BASIN WELL LOGGING
PERFORATING - WIRELINE SERVICES

CEMENT BOND LOG
W/GAMMA RAY, VDL
CASING COLLARS

Company Elm Ridge Exploration Co LLC.
Well IGE #114
Field Ignacio Blanco
County La Plata
State CO

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Location: API # : 05-067-0938900

1415' FSL & 997' FWL

SEC 18 TWP 33N RGE 7W

Other Services

Elevation
K.B. 6549'
D.F. 6548'
G.L. 6537'

Permanent Datum	Ground Level	Elevation	6537'
Log Measured From	K.B. 12'		
Drilling Measured From	KELLY BUSHING		

Date	07-20-2013		
Run Number	FOUR	After Squeeze	
Depth Driller	3075' PBTD		
Depth Logger	3068'		
Bottom Logged Interval	3063'		
Top Log Interval	SURF.		
Open Hole Size	7-7/8"		
Type Fluid	WATER		
Density / Viscosity	N/A		
Max. Recorded Temp.	N/A		
Estimated Cement Top	SEE LOG		
Time Well Ready	N/A		
Time Logger on Bottom	N/A		
Equipment Number	T-109		
Location	FARMINGTON		
Recorded By	P. BAKER		
Witnessed By	M. STRIEGEL		

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
	7-7/8"						

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8-5/8"	24# J-55	SURF.	345'
Prot. String				
Production String	5-1/2"	17# J-55	SURF.	3141'
Liner				
Marker Jts.	2520'-2534'			

