HALLIBURTON

CEMENT BOND
GAMMA RAY & CCL
LOG

5'=100FT

Company NOBLE ENERGY INC.
Well ELISE STATE C24-21
Field WATTENBERG
County WELD State CO.

Company	NOBLE ENERGY INC.
Well	ELISE STATE C24-21
Field	WATTENBERG
County	WELD
State	CO.

API No.: 05-123-25702 Serv #:
Location: 2552'FNL & 2500'FEL
SW/SE

Sec: 24 Twp: 4N Rge: 64W

Other Services

Permanent Datum	G.L.	Elevation	4677'
Log Measured From	K.B. , 13 Ft. above perm. datum		
Drilling Measured From	K.B.		

Elevation
K.B. 4690'
D.F. 4690'
G.L. 4677'

Date @ Time Logged	04-24-08 @ 08:30AM	Type Fluid in Hole	WATER
Run No.	ONE	Density of Fluid	8.34#
Depth - Driller	6871'	Fluid Level	FULL
Depth - Logger	6860'	Cement Top Est. Logged	2230'
Bottom - Logged Interval	6857'	Equipment / Location	10026058 / CASPER
Top - Log Interval	1950'	Recorded by	HAINES/BILEK
Max. Recorded Temp.	N/A\	Witnessed by	SCOTT ARMSTRONG

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

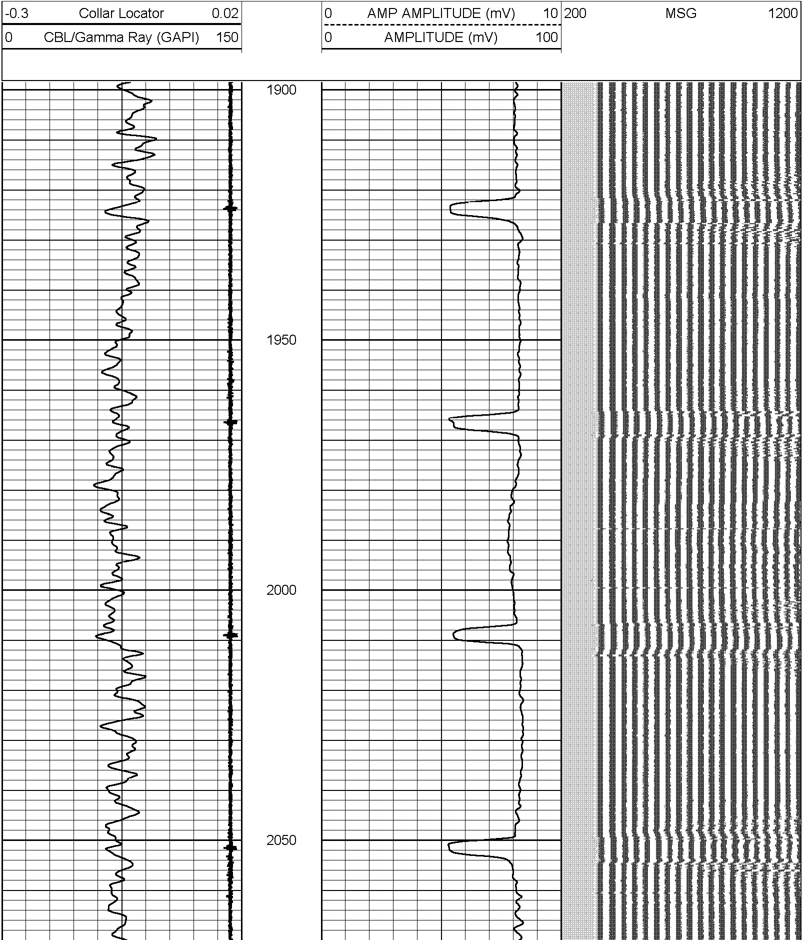
LOG WAS CORRELATED TO COMPENSATED DENSITY & COMPENSATED NEUTRON LOG RAN BY PHOENIX SURYS INC ON 04-16-08.
YOUR CREW TODAY WAS B.MORGAN & C.BILEK.

