



**COMPLETION
& PRODUCTION
SERVICES CO.**

**COMPENSATED
DENSITY/NEUTRON
PE LOG**

Company	VINCENT OIL CORPORATION	Company	VINCENT OIL CORPORATION
Well	IMEL #4-5	Well	IMEL #4-5
Field	KINGSDOWN NORTHWEST	Field	KINGSDOWN NORTHWEST
County	FORD	County	FORD
State	KANSAS	State	KANSAS
Location:	API # : 15-057-20964-00-00 1050' FSL & 455' FWL NE - NW - SW - SW	Other Services DILMEL SON	
Permanent Datum	SEC 5 TWP 29S RGE 22W	Elevation	
Log Measured From	GROUND LEVEL Elevation 2524 KELLY BUSHING 13' A.G.L.	K.B. 2537 D.F. 2535 G.L. 2524	
Drilling Measured From	KELLY BUSHING		
Date	7-11-15		
Run Number	ONE		
Depth Driller	5400		
Depth Logger	5406		
Bottom Logged Interval	5382		
Top Log Interval	4250		
Casing Driller	8 5/8 @ 688'		
Casing Logger	686'		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 8,800 PPM	
Density / Viscosity	9.2/48		
pH / Fluid Loss	9.0/11.2		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	0.30 @ 81F		
Rmf @ Meas. Temp	0.23 @ 81F		
Rmc @ Meas. Temp	0.36 @ 81F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	0.21 @ 129F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	129F		
Equipment Number	3802		
Location	HAYS, KANSAS		
Recorded By	IAN MABB		
Witnessed By	TOM DUDGEON		

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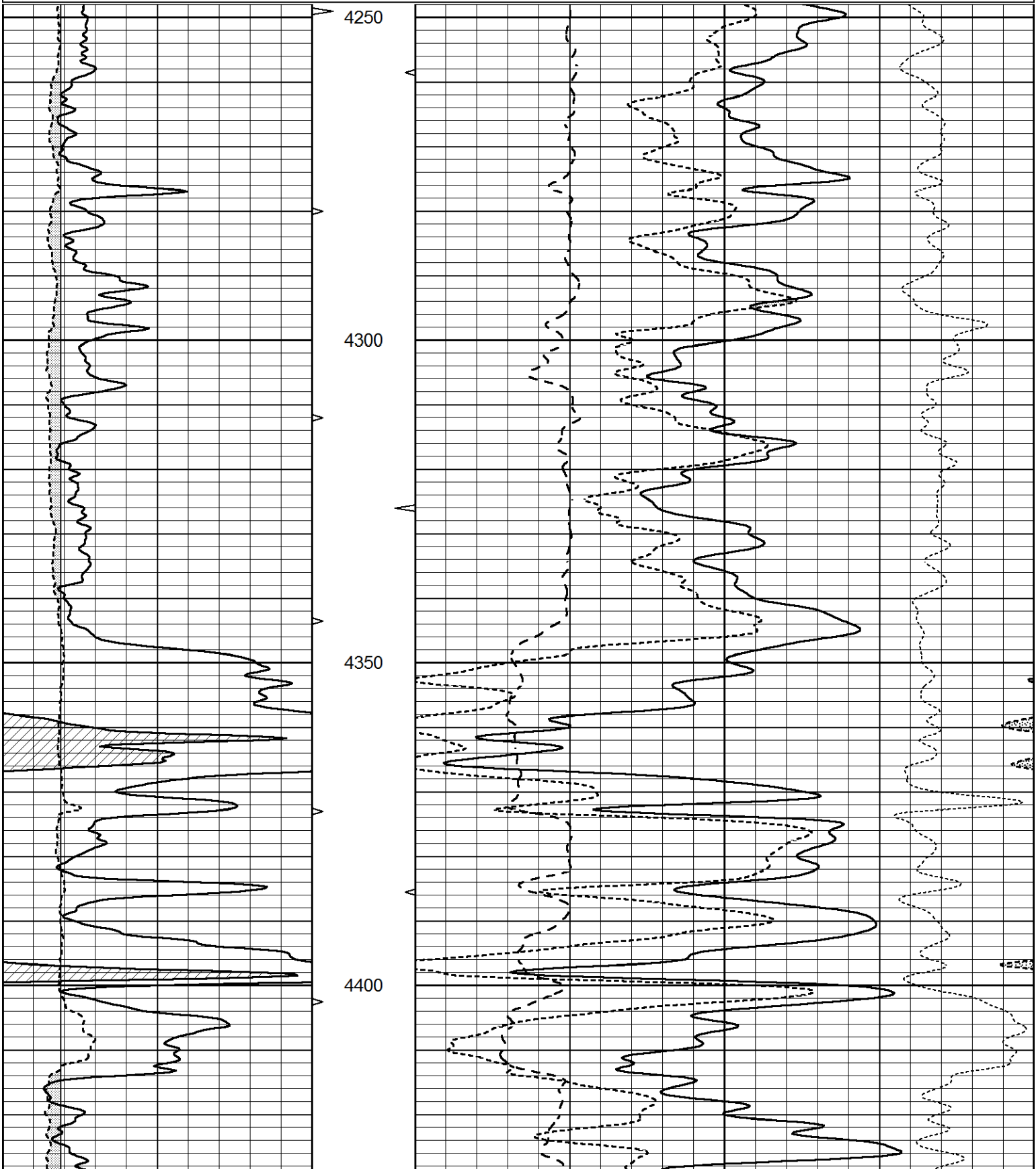
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

