



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

**COMPENSATED
DENSITY/NEUTRON
PE LOG**

Company		VINCENT OIL CORPORATION	
Well		BORDEN TRUST #1-33	
Field		WILDCAT	
County		FORD	
State		KANSAS	
Location:		API # : 15-057-20900-0000 1035' FNL & 2083' FEL	
Permanent Datum		GROUND LEVEL	
Log Measured From		Elevation 2584	
Drilling Measured From		KELLY BUSHING 10' A.G.L.	
SEC 33 TWP 29S RGE 24W		Other Services DIL/MEL SONIC	
Elevation		K.B. 2594 D.F. 2592 G.L. 2584	
Date	7/2/13		
Run Number	ONE		
Depth Driller	5490		
Depth Logger	5492		
Bottom Logged Interval	5468		
Top Log Interval	4200		
Casing Driller	8 5/8" @ 650'		
Casing Logger	648		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	8.9/65	CHLORIDES 12000 PPM	
pH / Fluid Loss	10.0/10.0		
Source of Sample	FLOWLINE		
Rin @ Meas. Temp	.45 @ 89F		
Rinf @ Meas. Temp	.33 @ 89F		
Rinc @ Meas. Temp	.54 @ 89F		
Source of Rinf / Rinc	MEASURED		
Rin @ BHT	.31 @ 129F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	129F		
Equipment Number	680		
Location	HAYS, KS.		
Recorded By	JASON CAPPELLUCCI		
Witnessed By	JIM HALL		

<<< 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 USING NABORS COMPLETION & PRODUCTION SVCS. (785) 628-6395

DIRECTIONS:
BLOOM, KS. - 2 1/2 W. ON YUCCA RD. - S. INTO

Database File:

011266pe.db

Dataset Pathname:

pass5.1

Presentation Format:

_ldt_neu

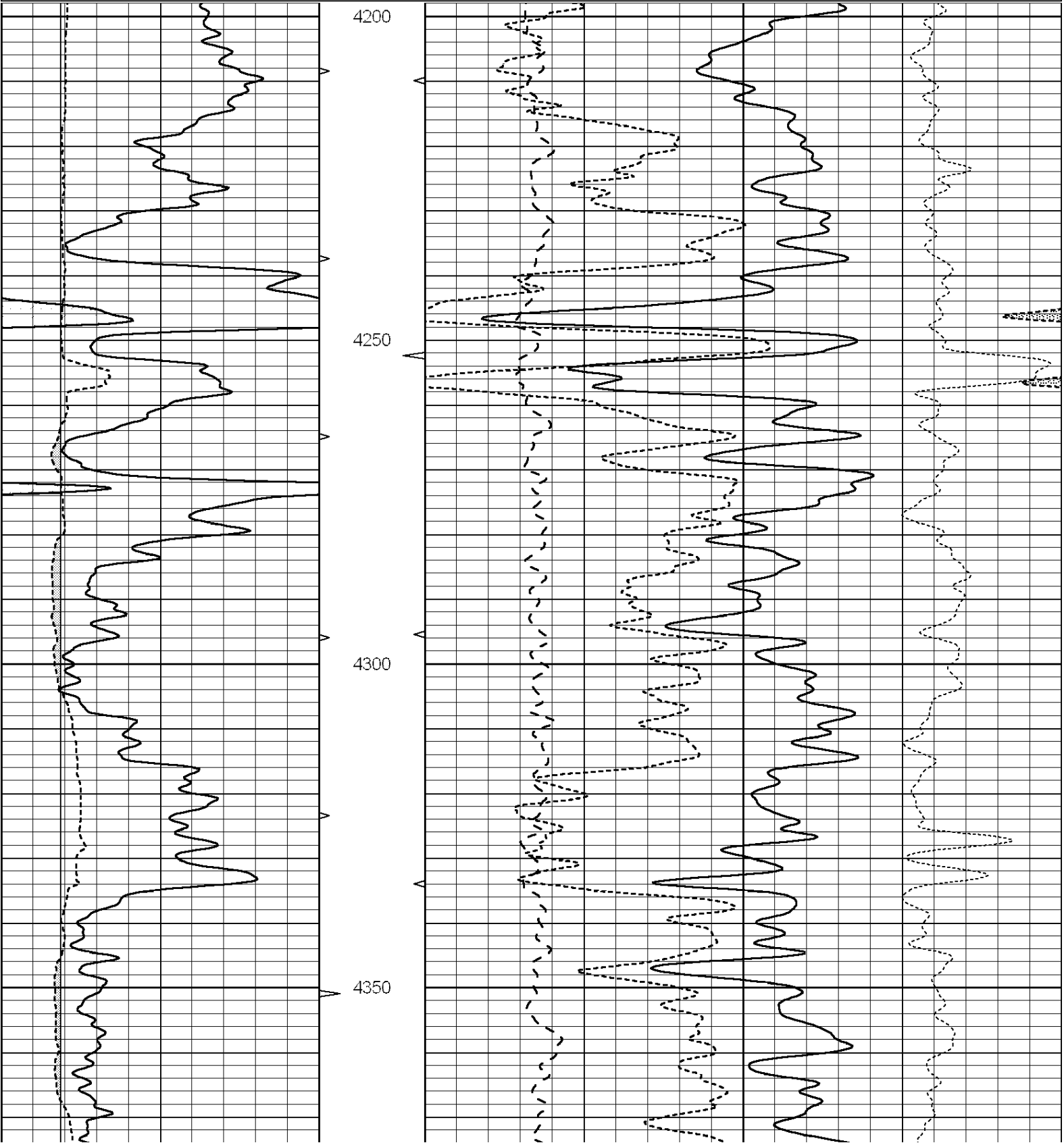
Dataset Creation:

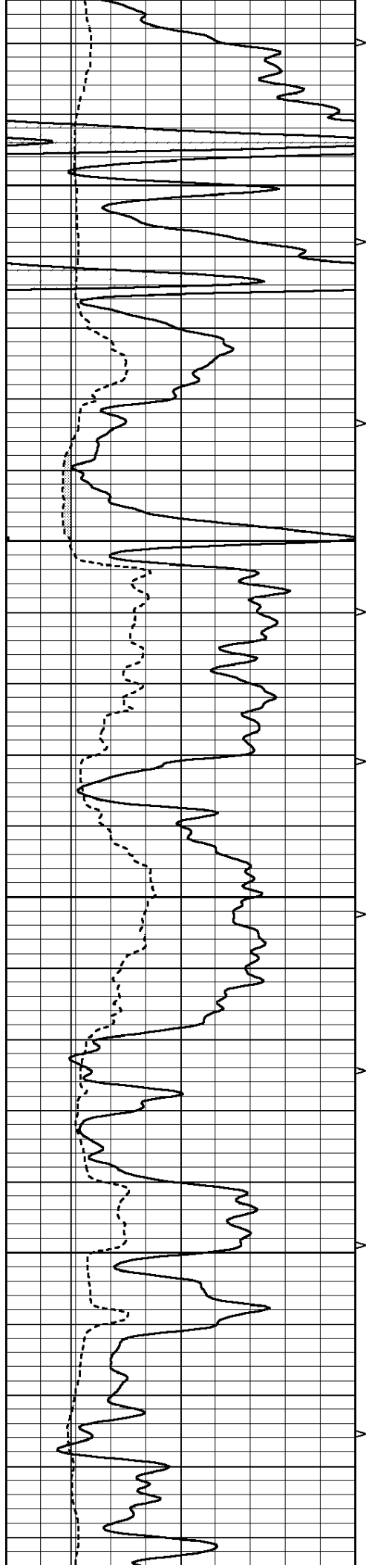
Tue Jul 02 01:31:30 2013 by Calc Open-Cased 090629

Charted by:

Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)			-10	
6	CALIPER (in)	16	10 (ft3)	0	30	COMPENSATED NEUTRON (pu)			-10
			TBHV	0	PE	10	-0.25	CORRECTION (g/cc)	0.25
			0 (ft3)	10					



