HALLIBURTON

Cement Bond Log

Company EnCana Oil & Gas Inc,
Well Edith Ann 8-8-21
Field Wattenberg
County Weld State Colorado

Company	EnCana Oil & Gas Inc,
Well	Edith Ann 8-8-21
Field	Wattenberg
County	Weld
State	Colorado

API No.: 05-123-31529-0000 Serv #:

Location:

SESE SHL: 485' FSL & 556' FEL

Sec: 21 Twp: 2N Rge: 68W

Other Services

None

Permanent Datum	GL	Elevation	4931'	
Log Measured From	KB	, 13'	Ft. above perm. datum	
Drilling Measured From	KB			

Elevation

K.B. 4944"
D.F. 4943'
G.L. 4931'

Date @ Time Logged	13-Sept-2010	Type Fluid in Hole	Fresh Water
Run No.	One	Density of Fluid	8.33
Depth - Driller	8198'	Fluid Level	Surface
Depth - Logger	8149'	Cement Top Est. Logged	4800'
Bottom - Logged Interval	8147'	Equipment / Location	10971660 / Brighton
Top - Log Interval	4000'	Recorded by	Matt Baldwin
Max. Recorded Temp.	258 F	Witnessed by	Gary Cummins

CEMENTING DATA	Surface String	Protection String	Production String	Liner
Date / Time Cemented				
Primary / Squeeze				
Expected Compressive Strength	psi@ hrs	psi@ hrs	psi@ hrs	psi@ hrs
Cement Volume				
Cement Type / Weight	/	/	/	/
Formulation				
Mud Type / Mud Wgt.	/	/	/	/

Borehole Record				Casing & Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
				4.5"	11.6	TD	SURFACE

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HALLIBURTON DOES NOT GUARANTEE THE ACCURACY OF ANY INTERPRETATION OF THE LOG DATA, CONVERSION OF LOG DATA TO PHYSICAL ROCK PARAMETERS OR RECOMMENDATIONS WHICH MAY BE GIVEN BY HALLIBURTON PERSONNEL OR WHCIH APPEAR ON THE LOG OR IN ANY OTHER FORM. ANY USER OF SUCH DATA, INTERPRETATIONS, CONVERSIONS, OR RECOMMENDATIONS AGREES THAT HALLIBURTON IS NOT RESPONSIBLE EXCEPT WHERE DUE TO GROSS NEGLIGENCE OR WILLFUL MISCONDUCT, FOR ANY LOSS, DAMAGES, OR EXPENSES RESULTING FROM THE USE THEREOF.

Comments

This is the Primary Depth Reference

Thank you for choosing Halliburton!

Your crew today was: Matt Baldwin, Jason Morrison & Chad Nakagawa

AFE# 09129776

Calibration Report

Database File: encana_edith_ann_8_8_21_cbl.db
Dataset Pathname: pass6.1
Dataset Creation: Mon Sep 13 08:38:59 2010 by Calc Halliburton Casedho

Temperature Calibration Report

Serial Number: 0001
Tool Model: 1.375TEMP
Performed: Fri Jul 05 03:18:21 1996

	Reference		Reading	
Low Reference:	0.00	degF	0.00	cps
High Reference:	1.00	degF	1.00	cps

Gain: 0.10
Offset: 0.00
Delta Spacing 1

Gamma Ray Calibration Report

Serial Number: 070355
Tool Model: Probe
Performed: Mon Sep 13 06:49:33 2010

Calibrator Value:	264.0	GAPI
Background Reading:	55.7	cps
Calibrator Reading:	224.2	cps
Sensitivity:	1.5669	GAPI/cps

Cement Bond Log Calibration Report

Serial Number: 070321
Tool Model: Probe
Performed: Mon Sep 13 07:09:28 2010

Depth:	1458.44	ft
Casing Diameter:	4.5	in

	3' Spacing	5' Spacing	
Signal Zero:	0	0	mV
Calibrated Amplitude:	81.1961	81.1961	mV
Reading at Signal Zero:	-0.00175781	0.00183105	V
Reading in Free Pipe:	1.86016	1.84558	V
Gain:	42.14	41.786	
Offset:	0.034	-0.099	