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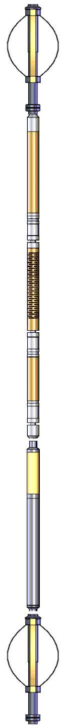
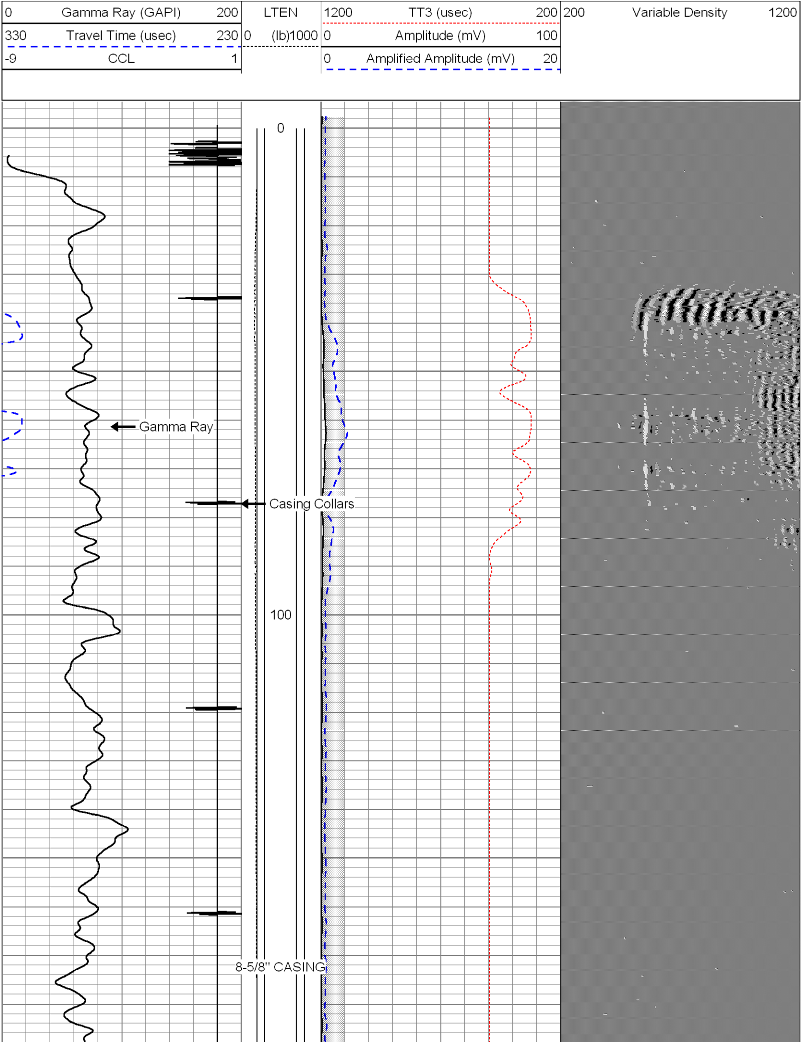
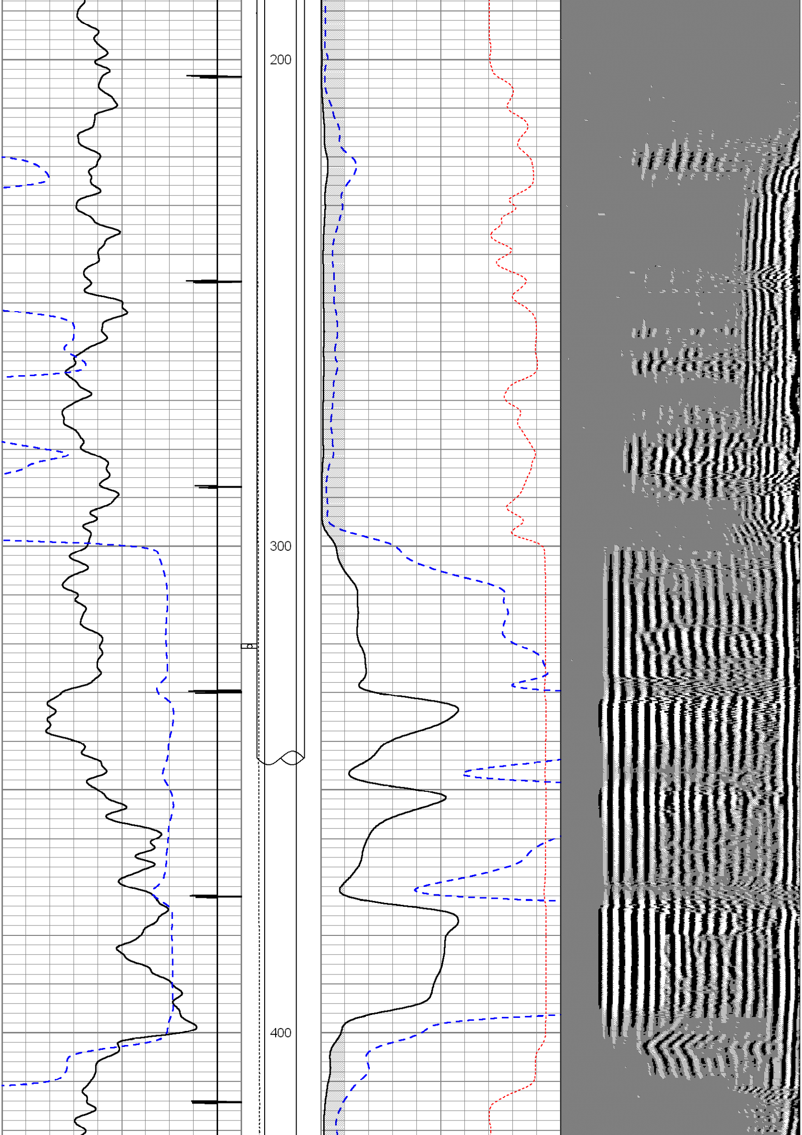
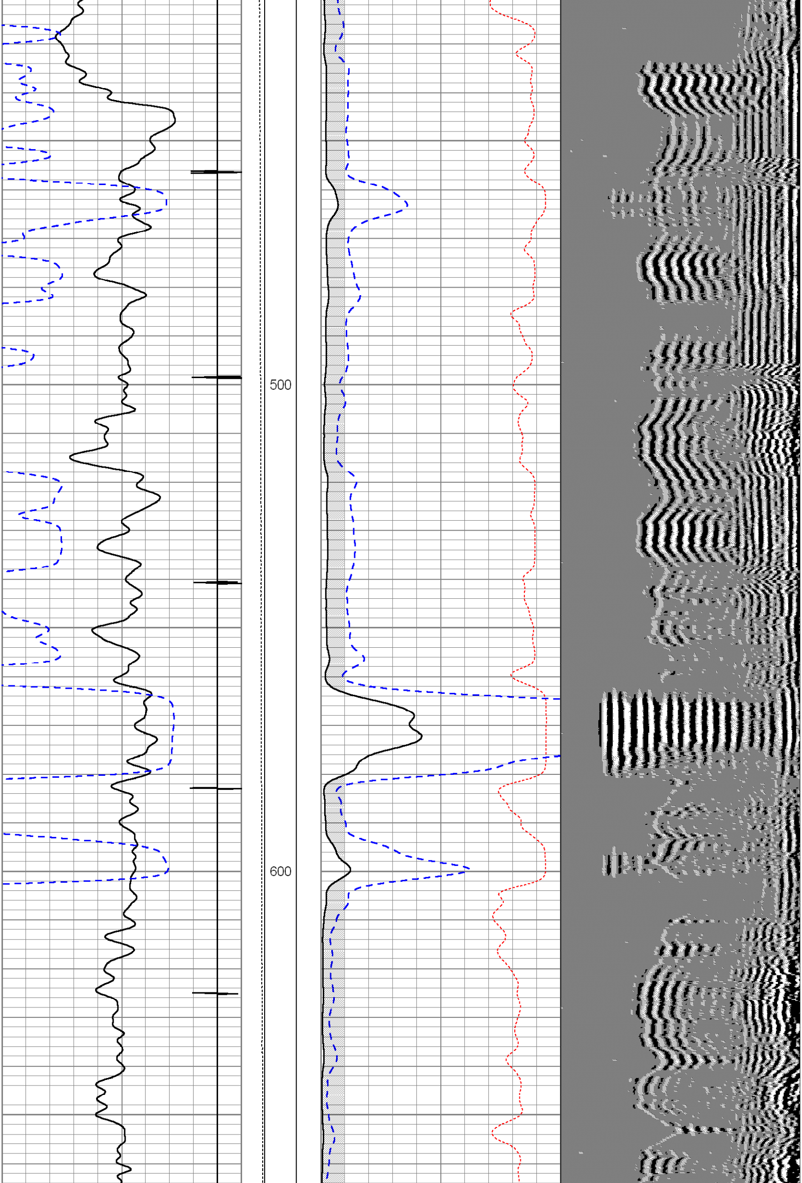