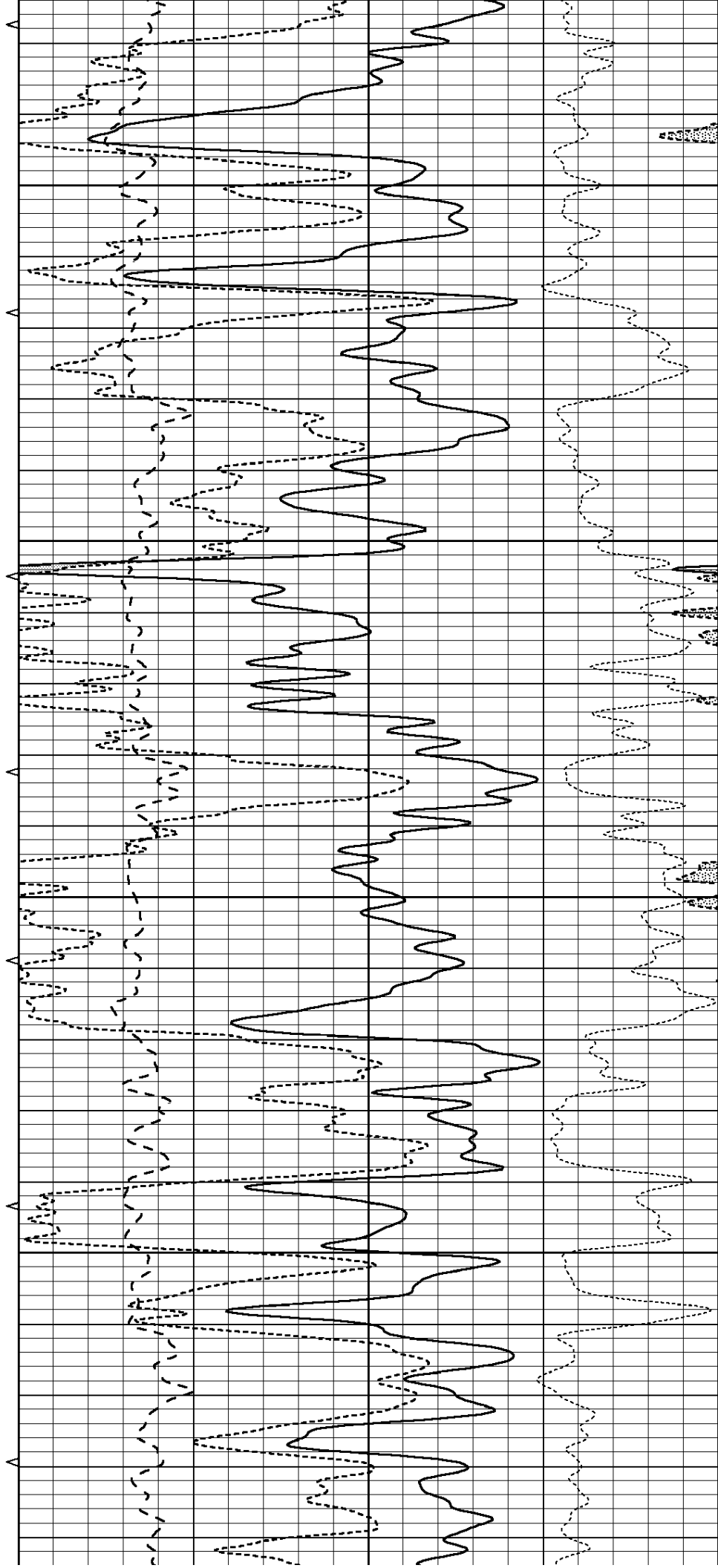


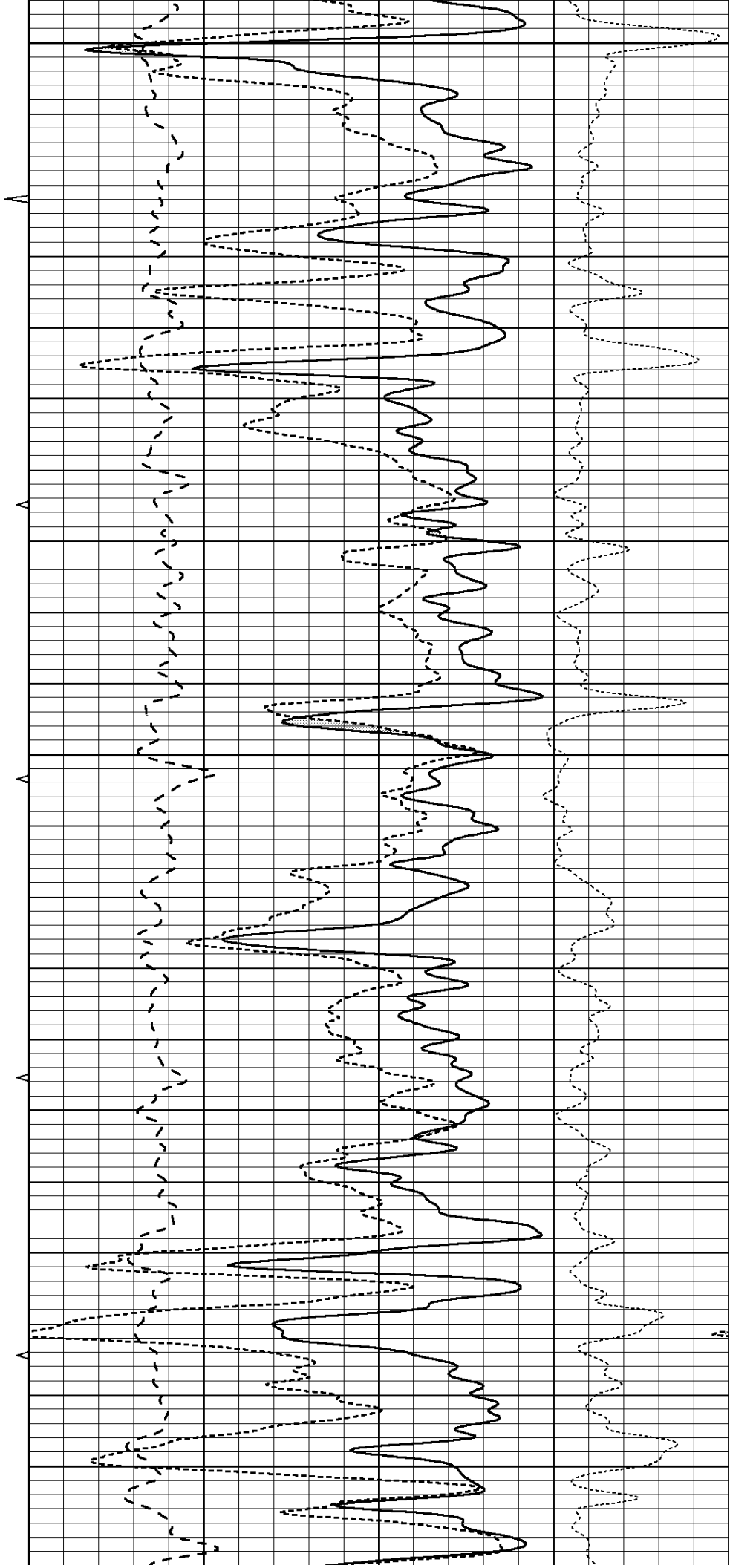
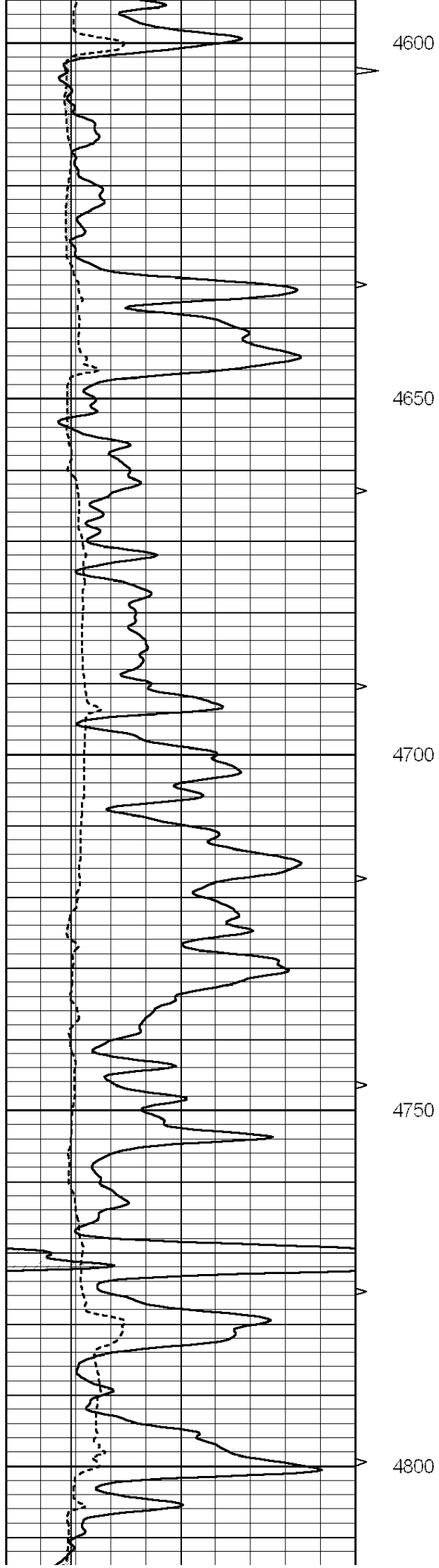
4400

