



**SUPERIOR
Hays,
Kansas**

**COMPENSATED
DENSITY/NEUTRON
PE LOG**

Company	VINCENT OIL CORPORATION		
Well	CUMMINGS #1-12		
Field	WILDCAT		
County	FORD	State	KANSAS
Location:	API # : 15-057-20630-0000	Other Services	
1700'FSL & 1750'FEL		DIL MEL/SONIC	
SEC 12 TWP 29S RGE 23W		Elevation	
Permanent Datum	GROUND LEVEL	Elevation	2536
Log Measured From	KELLY BUSHING 12' A.G.L.		
Drilling Measured From	KELLY BUSHING	K.B. 2548 D.F. 2546 G.L. 2536	
Date	03/17/2009		
Run Number	CNE		
Depth Driller	5450		
Depth Logger	5449		
Bottom Logged Interval	5425		
Top Log Interval	4300		
Casing Driller	8 5/8 @ 650'		
Casing Logger			
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.4 / 78	CHLORIDES 12,000	
pH / Fluid Loss	9.0 / 15.2		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	0.36 @ 69F		
Rmf @ Meas. Temp	0.27 @ 69F		
Rmc @ Meas. Temp	0.43 @ 69F		
Source of Rmf / Rmc	CAL/CAL		
Rm @ BHT	0.19 @ 129F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	3:00 PM		
Maximum Recorded Temperature	129F		
Equipment Number	680		
Location	HAYS, KS		
Recorded By	JEFF GRONEWEG	JOE CRATHORNE	
Witnessed By	KEN LEBLANC		

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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