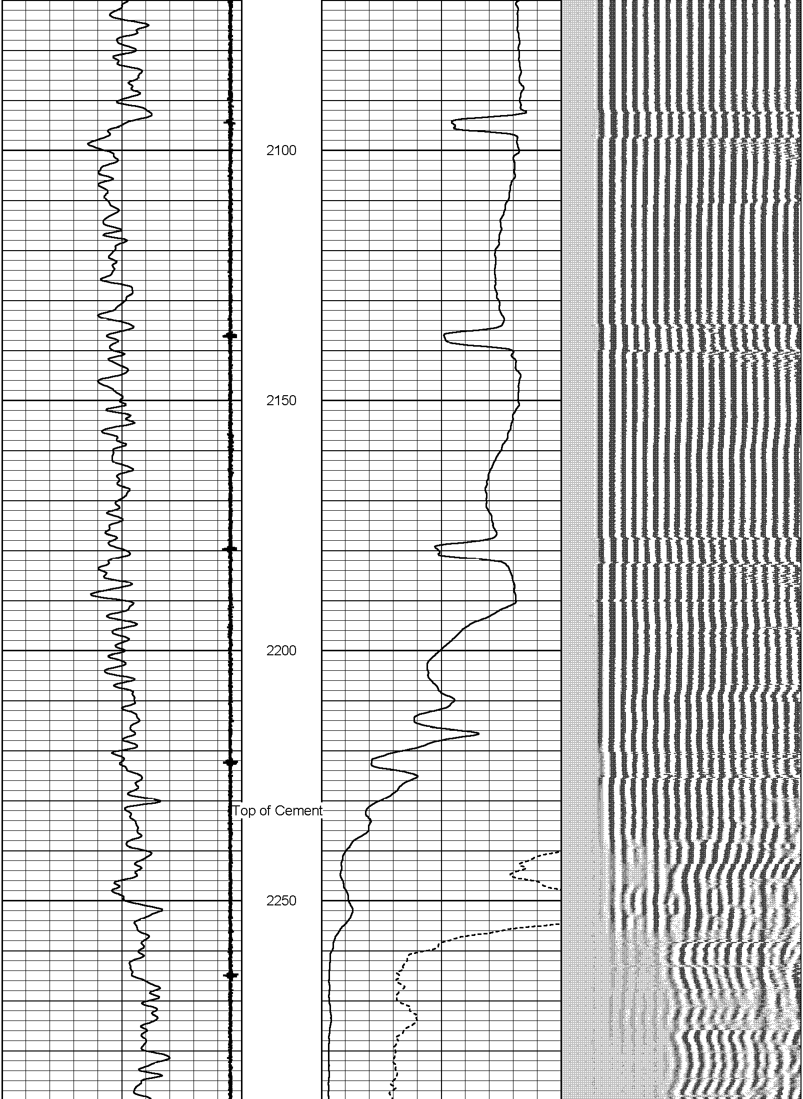
HALLIBURTON

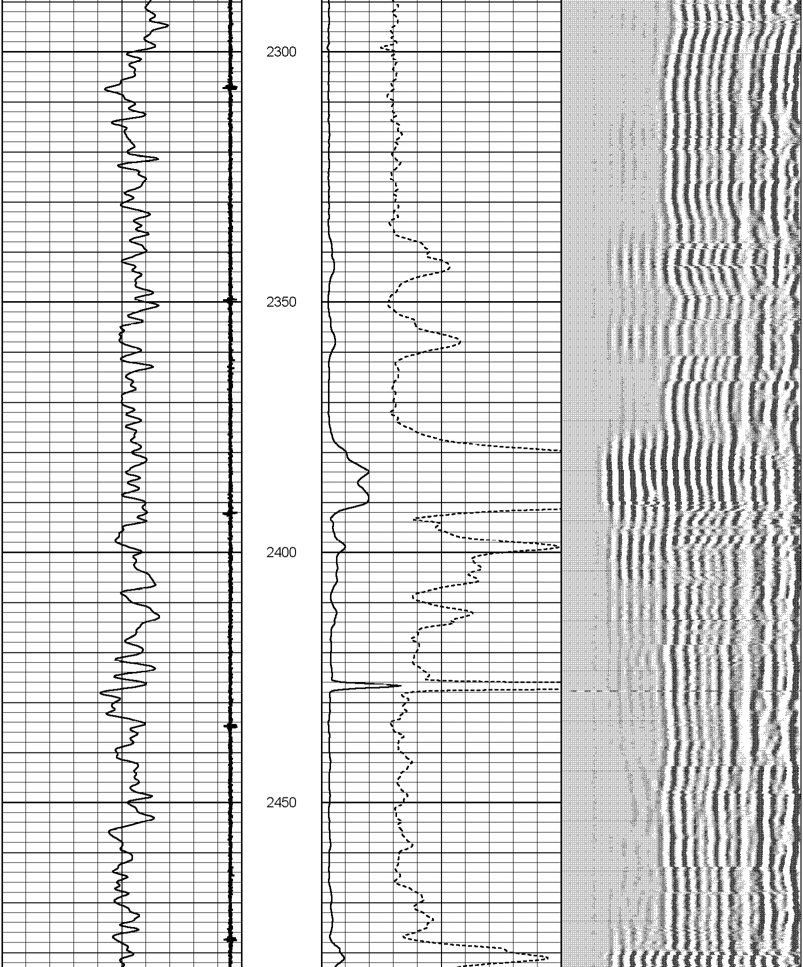
SUSSEX LOG

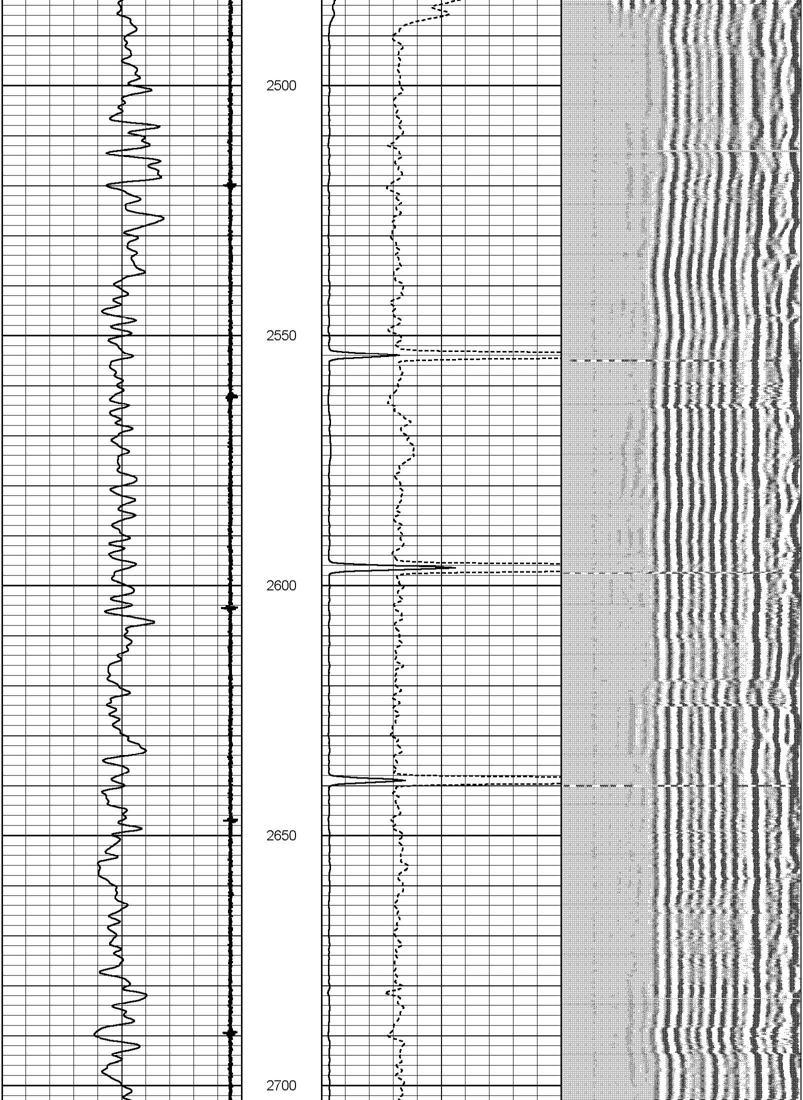
5"=100FT

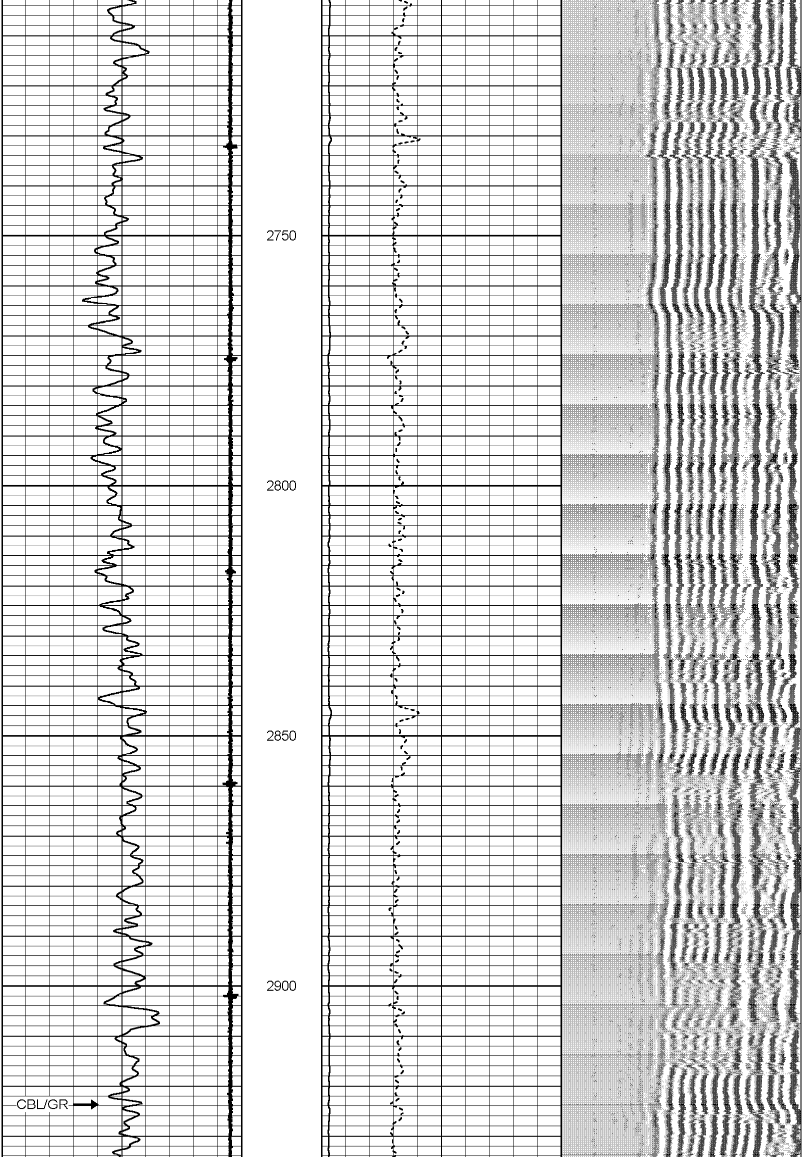
Database File: noble-energy.db
Dataset Pathname: pass7
Presentation Format: cbl_drs
Dataset Creation: Wed Apr 23 21:29:39 2008 by Log Halliburton Casedho
Charted by: Depth in Feet scaled 1:240