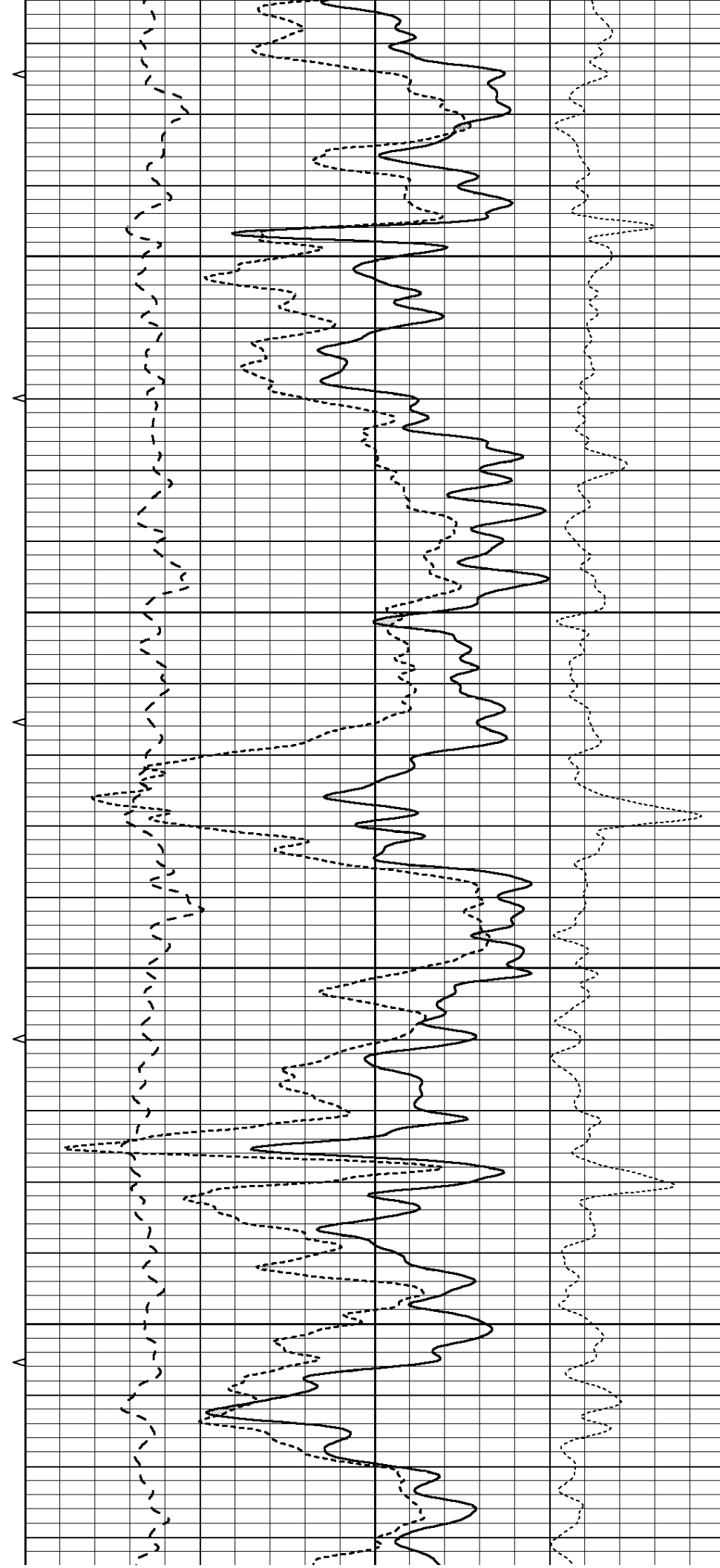
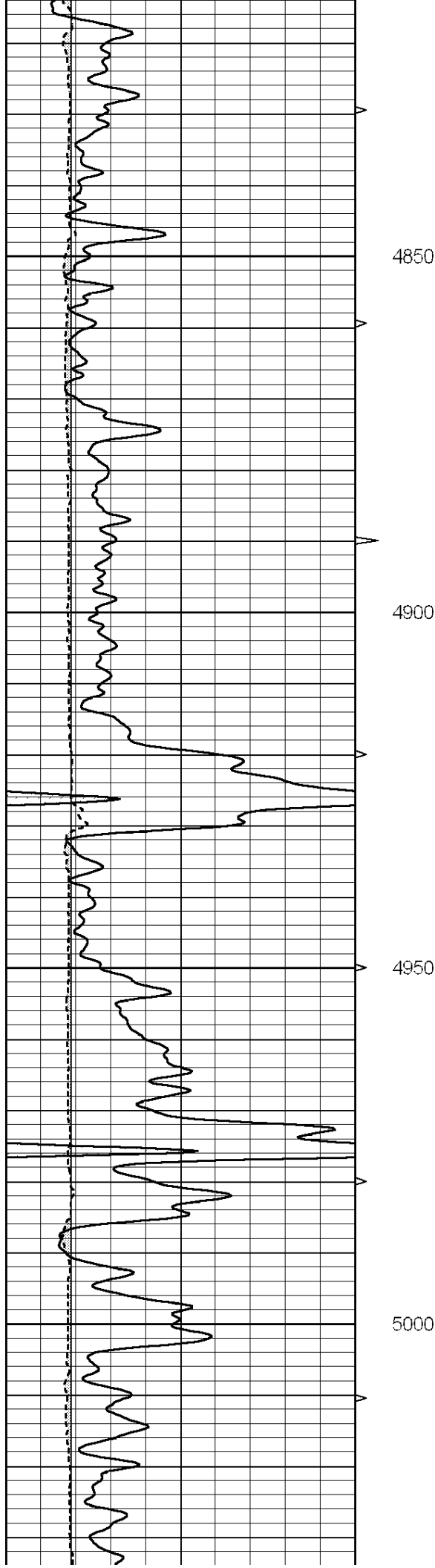
4450