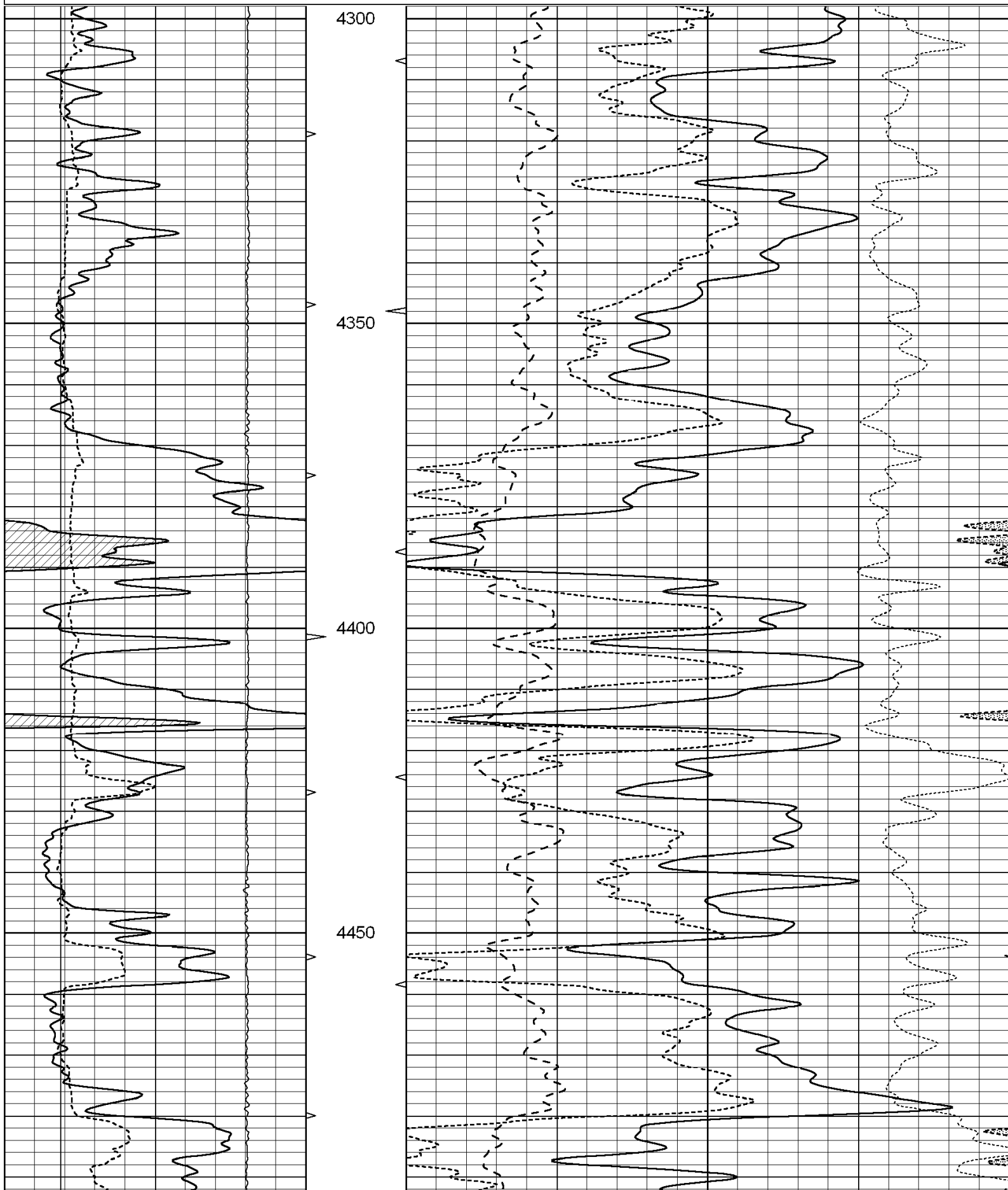
**THANK YOU FOR USING SUPERIOR WELL SERVICES
HAYS, KS. 785-628-6395**

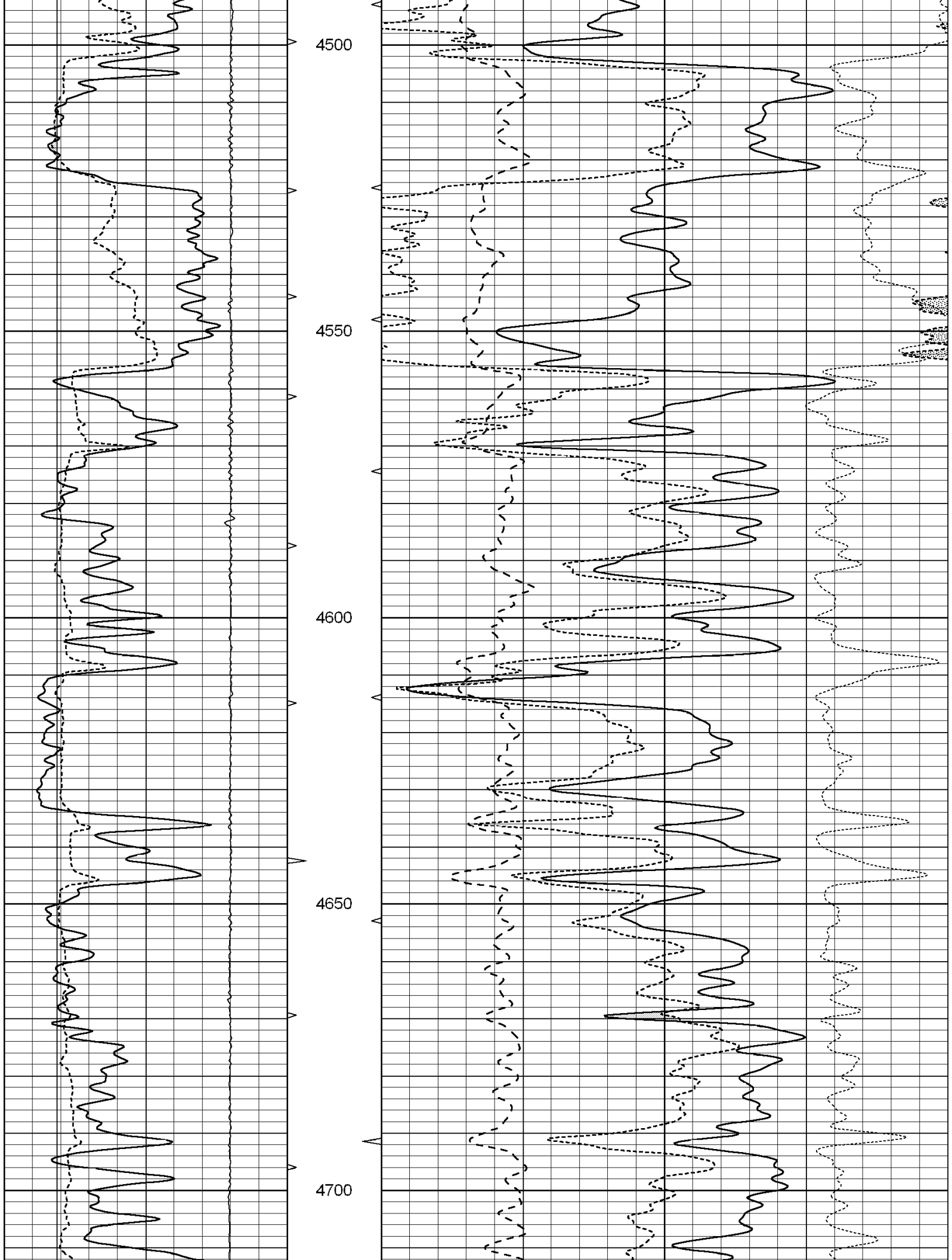
**DIRECTIONS: EAST SIDE OF KINGSDOWN; 1 MILE NORTH ON RD 125 TO WILDFIRE RD, 1 MILE
WEST ON WILDFIRE TO RD 124, 1/2 SOUTH, WEST INTO**