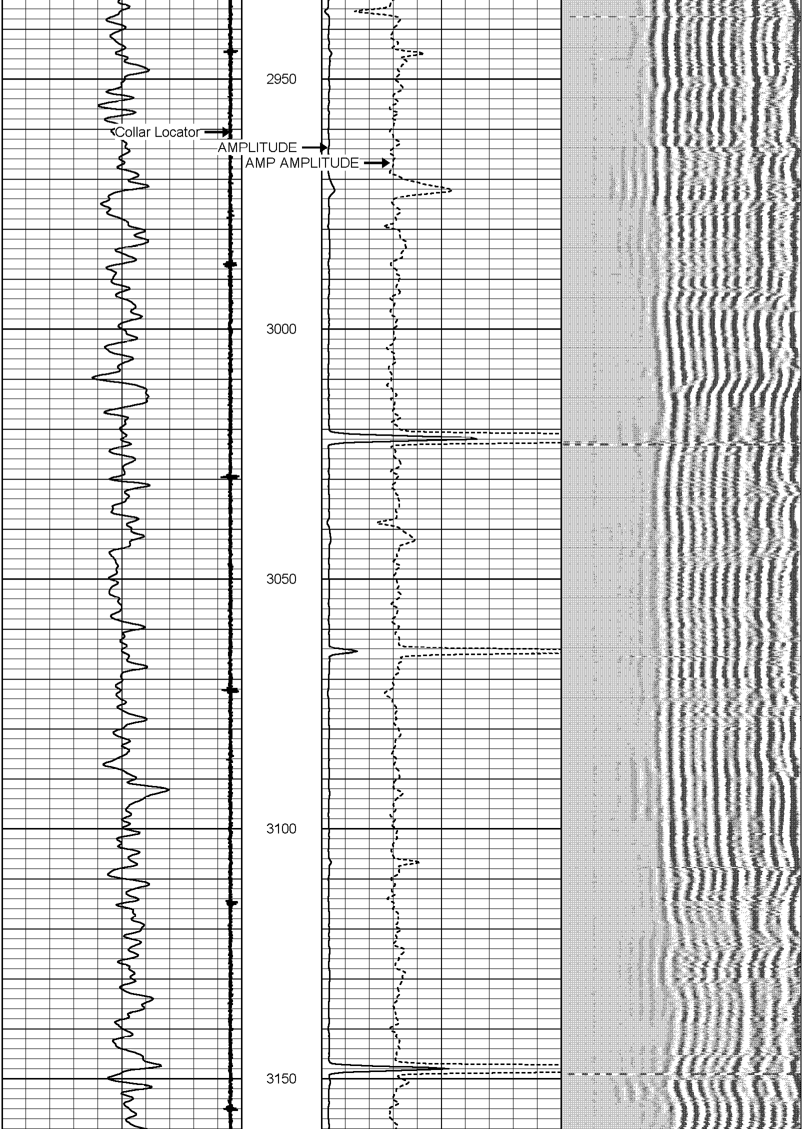


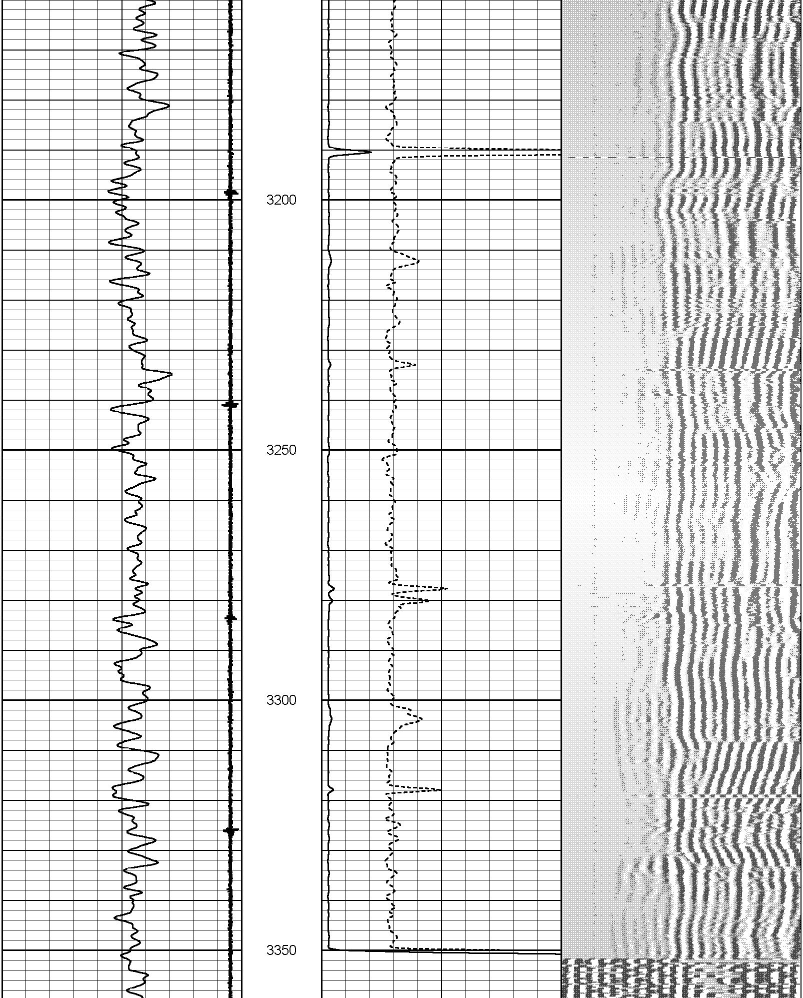


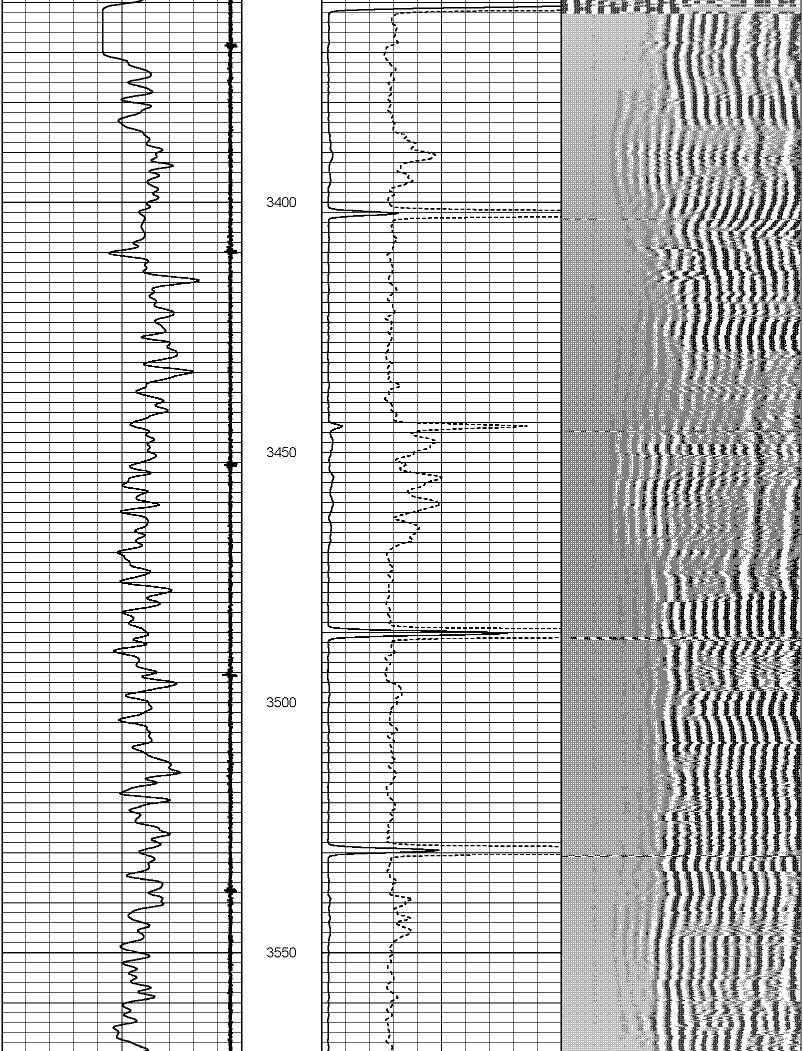


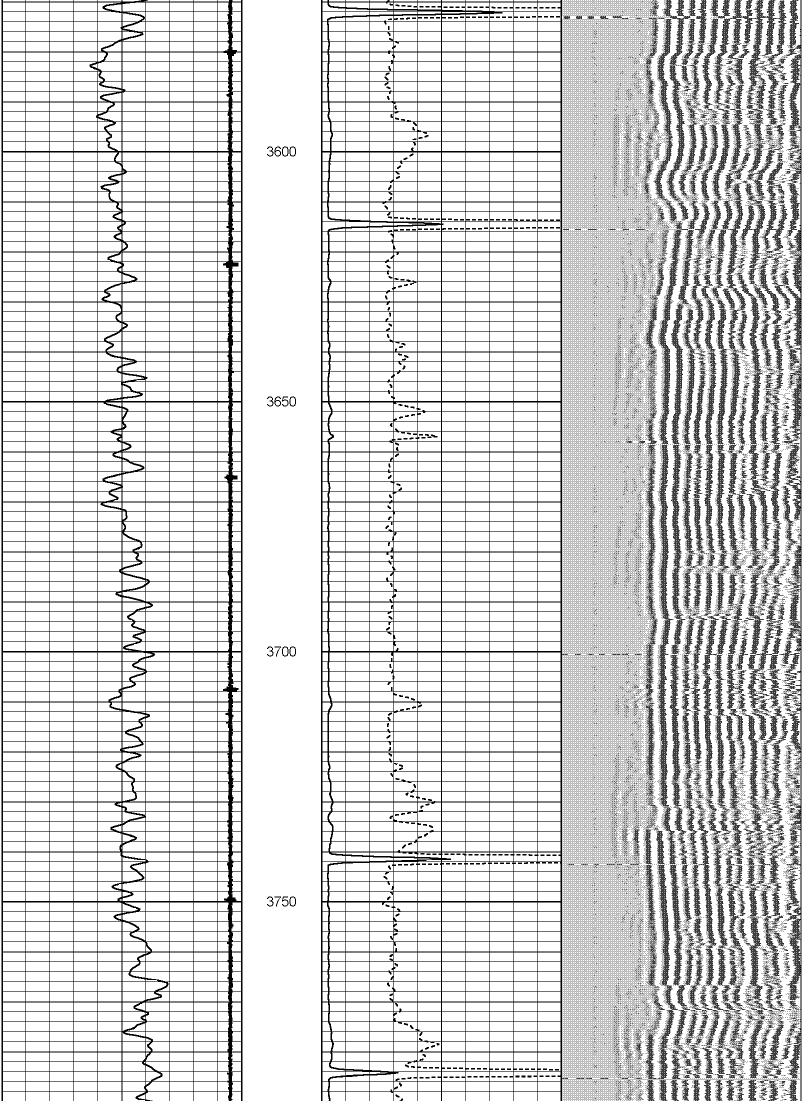


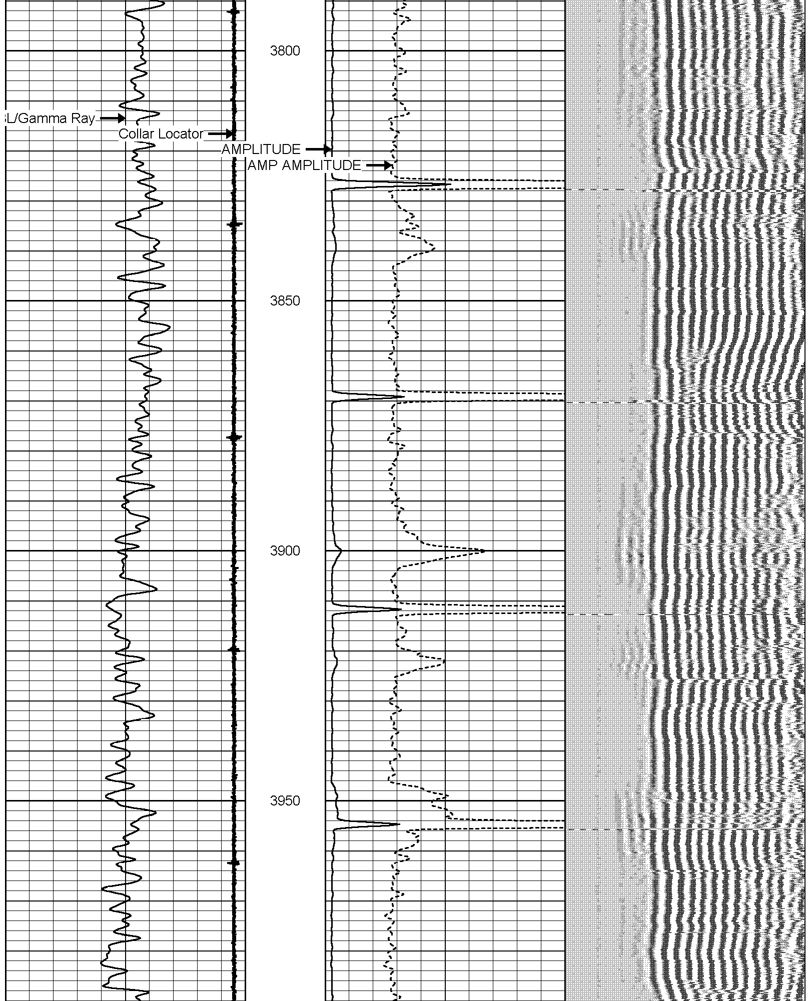


