Sector Cement Bond
Gamma Ray
CCL
Log

Company	Alta Mesa
Well	ML Investments 1-11
Field	Willow
County	Payette
State	Idaho

Company Alta Mesa

Well ML Investments 1-11

Field Willow

County Payette State Idaho

Location: API # : 11-075-20025
SWNE
SHL: 2740' FNL & 160' FWL
Lat./Long: 44.045934/-116.82488
SEC 11 TWP T8N RGE 4W

Other Services
6" GAUGE
RING
Perforate

Permanent Datum	Ground Level	Elevation	2389'
Log Measured From	K.B. 14 Above Ground Level		
Drilling Measured From	K.B. 14' Above Ground Level		

Elevation
K.B. 2403'
D.F. 2402'
G.L. 2389'

Date	22-Sept-2014		
Run Number	One		
Depth Driller	5500'		
Depth Logger	4526'		
Bottom Logged Interval	4526'		
Top Log Interval	Surface		
Open Hole Size	8.75"		
Type Fluid	Water		
Density / Viscosity	N/A		
Max. Recorded Temp.	234 Deg F		
Estimated Cement Top	SEE LOG		
Time Well Ready	On Arrival		
Time Logger on Bottom	See Log		
Equipment Number	4403/7399		
Location	Rock Springs		
Recorded By	A.J. Pavey		
Witnessed By	Jeff Janik		

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"	26#	Surface	5500'
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

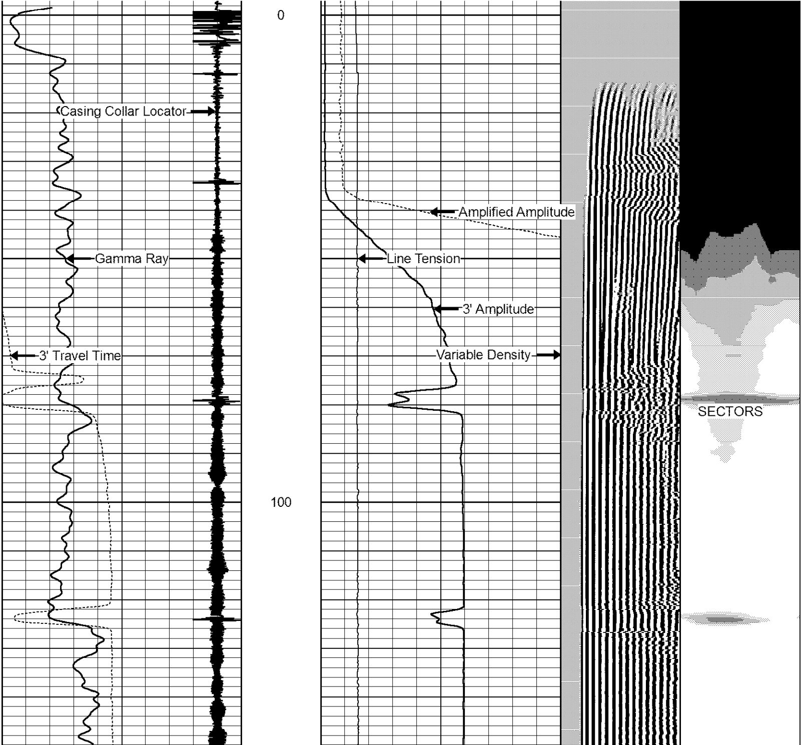
Log Correlated To: Schlumberger
Platform Express - Quad Combo
Density - Neutron Porosity - Sonic
Propagation Resistivity
Log