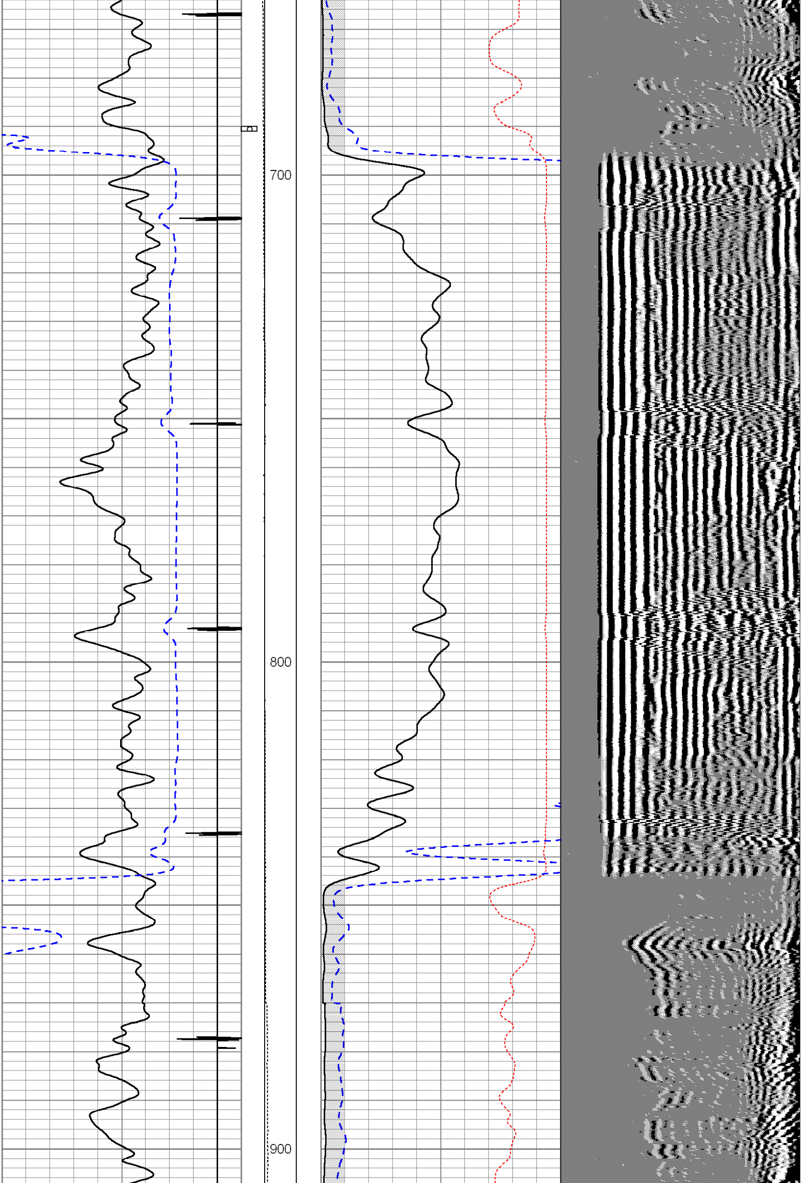
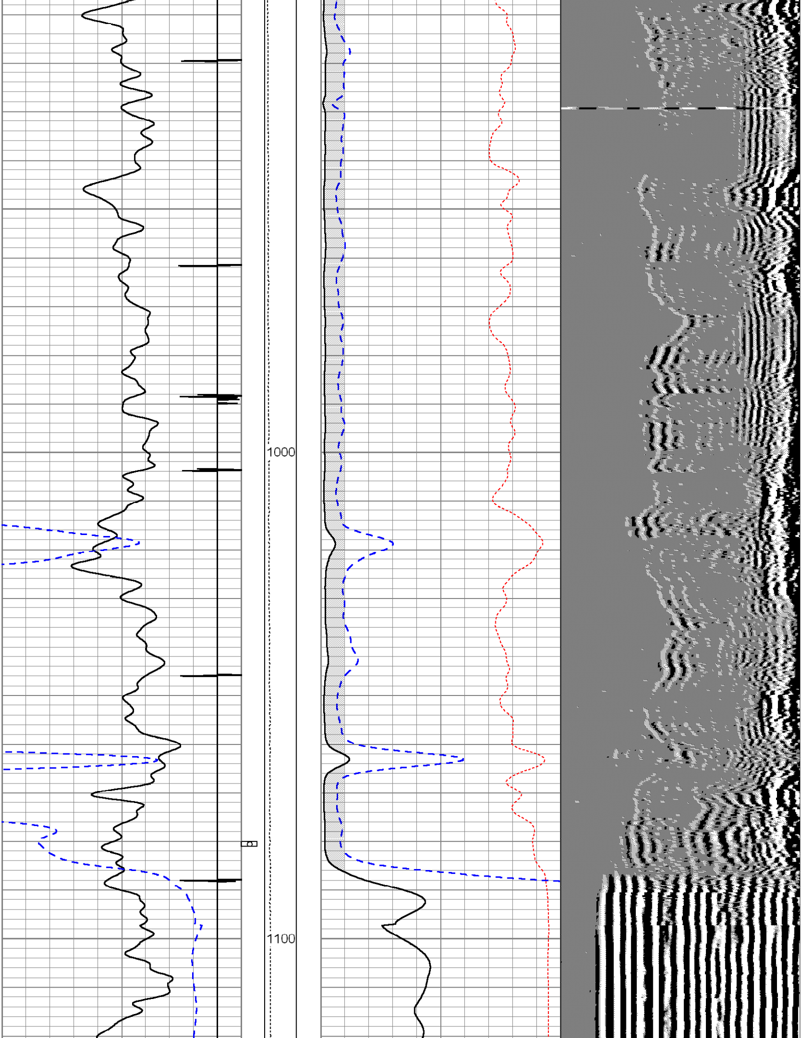
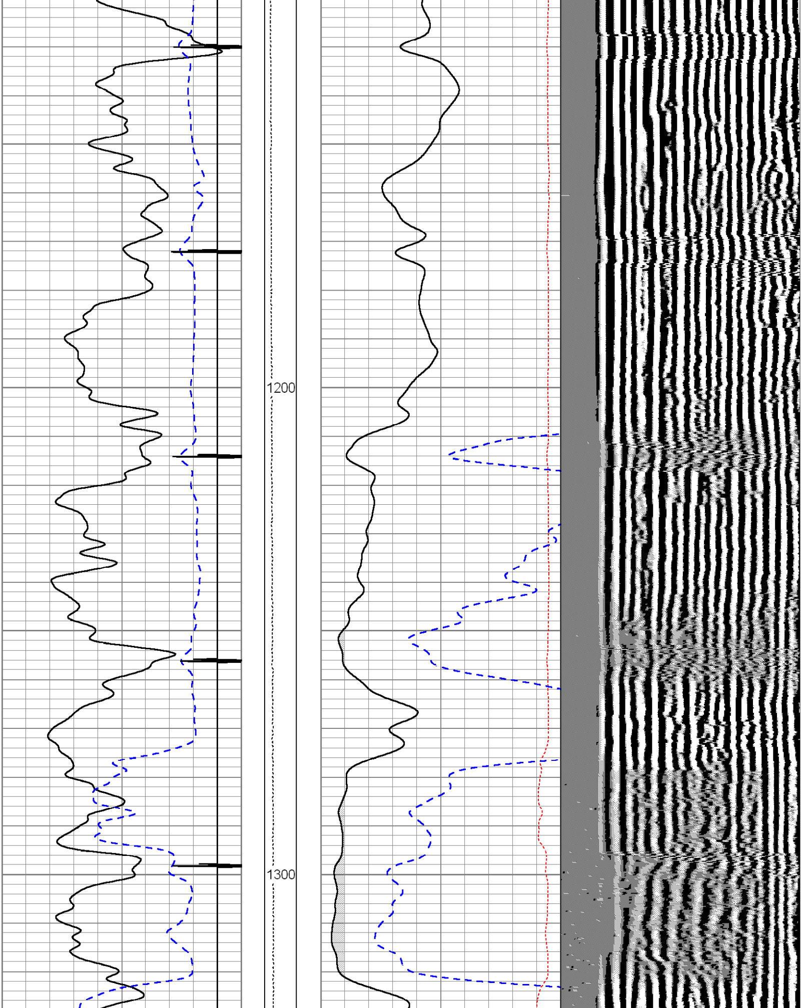
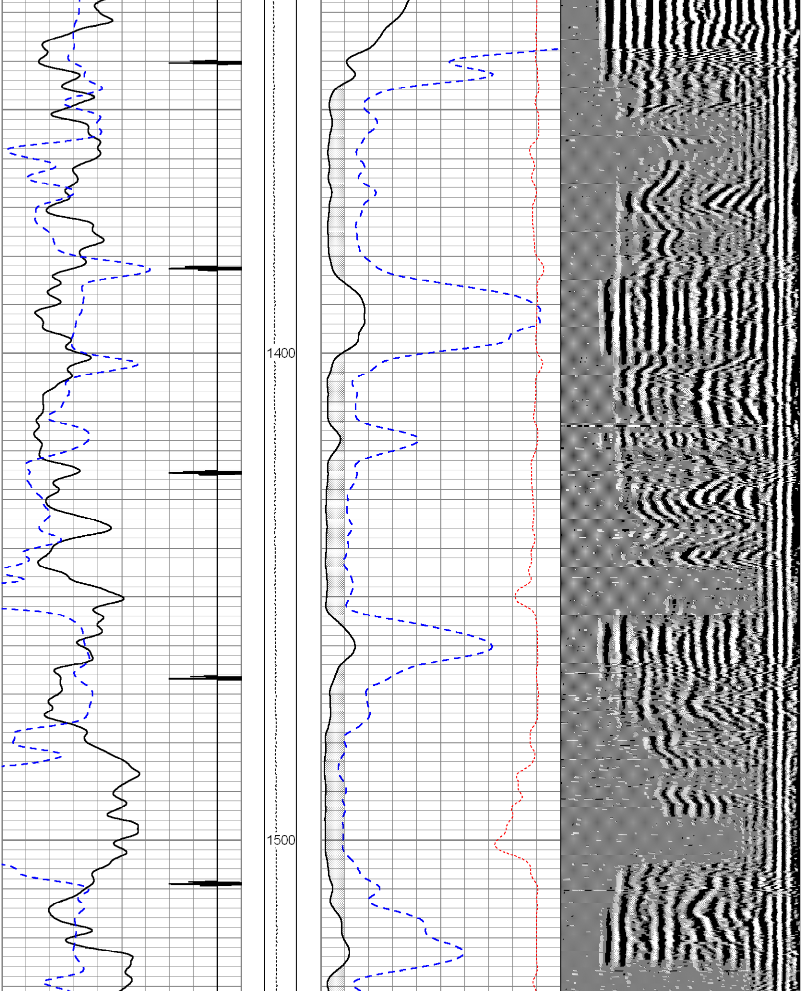
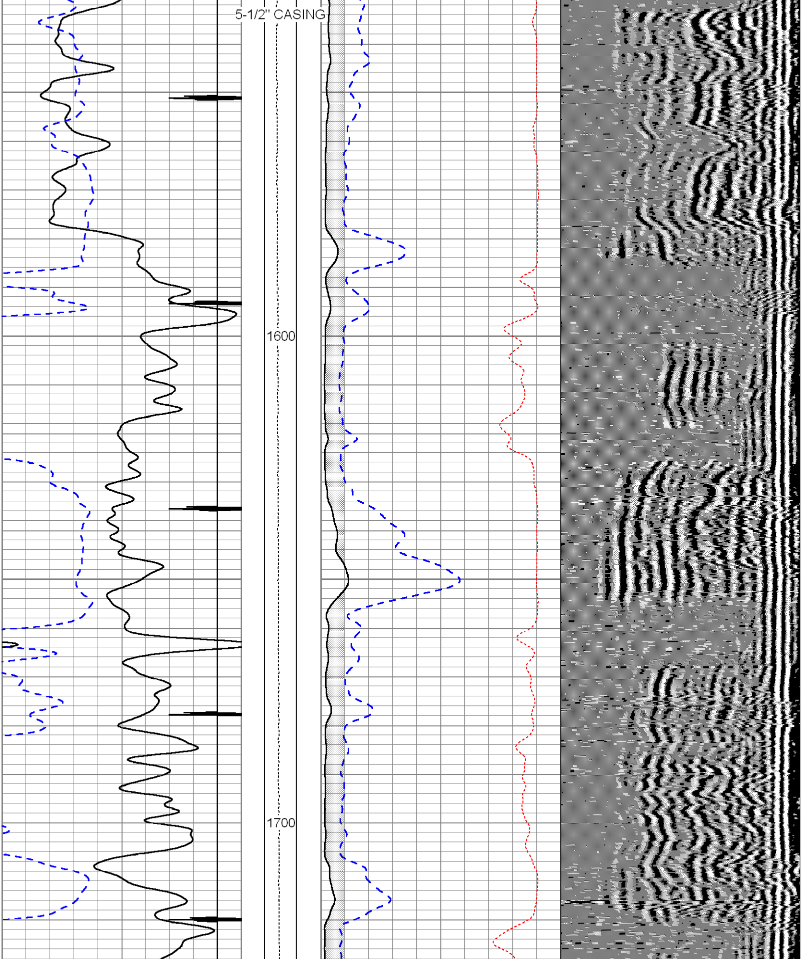