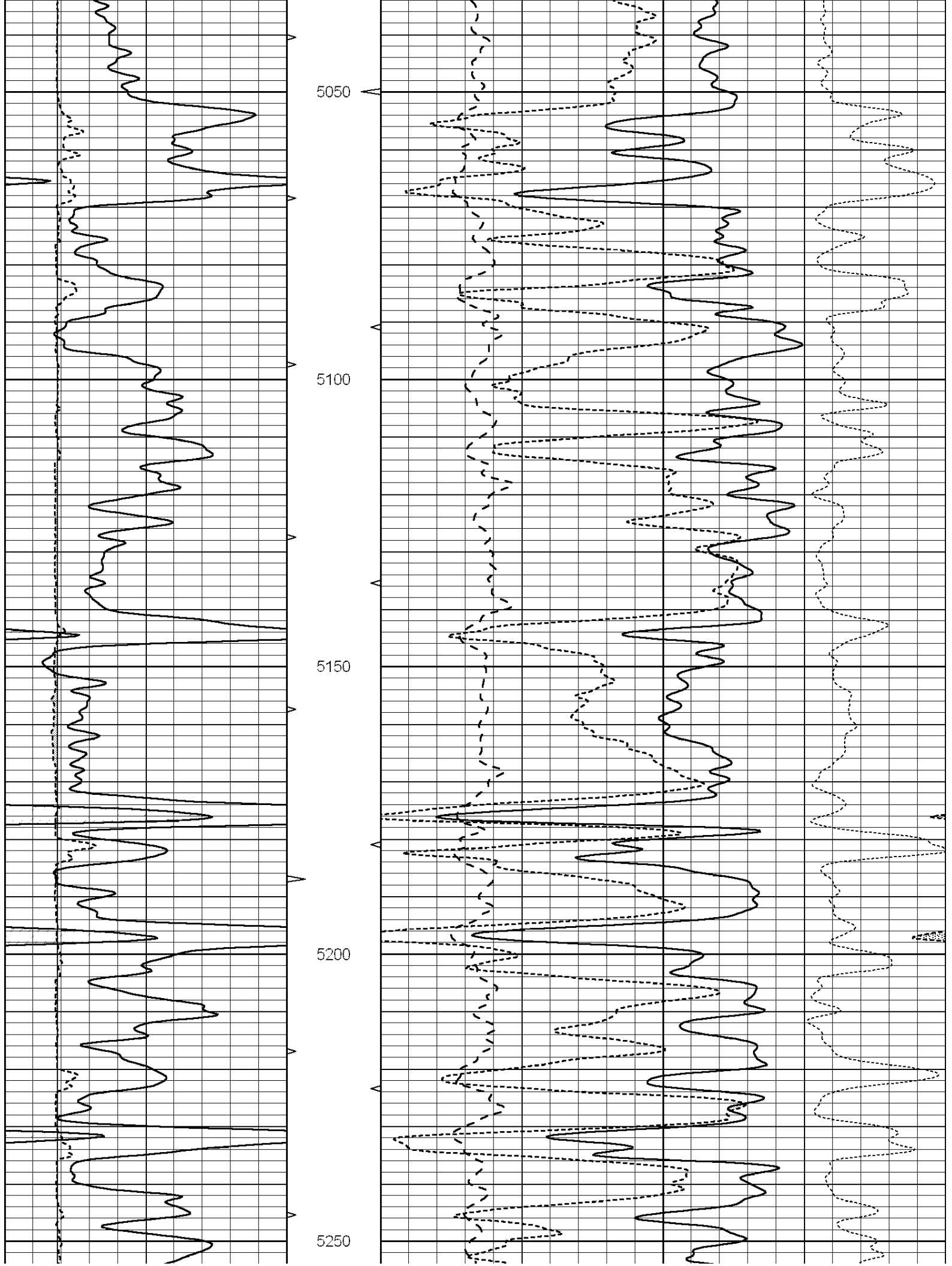
4500

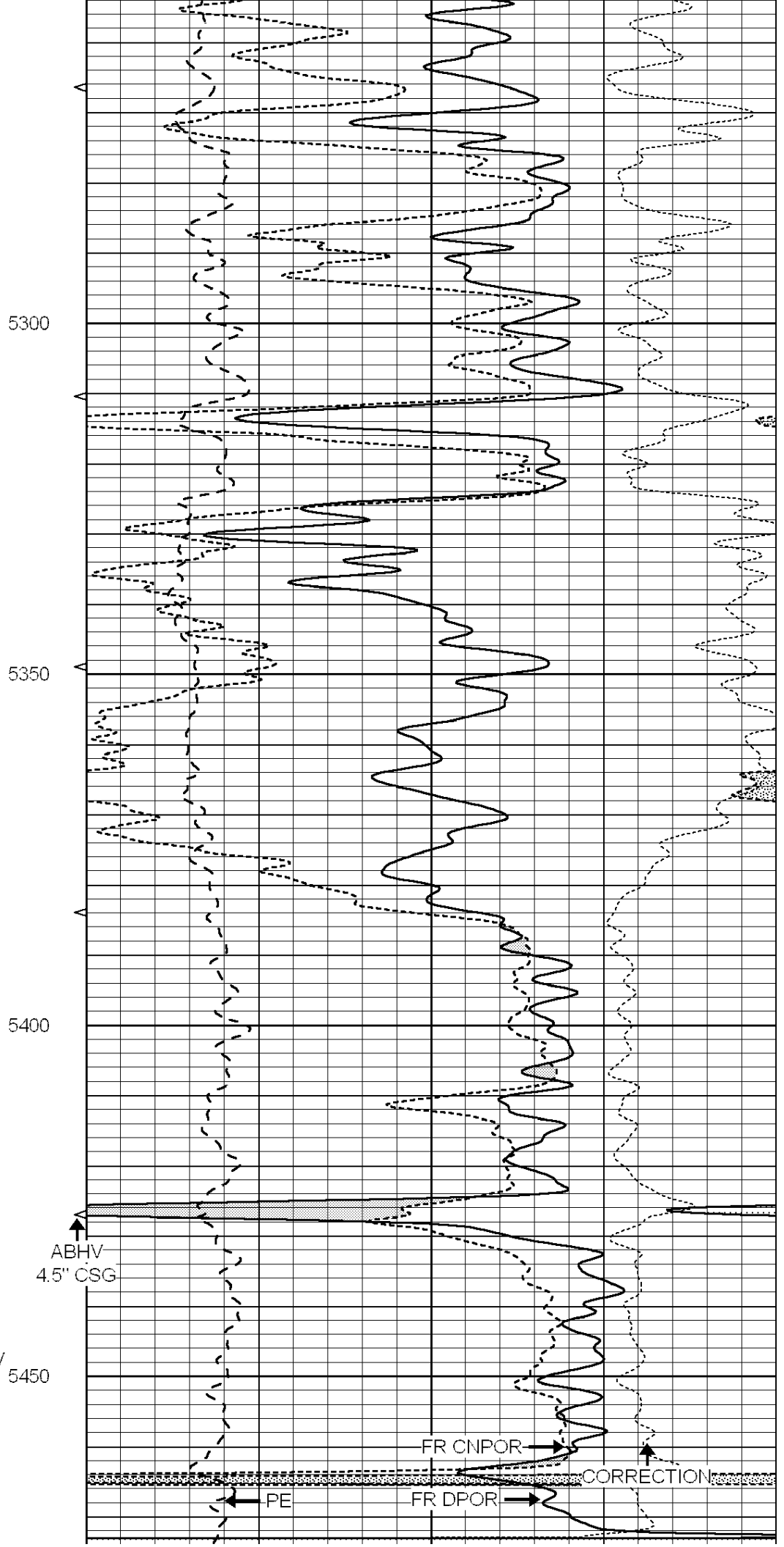
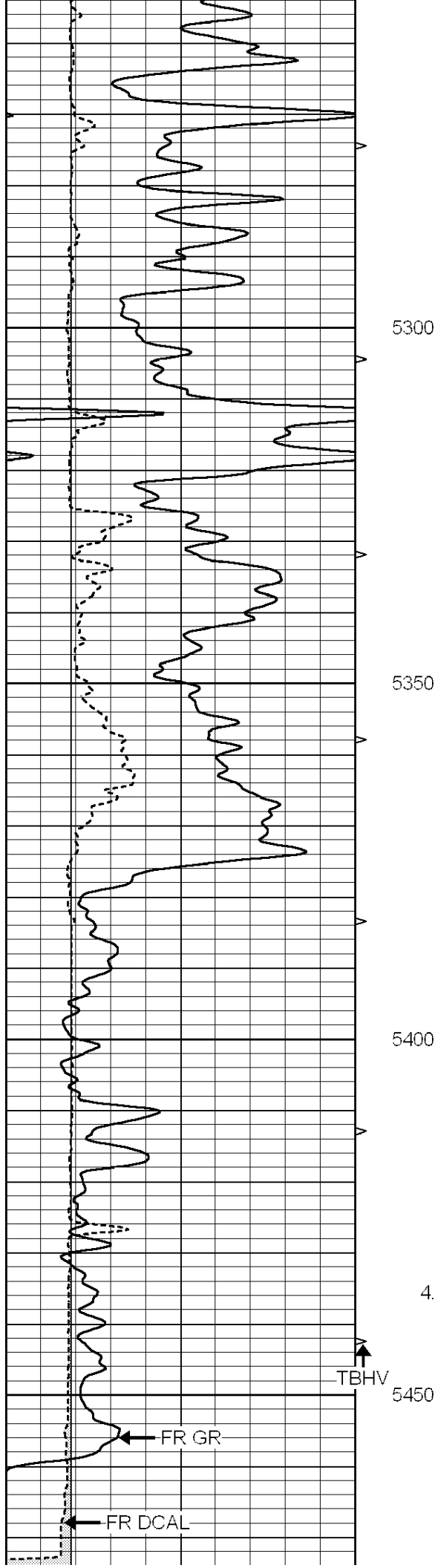
4550