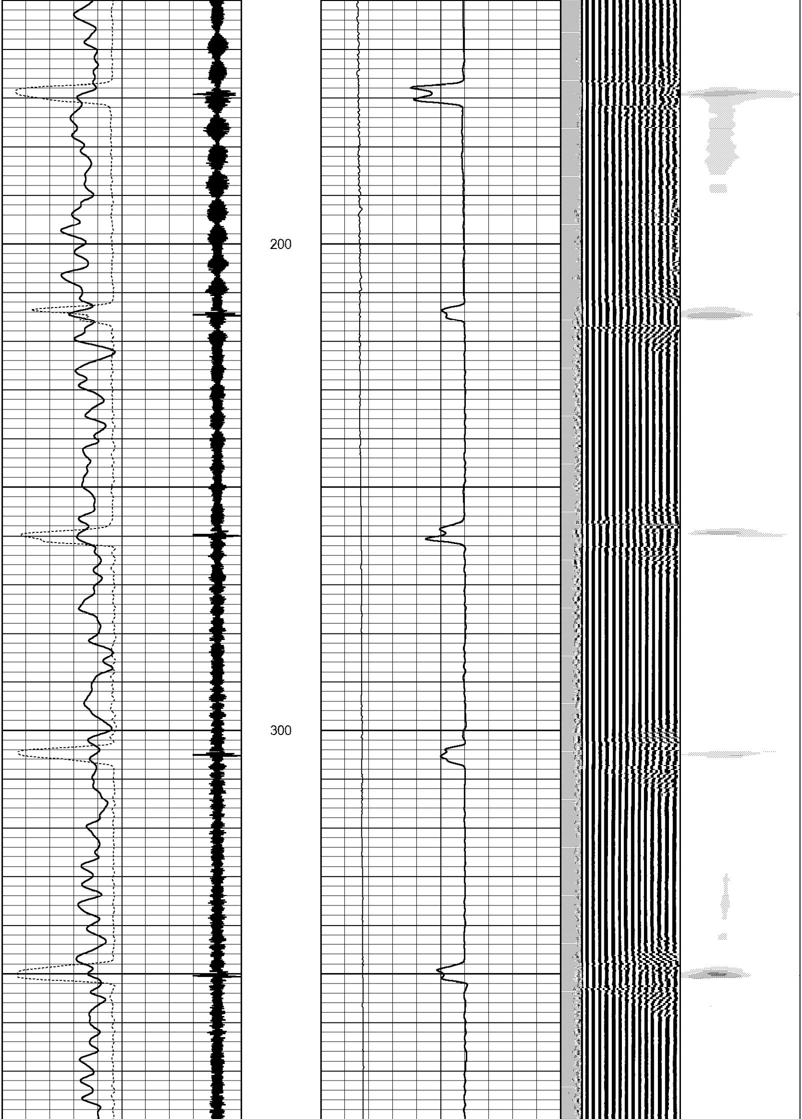
Dated: 05-Sept-2014

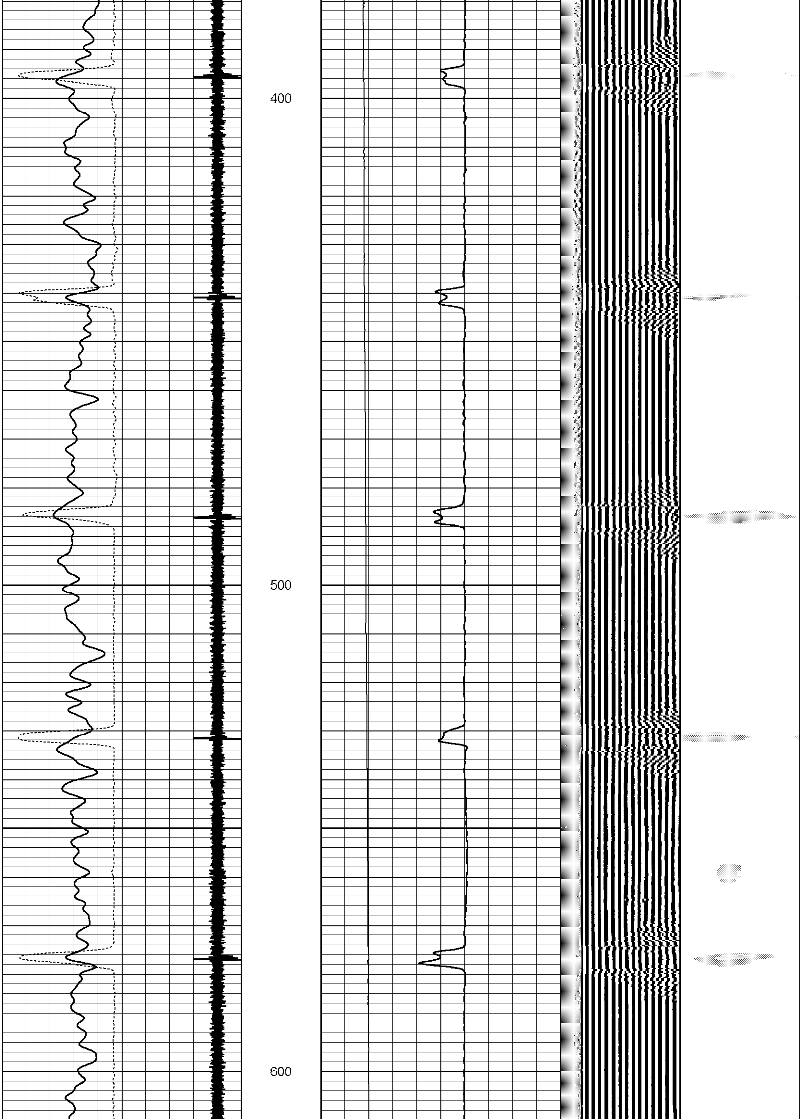
Main Pass 0# PSI

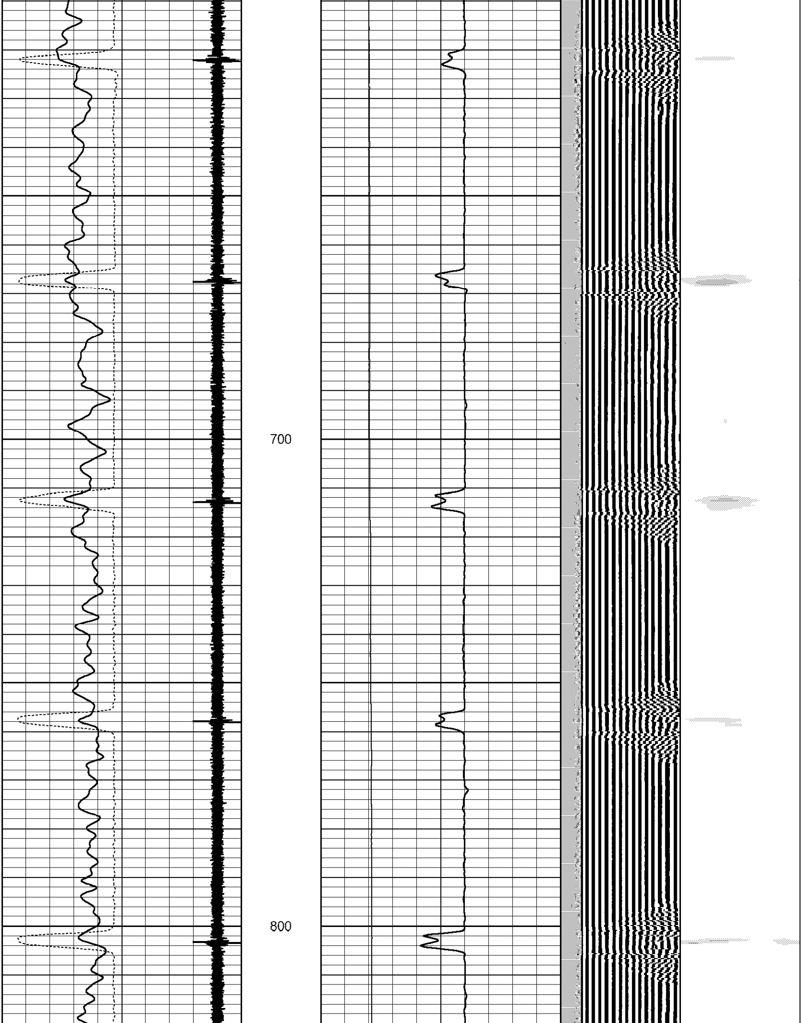
Database File:	c:\users\wesc\desktop\ml investments 1-11\ml investments 1-11.db
Dataset Pathname:	pass4
Presentation Format:	scblvdl1
Dataset Creation:	Mon Sep 22 09:09:18 2014 by Log SCH 120126
Charted by:	Depth in Feet scaled 1:240

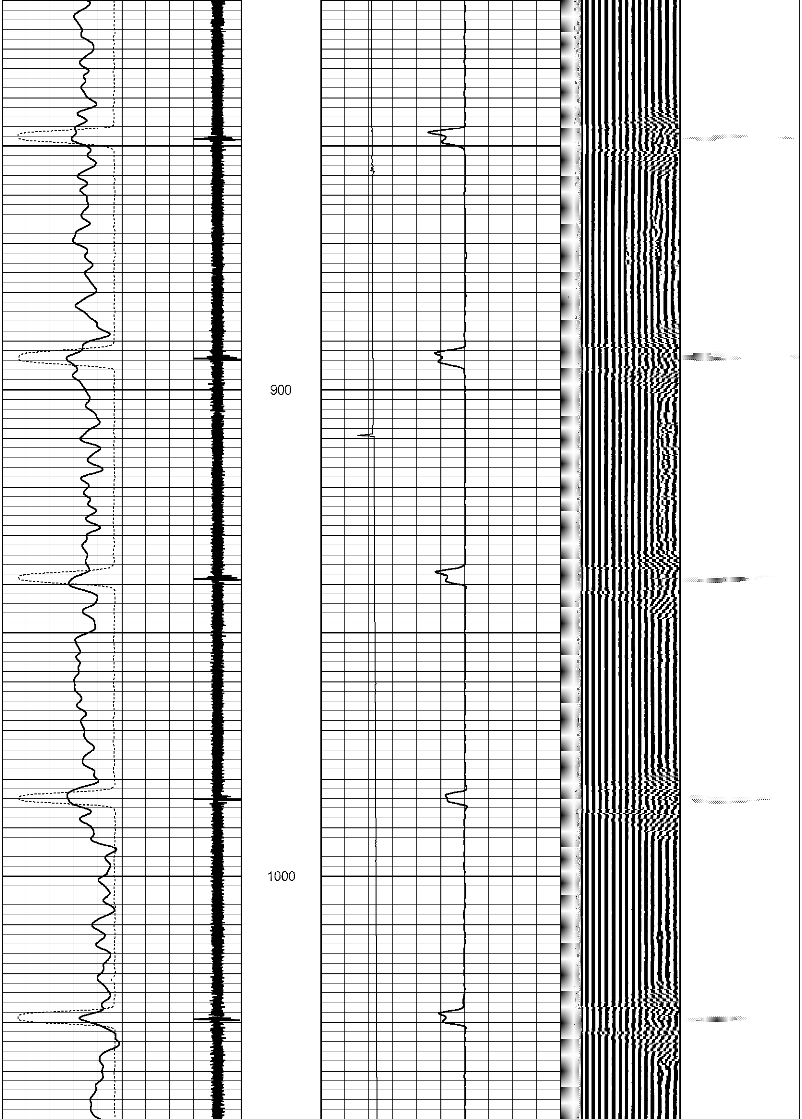
300	3' Travel Time (usec)	200	0	3' Amplitude (mV)	100	200	VDL	1200	1	SECTORS	8
9	Collar Locator	-1	0	Amplified Amplitude (mV)	20						
0	Gamma Ray (GAPI)	150	0	LTEN (lb)	1500						