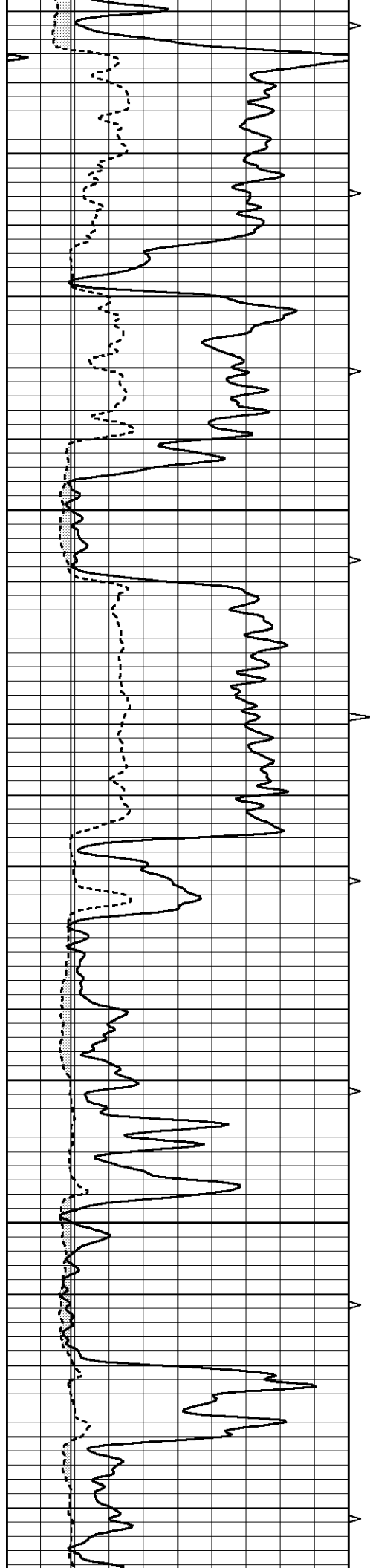
Comments

THANK YOU FOR USING NABORS, HAYS, KS. (785) 628-6395
DIRECTIONS :FORD, KS - SOUTH TO WILDFIRE RD - EAST 1/4 MILE - NORTH INTO

Database File	26449pe8.db
Dataset Pathname	pass3.1
Presentation Format	_ldt_neu
Dataset Creation	Sat Jul 11 12:28:01 2015
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	COMPENSATED NEUTRON (pu)	-10
			TBHV	0	PE	10 -0.25
			0 (ft3)	10	CORRECTION (g/cc)	0.25



