CEMENT BOND LOG
4-TRACK PRESENTATION
FINAL PRINT

Company	MCELVAIN OIL & GAS PROPERTIES
Well	PAYNE #22
Field	FRUITLAND COAL
County	LA PLATA
State	COLORADO

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Well PAYNE #22
Field FRUITLAND COAL
County LA PLATA State COLORADO

Location: API #: 05-067-09661
1666' FSL & 660' FEL
SEC 17 TWP 32N RGE 6W

Other Services

Permanent Datum G.L. Elevation 6340'
Log Measured From RKB 13.5'
Drilling Measured From RIG KELLY BUSHING

Elevation
K.B. 6353'
D.F. 6352.5'
G.L. 6340'

Date	6/3/10
Run Number	ONE
Depth Driller	3465
Depth Logger	3464.5
Bottom Logged Interval	3414
Top Log Interval	SURF
Open Hole Size	7 7/8"
Type Fluid	H20
Density / Viscosity	
Max. Recorded Temp.	
Estimated Cement Top	
Time Well Ready	14:20
Time Logger on Bottom	14:35
Equipment Number	D-5/DRC
Location	FARMINGTON
Recorded By	S.HATCH
Witnessed By	MR.M.WOLFE

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"	24# J-55	SURF.	596'
Prot. String				
Production String	5 1/2"	15.5# J-55	SURF.	3462'
Liner				
MARKER JT.	3100'-3120'			

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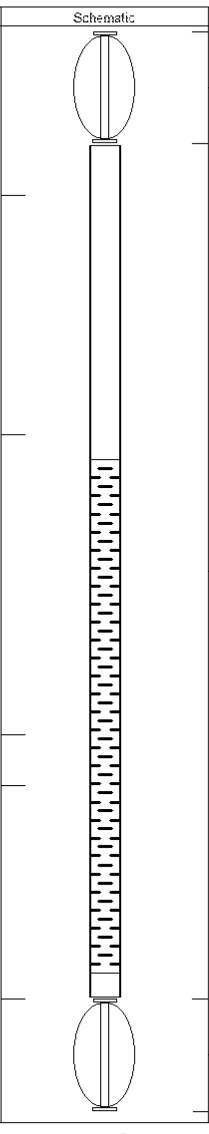
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

