Company	NOBLE ENERGY INC.
Well	SEKICH P19-27D
Field	WATTENBERG
County	WELD
State	COLORADO

SUPERIOR WELL SERVICES

GAMMA RAY CCL CEMENT BOND VDL

Company NOBLE ENERGY INC.
Well SEKICH P19-27D
Field WATTENBERG
County WELD State COLORADO

Location: API # : 0512331772
SHL:1204' FNL & 1646' FEL NWNE
BHL: 88' FNL & 1347' FEL NWNE
SEC 19 TWP 3N RGE 67W

Other Services

Permanent Datum	GL	Elevation 4898	Elevation
Log Measured From	KB		K.B. 4913
Drilling Measured From	KB		D.F. 4912
			G.L. 4898

Date	FEBRUARY 3, 2011		
Run Number	ONE		
Depth Driller	8029		
Depth Logger	7956		
Bottom Logged Interval	7955		
Top Log Interval	2327		
Open Hole Size	7-7/8		
Type Fluid	WATER		
Density / Viscosity	N/A		
Max. Recorded Temp.	257 DEG. F		
Estimated Cement Top	2531		
Time Well Ready	PORTABLE MAST		
Time Logger on Bottom	1-11/16 GO TOOL		
Equipment Number	3342		
Location	45		
Recorded By	GREG NOLAN		
Witnessed By	MITCH TRIMBLE		

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	15	878
Prot. String				
Production String	4-1/2	11.6	15	8024
Liner				