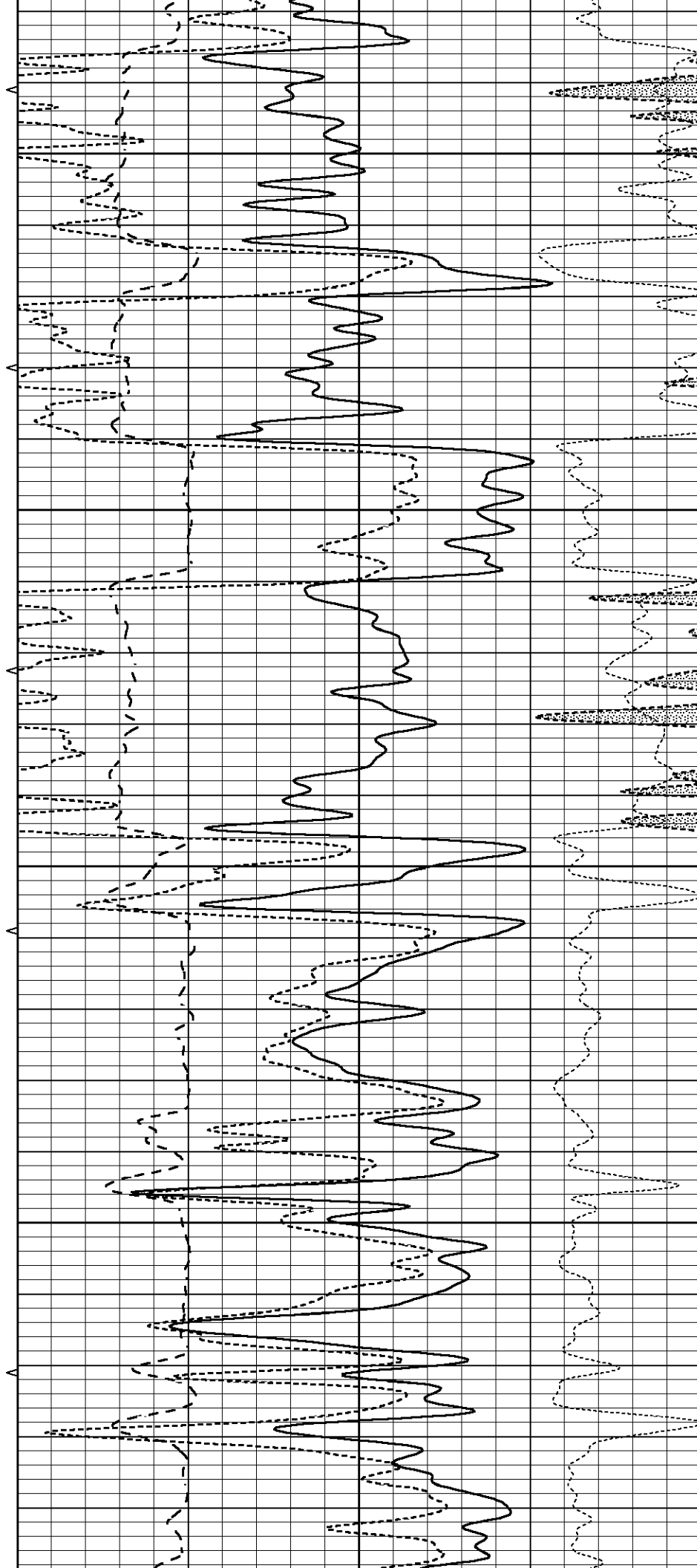


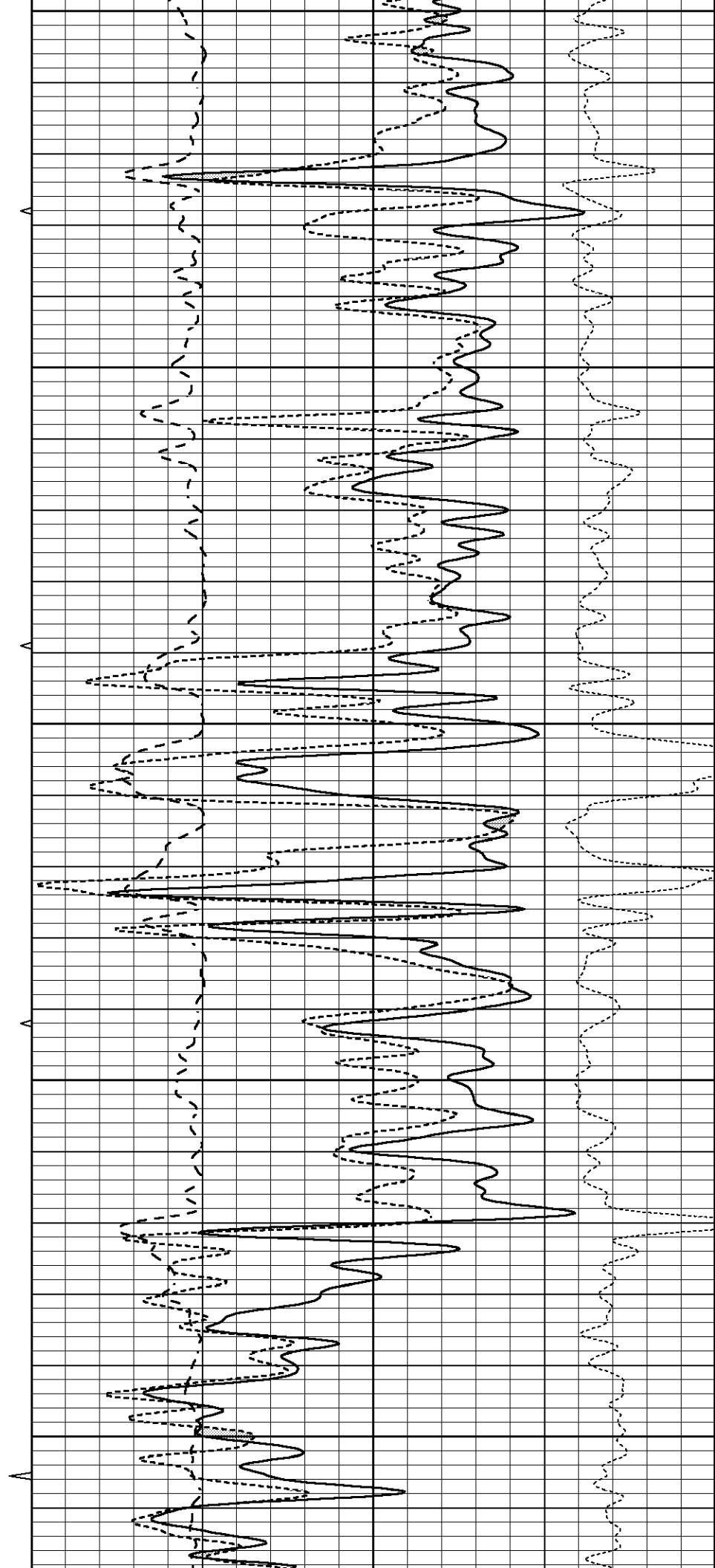