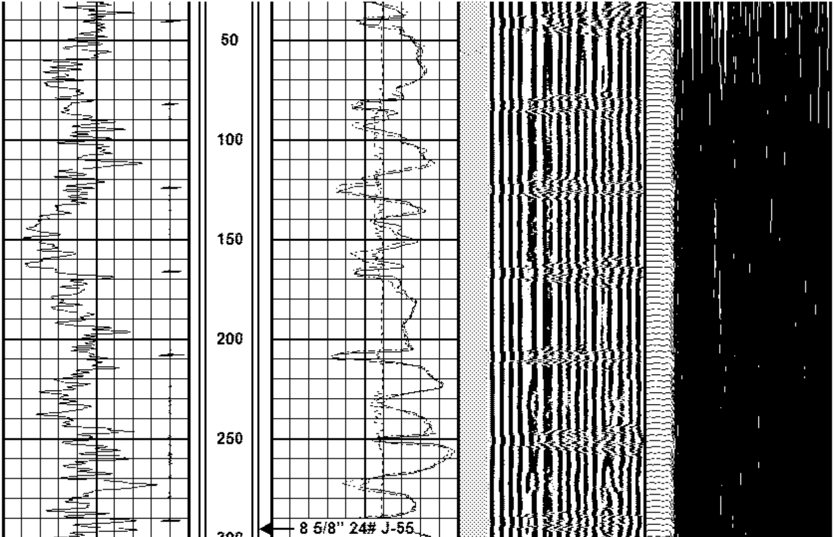


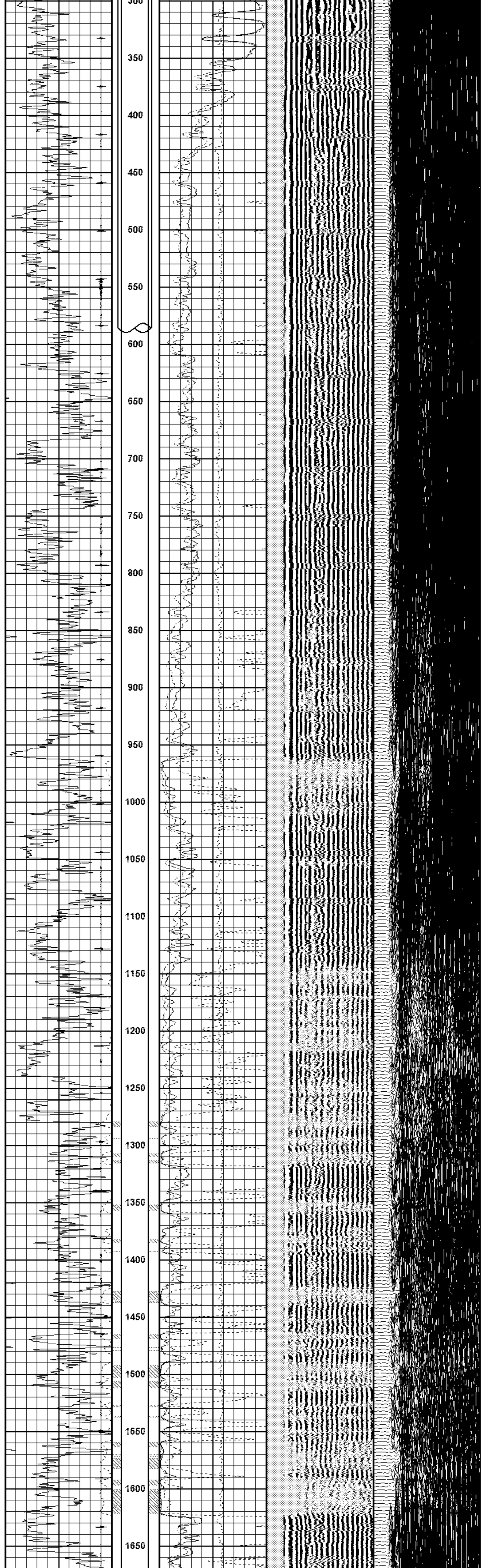
Sensor	Offset (ft)	Description	Len (ft)	OD (in)	Wt (lb)
		SIE2 SIE Centralizer	2.20	2.25	25.00
CCL	18.00				
GR	13.30				
		CBLSIE1X2-SIE (DRC) SIE 3 3/8" Dual Reciever	16.83	3.25	200.00
WVF5FT	7.41				
WVF3FT	6.41				
WVFSYNC	2.20				
		SIE2 SIE Centralizer	2.20	2.25	25.00

