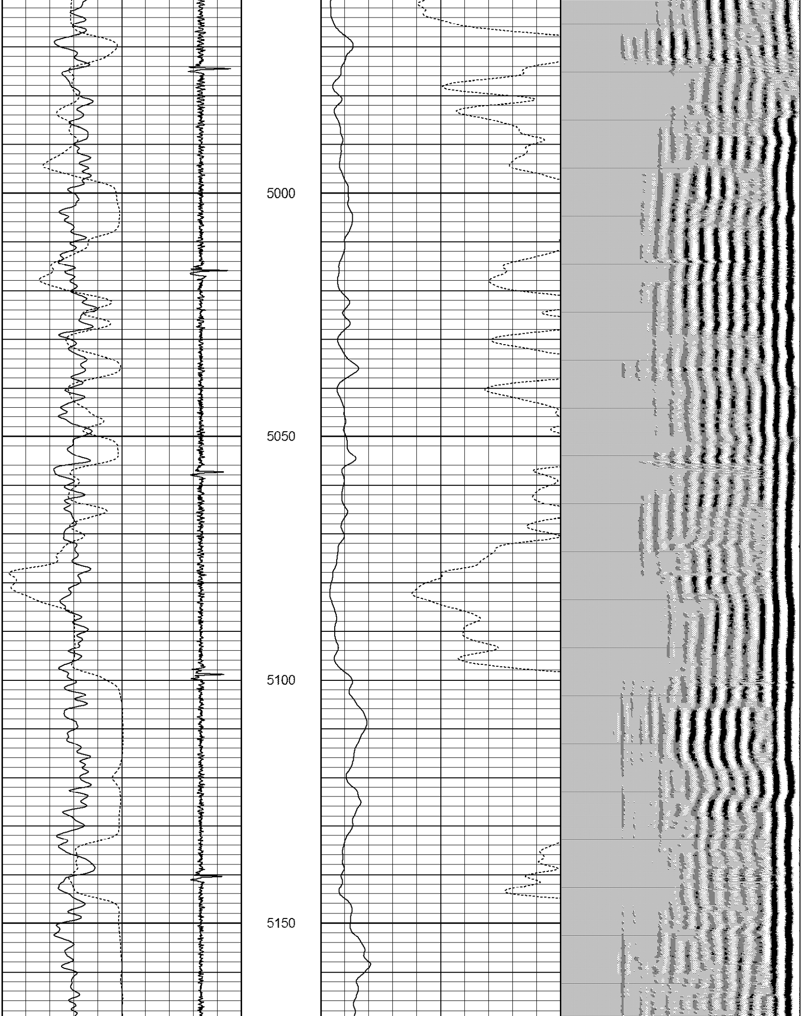
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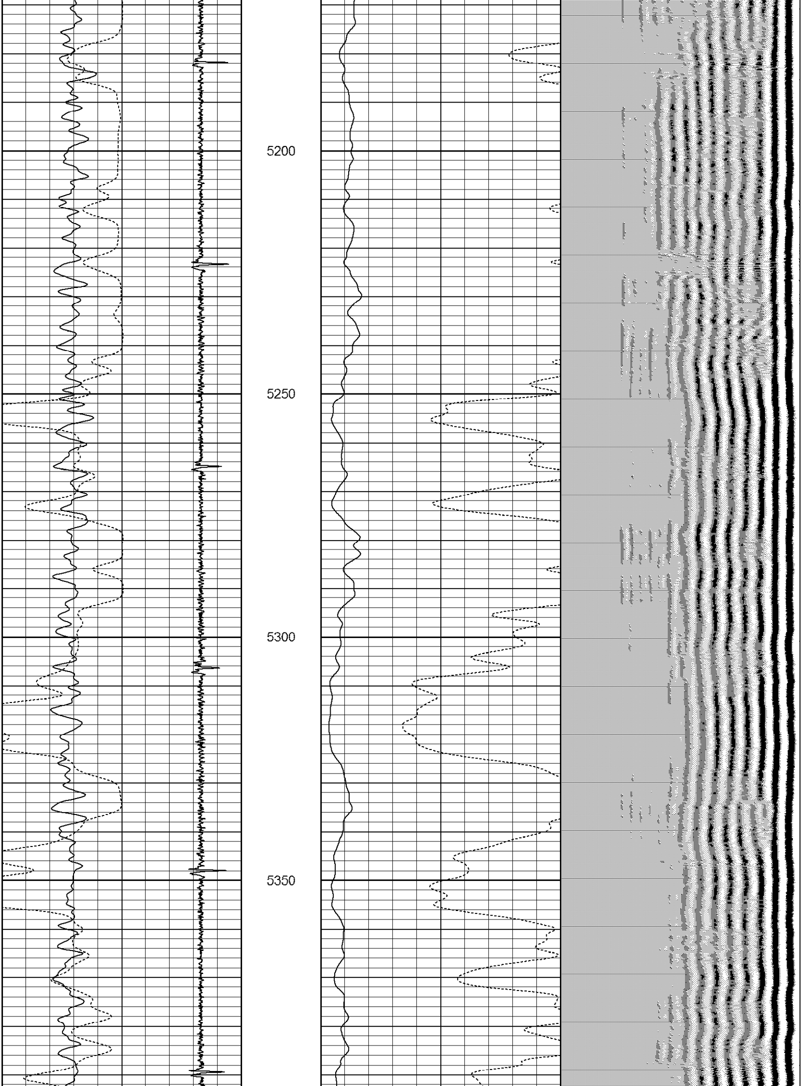
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