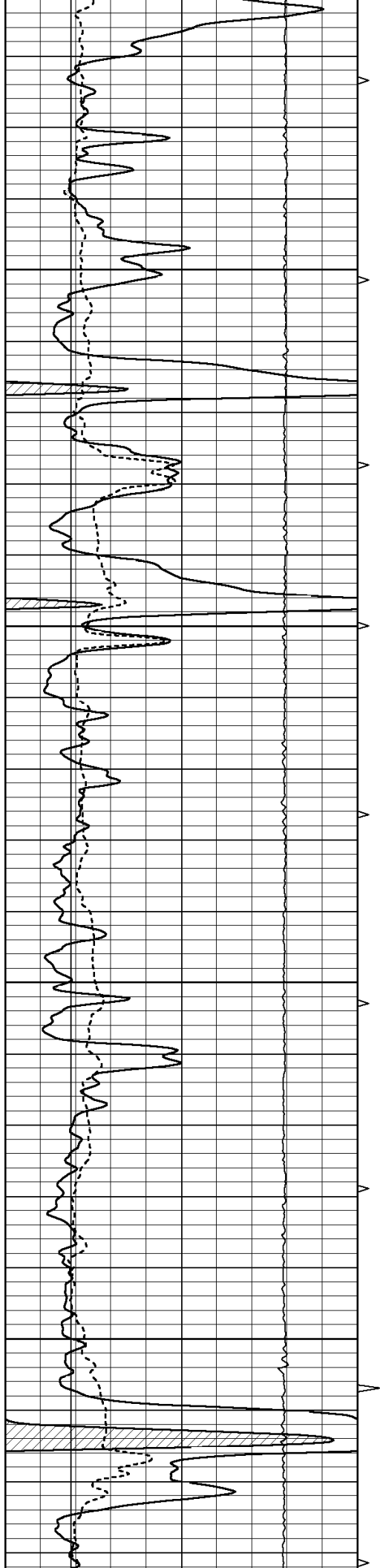
Charted by:

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
10000	LTEN (lb)	0	TBHV	0	PE	10 -0.25 CORRECTION (g/cc) 0.25
			0 (ft3) 10			