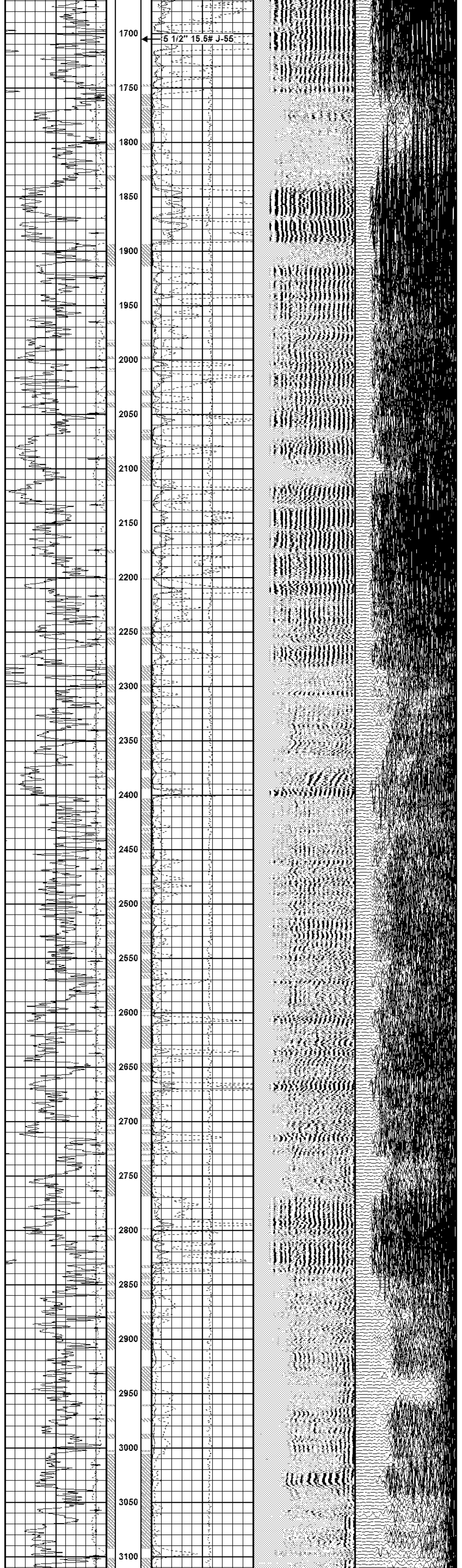
Dataset: panye22 db: fc/payne/cbl/pass3
Total Length: 21.23 ft
Total Weight: 250.00 lb
O D 3.25 in

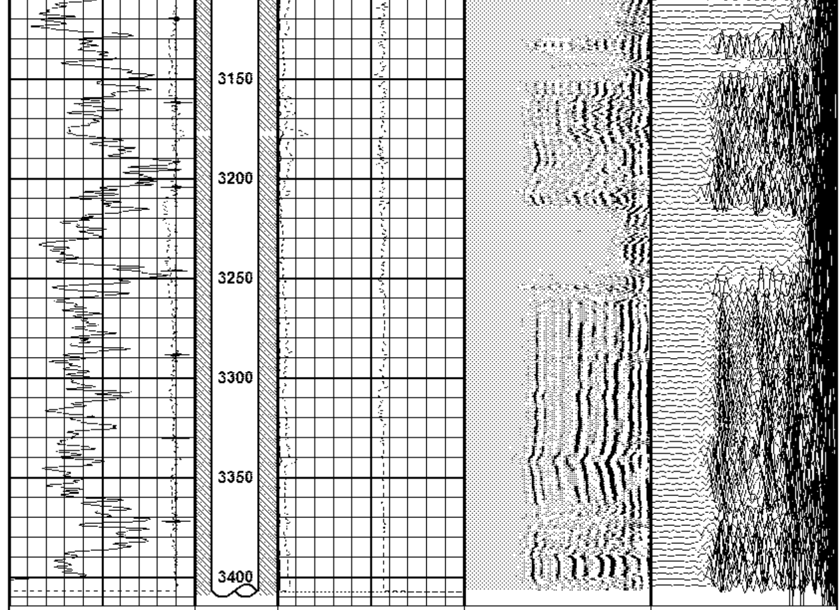
Database File: panye22.db
Dataset Pathname: fc/payne/cbl/pass3.1
Presentation Format: newcbl5
Dataset Creation: Thu Jun 03 15:54:44 2010 by Calc Std Casedhole 08121
Charted by: Depth in Feet scaled 1:600

9 Collar Locator -1	0 AMP3FT (mV) 100	200 VDL 1200	200 Signature 1200
0 Gamma Ray 200	0 AMP5FT (mV) 100		
5 BONDIX 0.5	TT3FT 1200 (usec) 200		
	Amplitude X5 0 (mV) 20		
	Travel Time X10 300 (usec) 200		