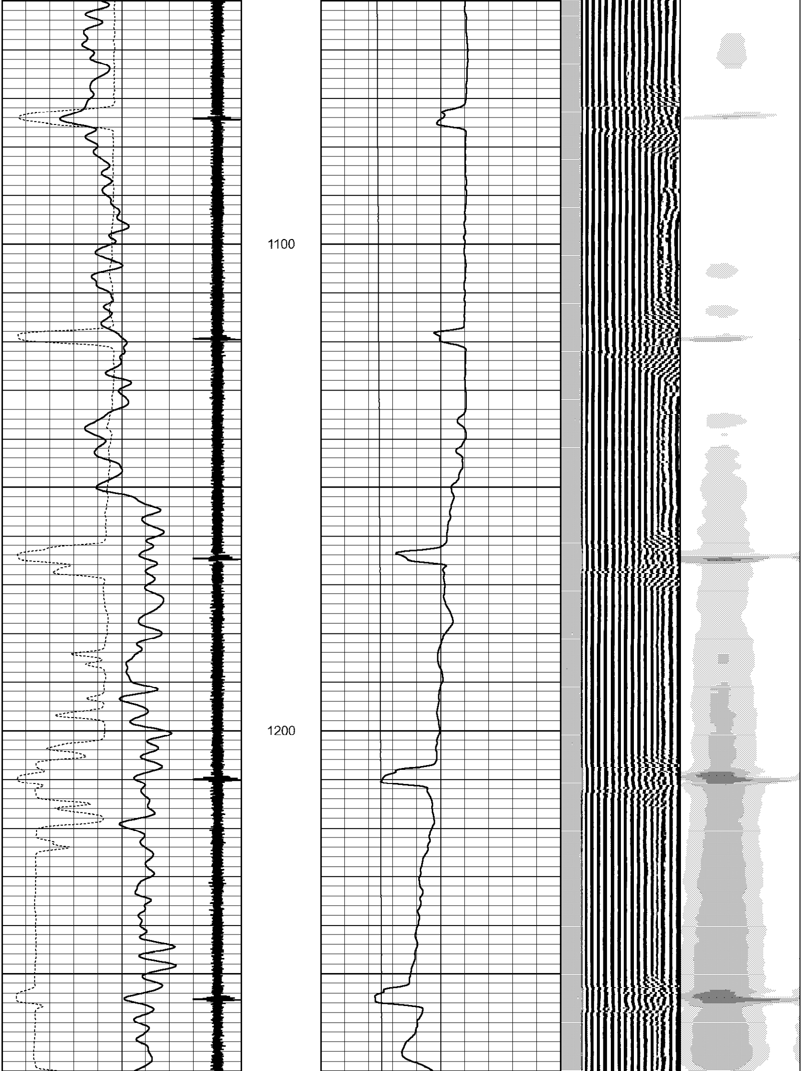


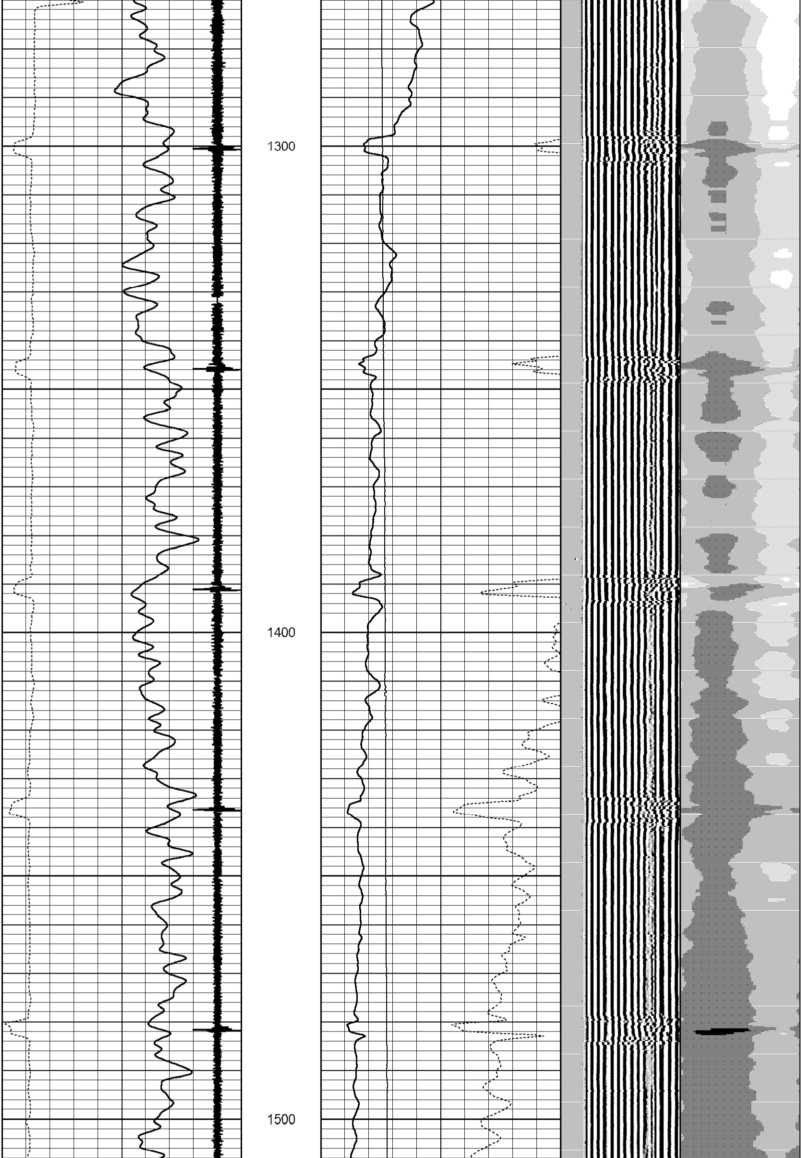


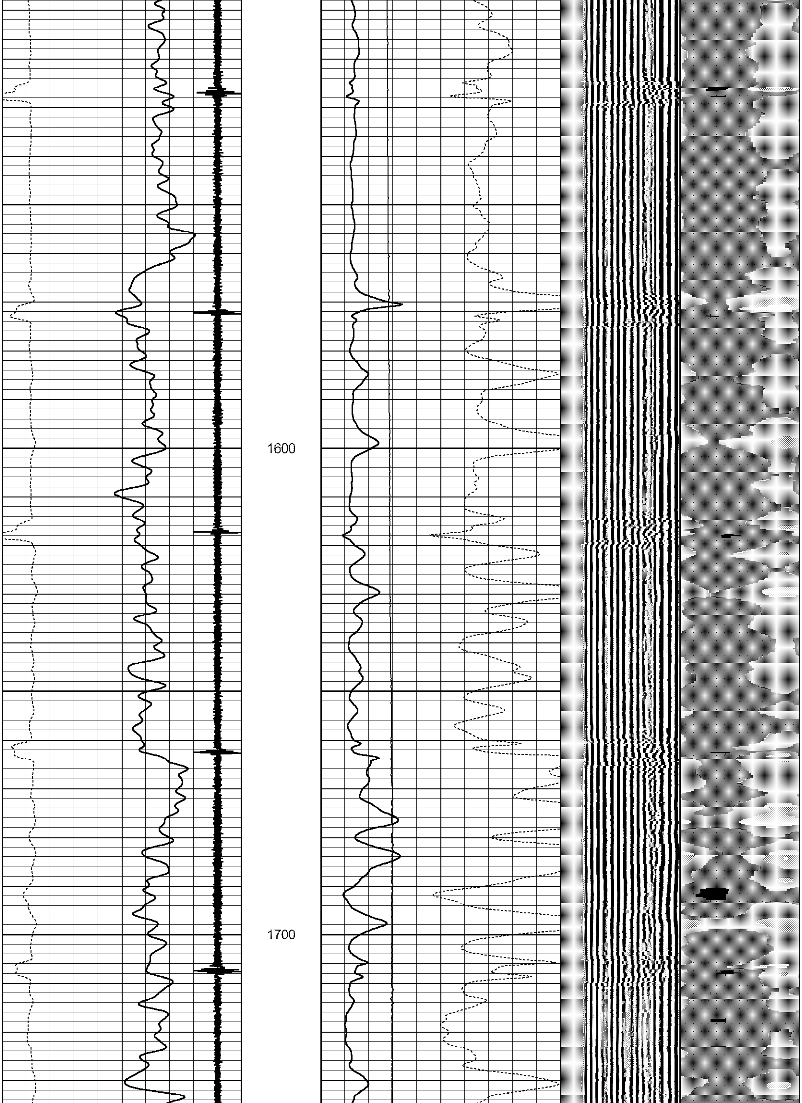


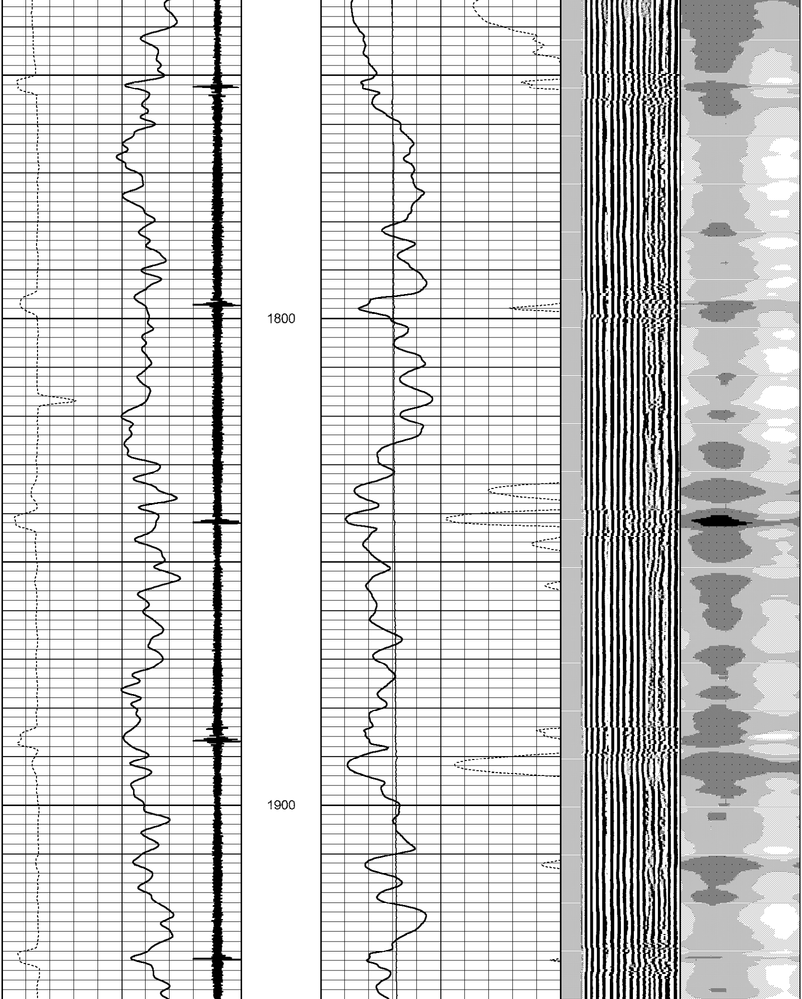


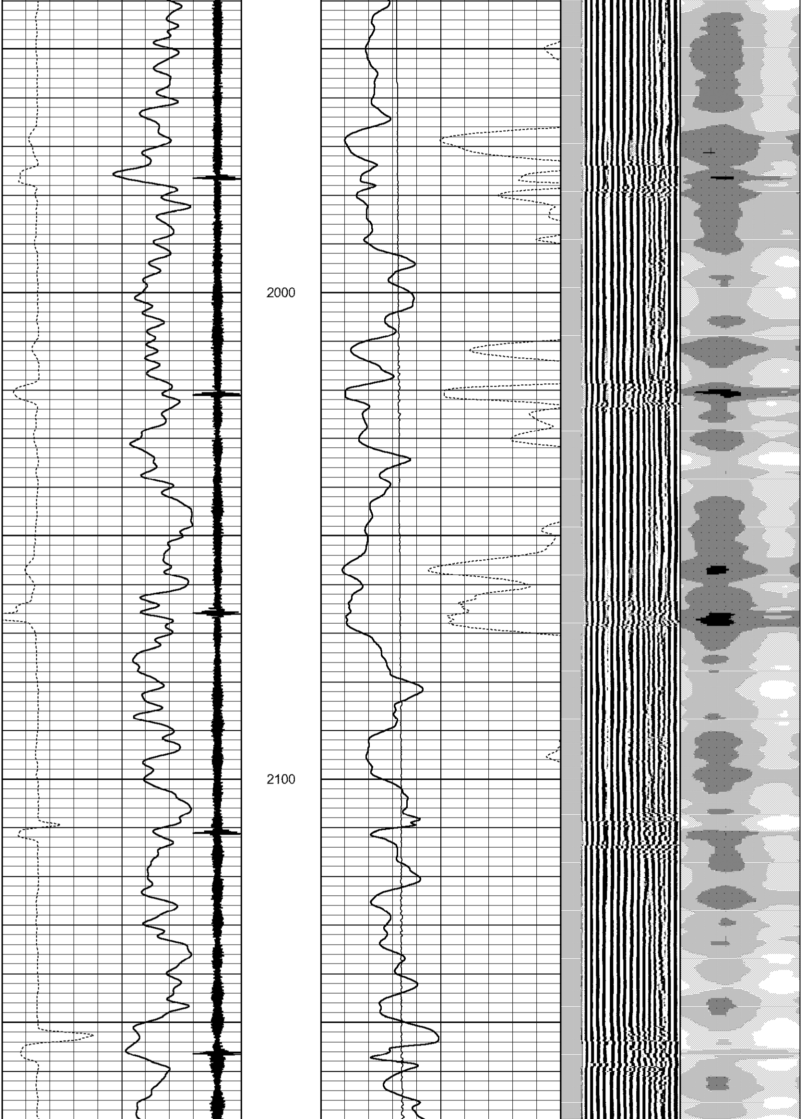


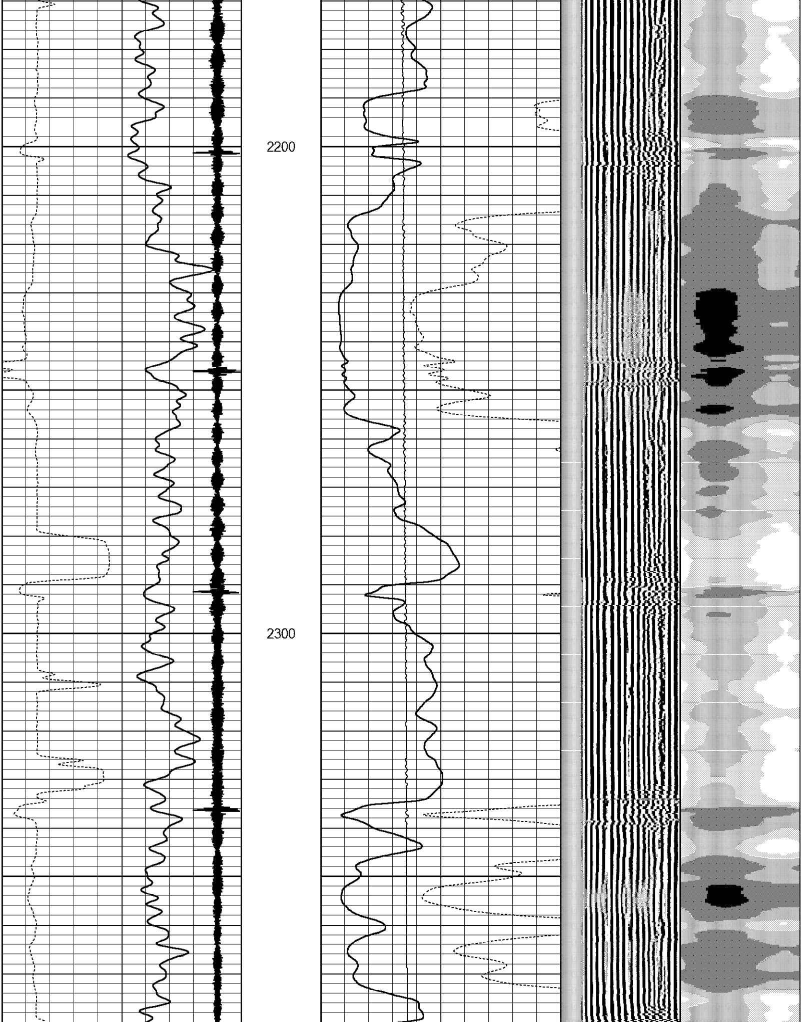