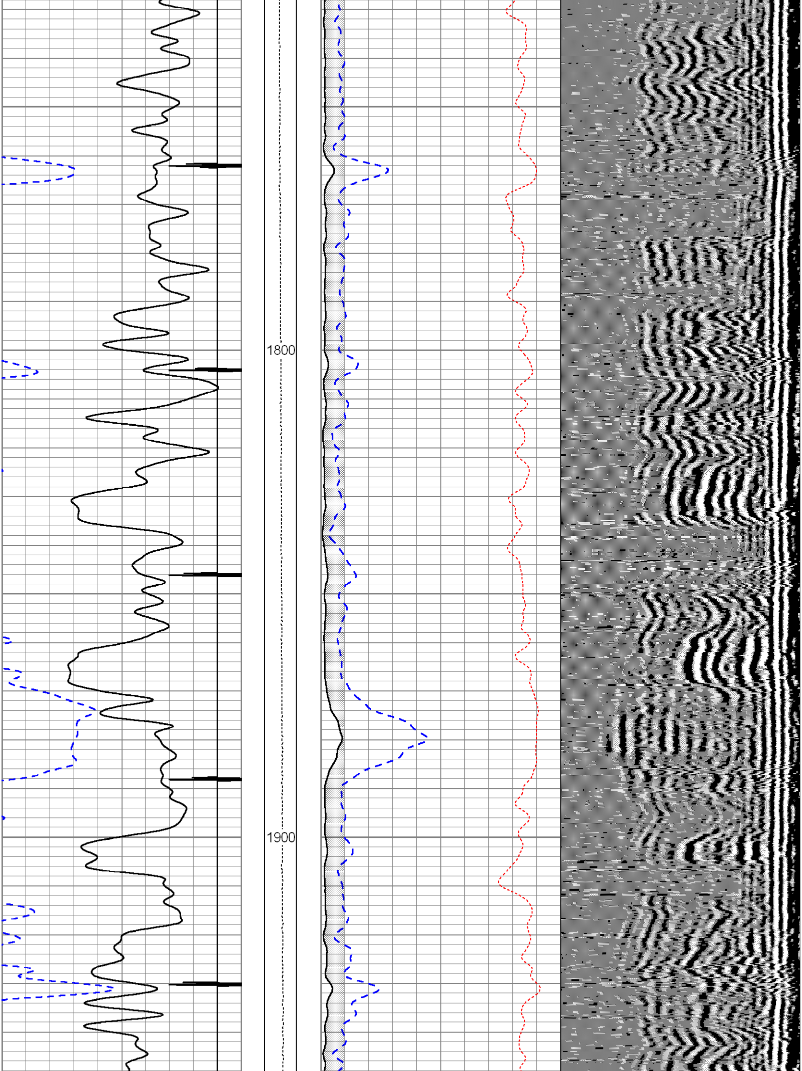
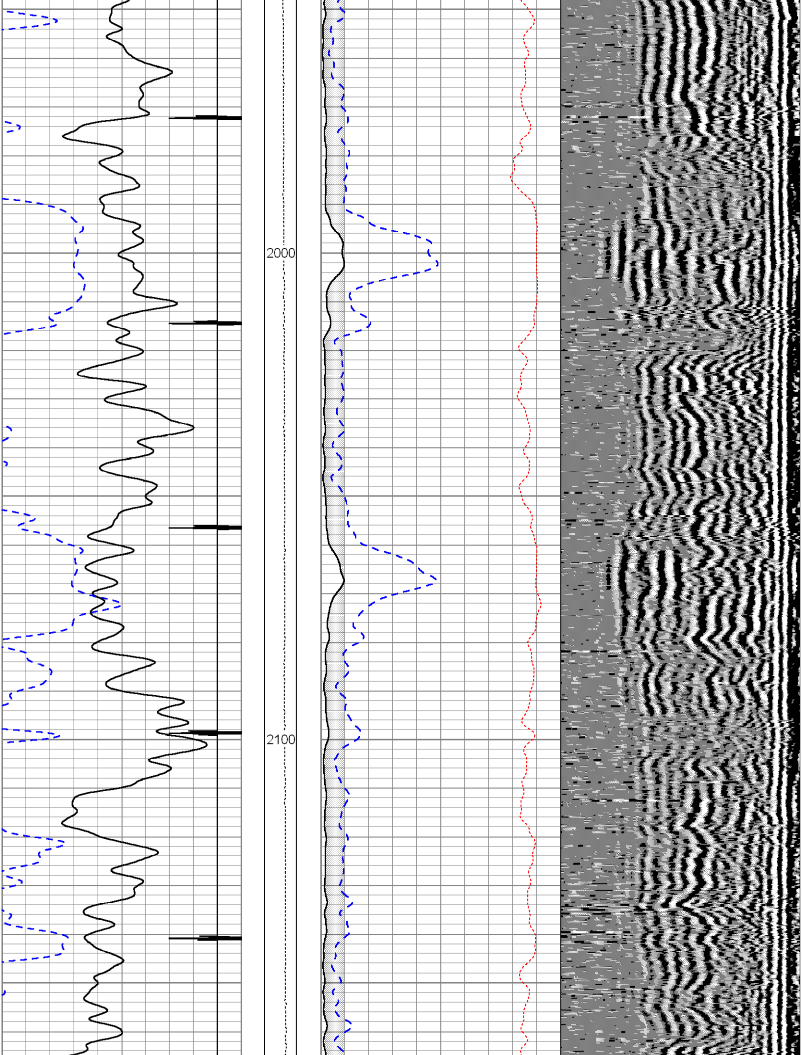
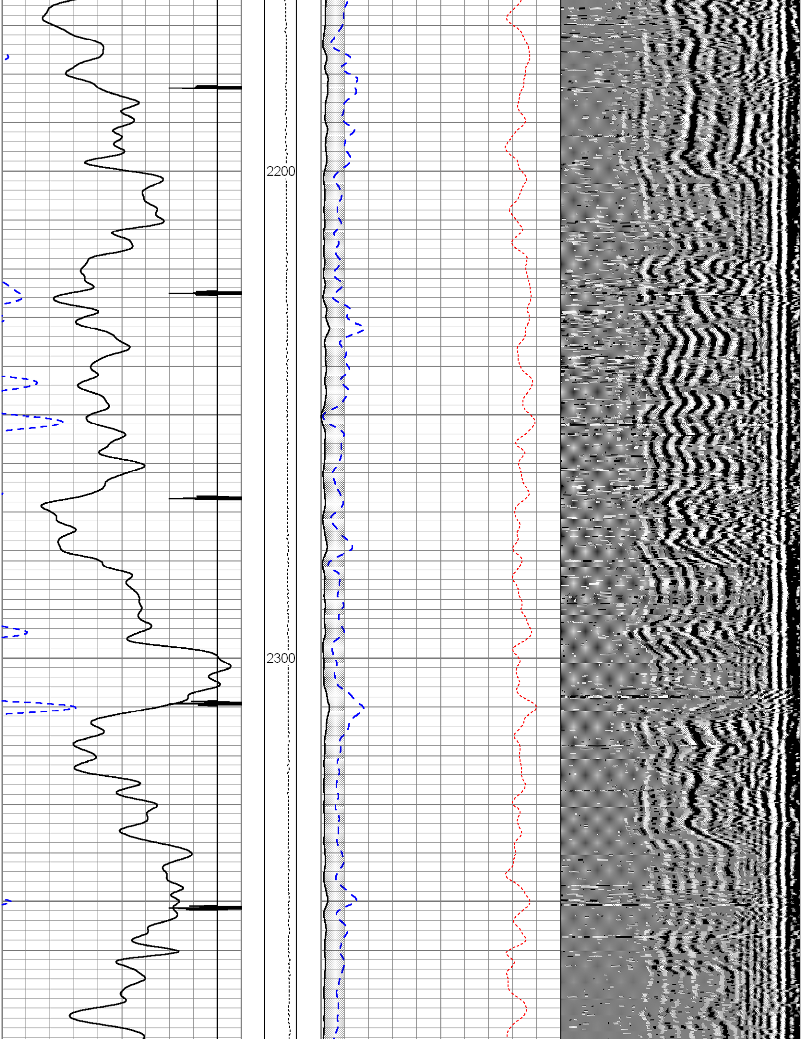
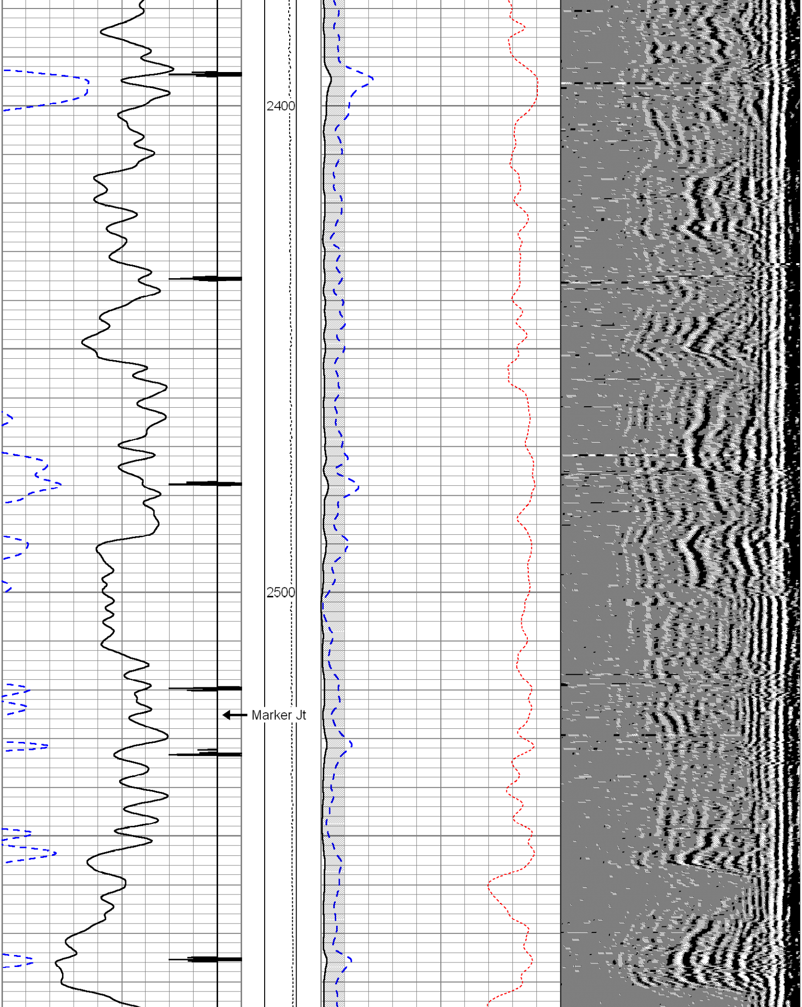
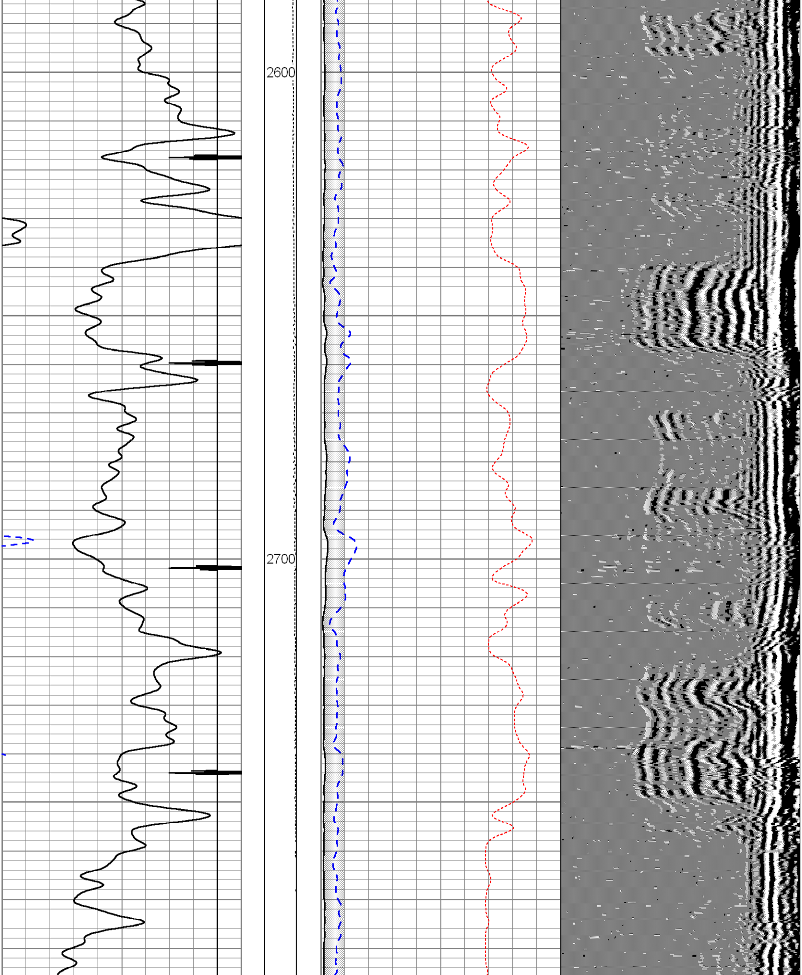