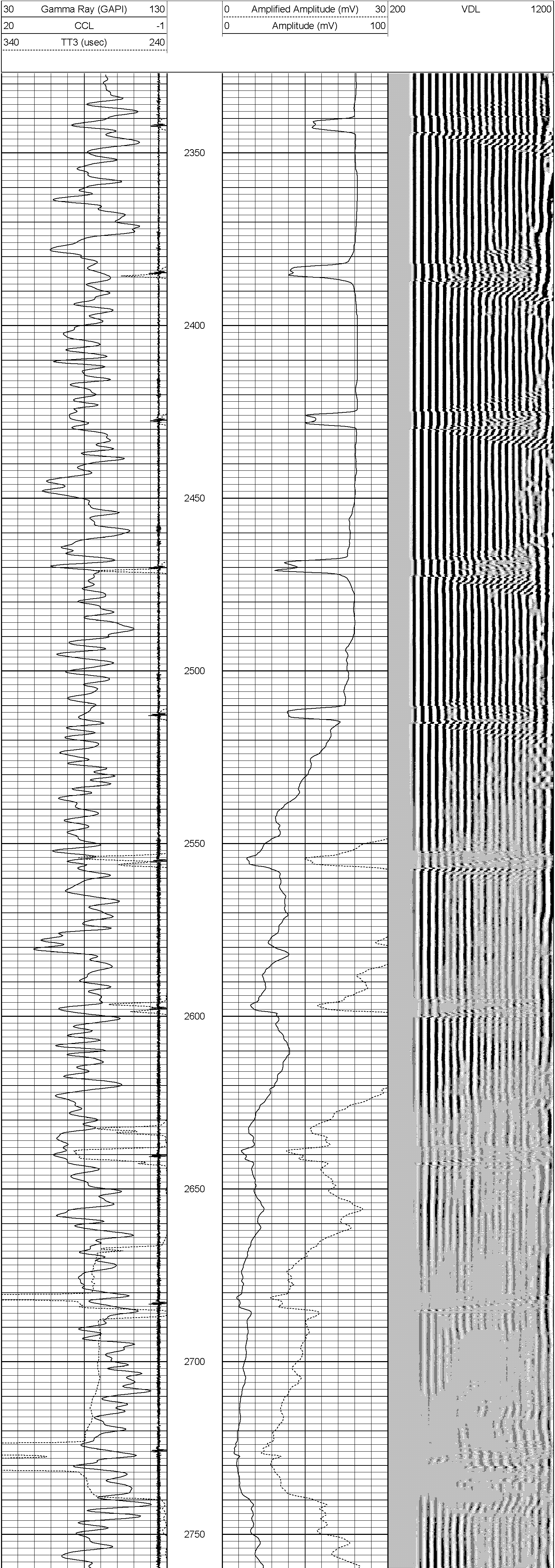
<<< Fold Here >>>

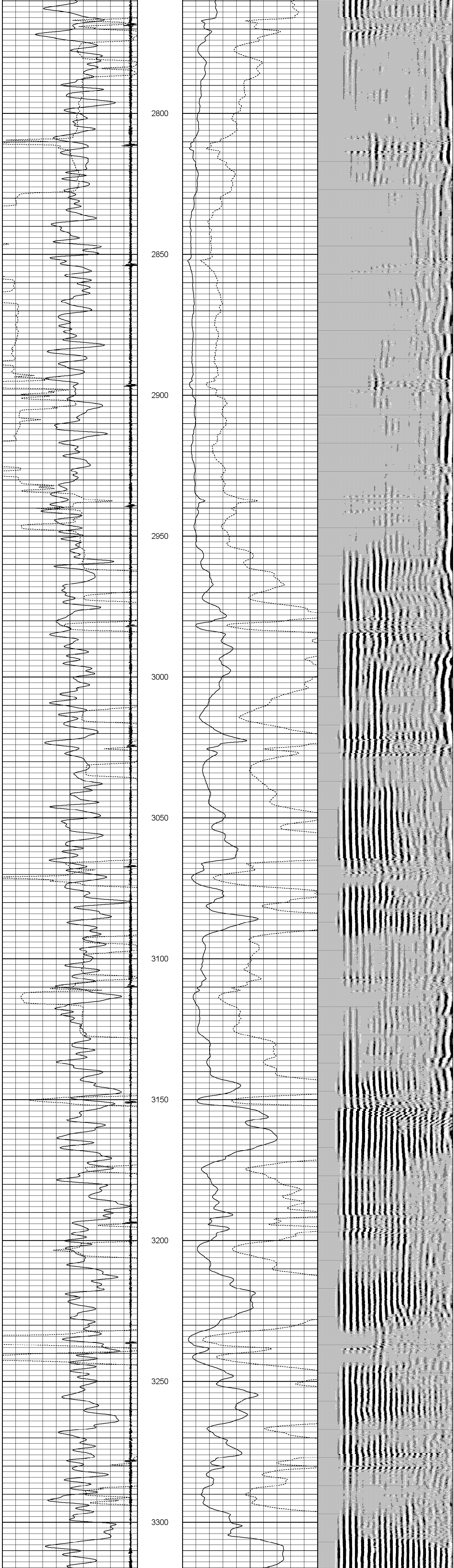
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