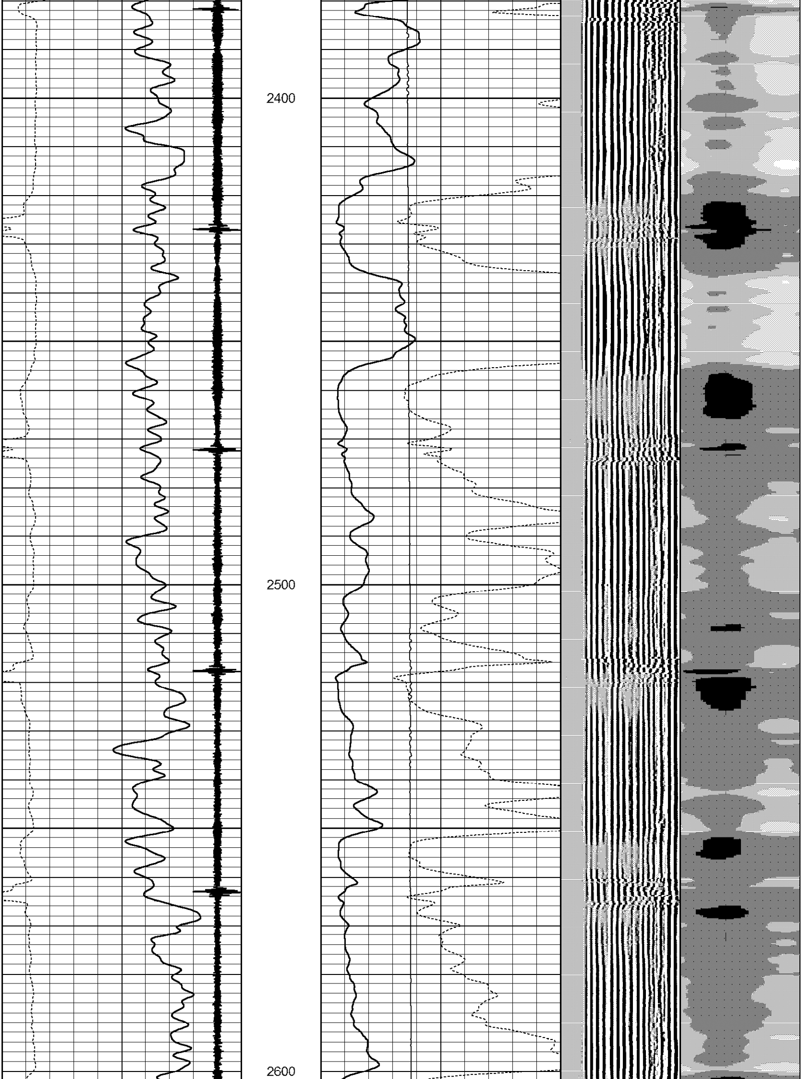


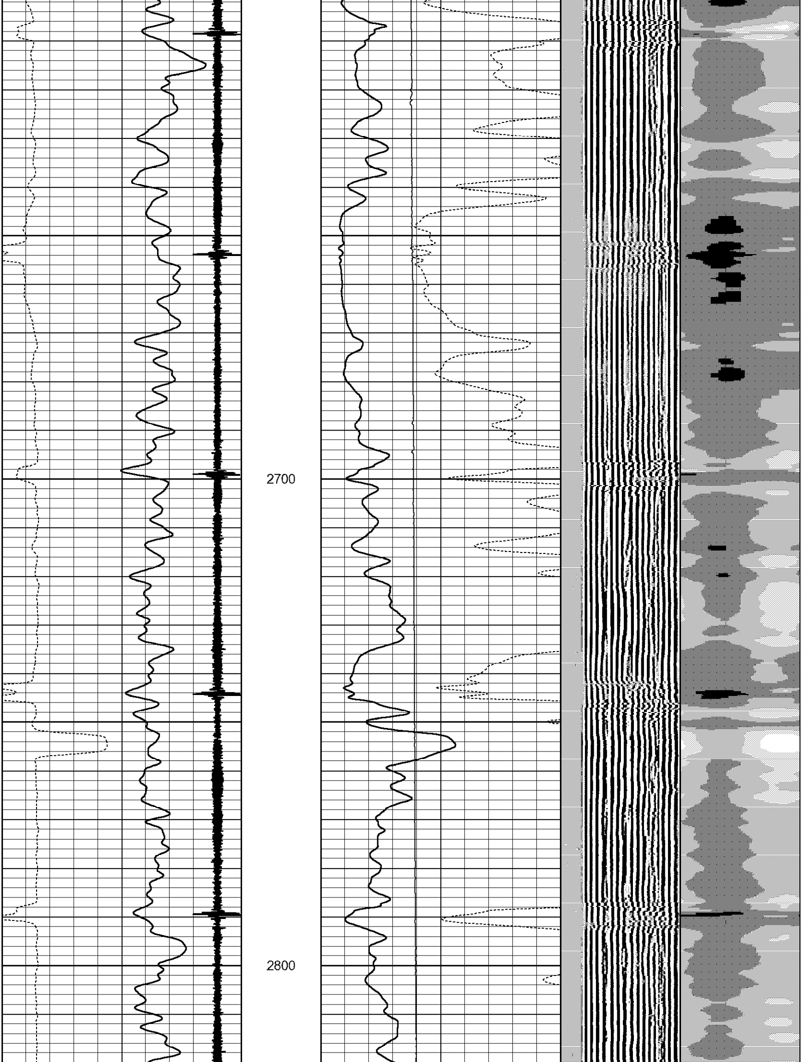


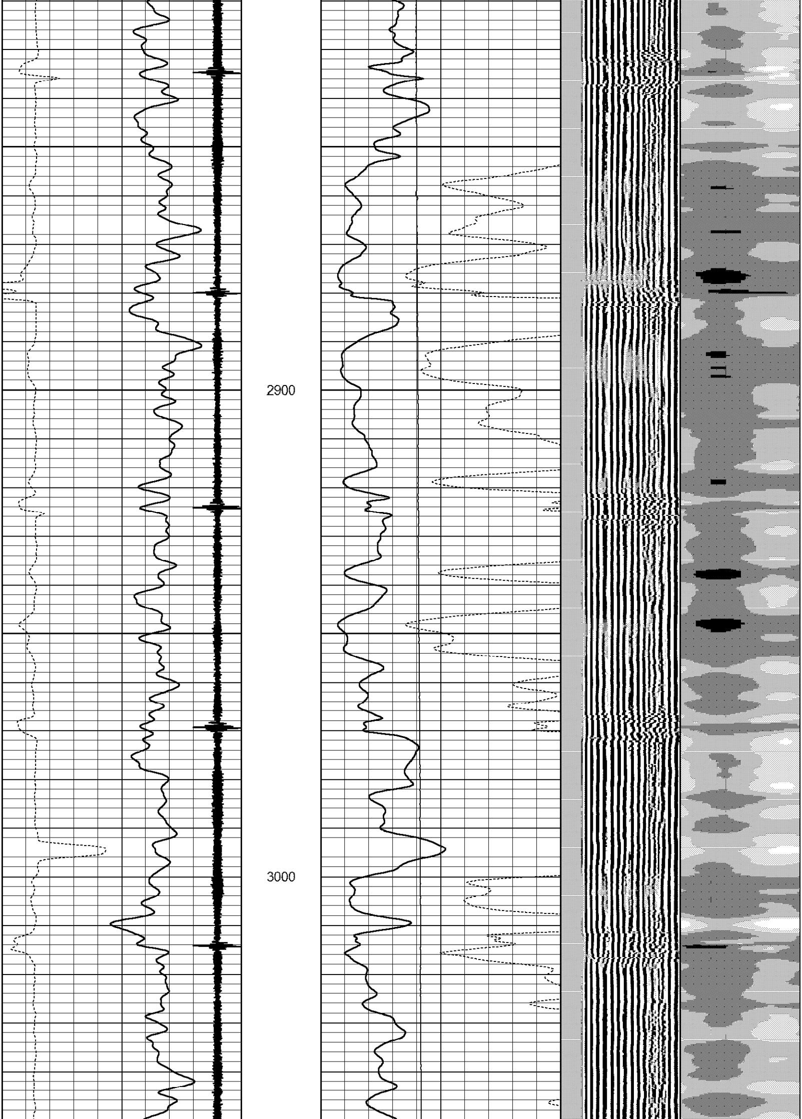


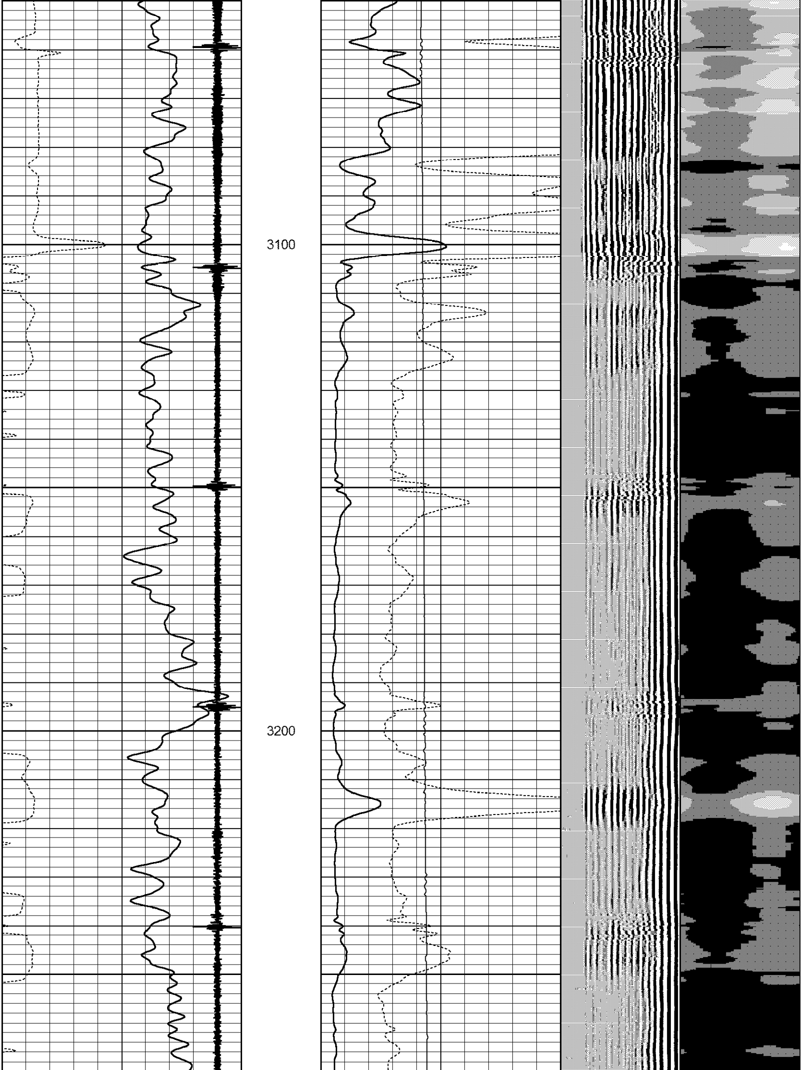


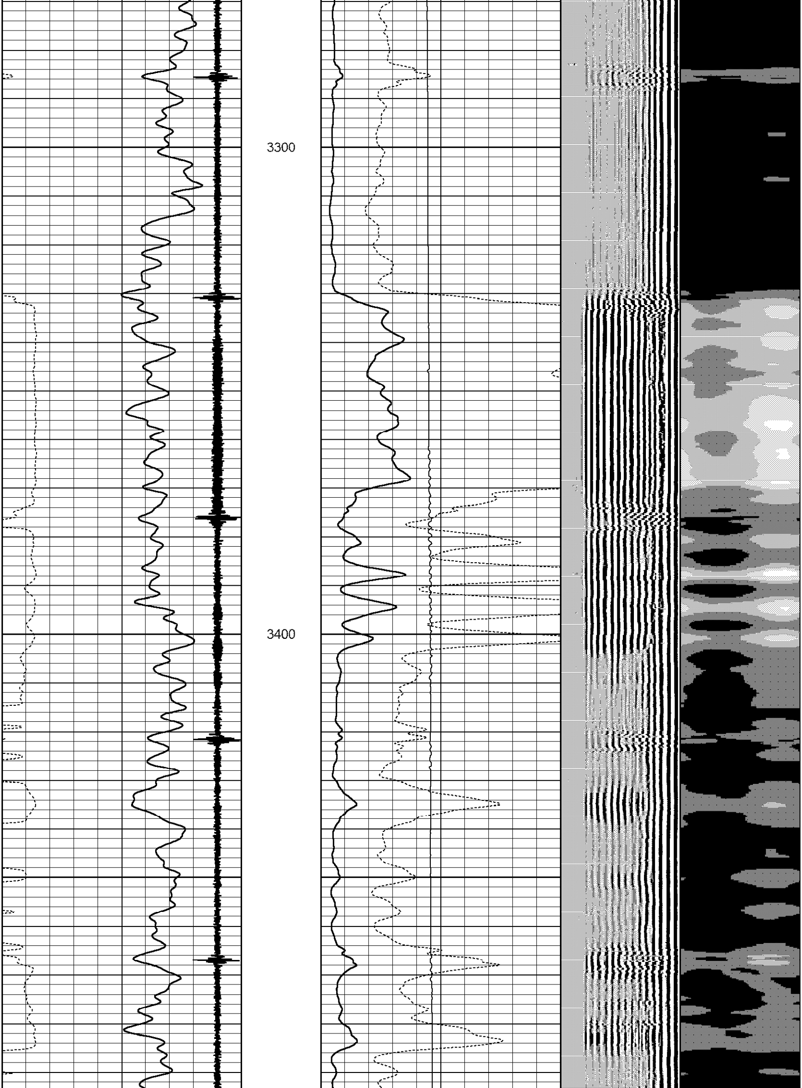


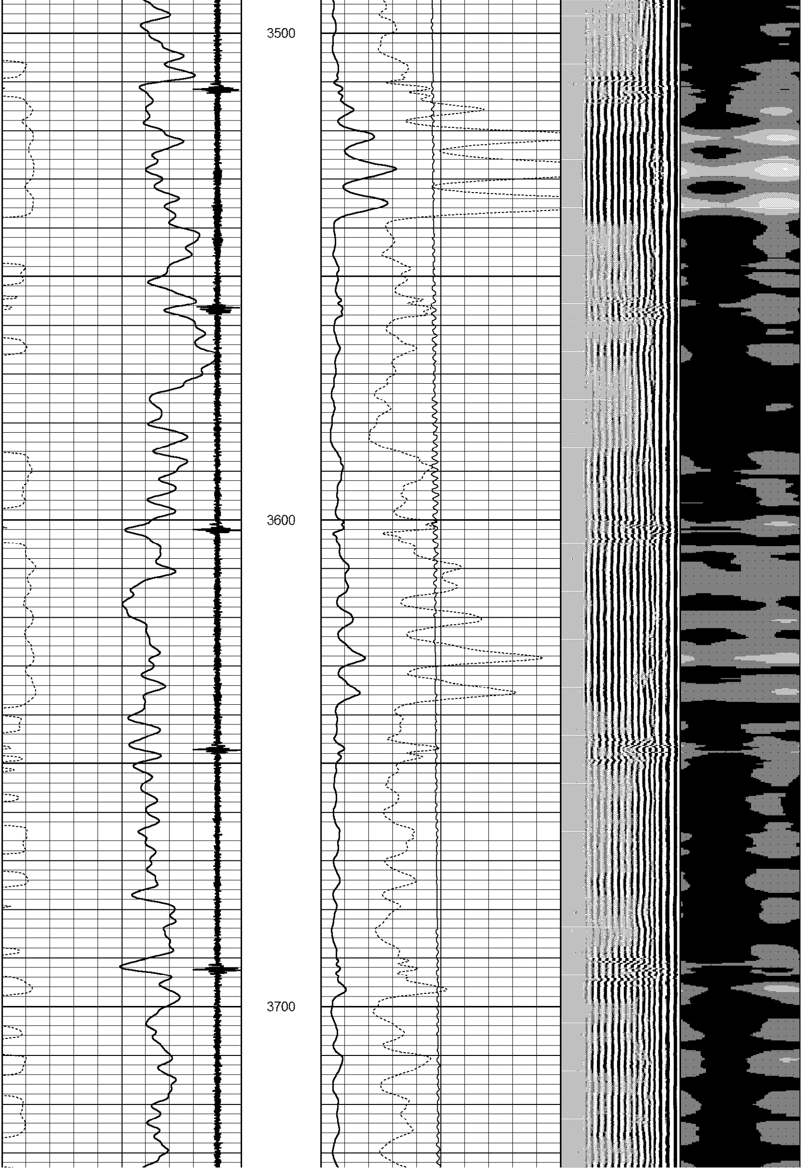


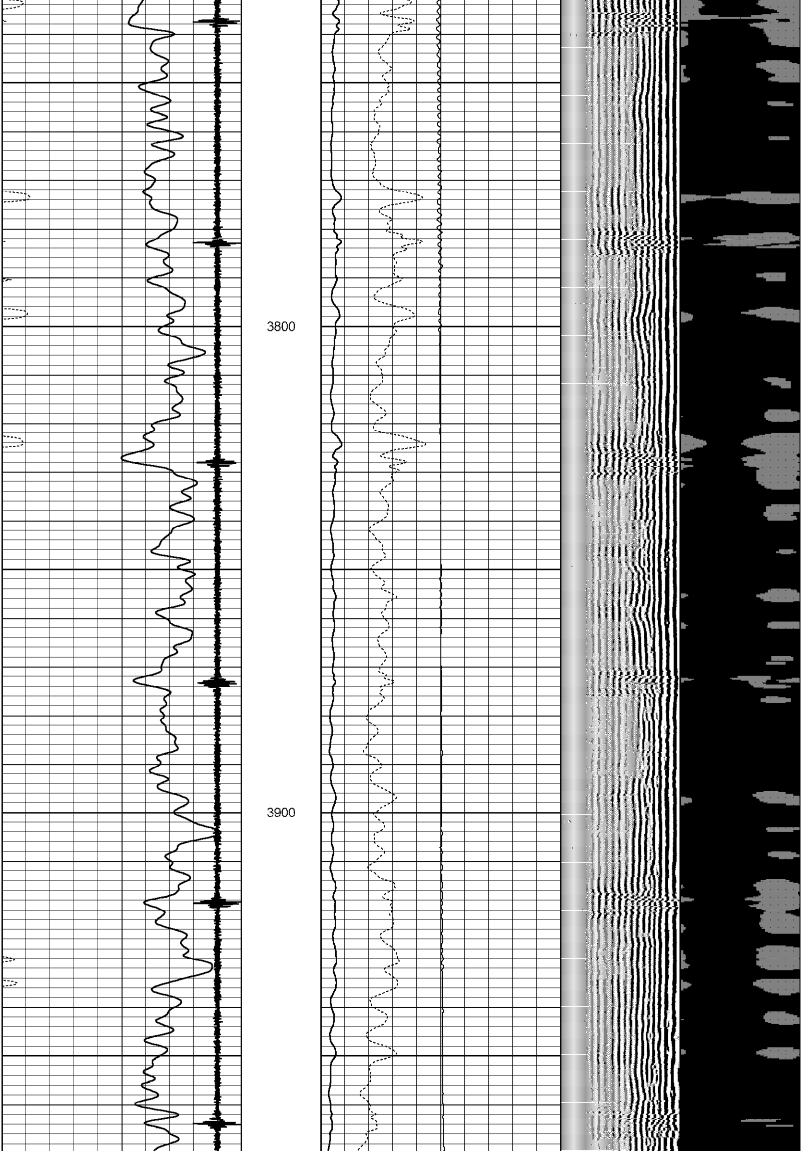