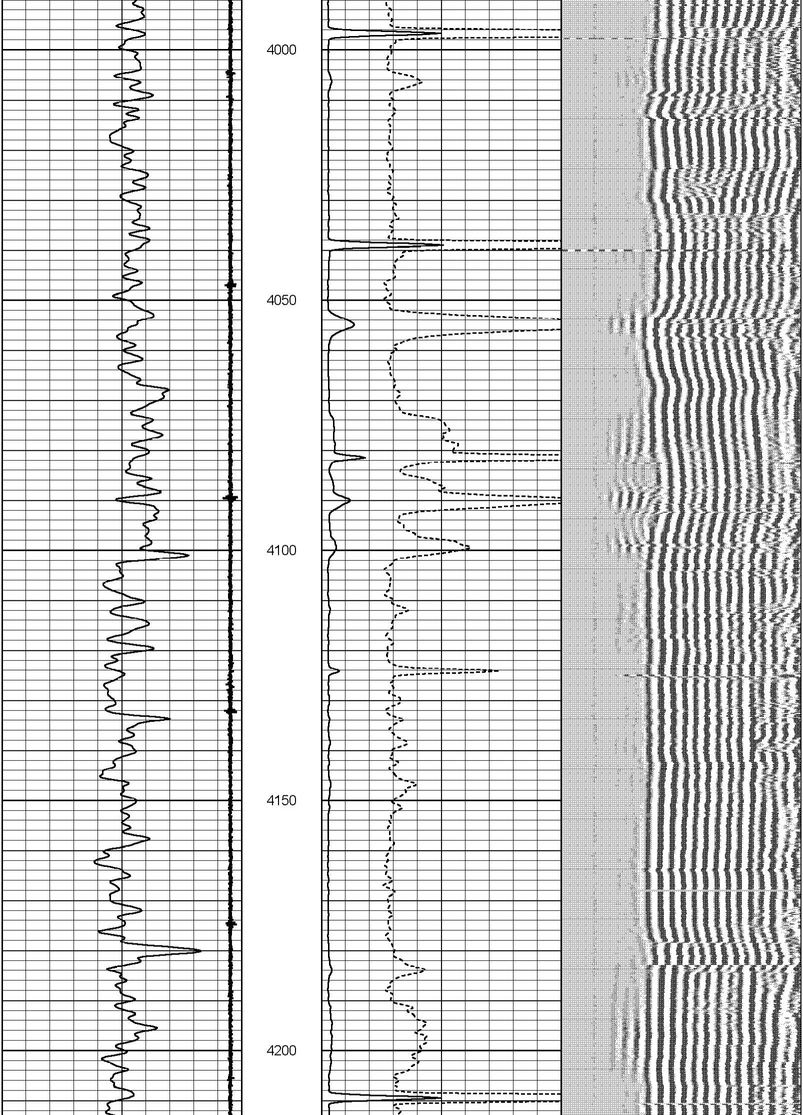


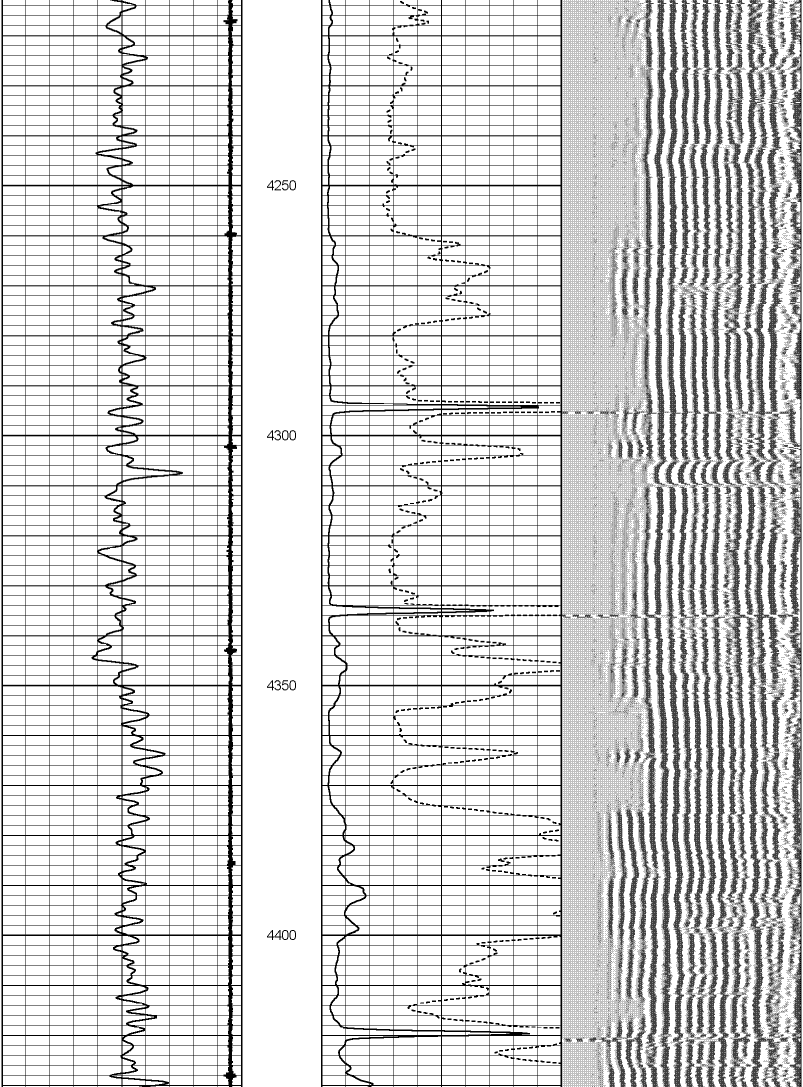


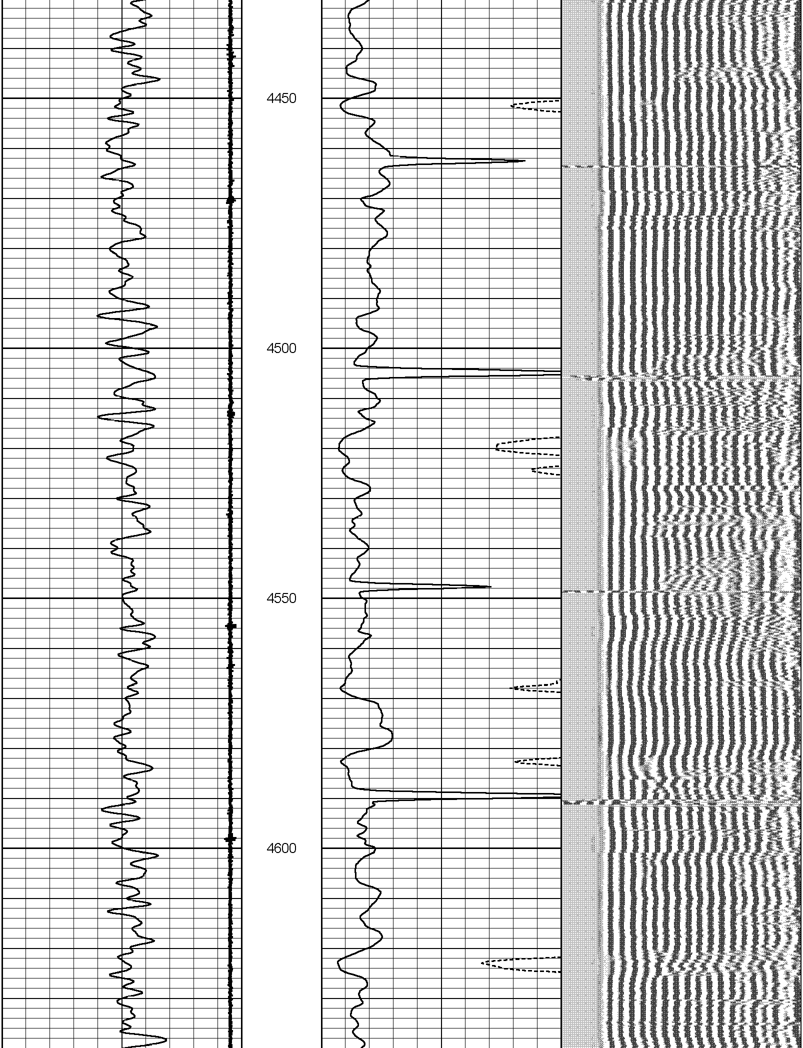


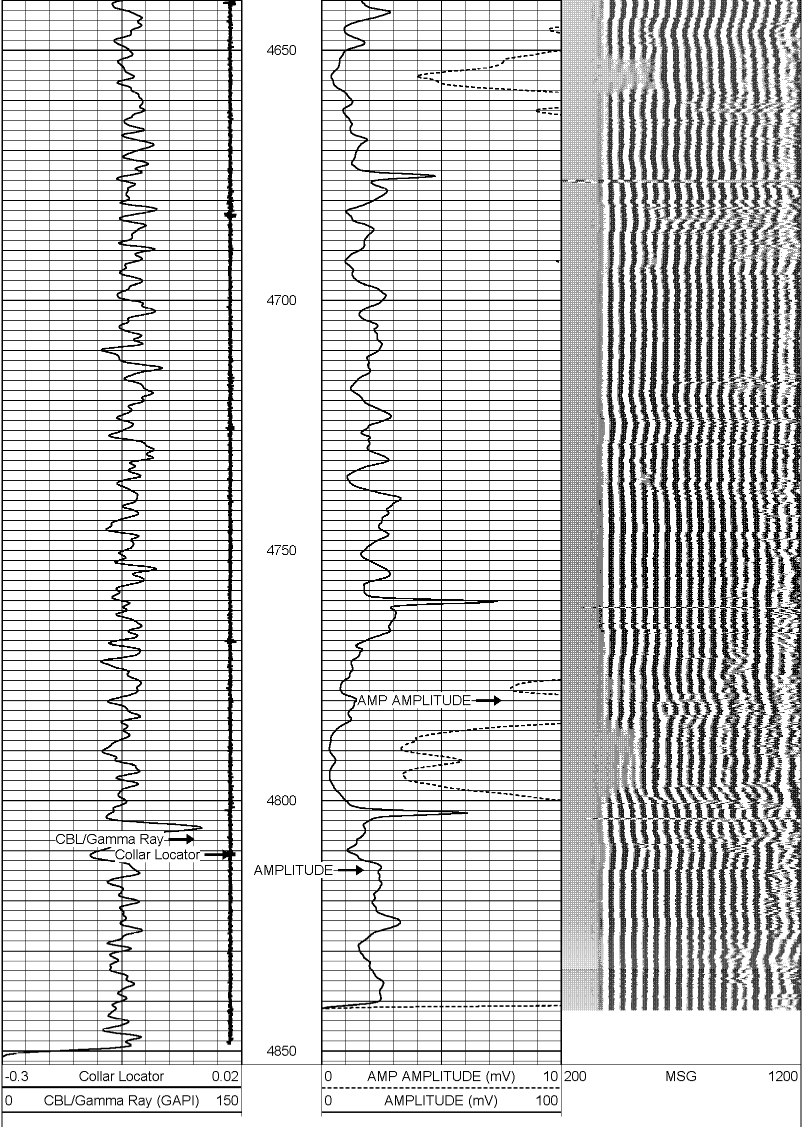












HALLIBURTON

SUSSEX LOG