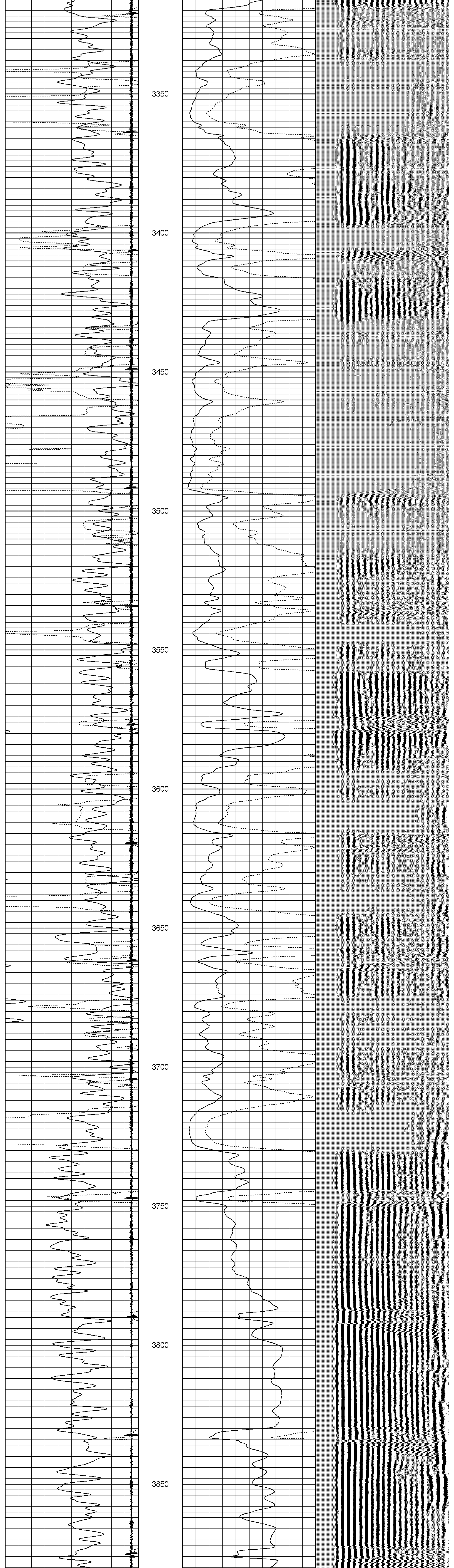
Comments

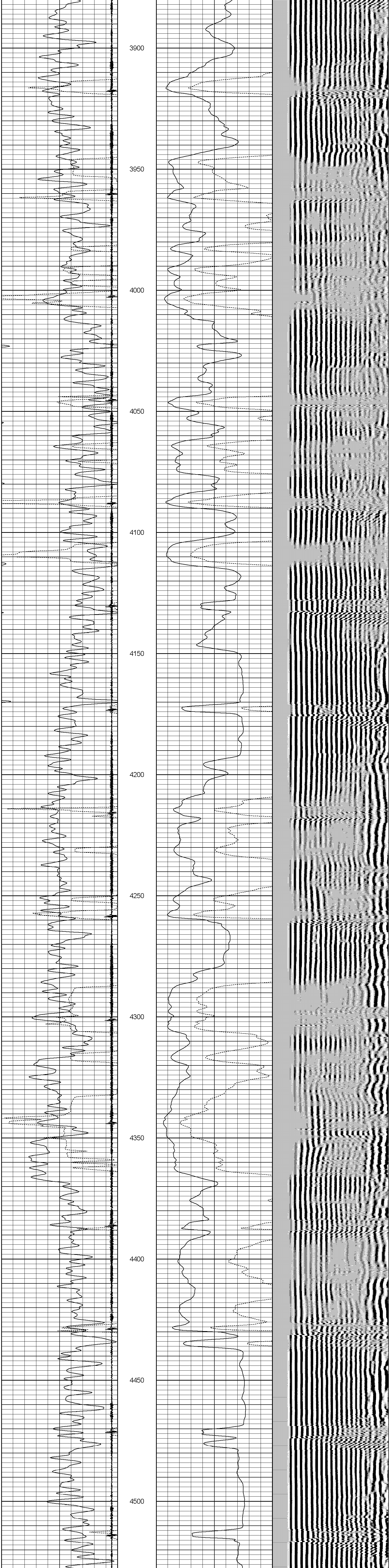
THANK YOU FOR CHOOSING SUPERIOR WELL SERVICES!!!!!
LOG CORRELATED TO PSI COMPENSATED DENSITY/NEUTRON MICROLOG DATED JANUARY 24,
WCR 13 & WCR 32, E.65, S.2 INTO
NORTHERN WELL OF A 2 WELL PAD

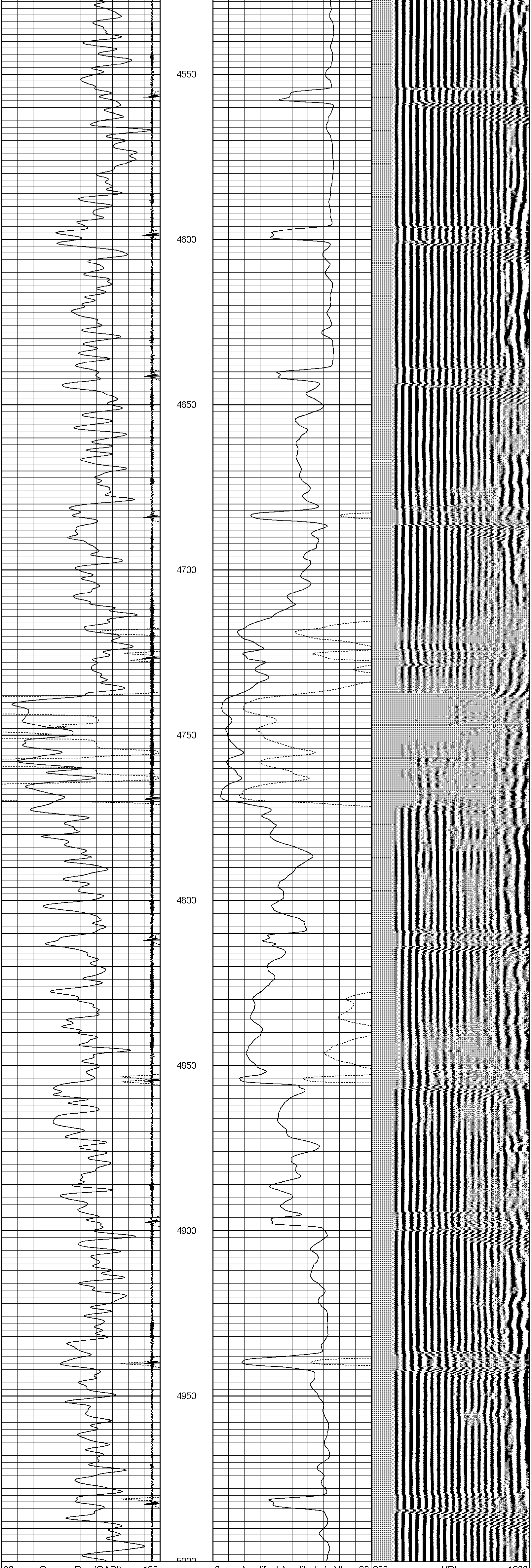
Database File:	cbl noble sekich p19-27d.db
Dataset Pathname:	pass4
Presentation Format:	nuexbond
Dataset Creation:	Thu Feb 03 13:40:16 2011 by Log Std Casedhole 10081
Charted by:	Depth in Feet scaled 1:240