9 Collar Locator -1
0 Gamma Ray 200
5 BONDIX 0.5

0 AMP3FT (mV) 100
0 AMP5FT (mV) 100
TT3FT
1200 (usec) 200
Amplitude X5
0 (mV) 20
Travel Time X10
300 (usec) 200

200 VDL 1200

200 Signature 1200

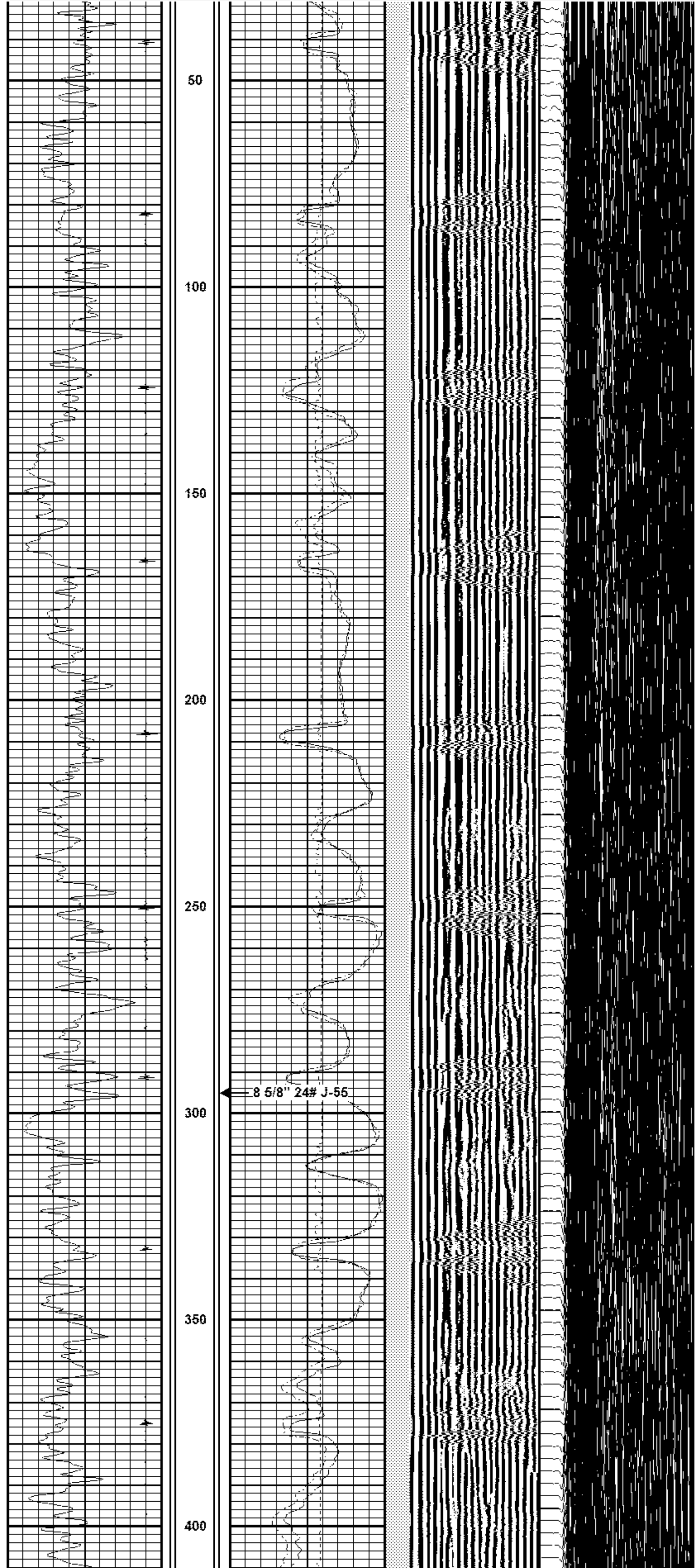
Database File:	panye22.db
Dataset Pathname:	fc/payne/cbl/pass3.1
Presentation Format:	newcbl5
Dataset Creation:	Thu Jun 03 15:54:44 2010 by Calc Std Casedhole 08121
Charted by:	Depth in Feet scaled 1:240