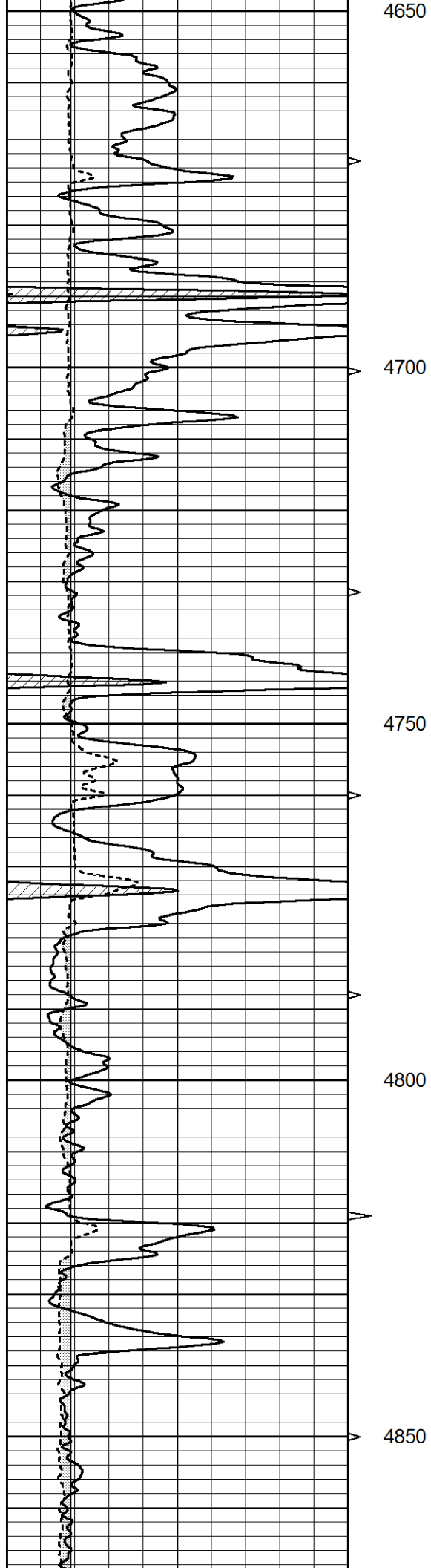
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