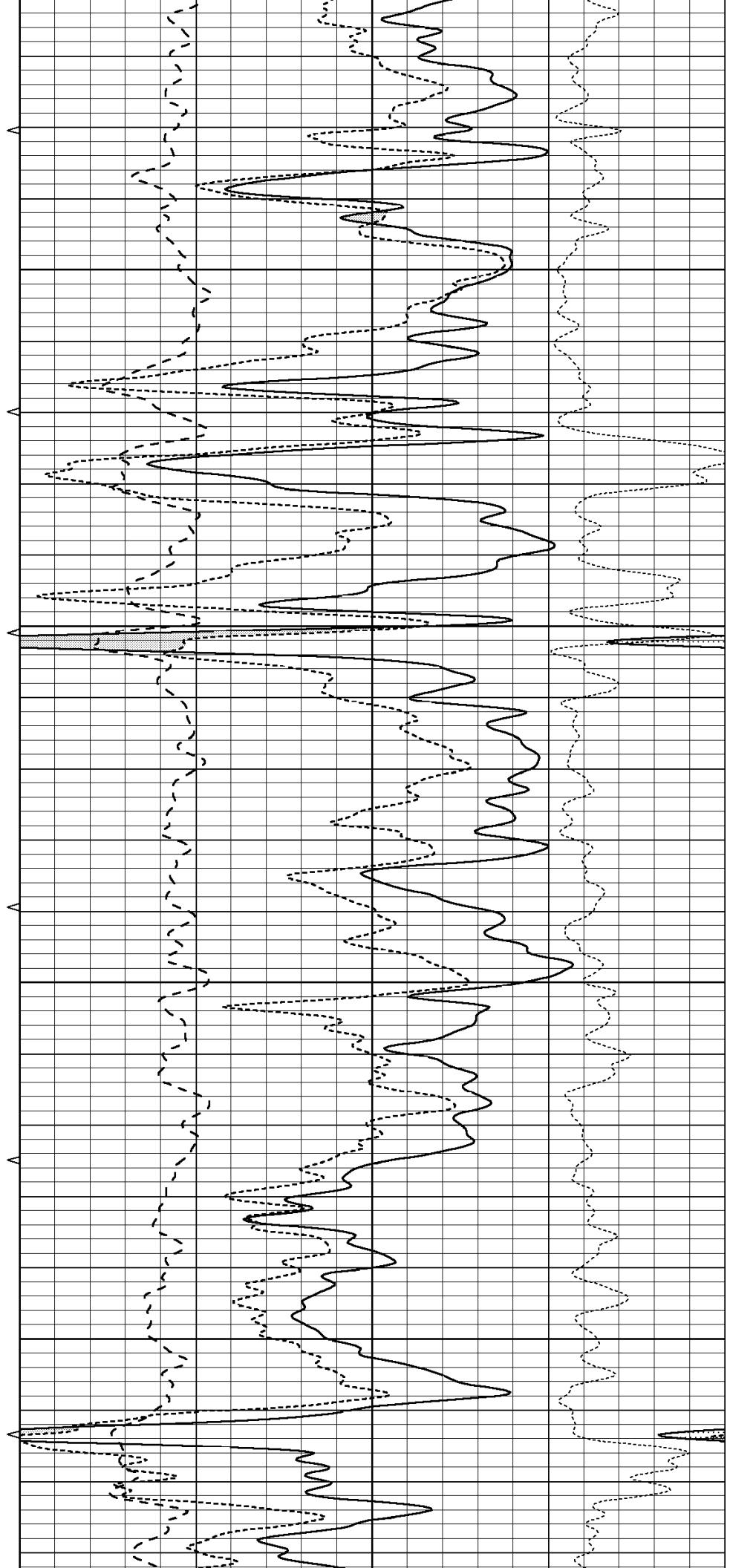


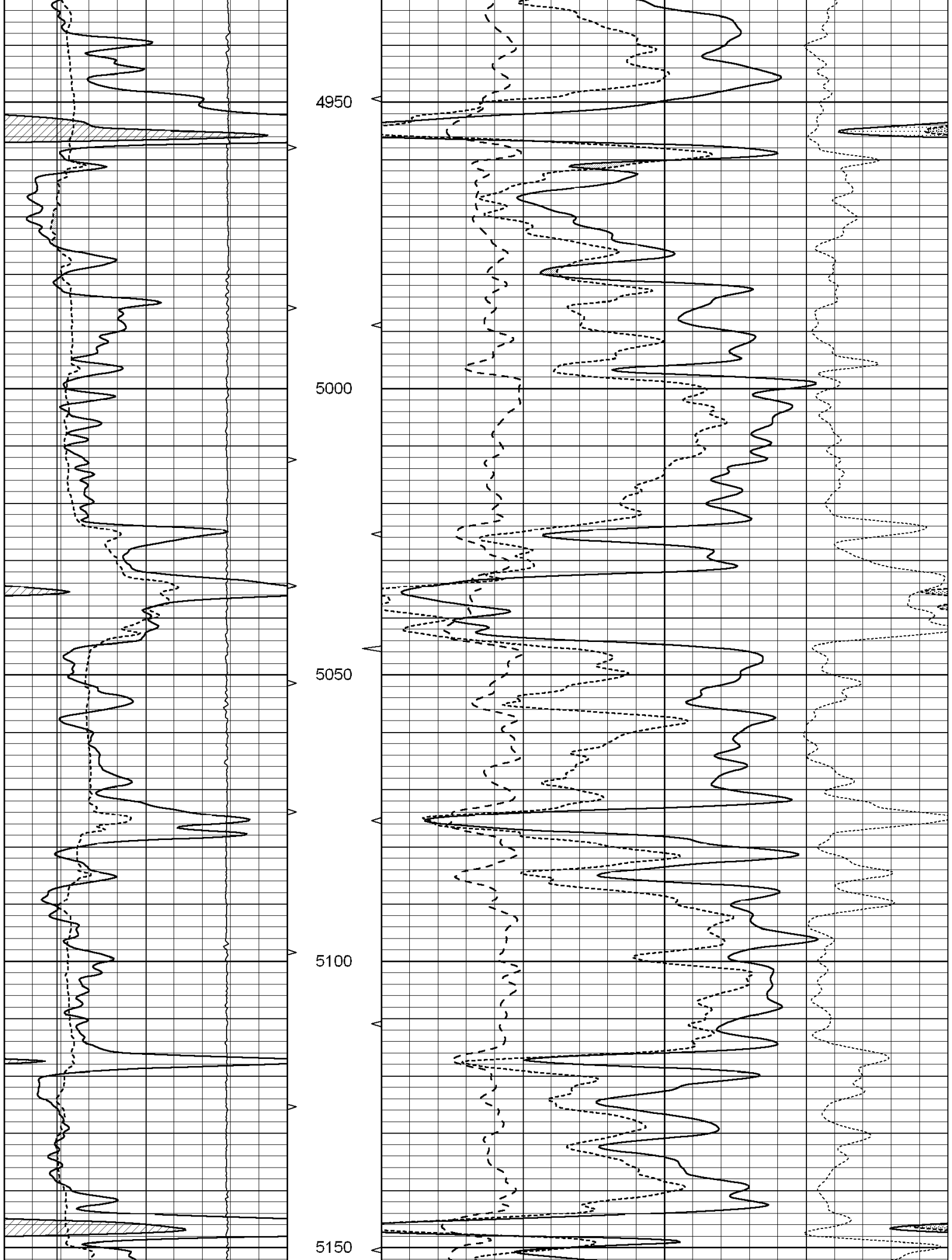
4750