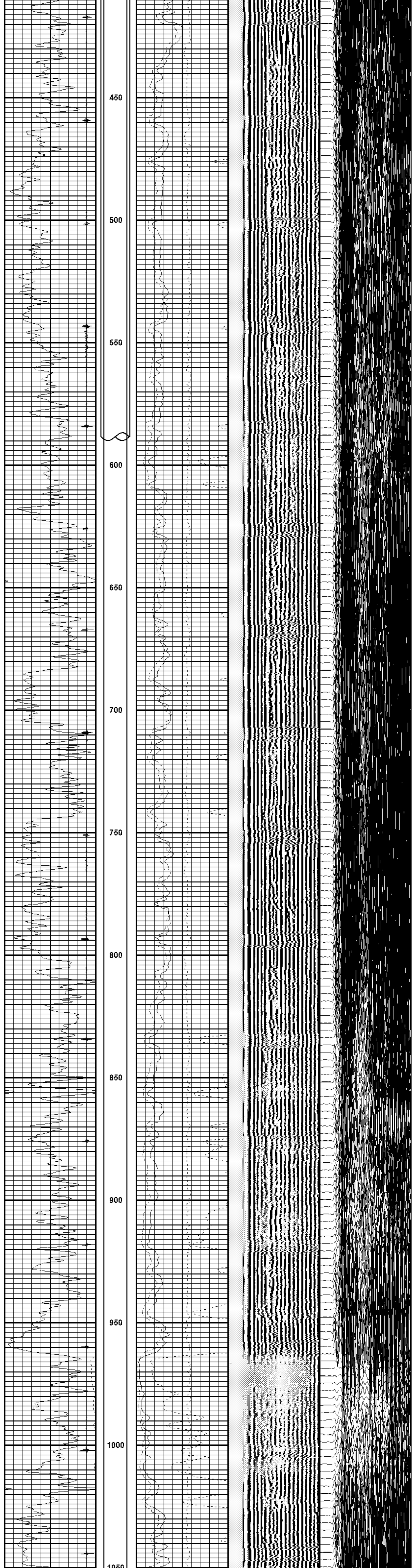
9 Collar Locator -1
0 Gamma Ray 200
5 BONDIX 0.5

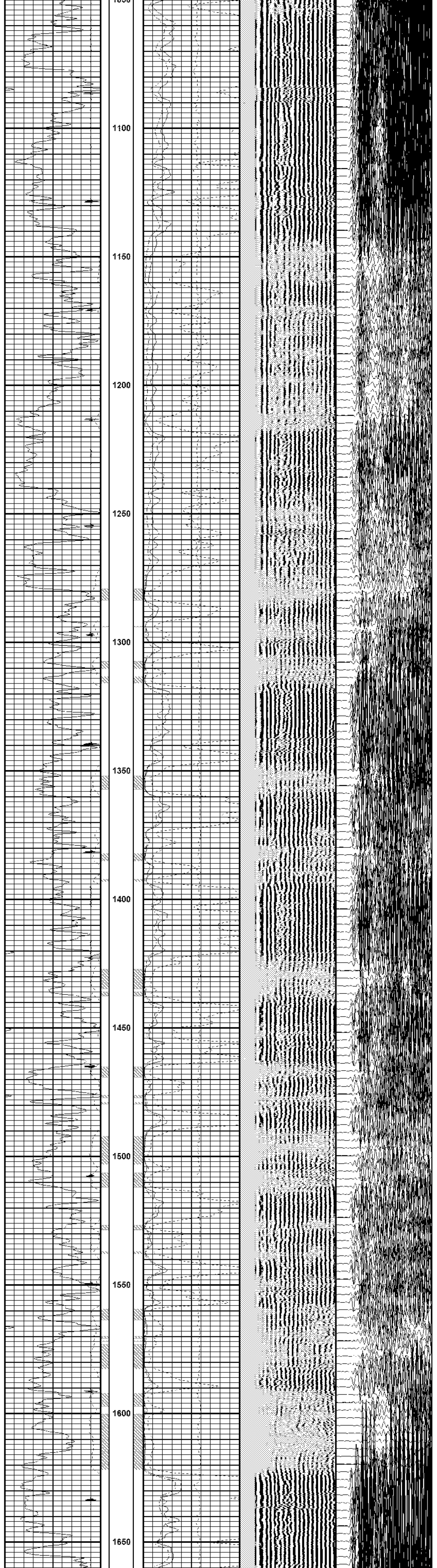
0 AMP3FT (mV) 100
0 AMP5FT (mV) 100
TT3FT
1200 (usec) 200
Amplitude X5
0 (mV) 20
Travel Time X10
300 (usec) 200