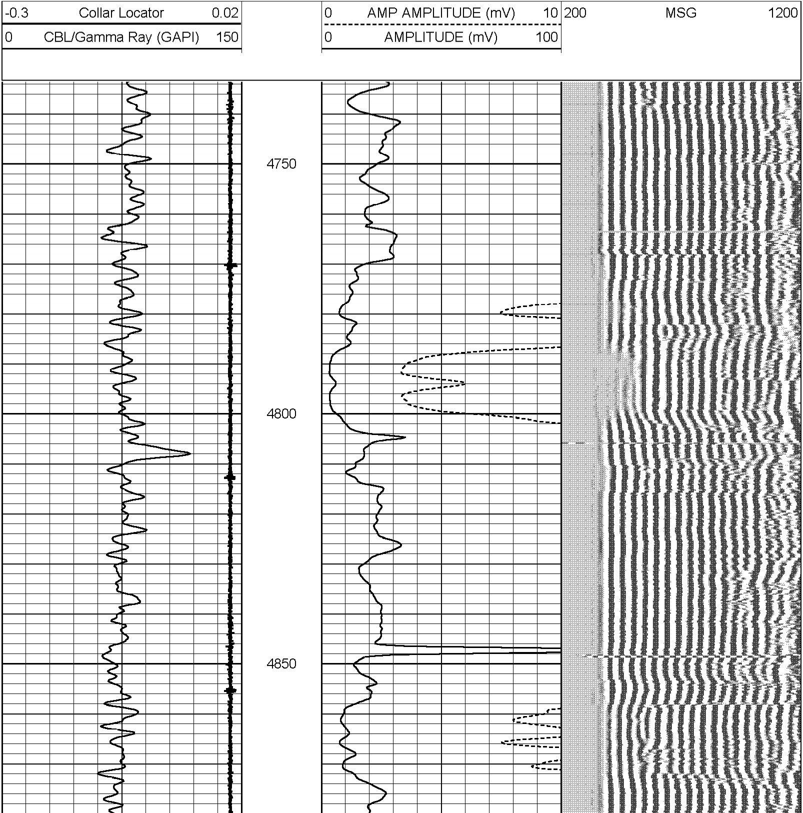
5"=100FT

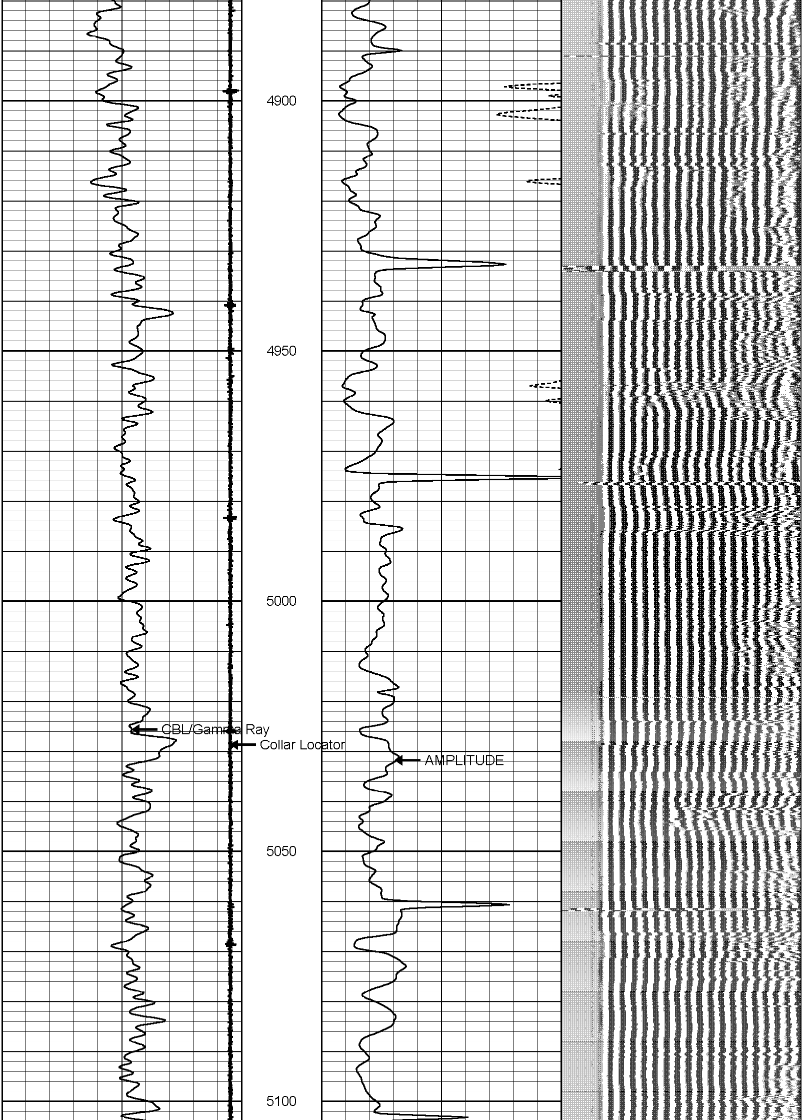
HALLIBURTON

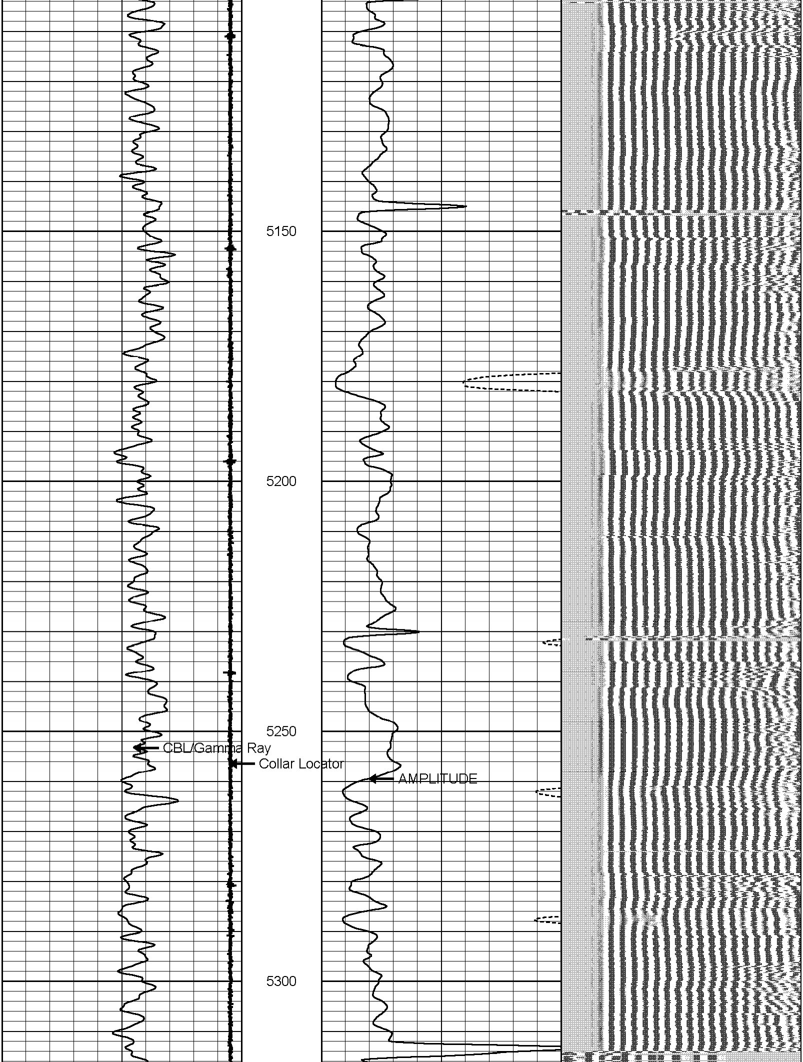
MAIN LOG

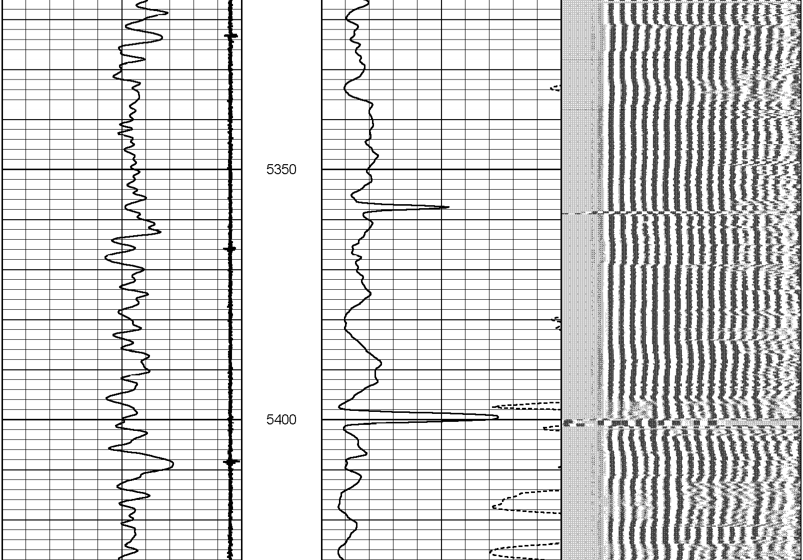
5'=100FT

Database File:	noble-energy.db
Dataset Pathname:	pass6
Presentation Format:	cbl_drs
Dataset Creation:	Wed Apr 23 20:59:51 2008 by Log Halliburton Casedho
Charted by:	Depth in Feet scaled 1:240









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MAIN LOG

5"=100FT

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Field WATTENBERG
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State CO.

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