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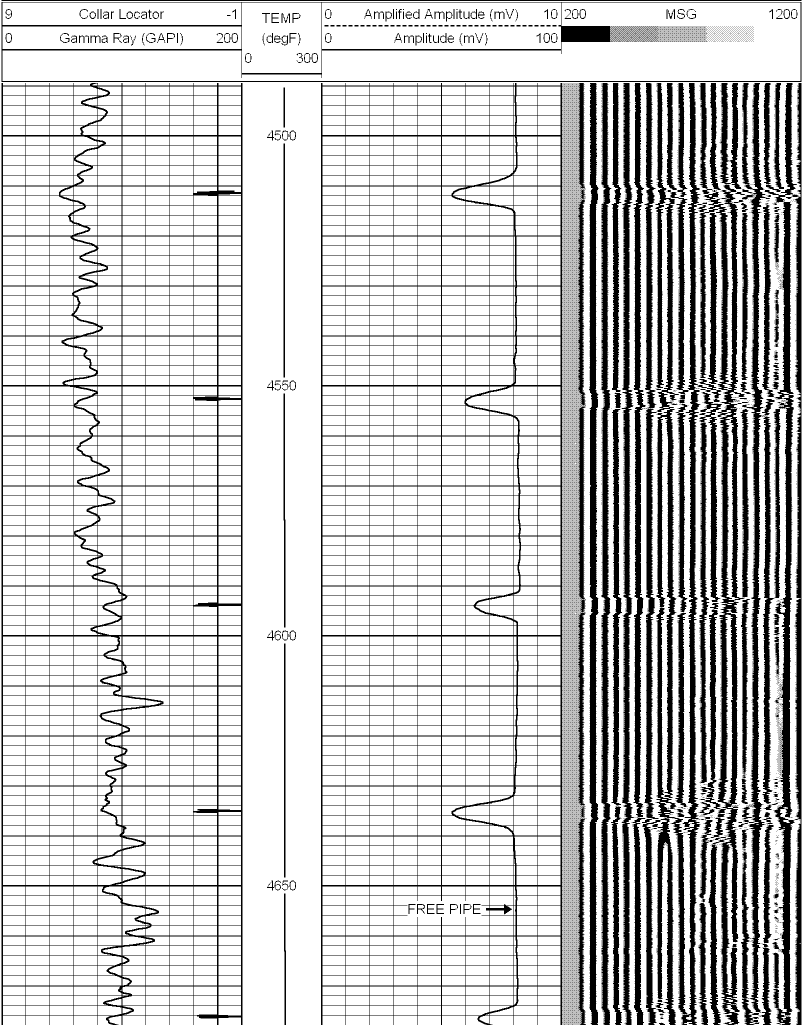
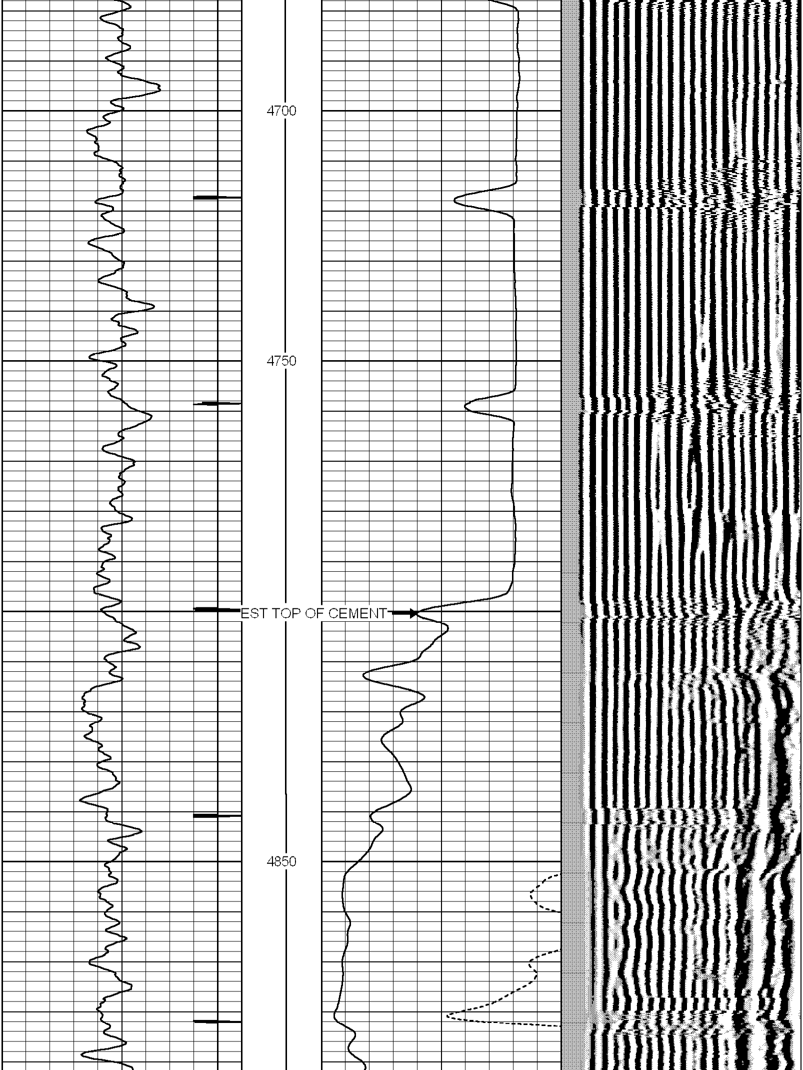
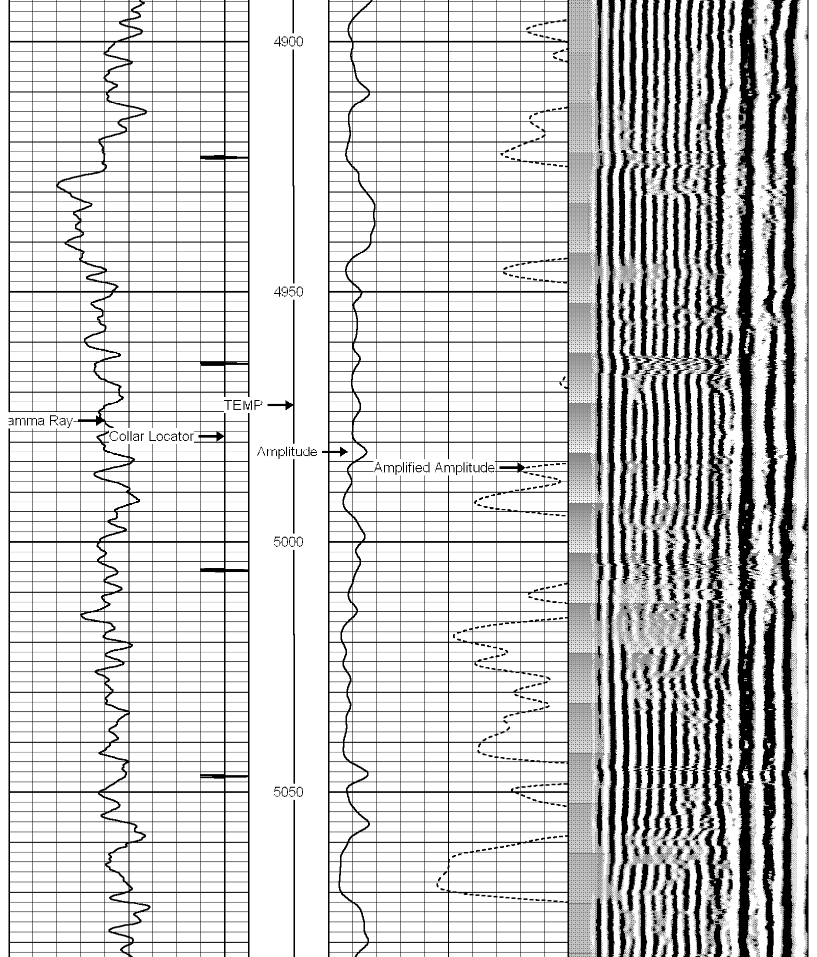
MAIN PASS

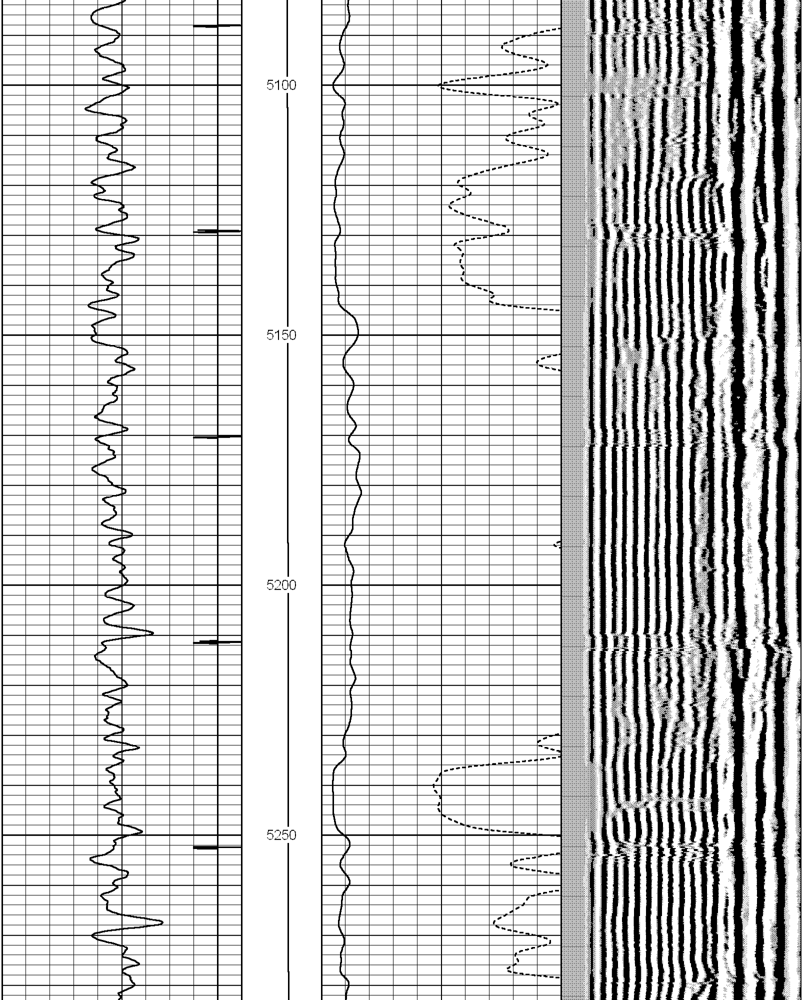
SCALE: 5"=100'