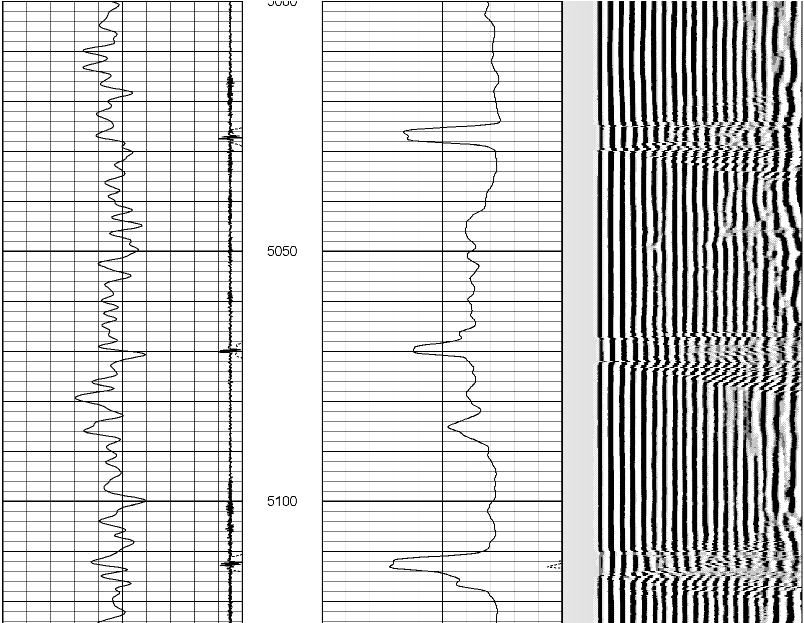


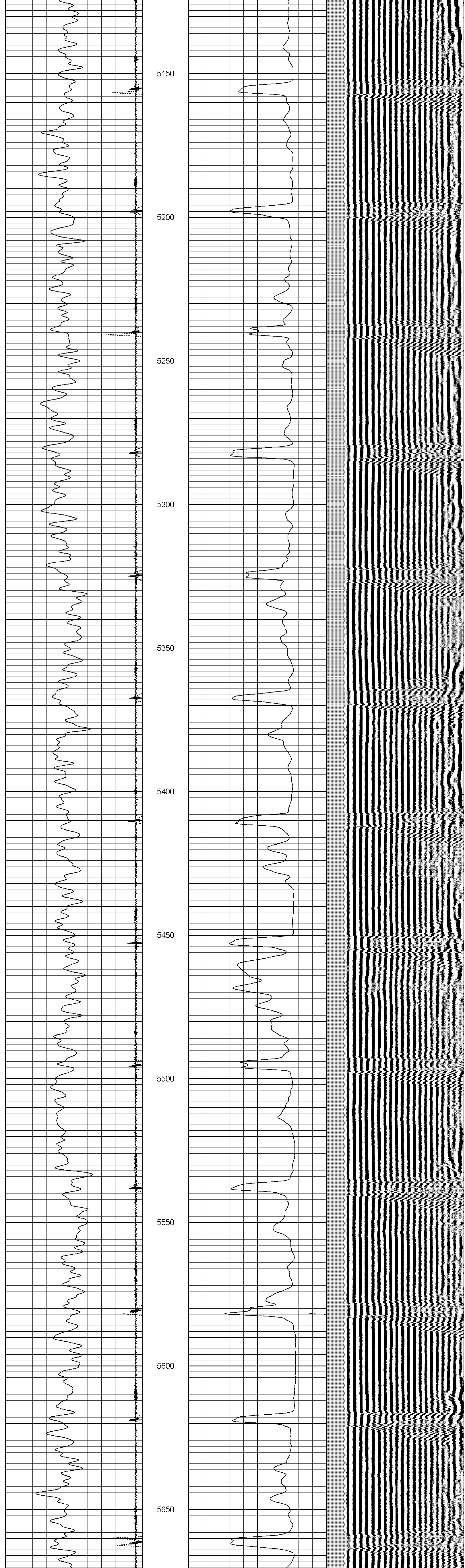


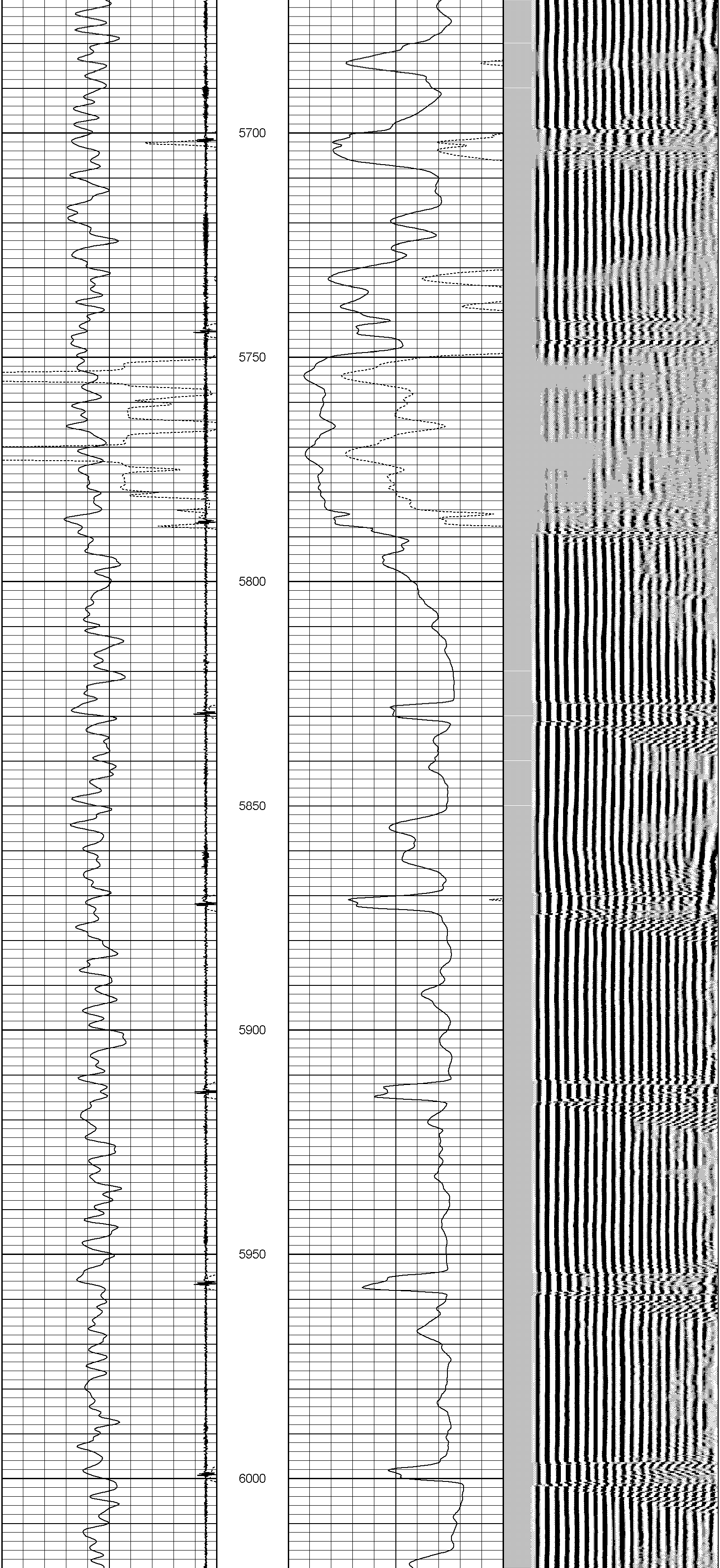
30	Gamma Ray (GAPI)	130	0	Amplified Amplitude (mV)	30	200	VDL	1200
20	CCL	-1	0	Amplitude (mV)	100			
340	TT3 (usec)	240						

