Company	XTO Energy Inc.
Well	Apache Canyon 05-08
Field	Purgatorie River
County	Las Animas
State	CO

CEMENT BOND LOG

SUPERIOR
Black Lick, Pa.
Mercer, Pa.
Wooster, Oh.
Cleveland, Ok.
Trinidad, Co.

Company	XTO Energy Inc.
Well	Apache Canyon 05-08
Field	Purgatorie River
County	Las Animas State CO

Location: API # : 05 071 09133 00
2144' FNL & 944' FEL
SEC 05 TWP 34S RGE 67W

Other Services
Pressure control

Permanent Datum	Ground Level	Elevation 7716'
Log Measured From	Ground Level	
Drilling Measured From	Ground Level	

Elevation
K.B. ------
D.F. ------
G.L. 7716'

Date	6-15-07	
Run Number	One	
Depth Driller	2330'	
Depth Logger	2236'	
Bottom Logged Interval	2234'	
Top Log Interval	Surface	
Open Hole Size	7 7/8	
Type Fluid	Water	
Density / Viscosity	//	
Max. Recorded Temp.	111F	
Estimated Cement Top	28'	
Time Well Ready	ROA	
Time Logger on Bottom	3:15PM	
Equipment Number	T0698	
Location	Trinidad	
Recorded By	J. Sisneros	
Witnessed By	Mr. Terry Maxwell	

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	8 5/8"			495'
Prot. String				
Production String	5.5"			
Liner				

<<< Fold Here >>>

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

Lower Bosque Entrance, first right to Cherry Canyon, stay left at Y, stay on main road for 4.5 miles turn right follow road to location.