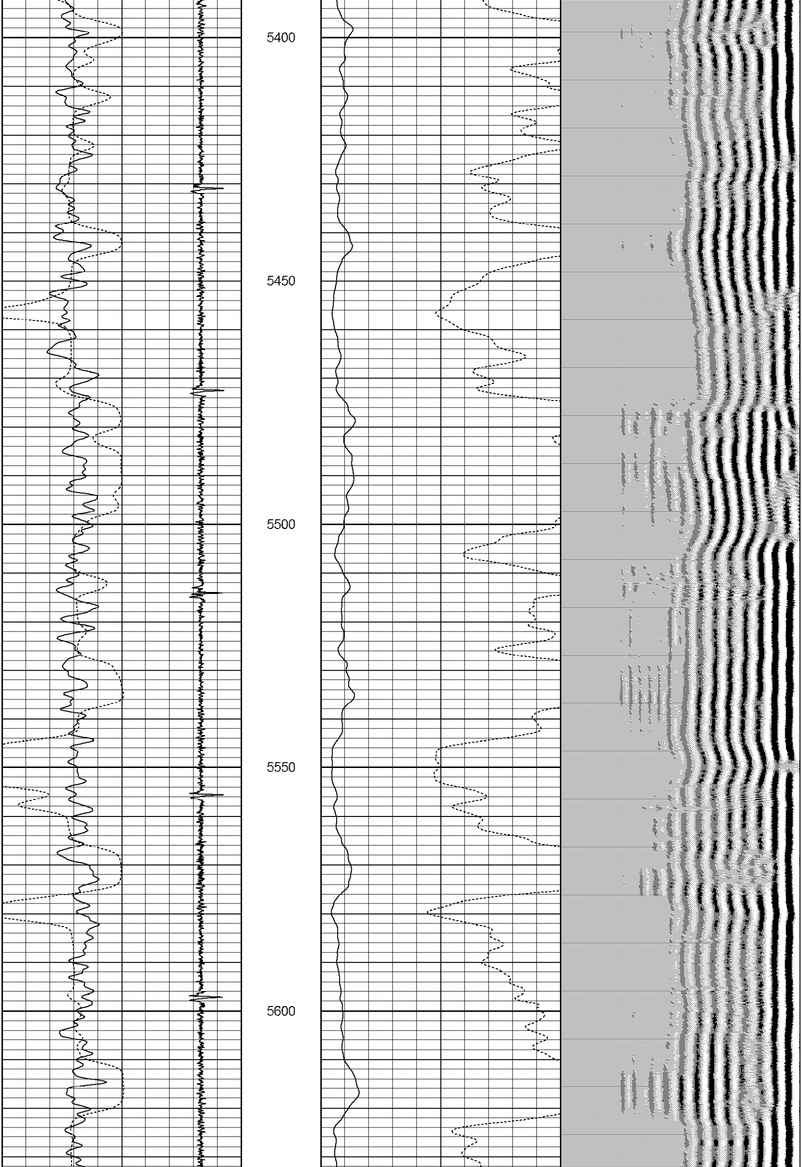
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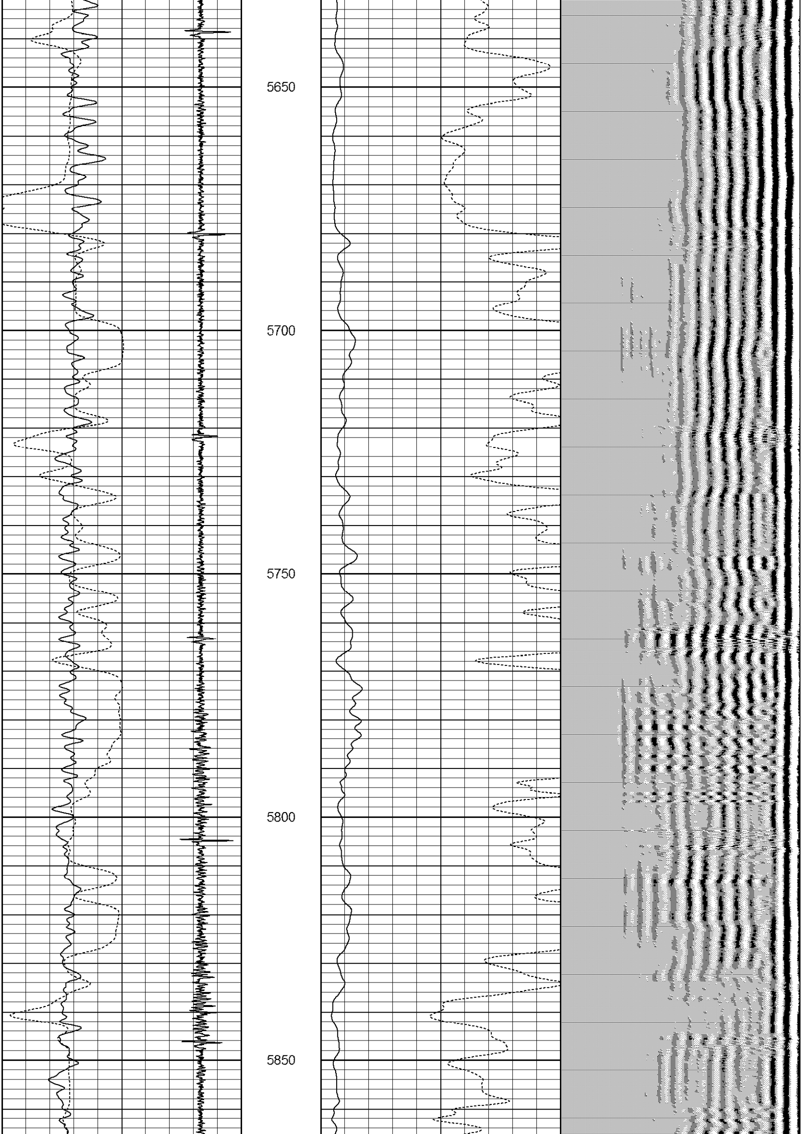