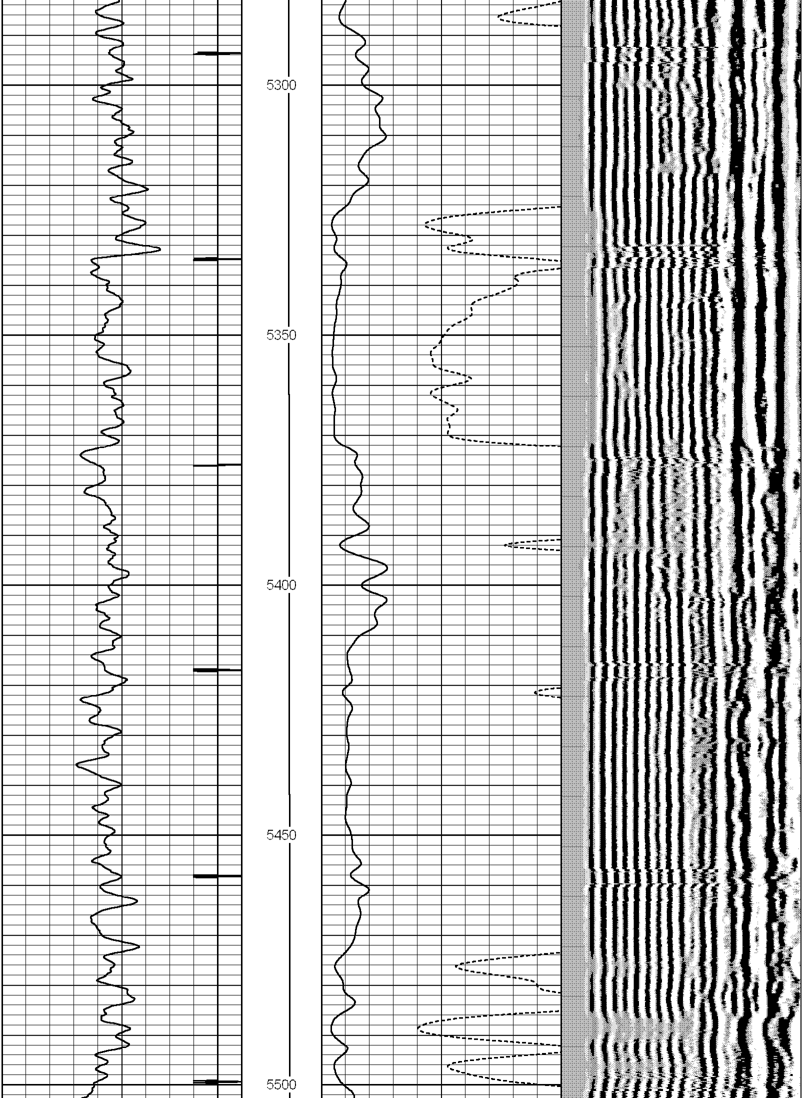
Database File: encana_edith_ann_8_8_21_cbl.db
Dataset Pathname: pass6.1
Presentation Format: jj_cbl
Dataset Creation: Mon Sep 13 08:38:59 2010 by Calc Halliburton Casedho
Charted by: Depth in Feet scaled 1:240