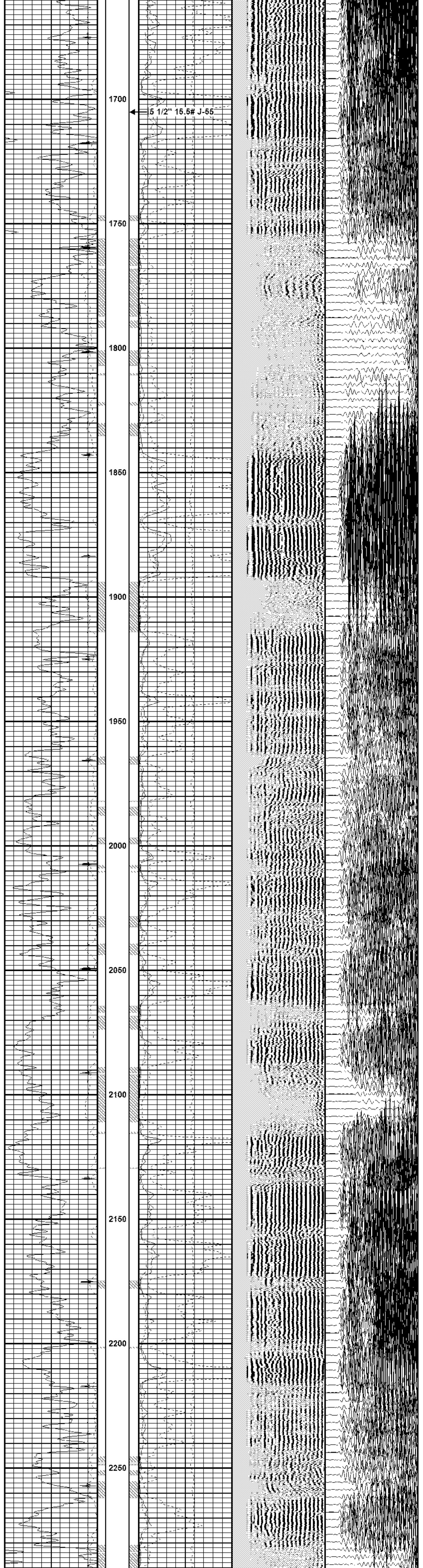
200 VDL 1200

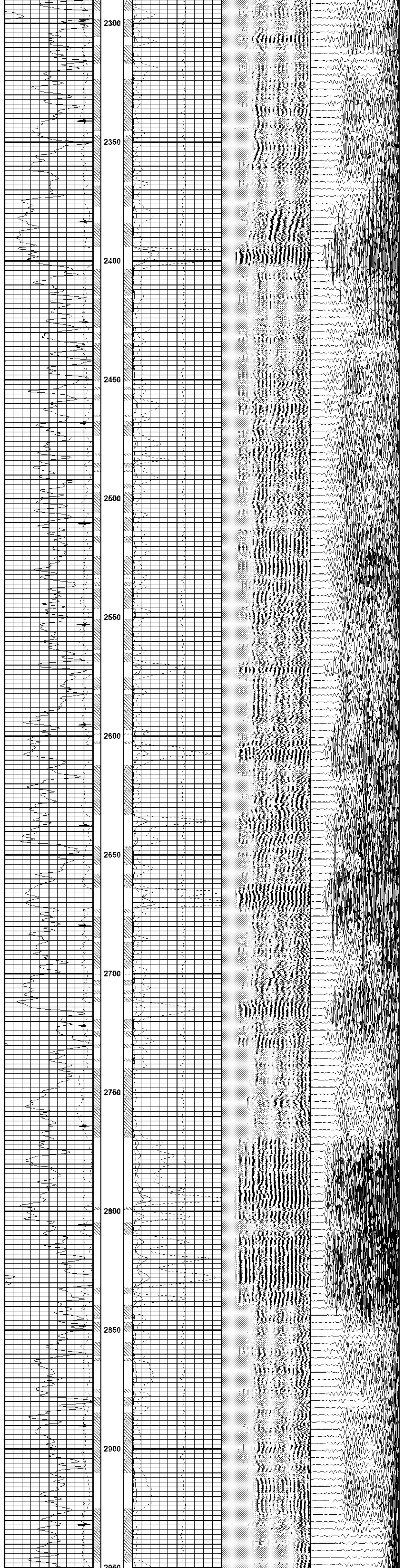
200 Signature 1200

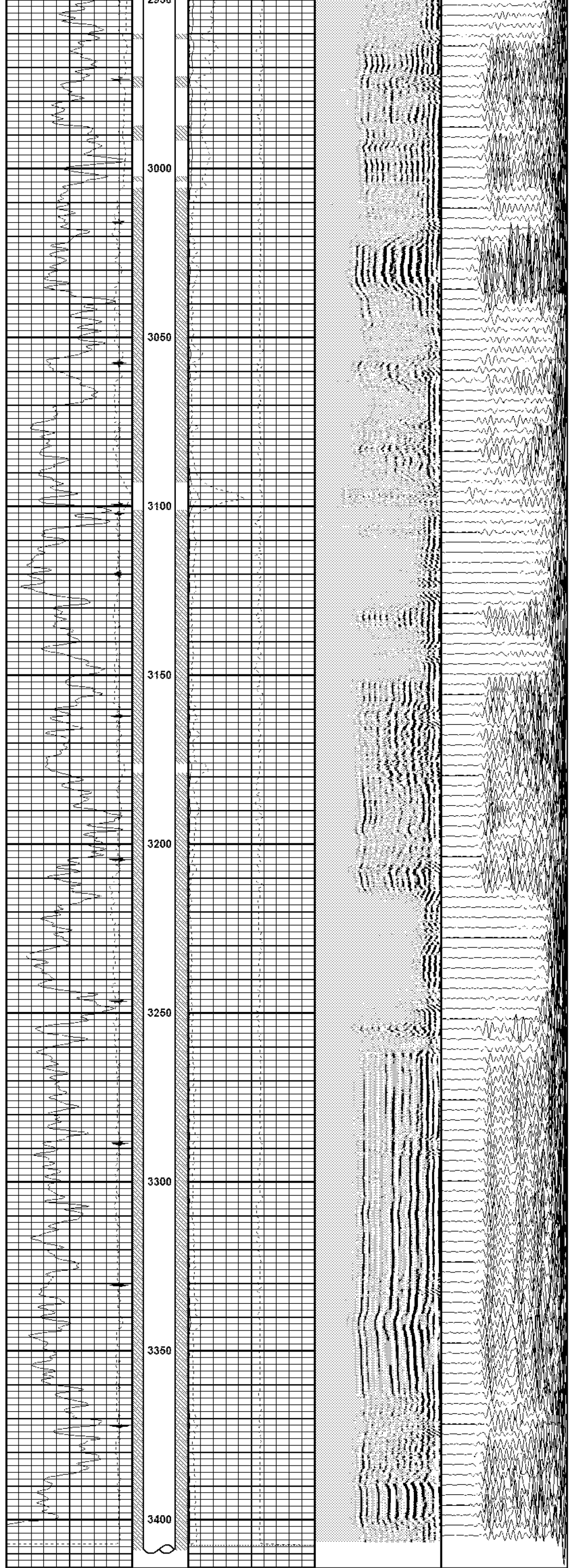








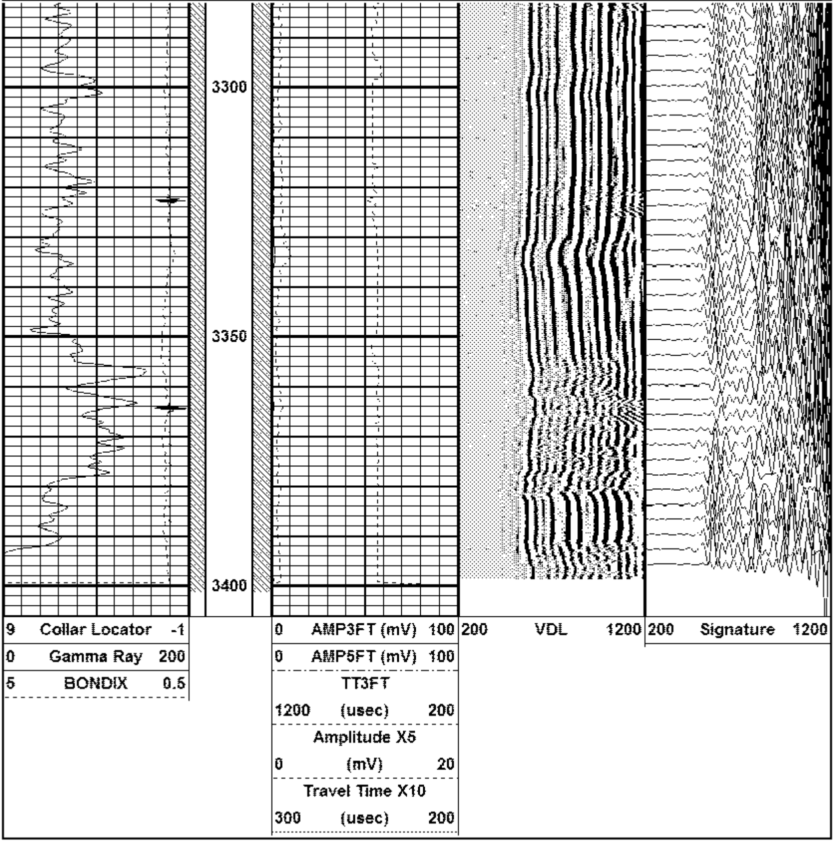




9 Collar Locator -1	0 AMP3FT (mV) 100	200 VDL 1200	200 Signature 1200
0 Gamma Ray 200	0 AMP5FT (mV) 100		
5 BONDIX 0.5	TT3FT 1200 (usec) 200		
	Amplitude X5 0 (mV) 20		
	Travel Time X10 300 (usec) 200		

Database File: panye22.db
Dataset Pathname: fc/payne/cbl/pass2
Presentation Format: newcbl5