SUPERIOR

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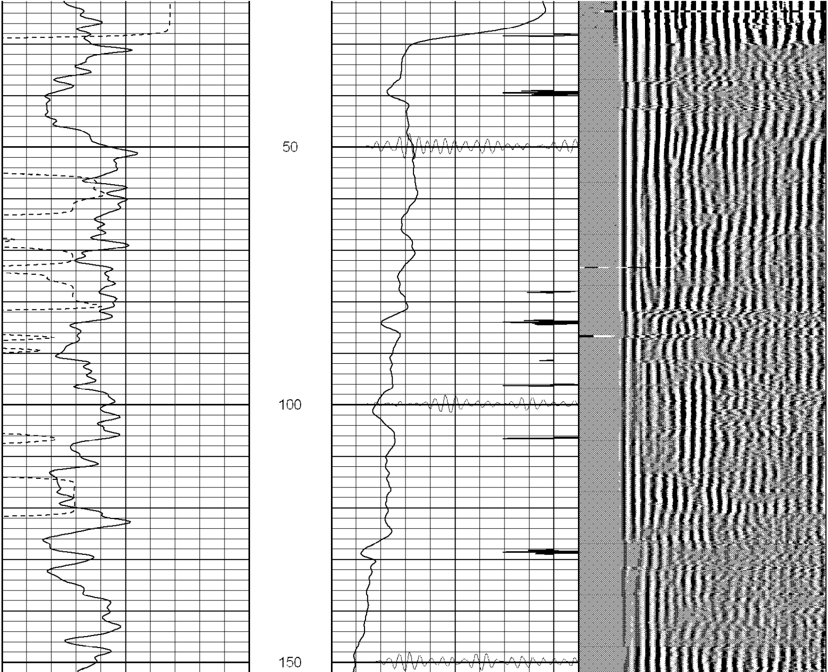
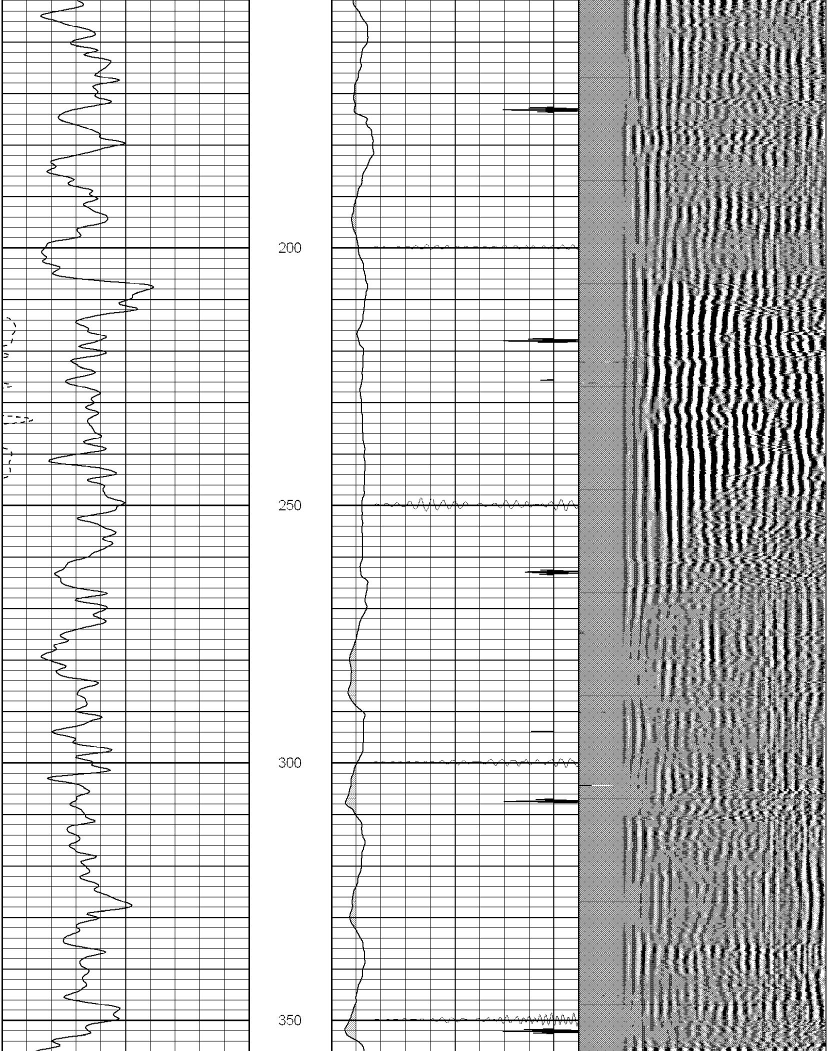
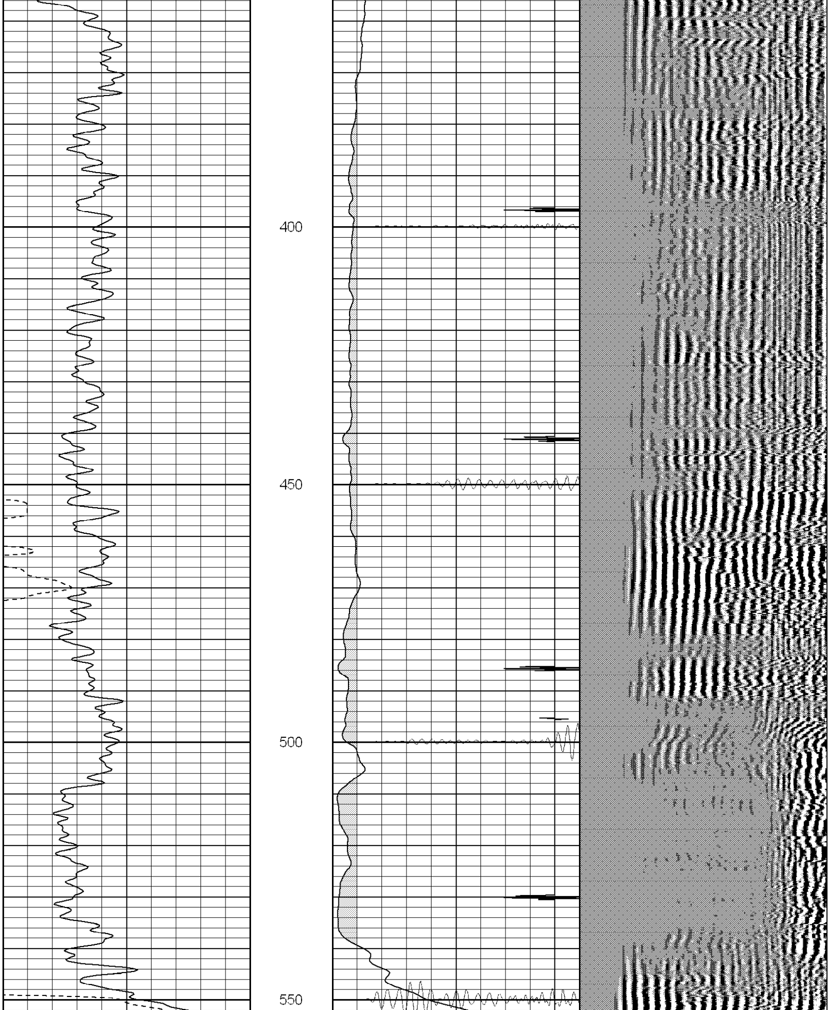
Main Pass 1000 PSI