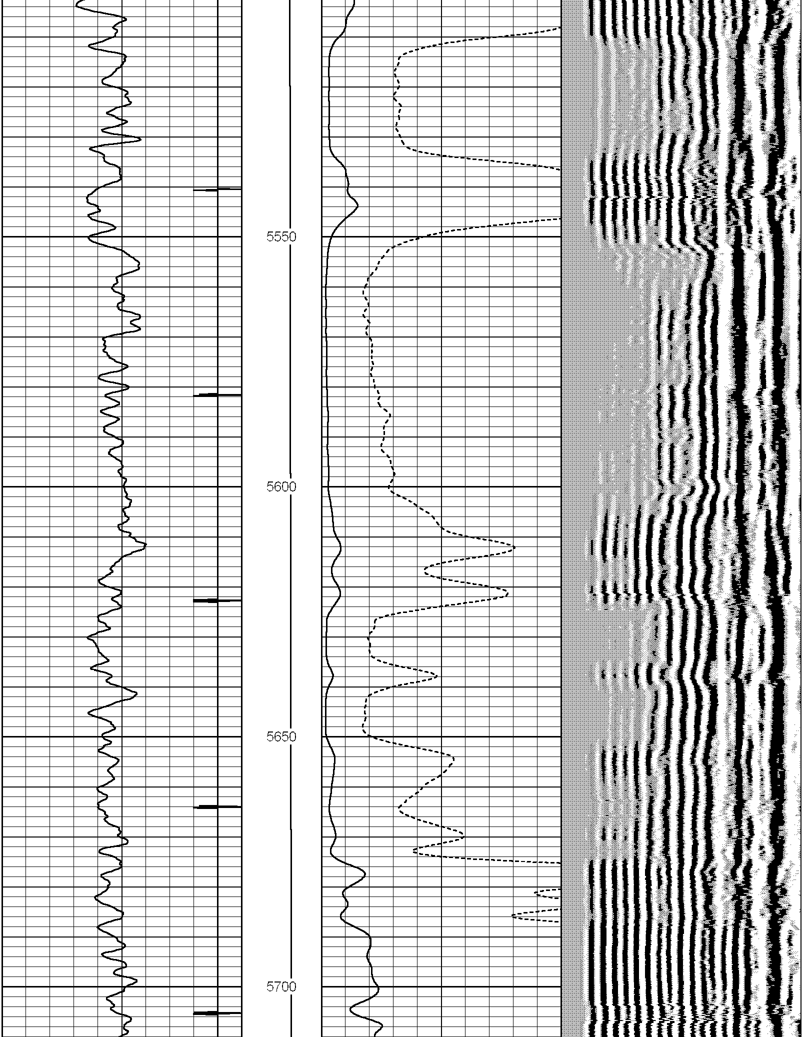


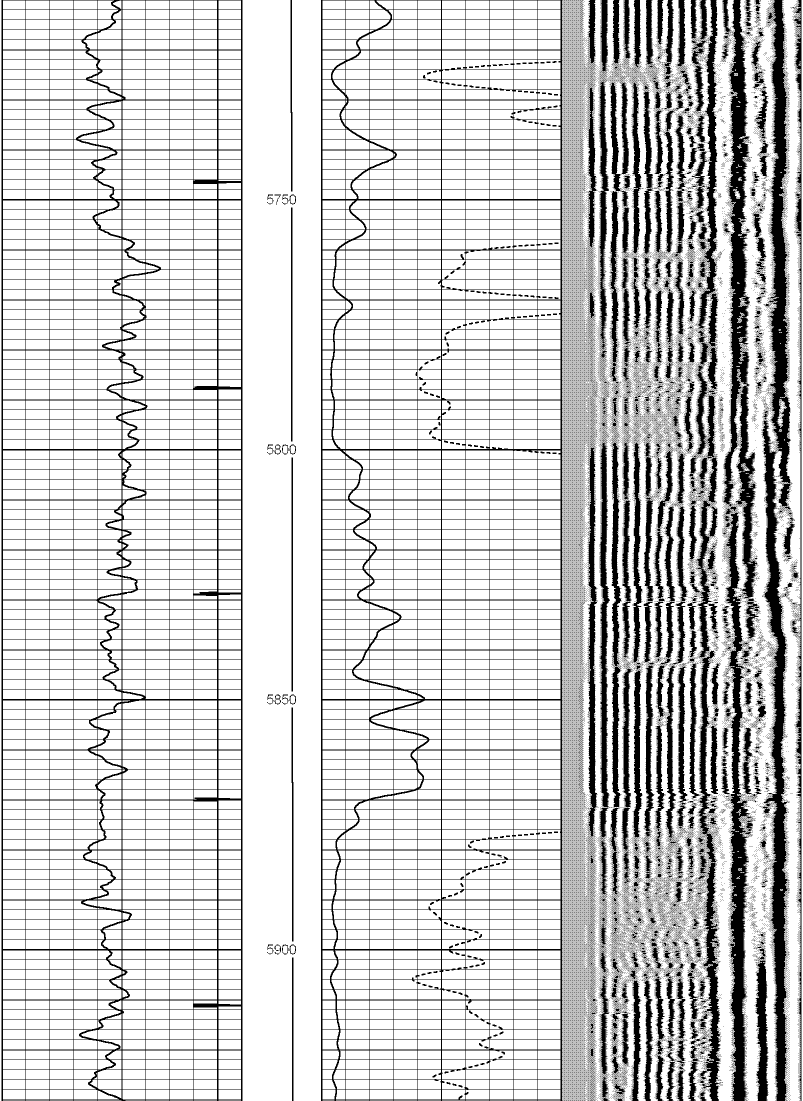


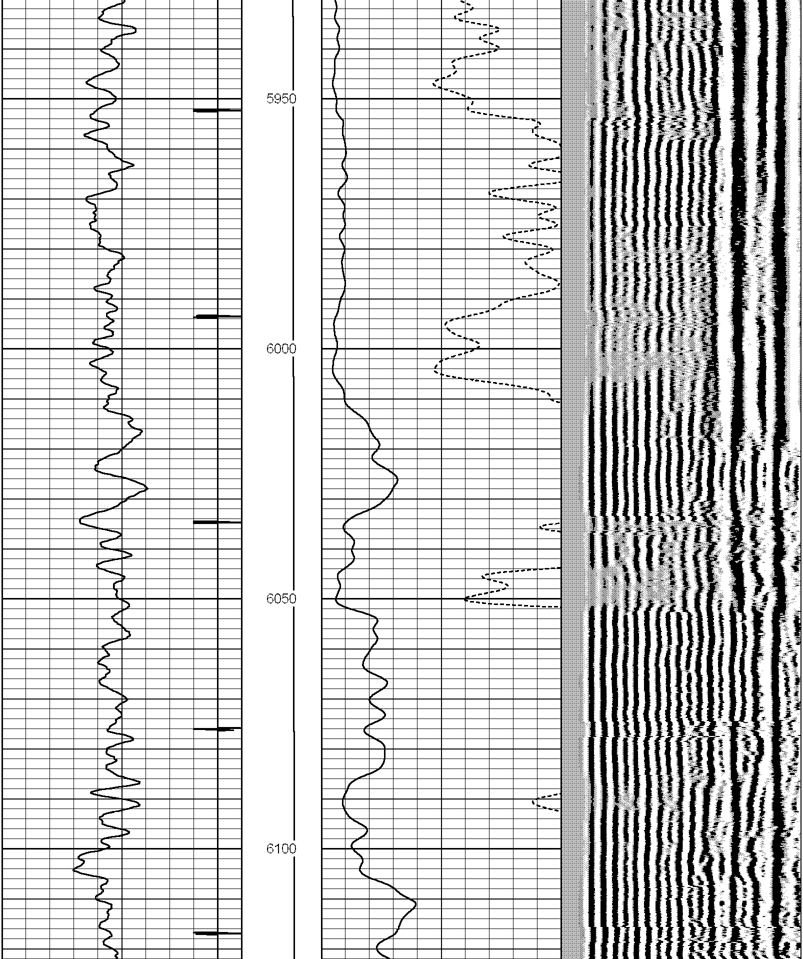


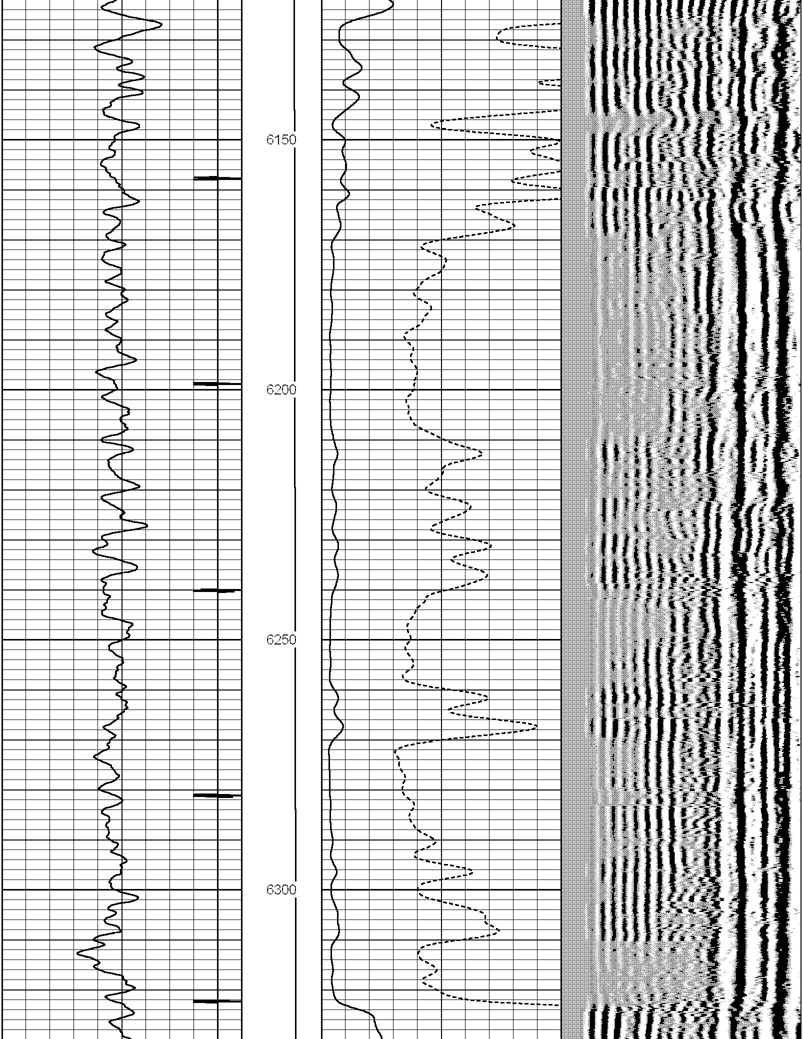


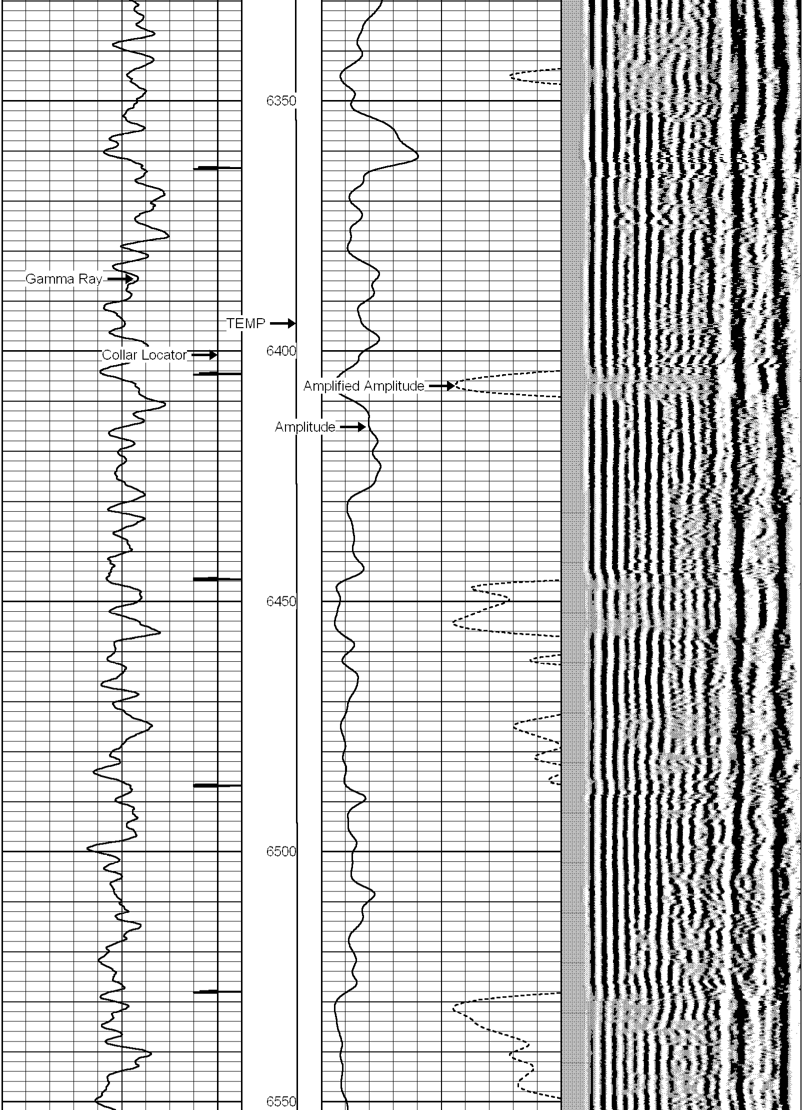


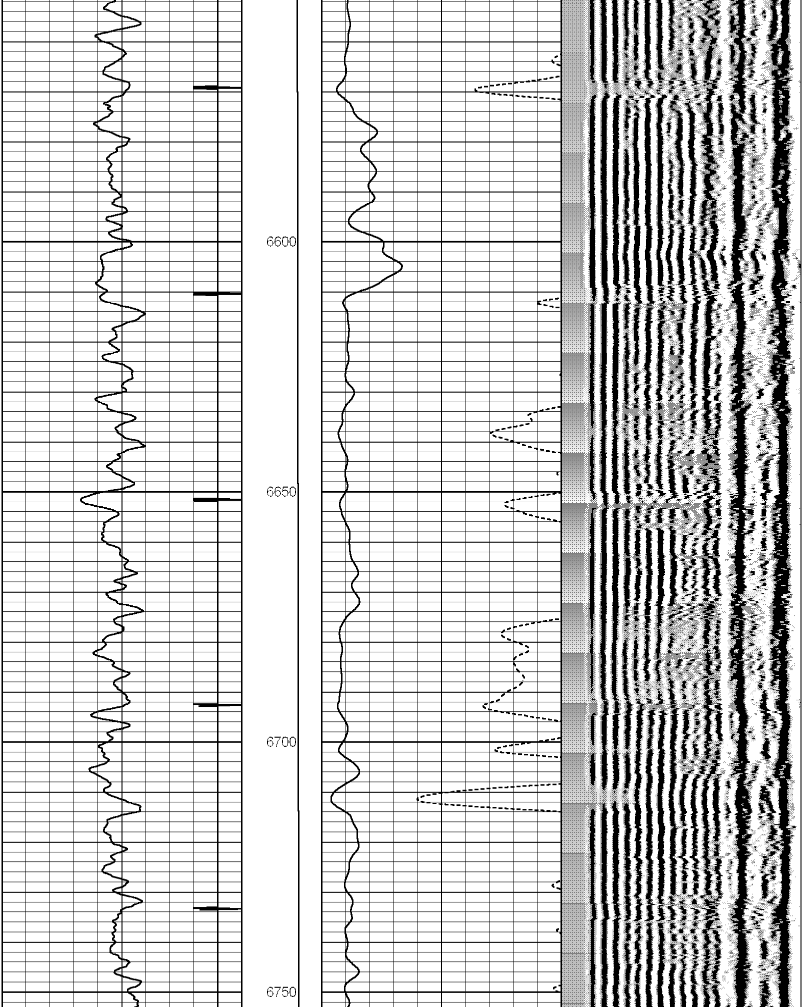


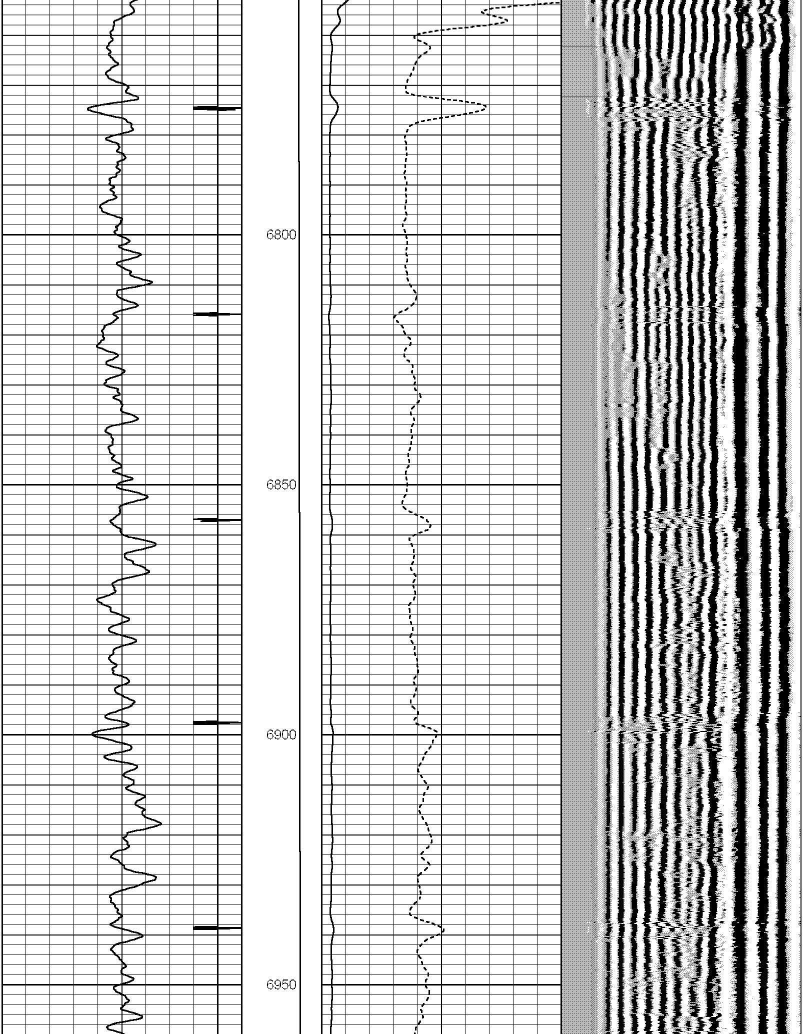