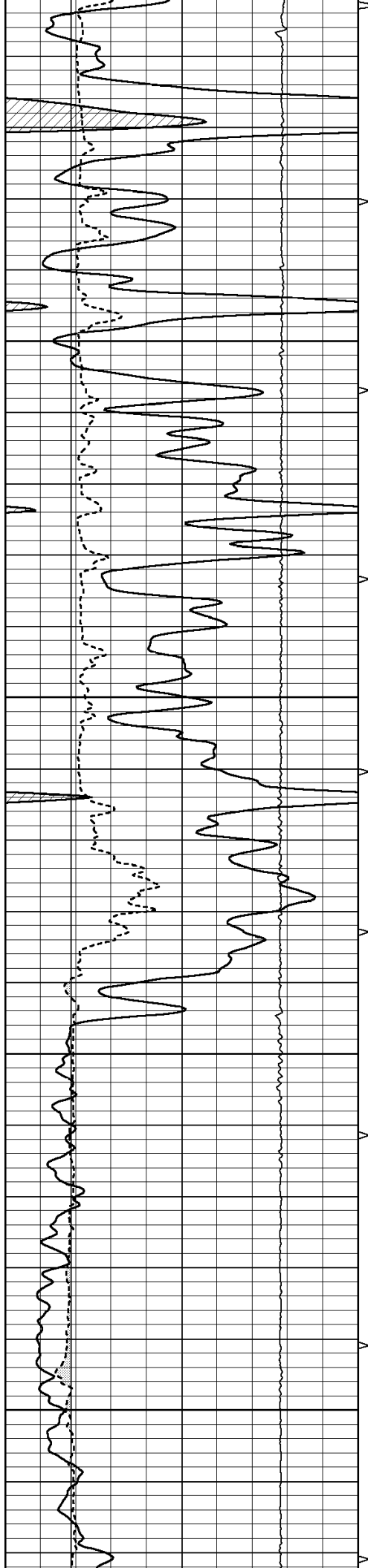
4800

4850

4900





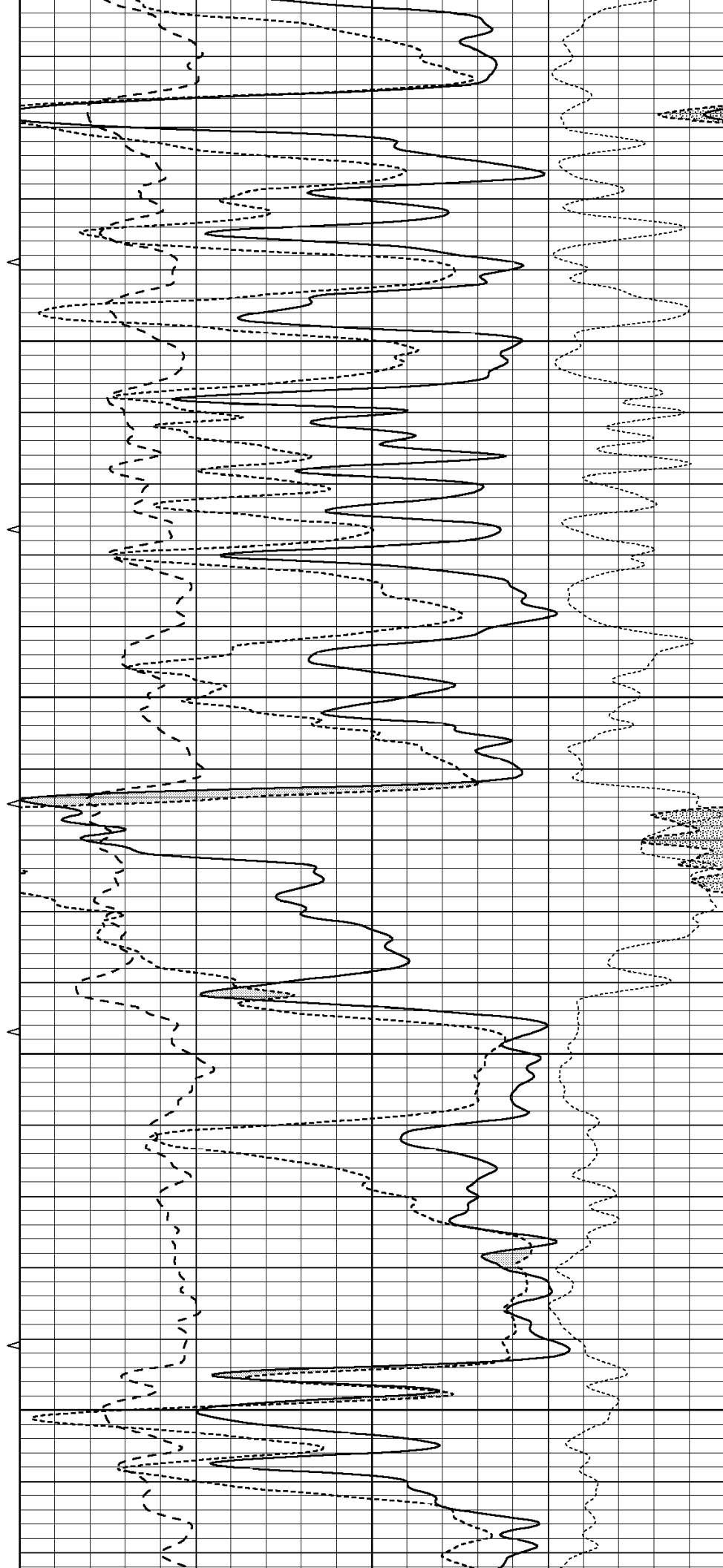