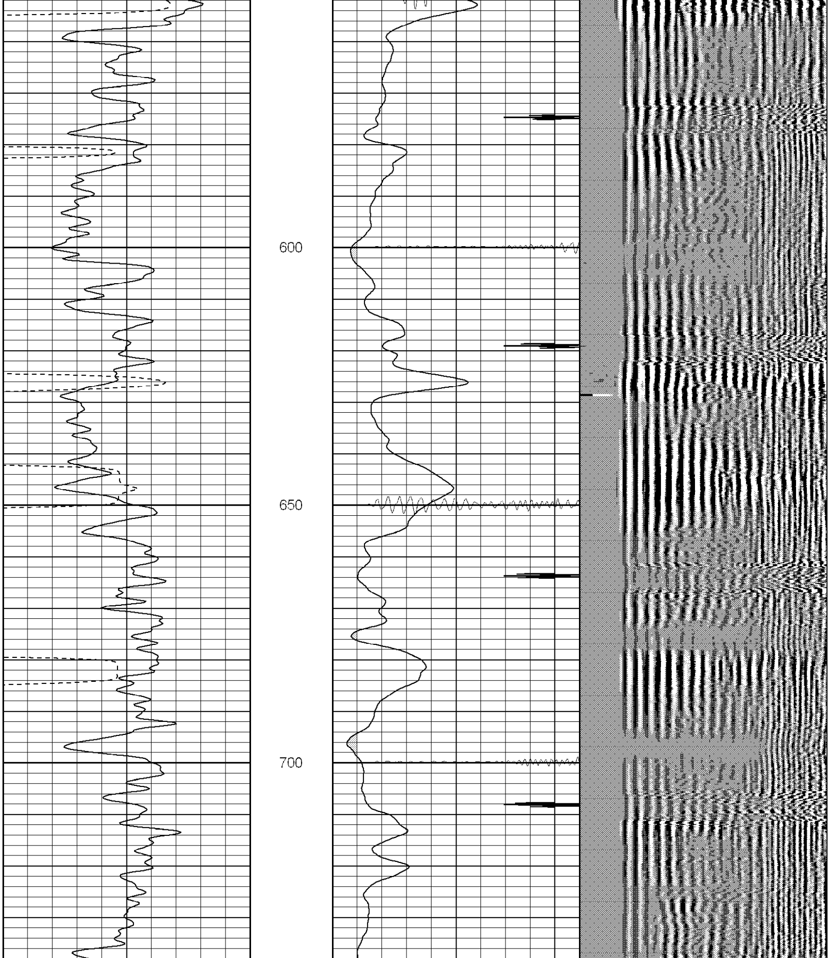
Database File:	ac050861507b.db
Dataset Pathname:	pass3.1
Presentation Format:	cblrt
Dataset Creation:	Fri Jun 15 15:14:06 2007 by Calc Open-Cased 061129
Charted by:	Depth in Feet scaled 1:240

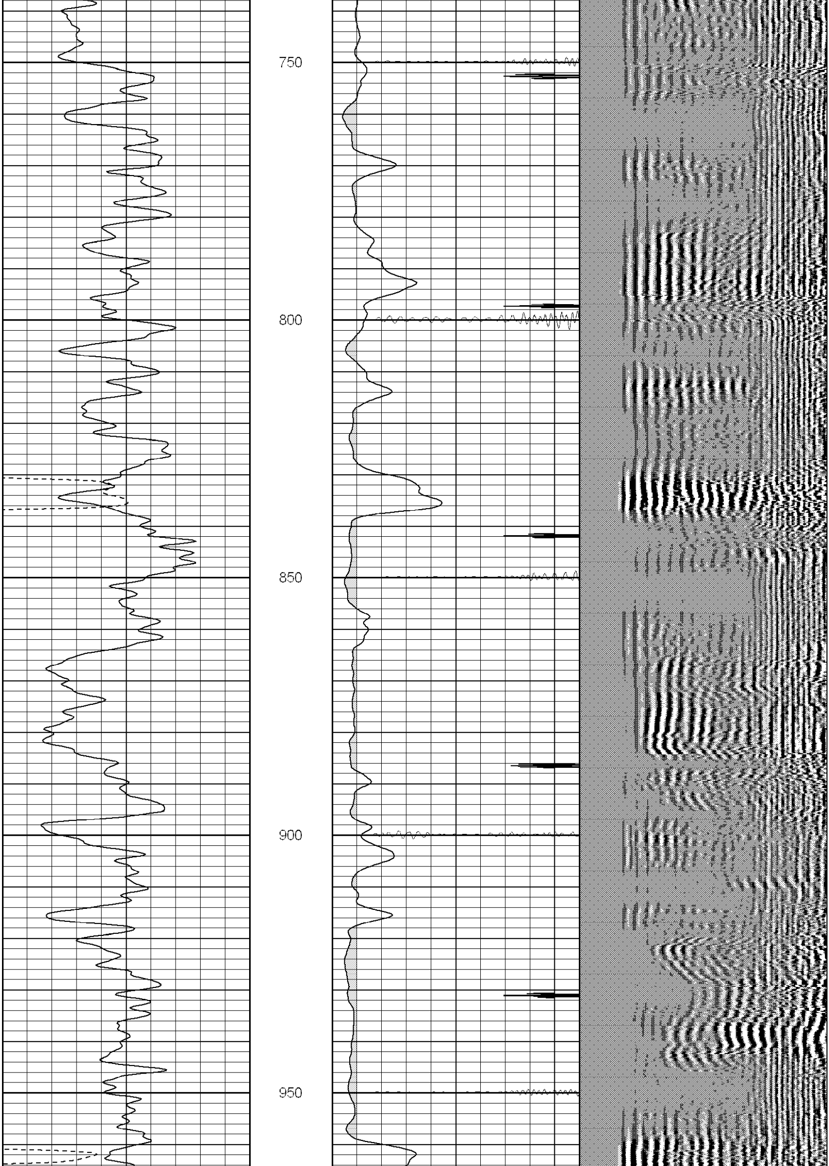
0	GR (GAPI)	200	0	AMP3 (mV)	100	200	Variable Density	1200
400	TT3 (usec)	200	18	CCL	-2			
			200	CBL5	1200			