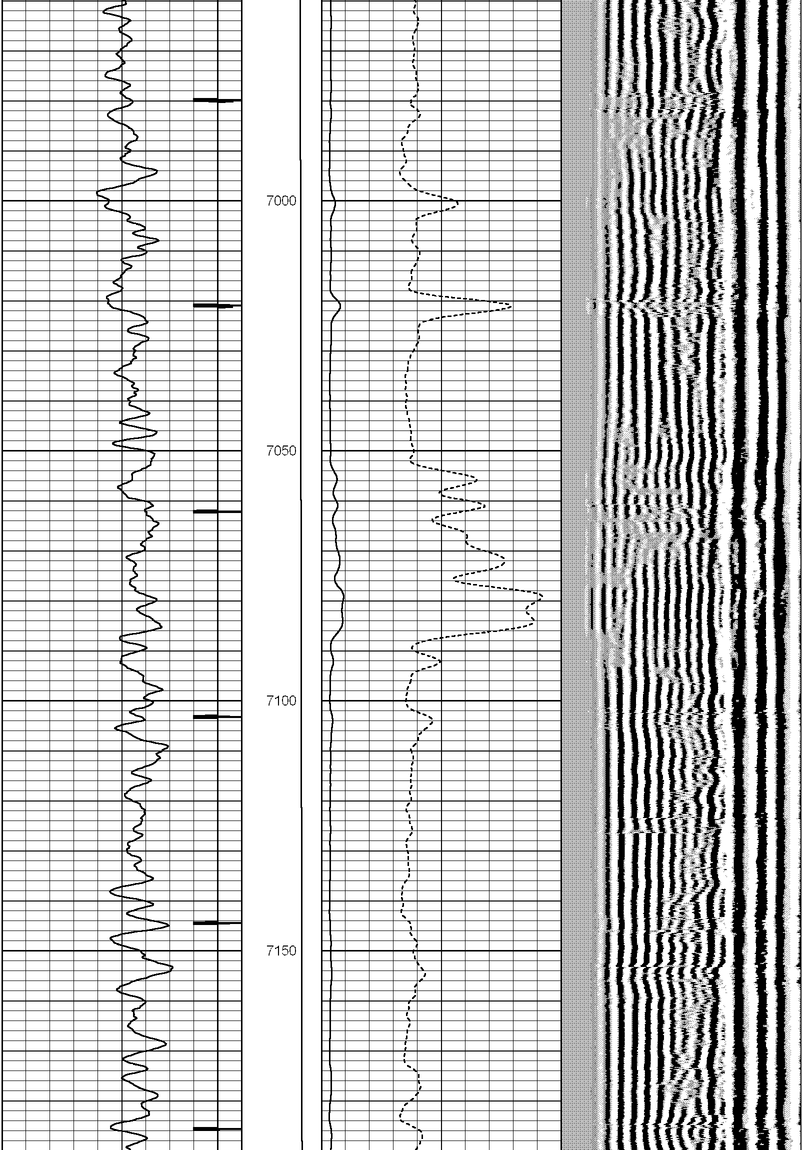


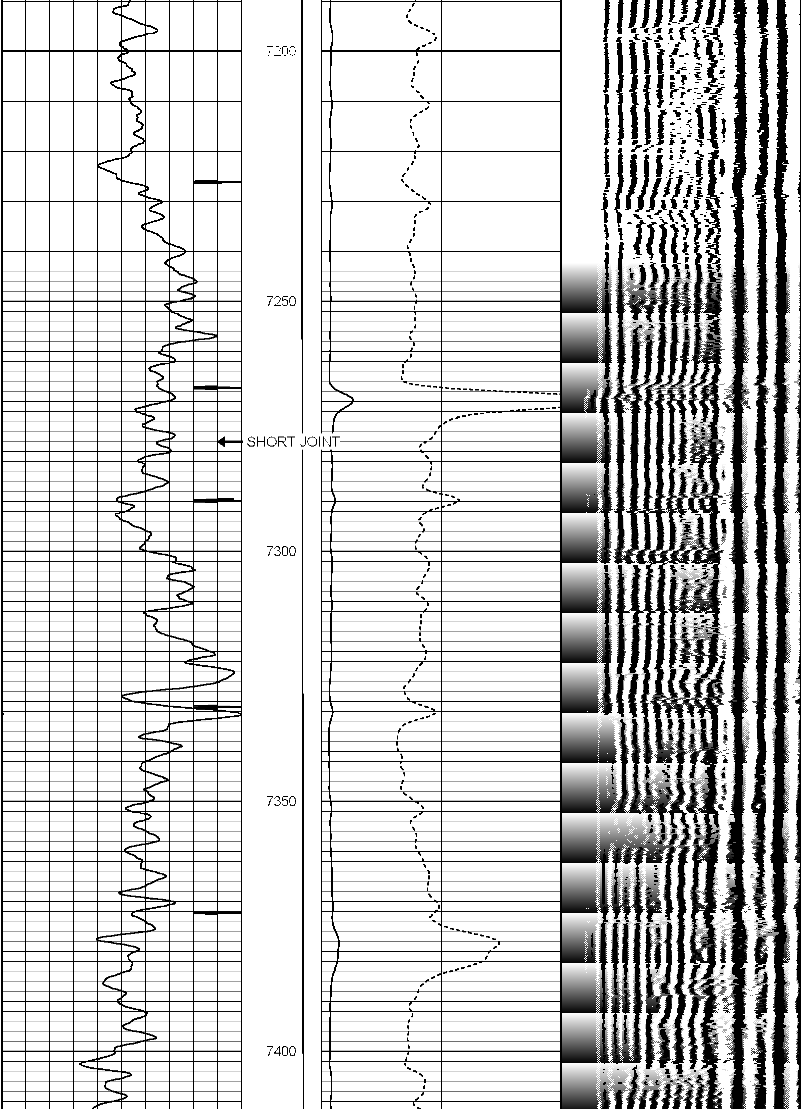


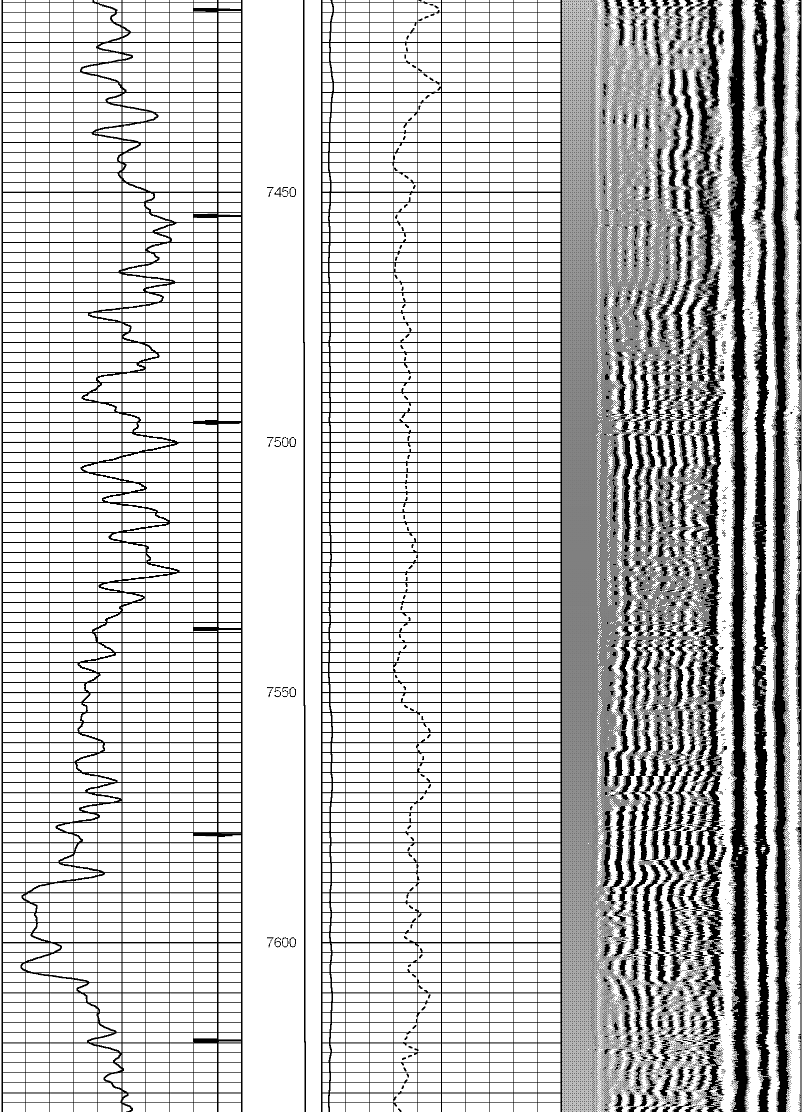


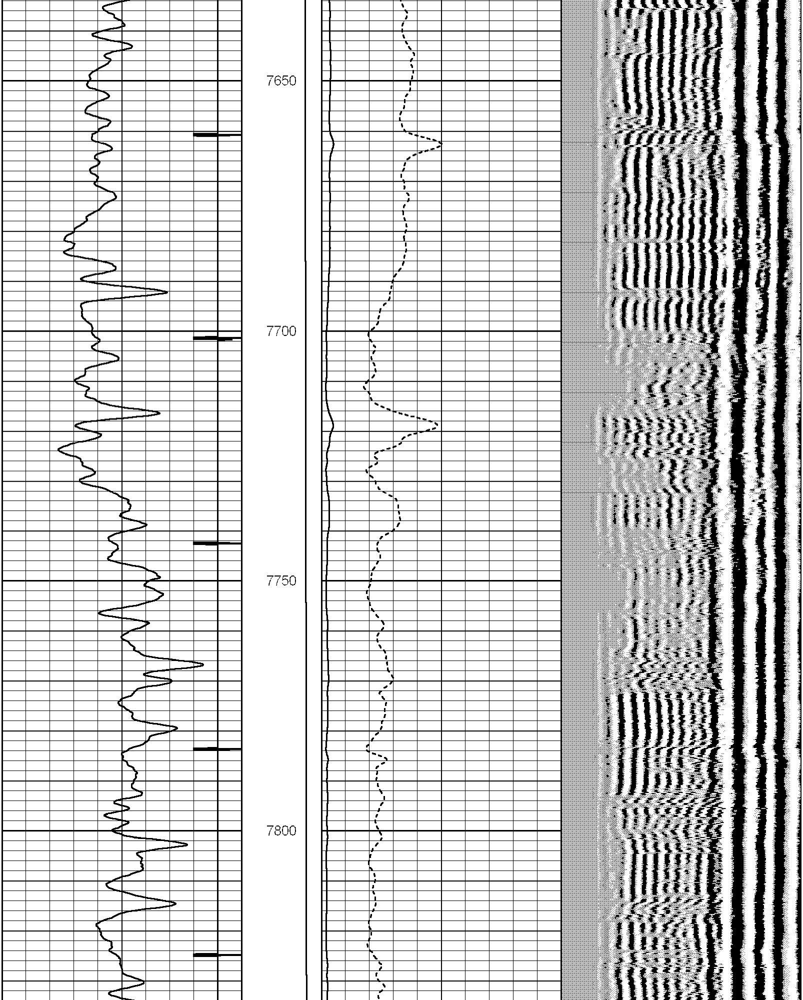


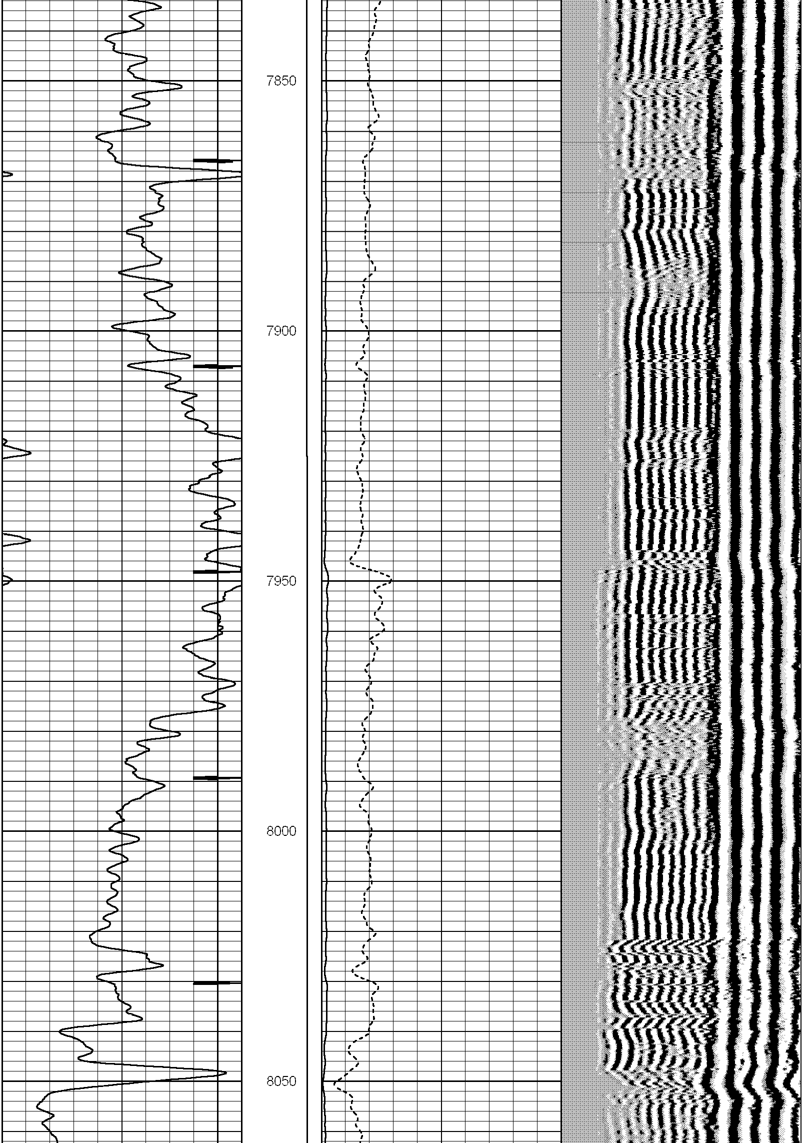


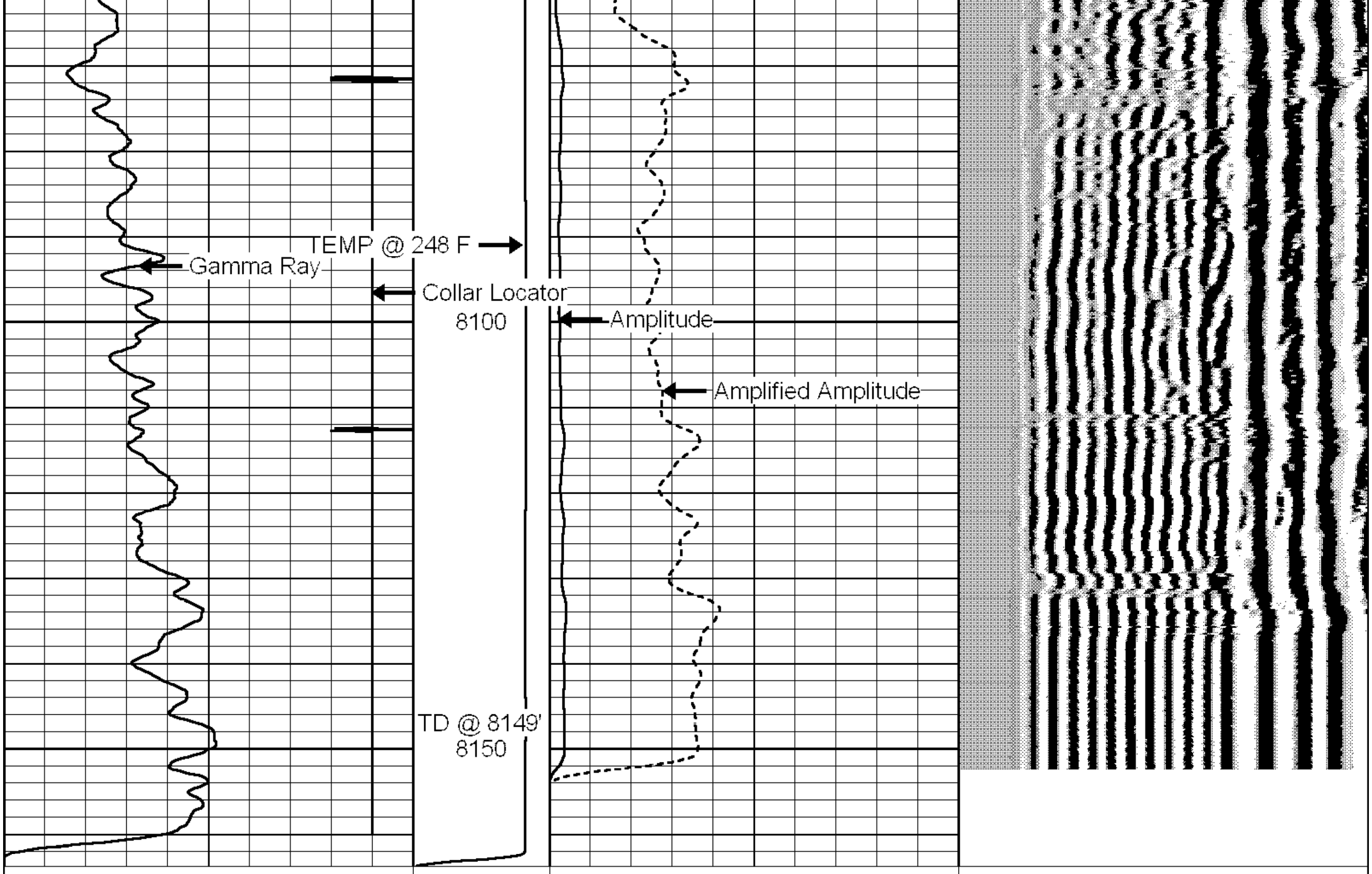












9 Collar Locator -1	TEMP	0 Amplified Amplitude (mV) 10	200 MSG 1200