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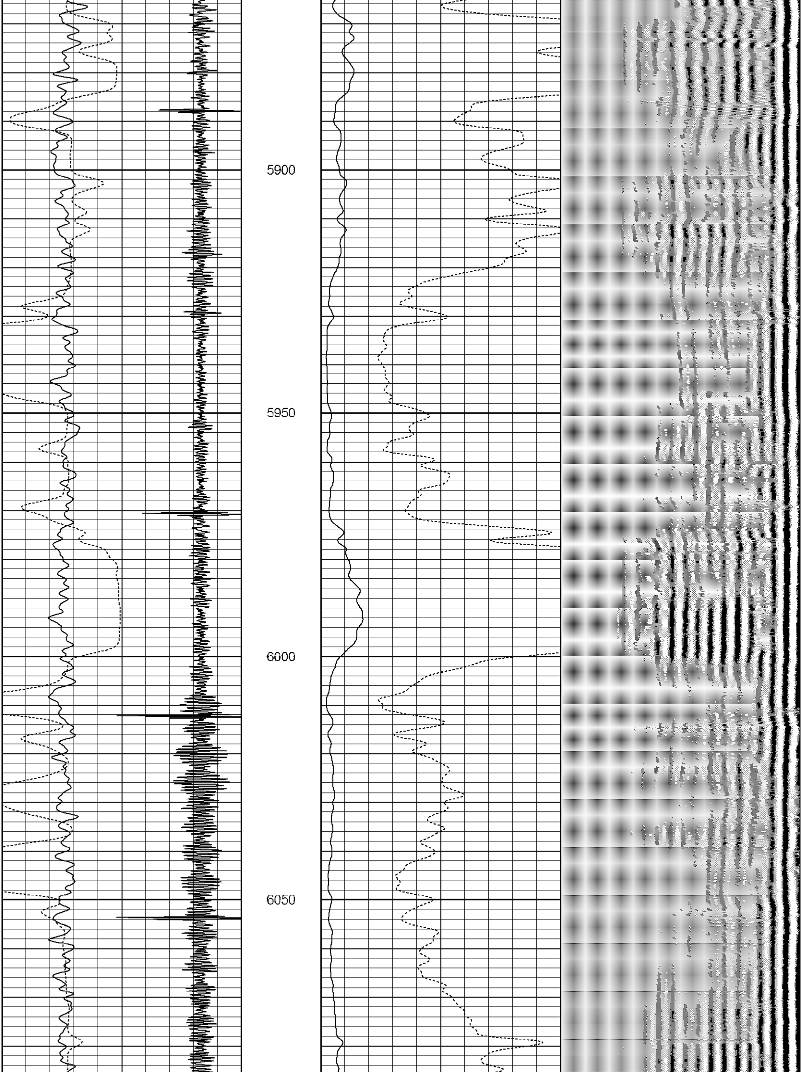
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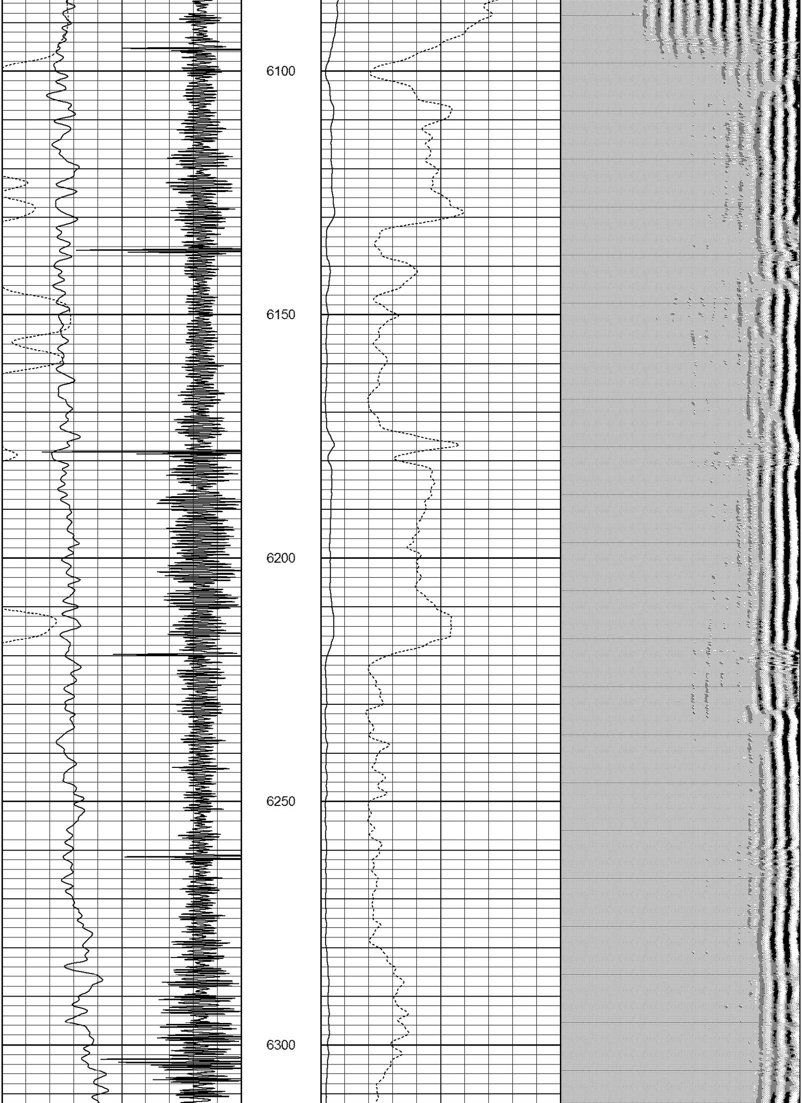