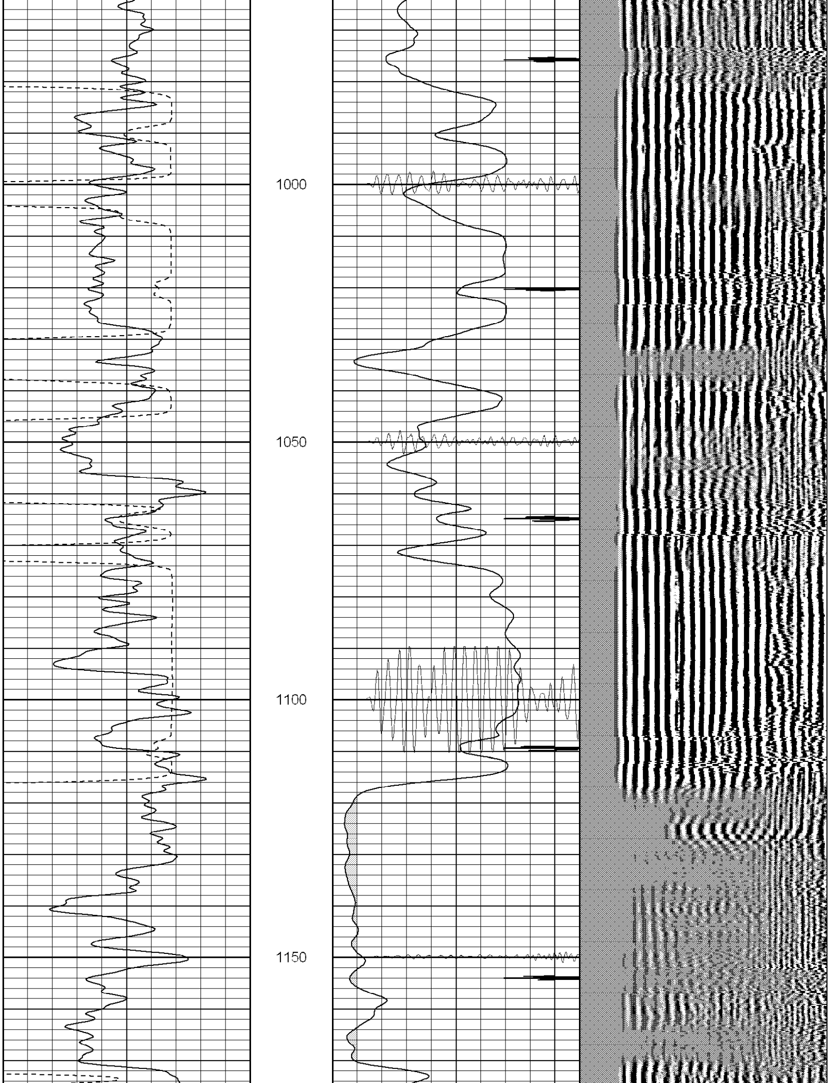


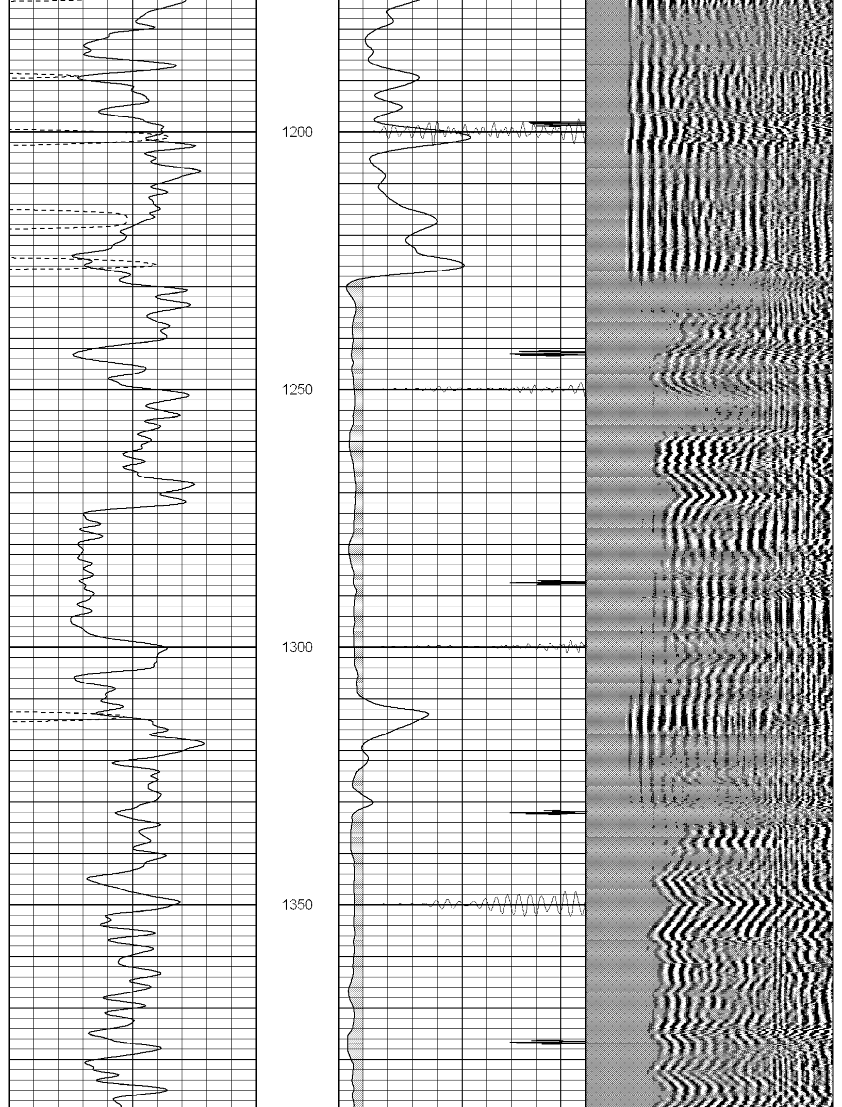


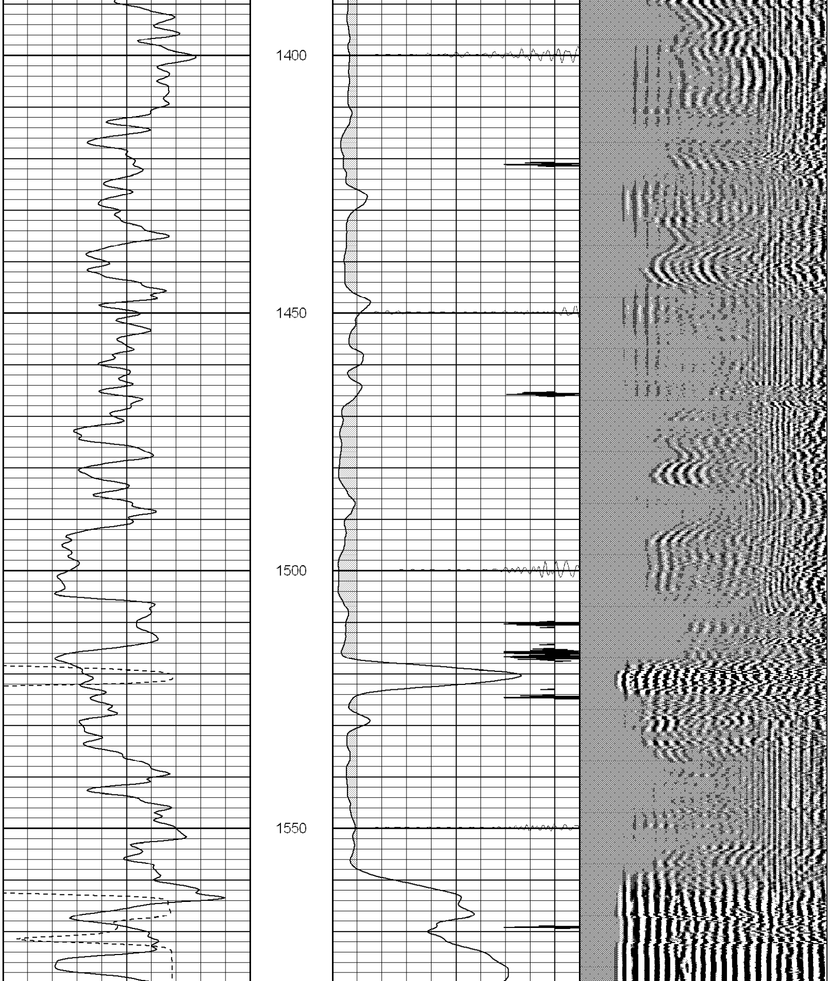


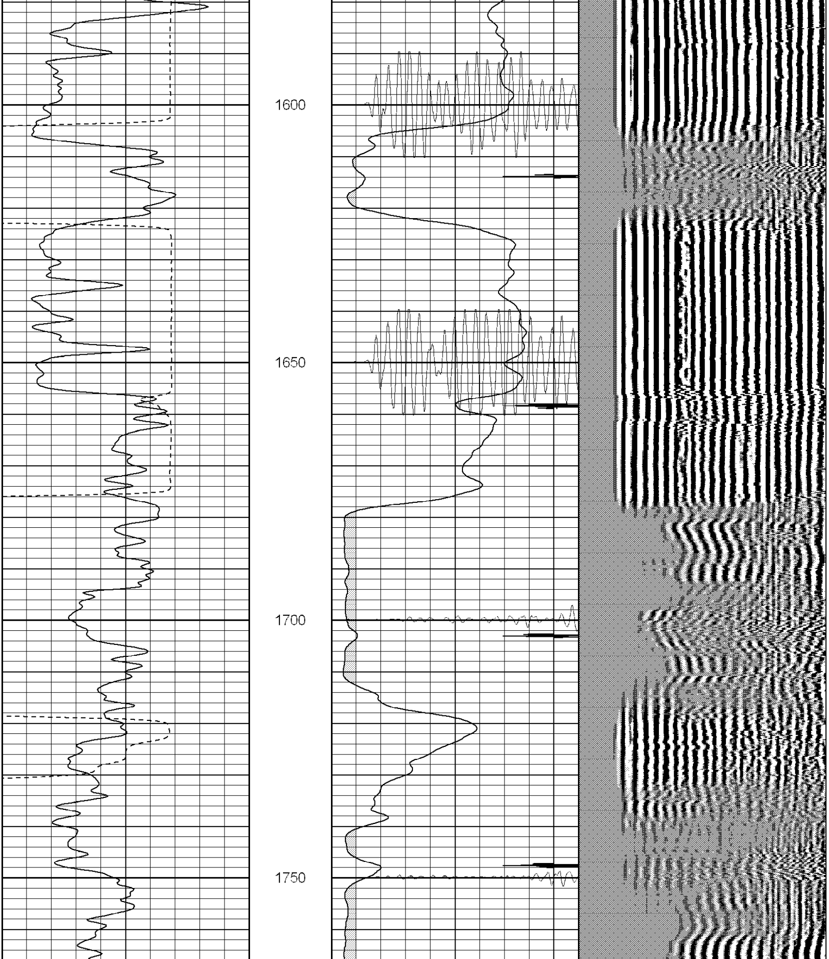


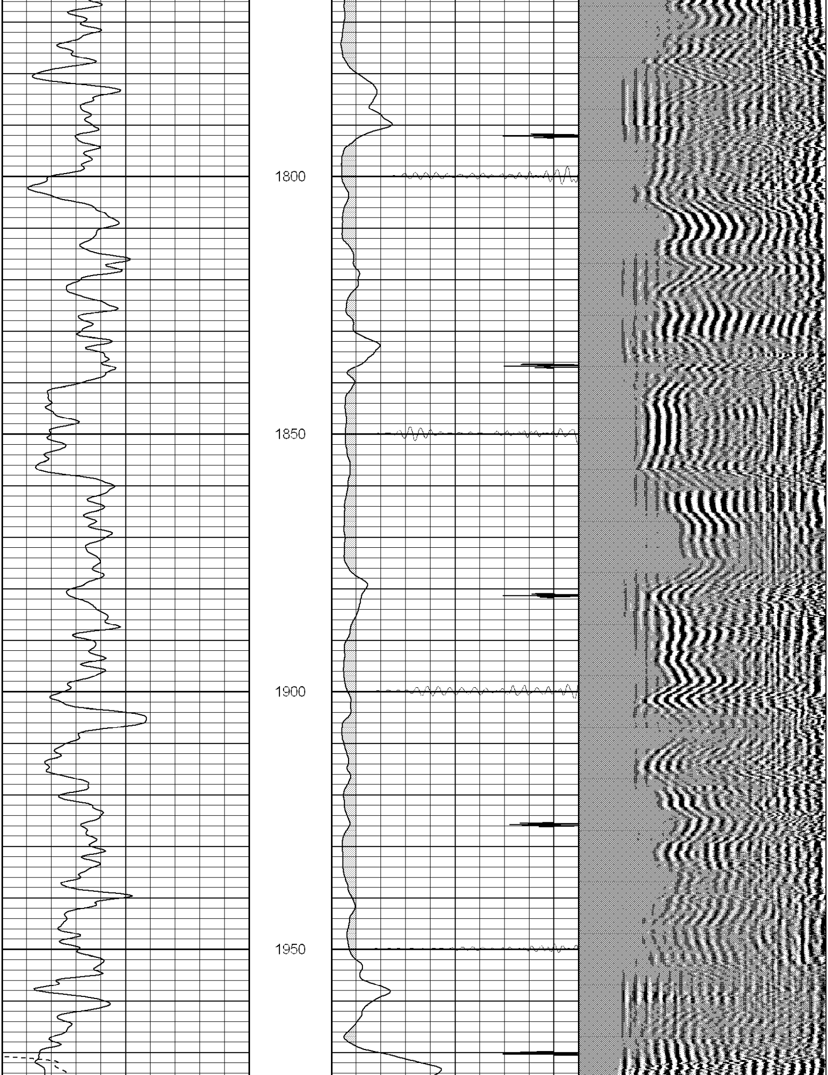


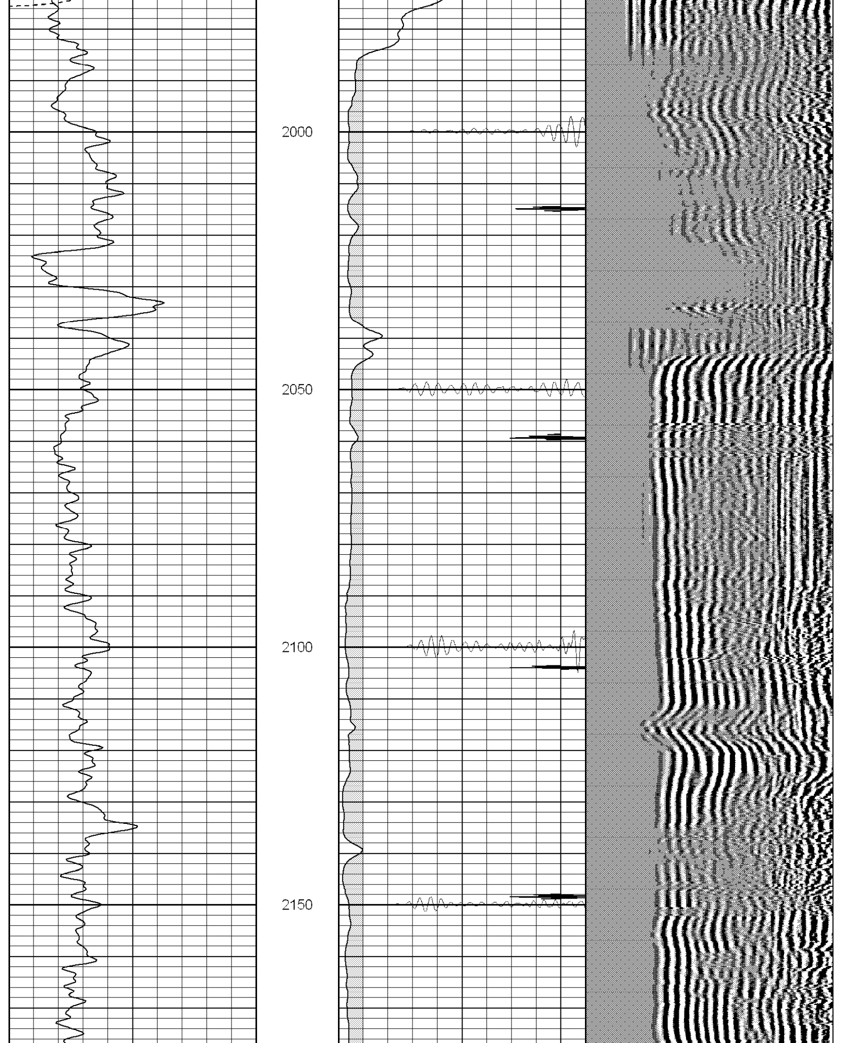


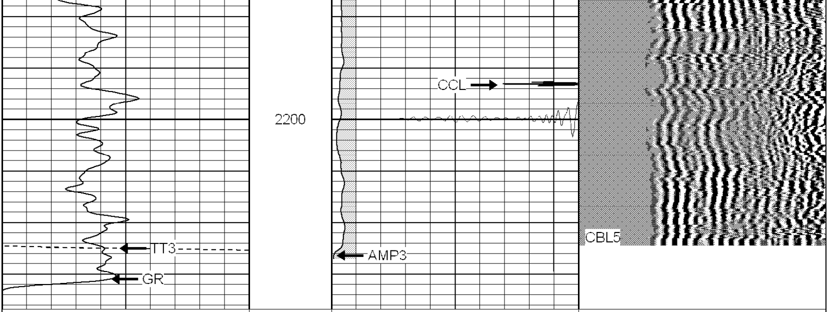












0	GR (GAPI)	200	0	AMP3 (mV)	100	200	Variable Density	1200
400	TT3 (usec)	200	18	CCL	-2			
			200	CBL5	1200			