Dataset Creation: Thu Jun 03 14:48:58 2010 by Log Std Casedhole 08121
Charted by: Depth in Feet scaled 1:240

9 Collar Locator -1	0 AMP3FT (mV) 100	200 VDL 1200	200 Signature 1200
0 Gamma Ray 200	0 AMP5FT (mV) 100		
5 BONDIX 0.5	TT3FT 1200 (usec) 200		
	Amplitude X5 0 (mV) 20		
	Travel Time X10 300 (usec) 200		



Calibration Report

Database File:	panye22.db
Dataset Pathname:	fc/payne/cbl/pass3
Dataset Creation:	Thu Jun 03 14:52:34 2010 by Log Std Casedhole 05121

CBL Calibration Report

Serial Number:	DRC		
Tool Model:	SIE		
Performed:	Mon May 17 14:15:58 2010		
Depth:	0.000	ft	
Casing Diameter:	5.500	in	
	3' Spacing	5' Spacing	
Signal Zero:	0.450	0.450	mV
Calibrated Amplitude:	91.000	91.000	mV
Reading at Signal Zero:	0.016	0.016	V
Reading in Free Pipe:	0.352	0.958	V
Gain:	269.711	96.112	
Offset:	-3.823	-1.086	

Gamma Ray Calibration Report

Serial Number:	DRC	
Tool Model:	SIE	
Performed:	Mon May 17 14:25:19 2010	
Calibrator Value:	360.0	
Background Reading:	0.0	cps
Calibrator Reading:	360.0	cps
Sensitivity:	2.7000	/cps