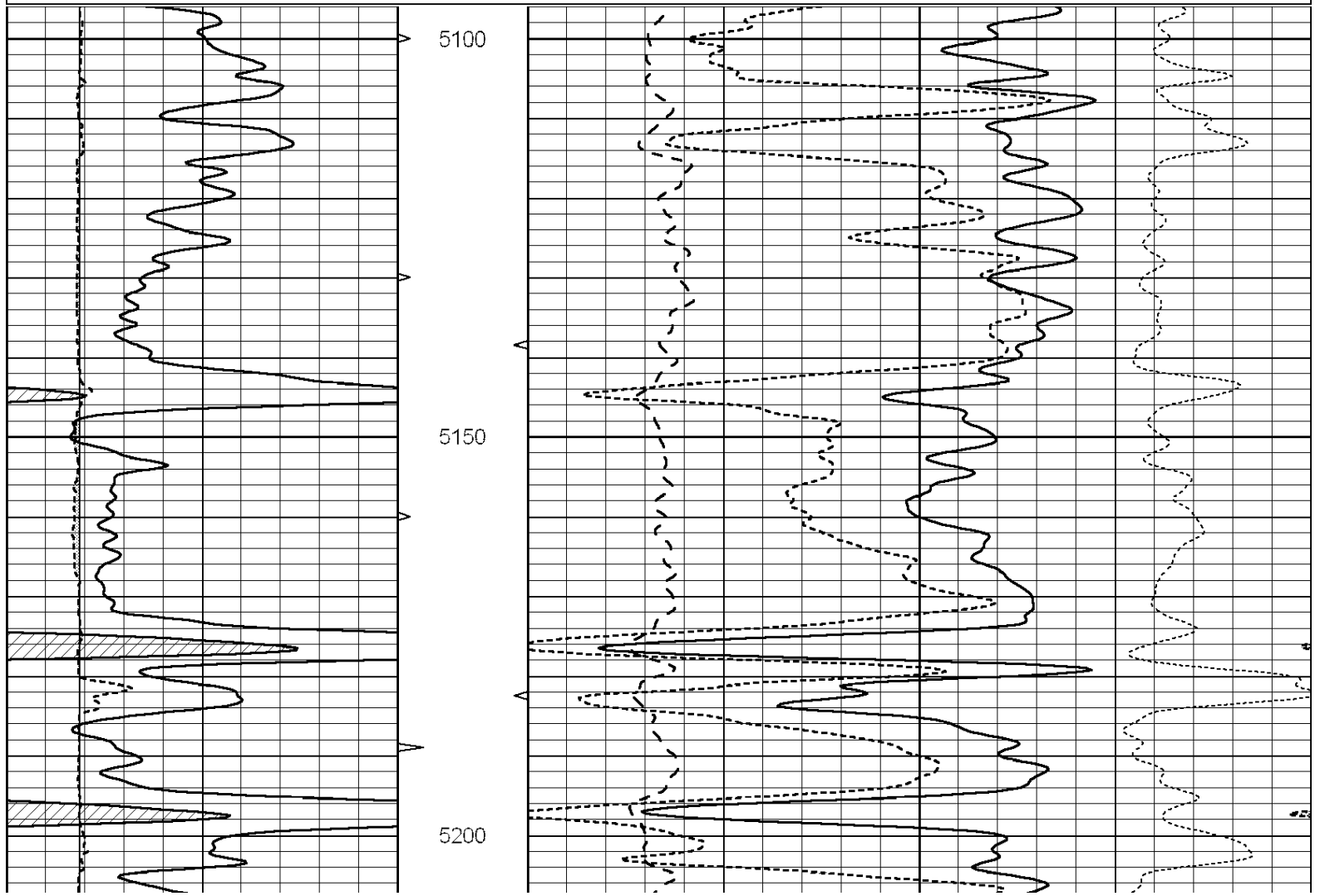
			LTD 5492	2.71 LIMESTONE MATRIX														
0	GAMMA RAY (GAPI)		150	ABHV	30	COMPENSATED DENSITY (pu)					-10							
6	CALIPER (in)		16	10 (ft3)	0	30	COMPENSATED NEUTRON (pu)					-10						
				TBHV	0	PE	10	-0.25	CORRECTION (g/cc)					0.25				
				0 (ft3)	10													

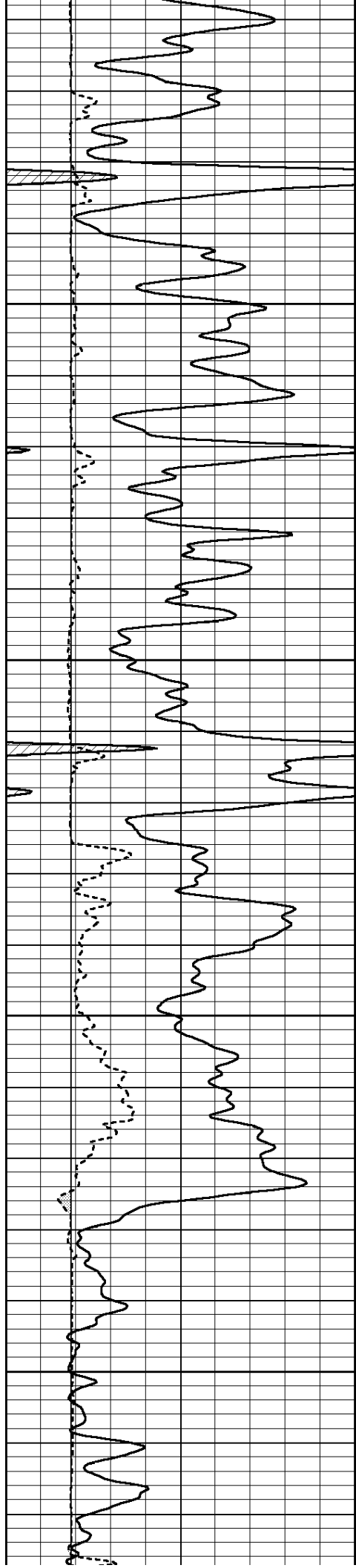

NABORS
 COMPLETION
 & PRODUCTION
 SERVICES CO.