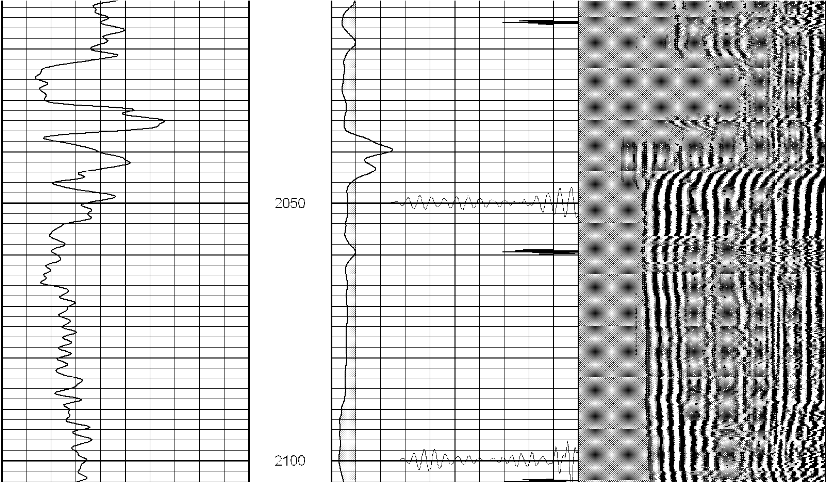
SUPERIOR WELL SERVICES

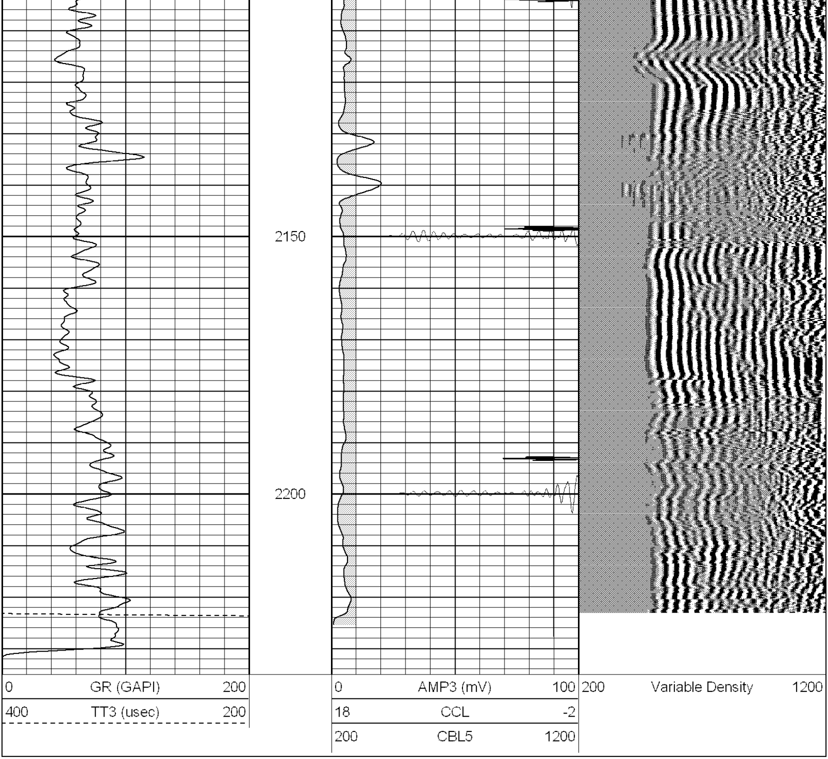
SUPERIOR
Black Lick, Pa.
Mercer, Pa.
Wooster, Oh.
Cleveland, Ok.
Trinidad, Co.

Repeat Section

Database File: ac050861507b.db
Dataset Pathname: pass2.3
Presentation Format: cblrt
Dataset Creation: Fri Jun 15 14:12:41 2007 by Calc Open-Cased 061129
Charted by: Depth in Feet scaled 1:240