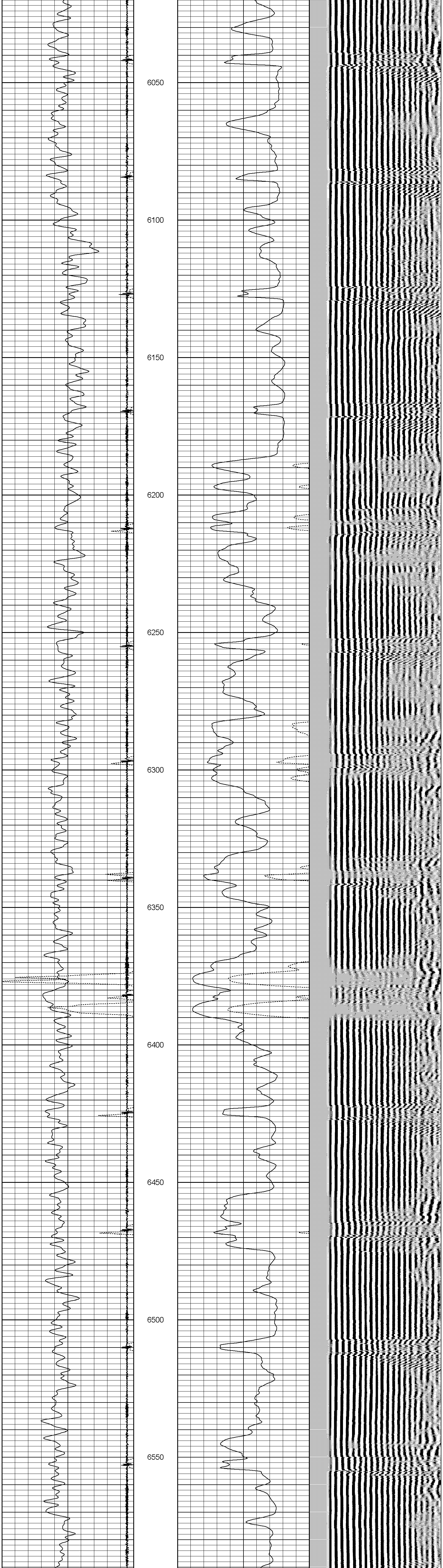
Database File: cbl noble sekich p19-27d.db
Dataset Pathname: pass3
Presentation Format: nuexbond
Dataset Creation: Thu Feb 03 13:20:33 2011 by Log Std Casedhole 10081
Charted by: Depth in Feet scaled 1:240

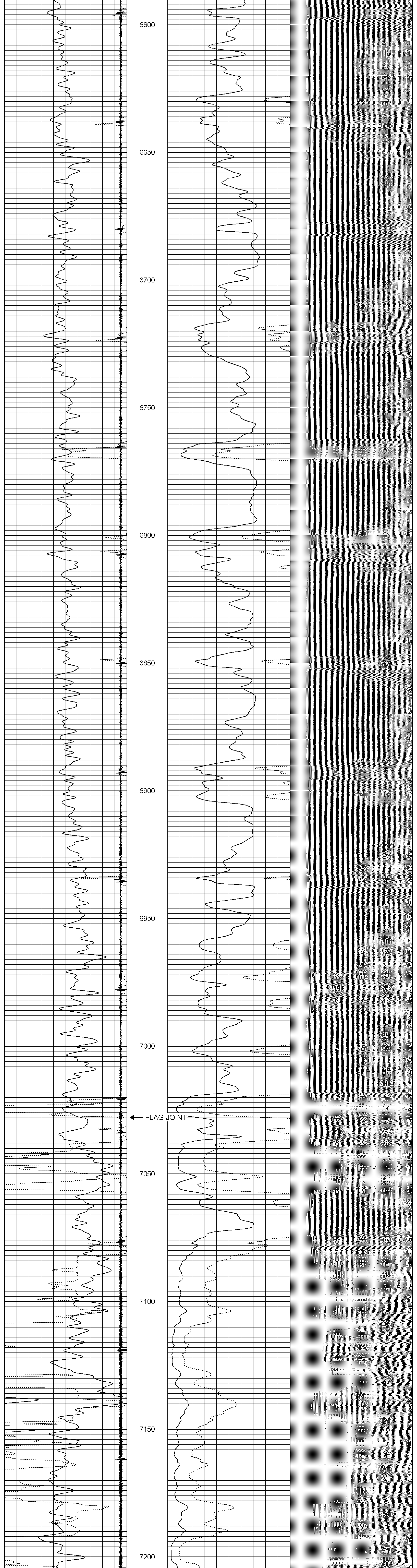
0	Gamma Ray (GAPI)	200	0	Amplified Amplitude (mV)	30	200	VDL	1200
20	CCL	-1	0	Amplitude (mV)	100			
340	TT3 (usec)	240						