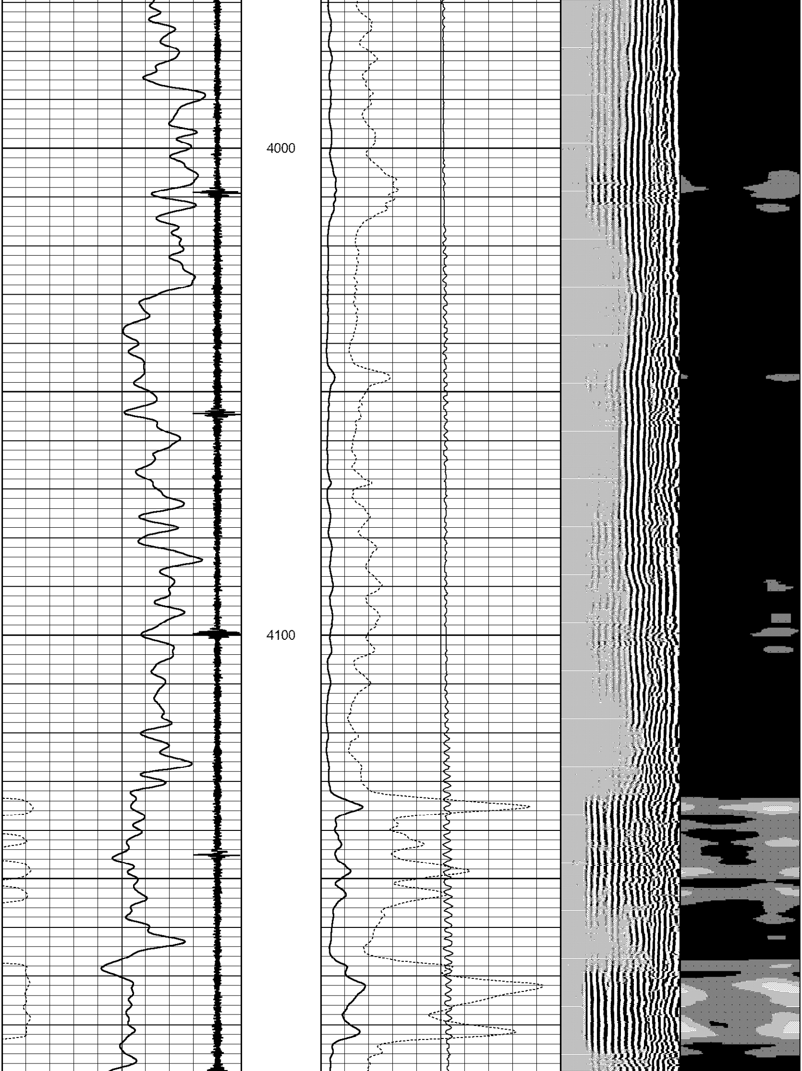


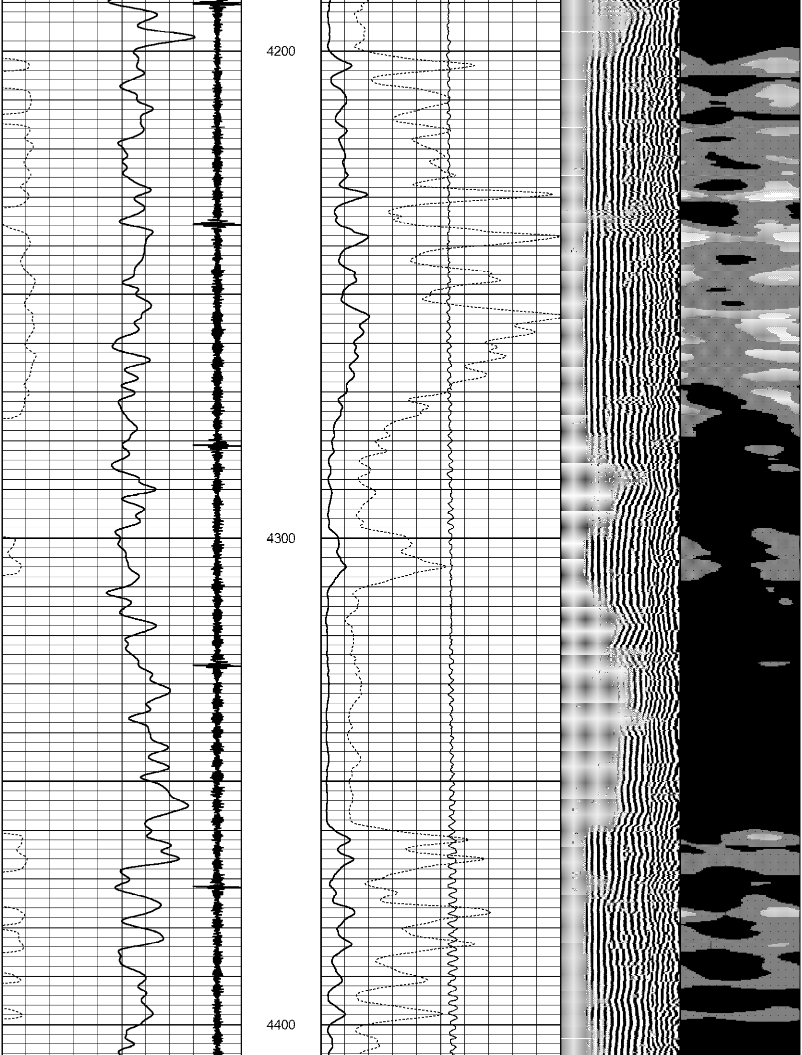


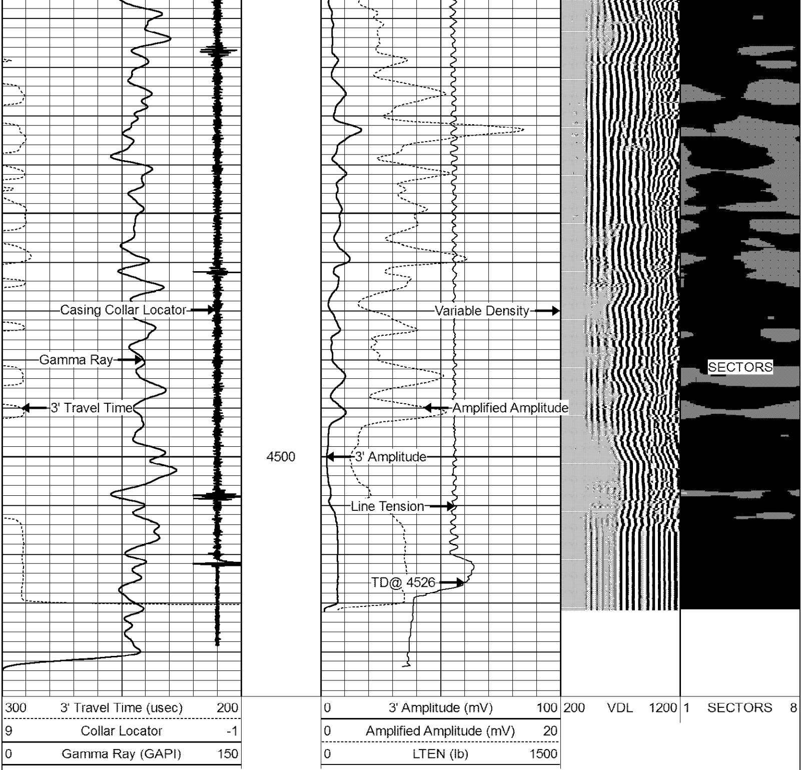










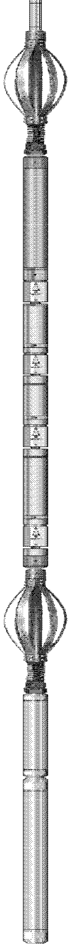


WARRIOR ENERGY SERVICES

Tool String Diagram

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)