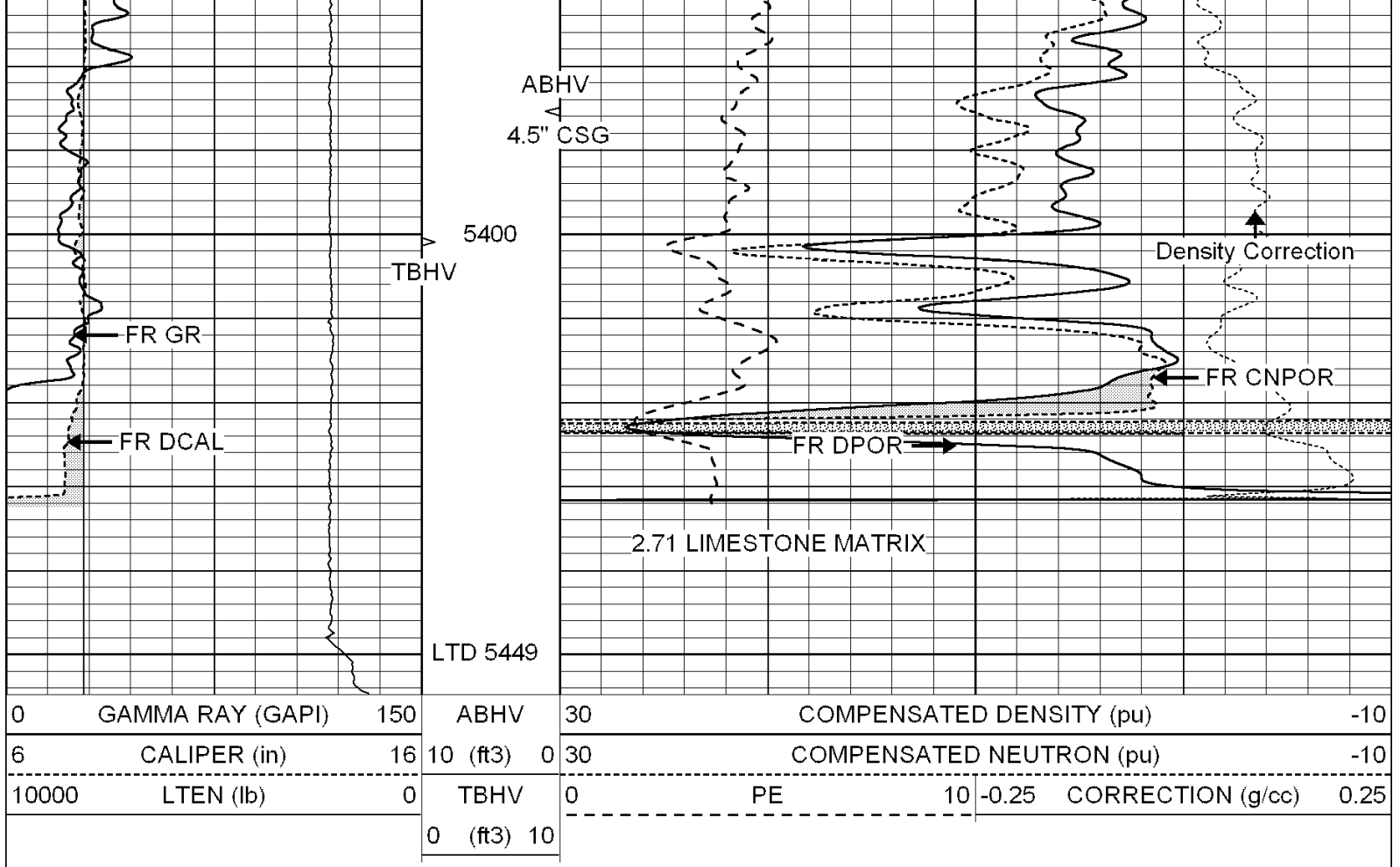
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5250