REPEAT SECTION 2

Database File: 011266pe.db
 Dataset Pathname: pass4.1
 Presentation Format: _ldt_neu
 Dataset Creation: Tue Jul 02 01:13:10 2013 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)				-10
6	CALIPER (in)	16	10 (ft3) 0	30	COMPENSATED NEUTRON (pu)				-10
			TBHV	0	PE	10	-0.25	CORRECTION (g/cc)	0.25
			0 (ft3) 10						



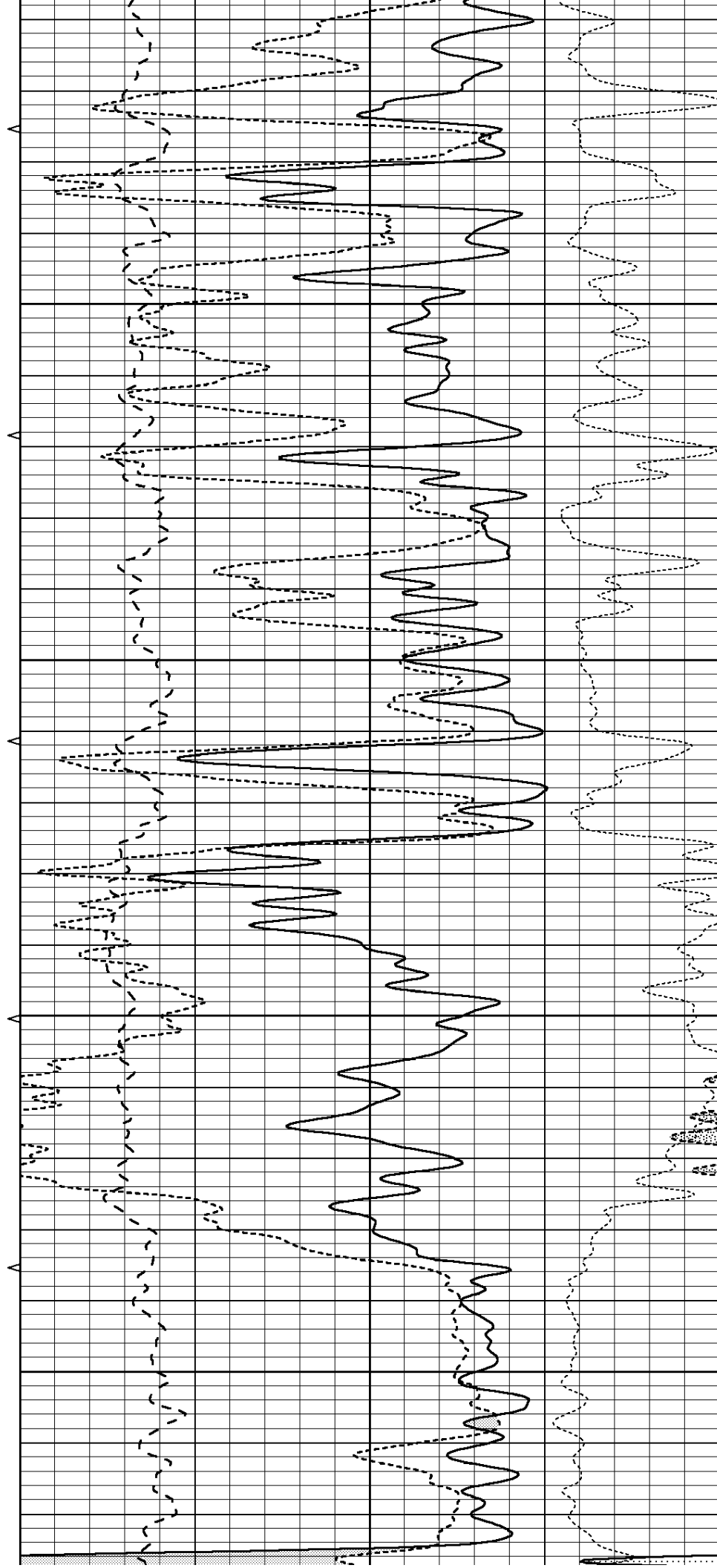


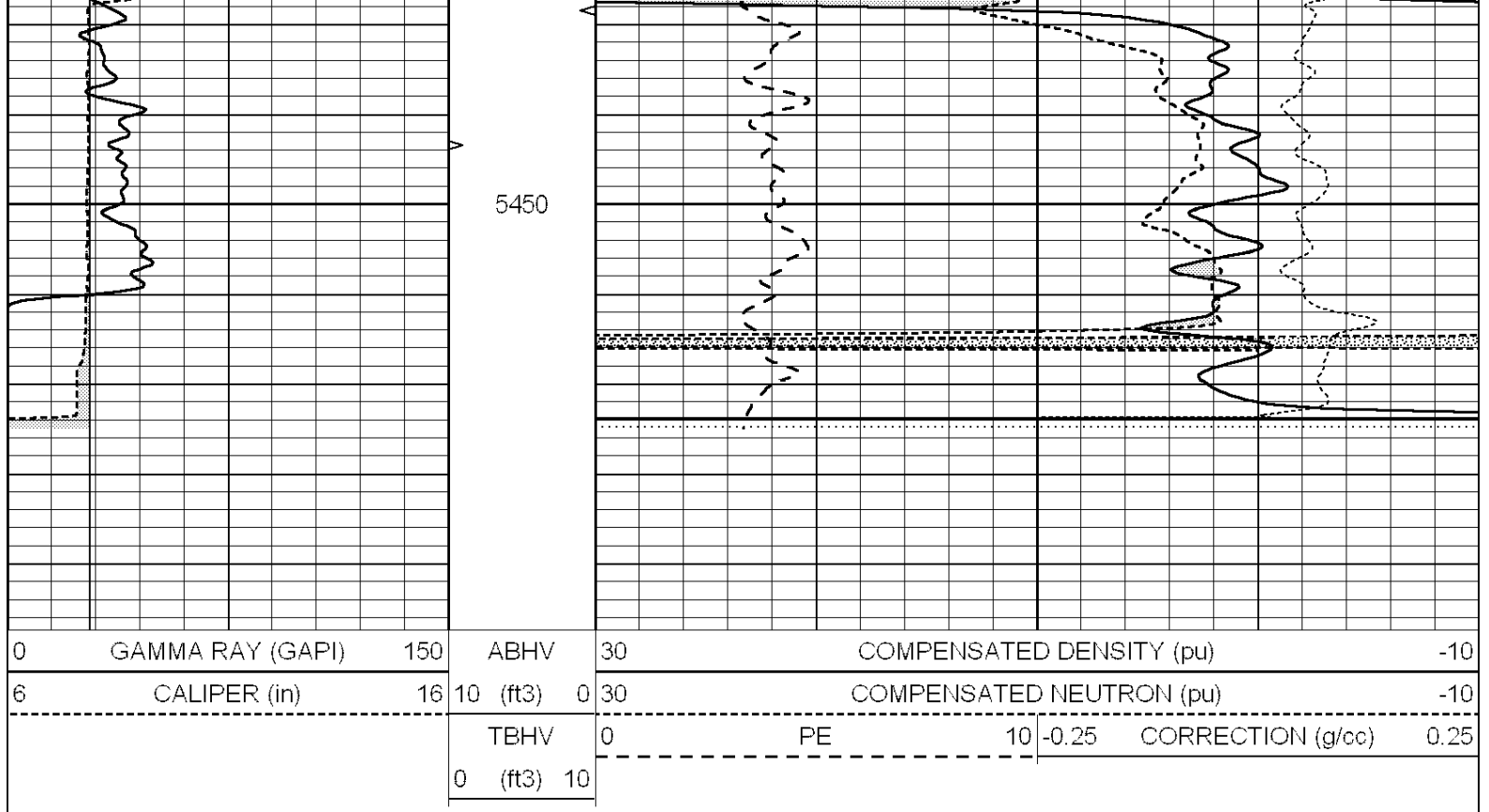