TEMP	14.75
WVFS1	13.33
WVFS2	13.33
WVFS3	13.33
WVFS4	13.33
WVFS5	13.33
WVFS6	13.33
WVFS7	13.33
WVFS8	13.33
WVF3FT	12.58
WVFCAL	12.58
WVFSYNC	12.58
WVF5FT	11.58
WVFTEMP	8.25
CCL	4.35
GR	1.08



1_4	1.00	1.36	5.00
2.75varable 2.75" varable length	2.75	2.75	25.00
275CTEKSECWTWSLCANS-27SBT20 (279.1320-022.75 2-3/4" Sector Bond Tool with Temp/ Sliding Cans 400'deg			102.00
2.75varable 2.75" varable length	2.75	2.75	25.00
CCL-27CCL40 (27CCL40-XXXX) 2-3/4" Tek-Co Rare Earth CCL	1.83	2.75	15.00
GR-27GRL20 (27GRL20-XXXX) 2-3/4" Gamma Ray	3.67	2.75	30.00

Dataset: ml investments 1-11.db: field/well/run1/pass4
Total Length: 21.13 ft
Total Weight: 202.00 lb
O.D. 2.75 in

WARRIOR ENERGY SERVICES

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Well	ML Investments 1-11
Field	Willow
County	Payette
State	Idaho