5300

5350



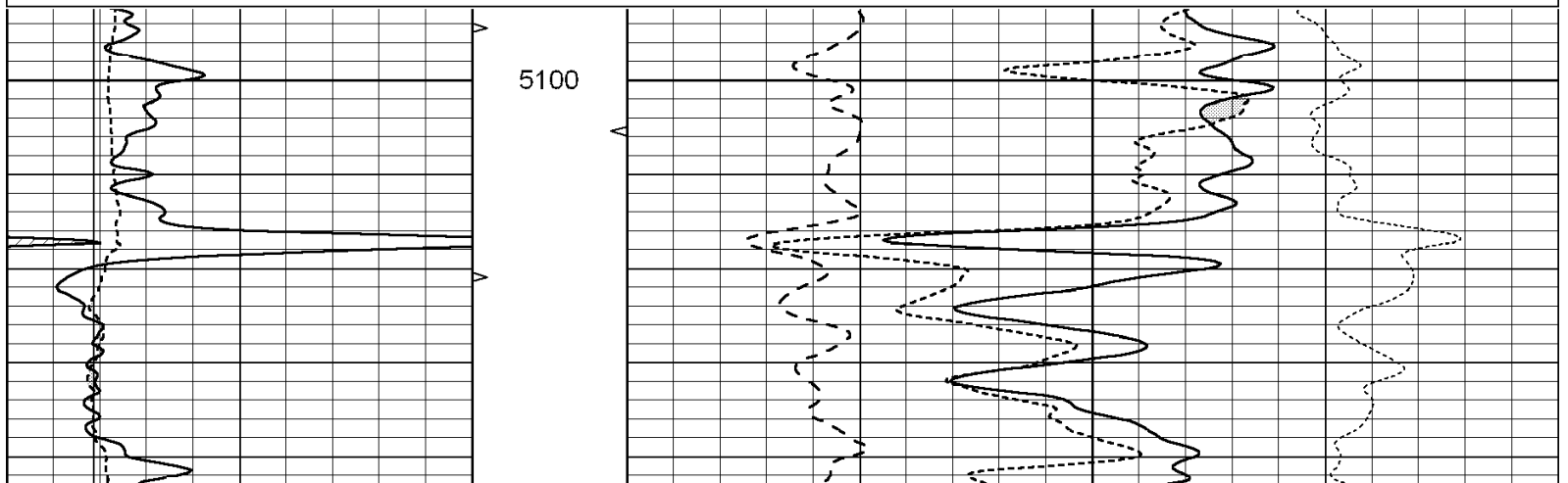


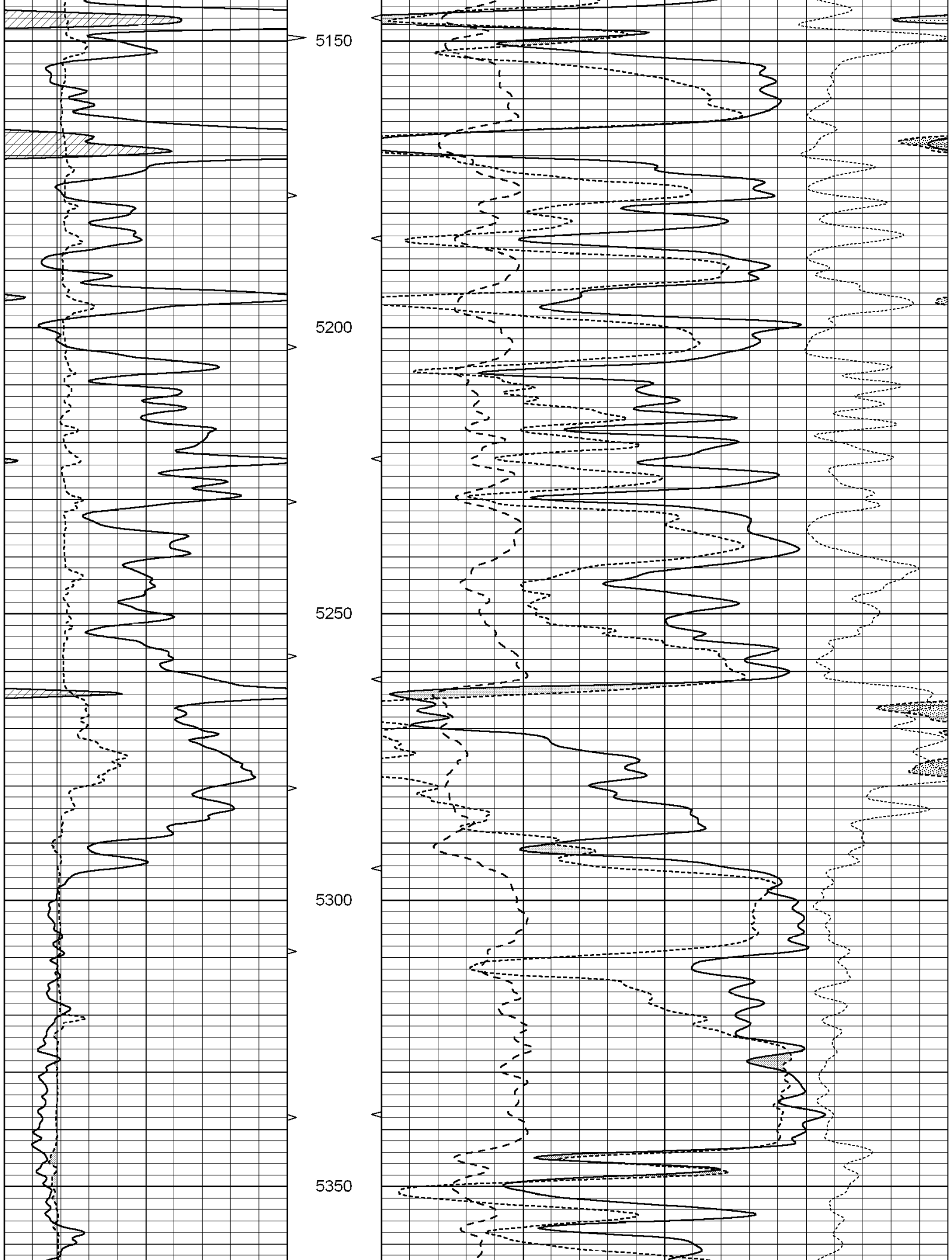
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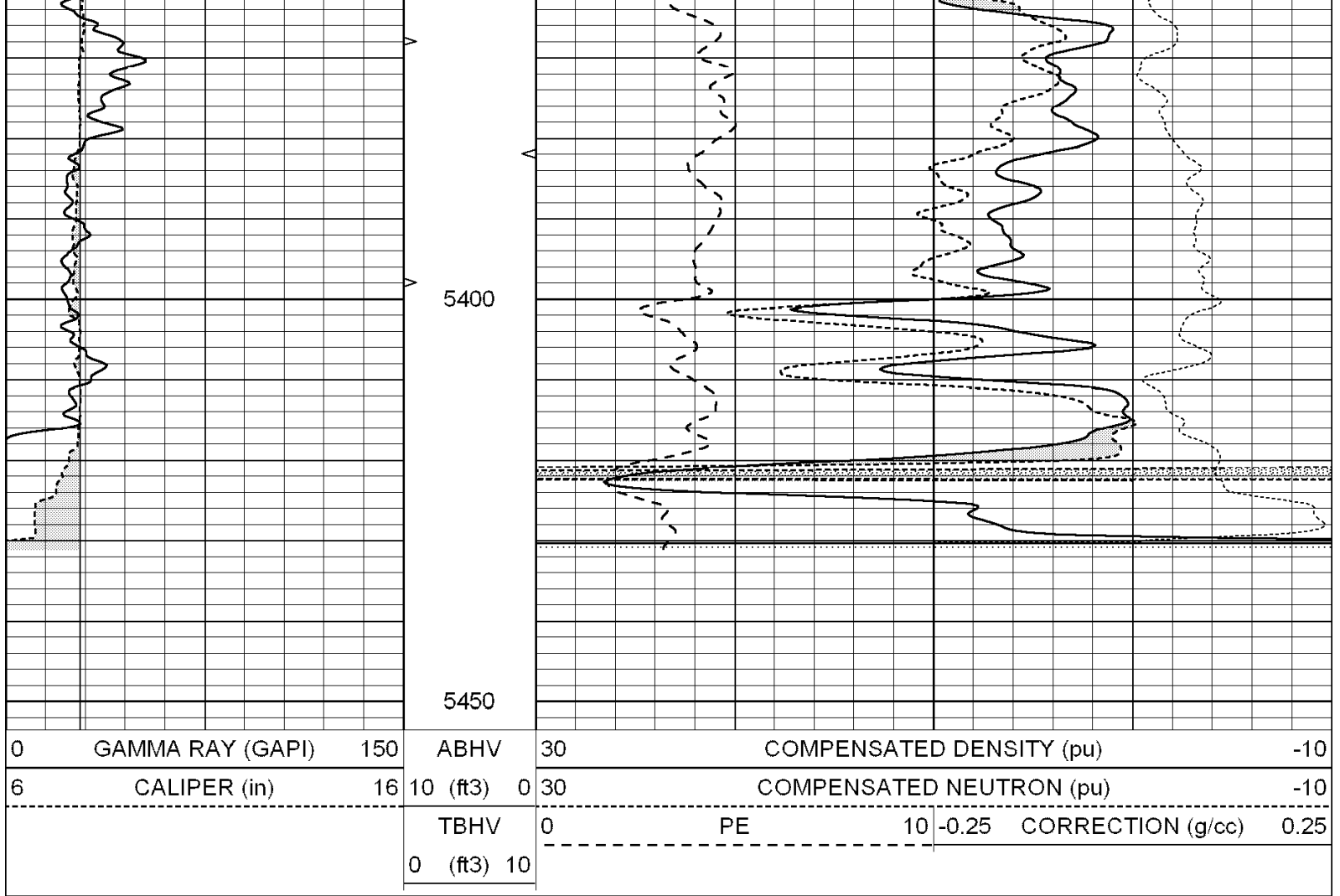
REPEAT SECTION