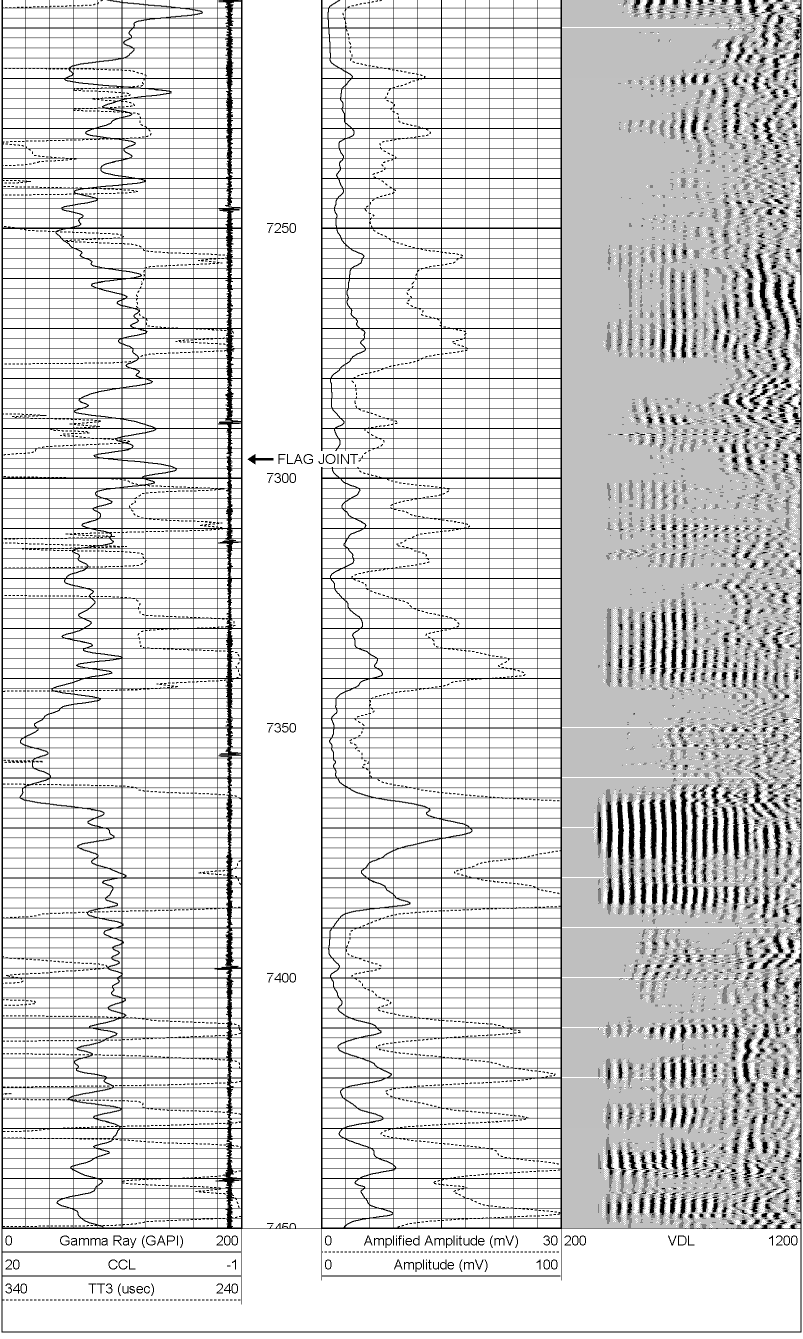




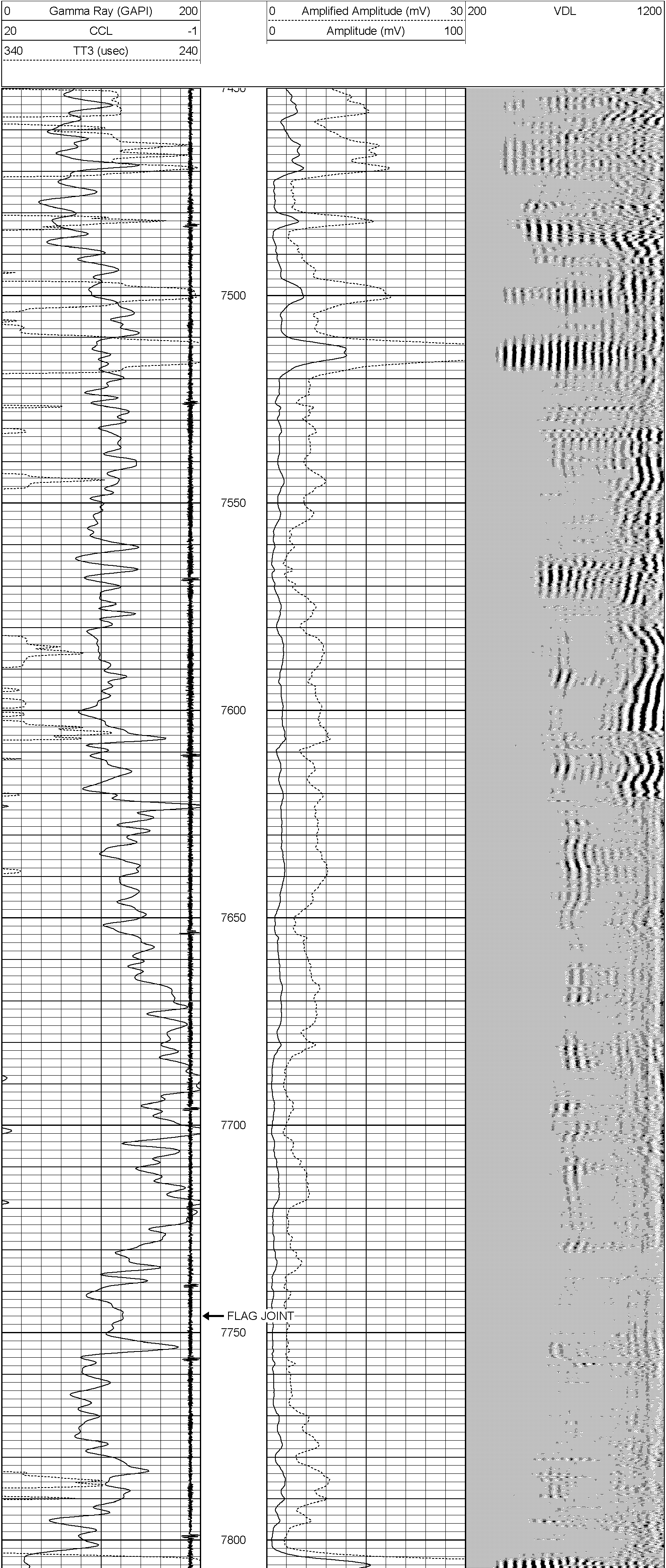


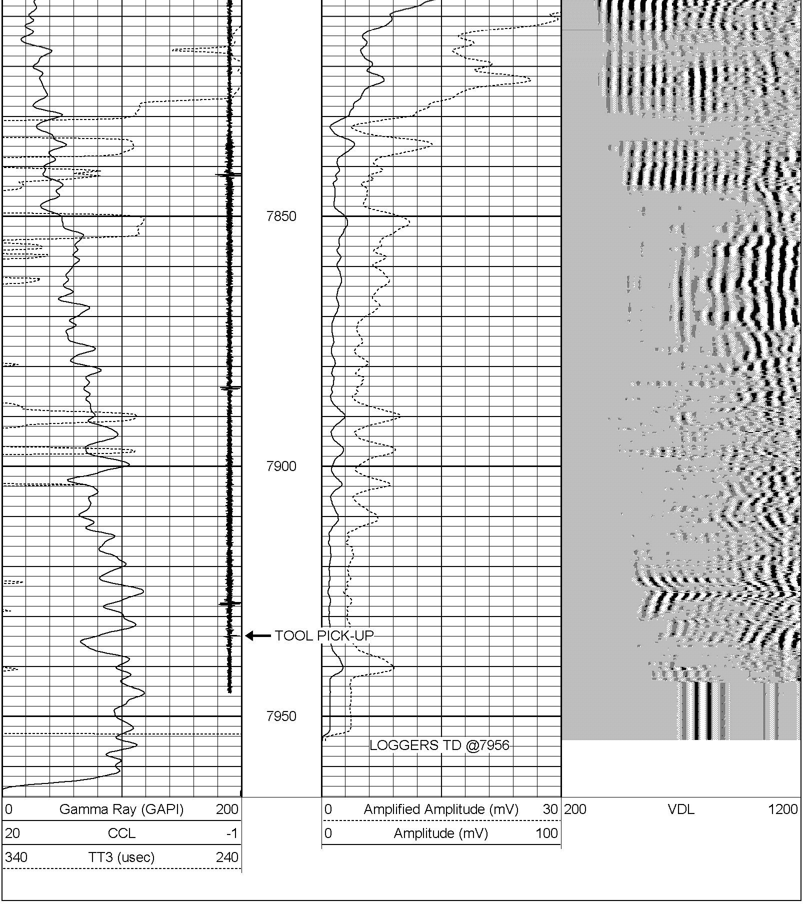






Database File: cbl noble sekich p19-27d.db
Dataset Pathname: pass2
Presentation Format: nuexbond
Dataset Creation: Thu Feb 03 13:16:00 2011 by Log Std Casedhole 10081
Charted by: Depth in Feet scaled 1:240





Calibration Report

Database File:	cbl noble sekich p19-27d.db
Dataset Pathname:	pass2
Dataset Creation:	Thu Feb 03 13:16:00 2011 by Log Std Casedhole 10081

Gamma Ray Calibration Report

Serial Number:	tit/temp	
Tool Model:	temp/tit	
Performed:	Tue Sep 21 09:37:35 2010	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	1.0000	GAPI/cps

CBL Calibration Report

Serial Number:	111	
Tool Model:	TekCo_GOI	
Performed:	Thu Feb 03 12:57:31 2011	
Depth:	526.225	ft
Casing Diameter:	4.500	in

	3' Spacing	5' Spacing	
Signal Zero:	0.800	0.800	mV
Calibrated Amplitude:	81.196	81.196	mV
Reading at Signal Zero:	0.008	0.008	V
Reading in Free Pipe:	2.482	2.499	V
Gain:	32.498	32.280	
Offset:	0.536	0.536	