0	GR (GAPI)	200	0	AMP3 (mV)	100	200	Variable Density	1200
400	TT3 (usec)	200	18	CCL	-2			
			200	CBL5	1200			





Calibration Report

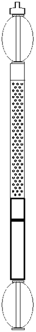
Database File:	ac050861507b.db
Dataset Pathname:	pass3
Dataset Creation:	Fri Jun 15 14:15:51 2007 by Log Open-Cased 061129

Gamma Ray Calibration Report

Serial Number:	Titan1	
Tool Model:	T1	
Performed:	Fri Jun 15 14:08:00 2007	
Calibrator Value:	200.0	GAPI
Background Reading:	54.0	cps
Calibrator Reading:	219.0	cps
Sensitivity:	1.4000	GAPI/cps

Cement Bond Log Calibration Report

Serial Number:	Titan4		
Tool Model:	T4		
Performed:	Thu Jun 07 09:33:17 2007		
Depth:	74.8132	ft	
Casing Diameter:	5.5	in	
	3' Spacing	5' Spacing	
Signal Zero:	0	0	mV
Calibrated Amplitude:	85	71.921	mV
Reading at Signal Zero:	0.0239014	0.020166	V
Reading in Free Pipe:	1.35	1.63755	V
Gain:	64.0978	44.4675	
Offset:	1	-0.896733	

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			CHD-None (0)	0.75	1.50	5.00
			CENT-X (2)	3.00	1.69	25.00
WVF5 WVF3	12.30 11.30		CBL-T4 (Titan4)	8.15	2.25	110.00
CCL	7.10		CCL-T1 (Titan1)	1.33	3.13	15.00
GR	4.30		GR-T1 (Titan1)	3.63	3.13	25.00
			CENT-X (1)	3.00	1.69	25.00

Dataset: ac050861507b.db: field/well/run1/pass3
Total Length: 19.86 ft
Total Weight: 205.00 lb
O.D. 3.13 in