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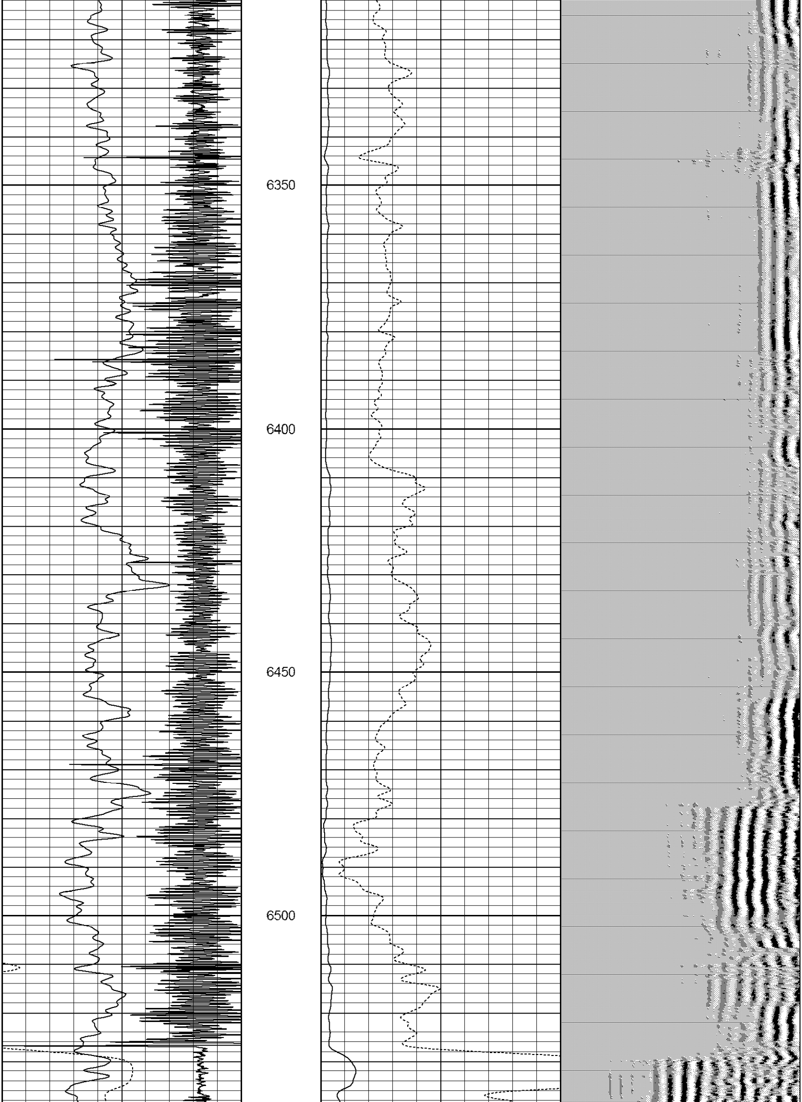
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