Database File: 003701pe.db
 Dataset Pathname: pass2.91
 Presentation Format: _ldt_neu
 Dataset Creation: Tue Mar 17 16:24:08 2009 by Calc Open-Cased 070814
 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)
			TBHV	0	PE	10
			0 (ft3)	10	-0.25	CORRECTION (g/cc) 0.25







Calibration Report

Database File: 002.db
Dataset Pathname: pass2
Dataset Creation: Wed Feb 25 10:15:23 2009 by Log Open-Cased 070814

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

Loop:	Readings			References			Results	
	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

Medium	0.000	7.500	mmho-m	1500.000	Ohm-m	1.000	0.000
LL3		0.000	V	20.000	Ohm-m		
		-6.500	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: 002N Model: PRB Performed Wed Feb 25 10:15:01 2009								
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Litho Density Calibration								
	Background		Magnesium		Aluminum		Sandstone	
Window 1	1016.7		9089.5		2757.5		10336.4	cps
Window 2	933.0		7582.8		2369.3		8482.4	cps
Window 3	664.8		2920.1		1129.1		3170.4	cps
Window 4	223.9		221.9		222.9		225.9	cps
Long Space	0.0		6649.8		1436.3		7549.4	cps
Short Space	1.0		1362.6		935.4		1541.3	cps
Rho			1.7100		2.5900		1.3800	g/cc
Pe					2.5700		1.5500	
Rib Angle	: 46.2		Rib Slope	: 1.043	Density/Spine Ratio		: 0.558	
Spine Angle	: 76.2		Spine Slope	: 4.074	Spine Intercept		: -20.6	

Caliper								
Low Ref	Readings		Reference					
High Ref	3.0		8.0					
	5.0		14.0					
	Gain: 3.0				Offset: -1.1			

Compensated Neutron Calibration Report								
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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								
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Serial Number:	GR6							
Tool Model:	OPEN							
Performed:	Fri Feb 13 12:30:39 2009							
Calibrator Value:	150.0		GAPI					
Background Reading:	0.0		cps					
Calibrator Reading:	276.0		cps					
Sensitivity:	0.5435		GAPI/cps					