5250

5300

5350

5400

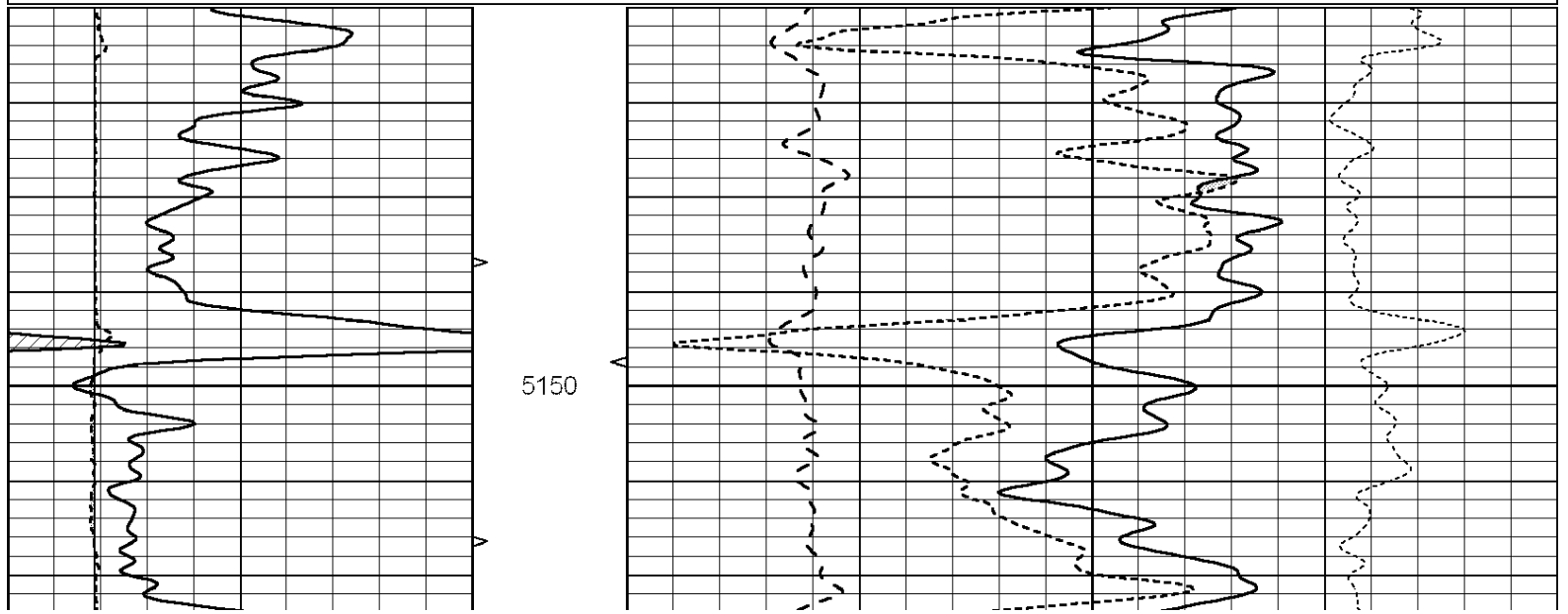
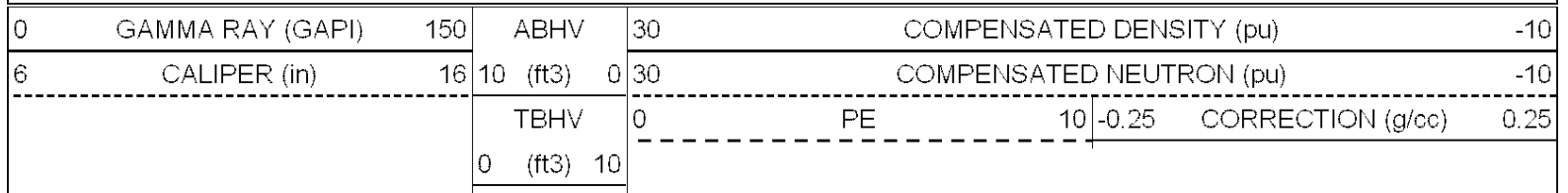


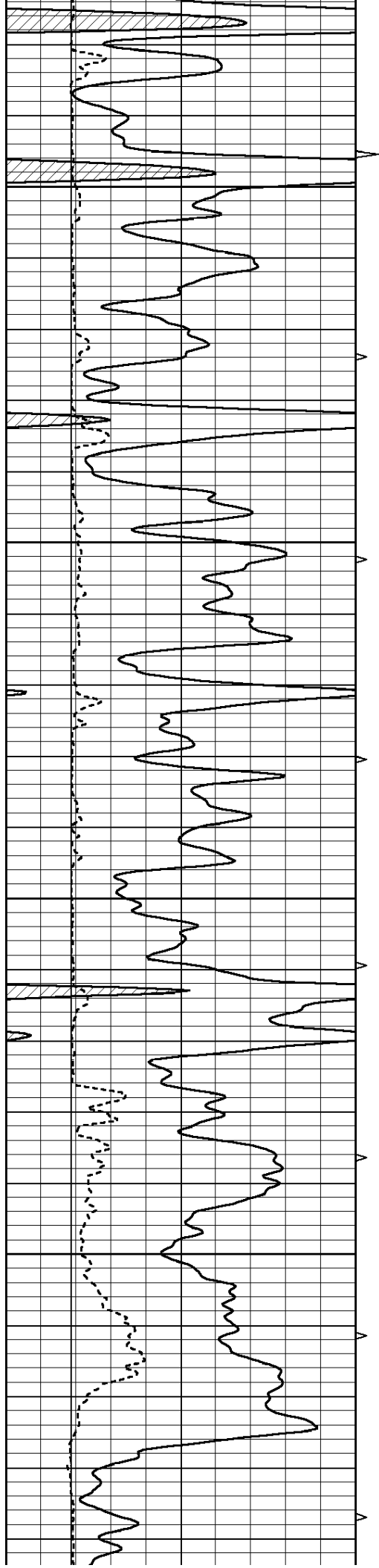


NABORS
COMPLETION
& PRODUCTION
SERVICES CO.

REPEAT SECTION 1

Database File: 011266pe.db
Dataset Pathname: pass2.1
Presentation Format: _ldt_neu
Dataset Creation: Tue Jul 02 01:11:37 2013 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:240