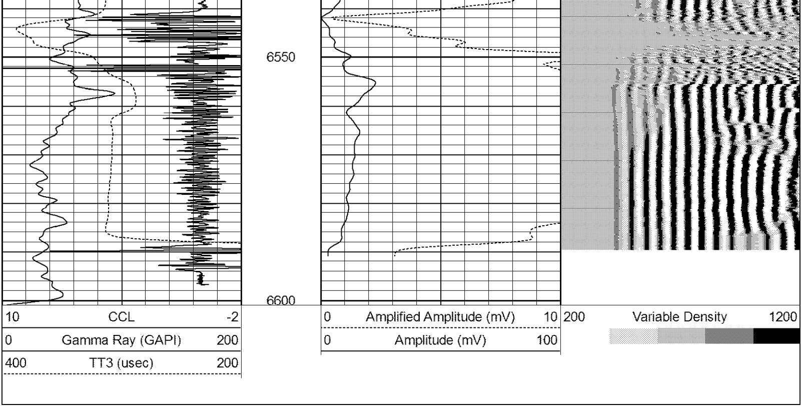
6550
6600
10 CCL -2
0 Gamma Ray (GAPI) 200
400 TT3 (usec) 200
0 Amplified Amplitude (mV) 10
0 Amplitude (mV) 100
200 Variable Density 1200