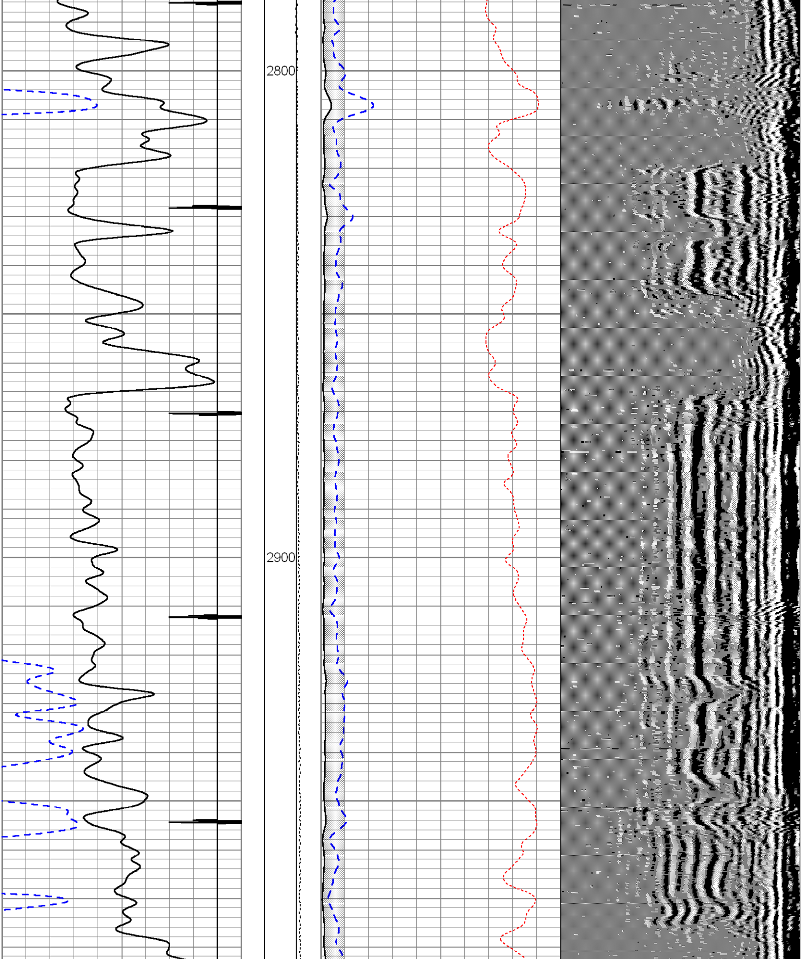
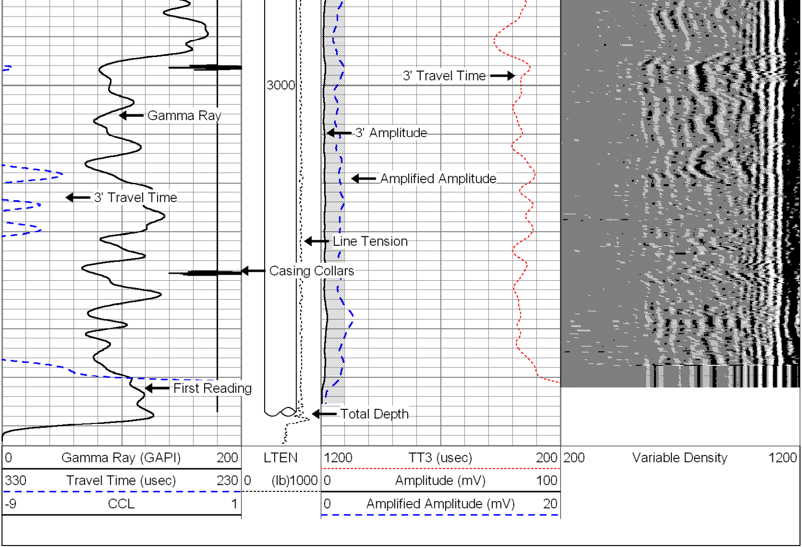
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

All CBL Logs were merged into One log after Squeeze jobs.
Fluild was full of foam from 210'-0

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			PTS275	2.83	2.75	
WVF3	12.21					
WVF5	11.58		CBL-SIE275 (234)	8.33	2.75	60.00
CCL	6.58					
			GR275detector-Probe275Gr (110773) Probe 2.75" Dectector on Bottom	4.50	2.75	30.00
GR	3.73					
			PTS275	2.83	2.75	

Dataset:	ige114.db: ignacio/ige114/run1/pass7
Total Length:	18.50 ft
Total Weight:	90.00 lb
O.D.	2.75 in

Database File:	ige114.db
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Presentation Format:	cbl_dr
Dataset Creation:	Sat Jul 20 07:40:29 2013
Charted by:	Depth in Feet scaled 1:240