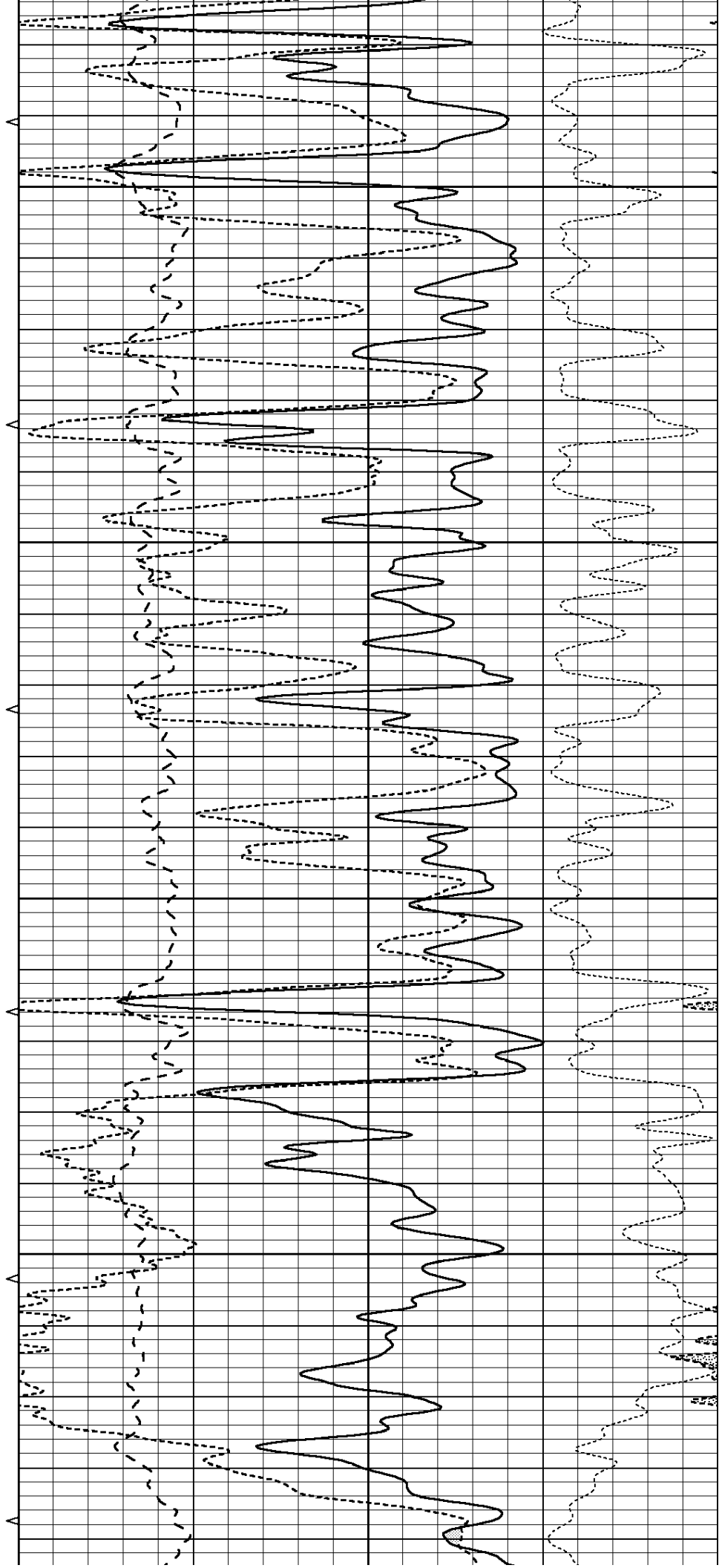


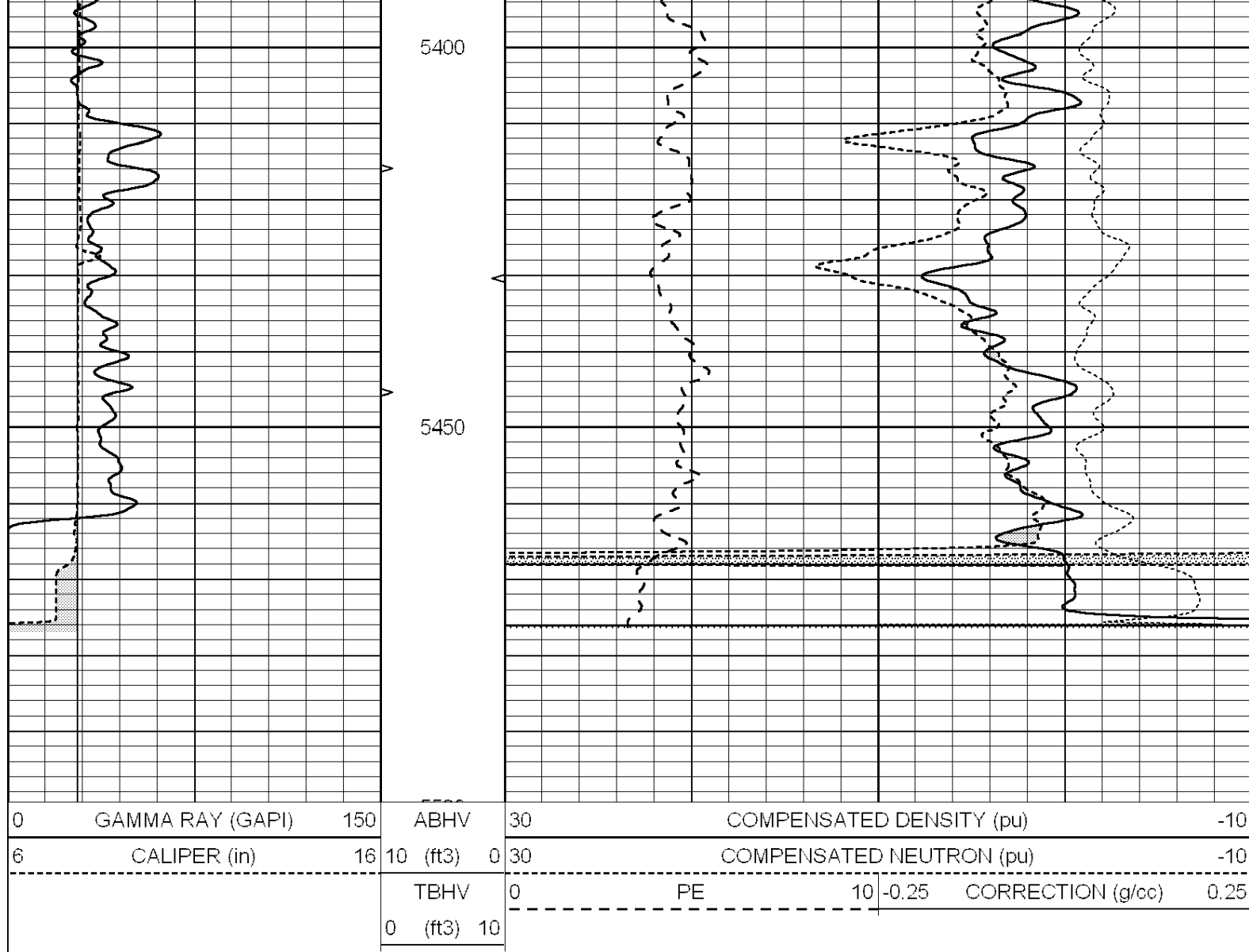
5200

5250

5300

5350





Calibration Report

Database File: 011266pe.db
Dataset Pathname: pass2.1
Dataset Creation: Tue Jul 02 01:11:37 2013 by Calc Open-Cased 090629

Dual Induction Calibration Report

Serial-Model: PROBE8-DILG
Surface Cal Performed: Fri Aug 01 06:33:19 2008
Downhole Cal Performed: Mon Jul 28 11:08:27 2008
After Survey Verification Performed: Mon Jul 28 11:08:27 2008

Surface Calibration

Readings				References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.015	0.648	V	0.000	400.000	mmho/m	632.616	-9.730
Medium	0.029	0.796	V	0.000	464.000	mmho/m	605.049	-17.680
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.017	0.657	V	0.000	400.000	mmho/m	625.153	-10.619
Medium	0.016	0.757	V	0.000	464.000	mmho/m	625.992	-9.739

Downhole Calibration

Readings References Results

	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	2.011	405.777	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	7.590	503.393	mmho/m	1.000	0.000
LL3		7.500	V		1500.000	Ohm-m		
		0.000	V		20.000	Ohm-m		
		-7.200	V		3800.000	mmho-m		

After Survey Verification								
	Readings			Targets			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	0.000	0.000	mmho/m	0.000	0.000
Medium	0.000	0.000	mmho/m	0.000	0.000	mmho/m	0.000	0.000
LL3		1.000	Ohm-m		1.000	Ohm-m		
		0.000	Ohm-m		0.000	Ohm-m		
		1.000	mmho-m		1.000	mmho-m		

Litho Density Calibration Report								
Serial: 002 Model: PRB								
Performed Thu May 24 10:48:35 2012								

Litho Density Calibration								
	Background	Magnesium		Aluminum		Sandstone		
Window 1	869.0	7503.7		2278.2		8031.6		cps
Window 2	814.2	6016.2		1916.9		6332.7		cps
Window 3	662.8	3301.5		1210.8		3422.7		cps
Window 4	200.3	202.6		201.6		200.2		cps
Long Space	0.0	5202.0		1102.6		5518.5		cps
Short Space	1.2	998.0		637.9		1006.2		cps
Rho		1.7100		2.5900		1.3800		g/cc
Pe				2.5700		1.5500		
Rib Angle	: 43.9	Rib Slope	: 0.963	Density/Spine Ratio		: 0.545		
Spine Angle	: 73.9	Spine Slope	: 3.466	Spine Intercept		: -15.4		

Caliper		
Low Ref	Readings	Reference
High Ref	3.7	8.0
	6.1	14.0
	Gain: 2.5	Offset: -2.3

Compensated Neutron Calibration Report								
--	--	--	--	--	--	--	--	--

Serial Number:	6I
Tool Model:	G

CALIBRATION						
Detector	Readings		Target		Normalization	
Short Space	1.00	cps	1.00	cps	1.0000	
Long Space	1.00	cps	1.00	cps	1.0000	

Gamma Ray Calibration Report								
------------------------------	--	--	--	--	--	--	--	--

Serial Number:	#8	
Tool Model:	OPEN	
Performed:	Mon Jun 13 16:56:43 2011	
Calibrator Value:	150.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	175.0	cps

Sensitivity:

0.8371

GAP/cps