0 Gamma Ray (GAPI) 200	(degF)	0 Amplitude (mV) 100	
	0 300		

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MAIN PASS

SCALE: 5"=100'

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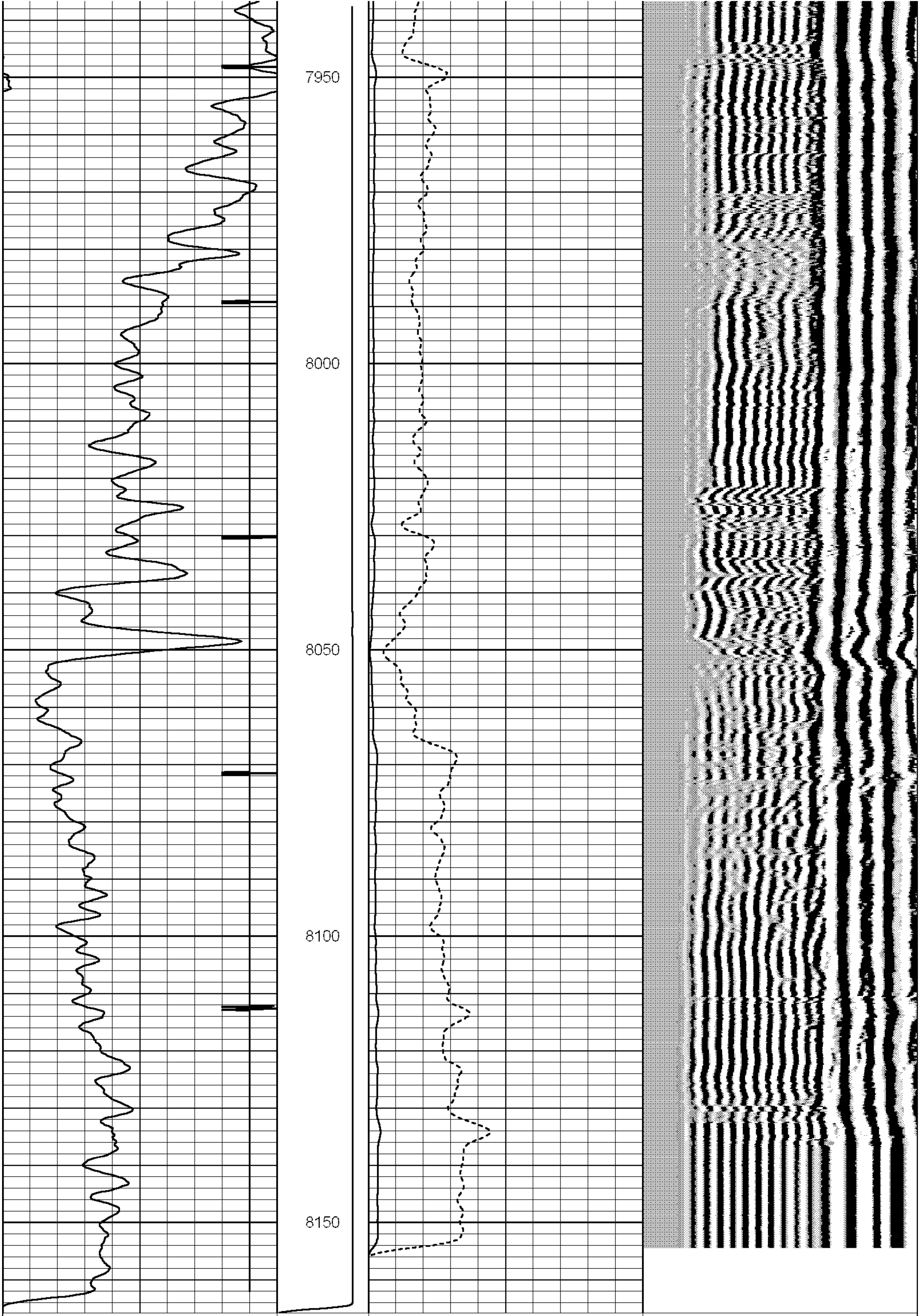
REPEAT PASS

SCALE: 5"=100'

Database File:	encana_edith_ann_8_8_21_cbl.db
Dataset Pathname:	pass5.1
Presentation Format:	jj_cbl
Dataset Creation:	Mon Sep 13 08:37:16 2010 by Calc Halliburton Casedho
Charted by:	Depth in Feet scaled 1:240

9 Collar Locator -1	TEMP	0 Amplified Amplitude (mV) 10	200 MSG 1200
0 Gamma Ray (GAPI) 200	(degF)	0 Amplitude (mV) 100	
	0 300		



9 Collar Locator -1	TEMP	0 Amplified Amplitude (mV) 10	200 MSG 1200
0 Gamma Ray (GAPI) 200	(degF)	0 Amplitude (mV) 100	
	0 300		

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REPEAT PASS

SCALE: 5"=100'

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