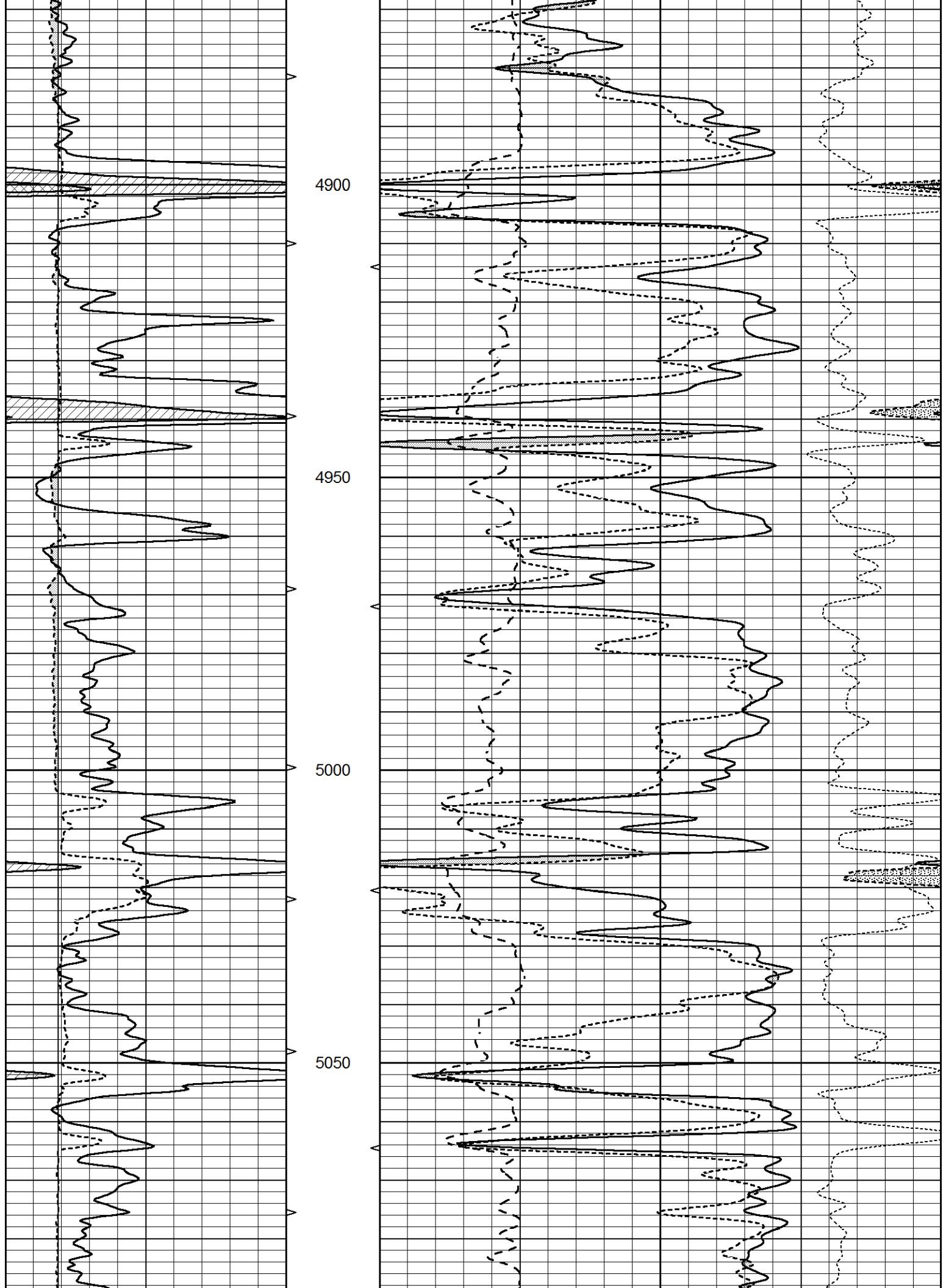
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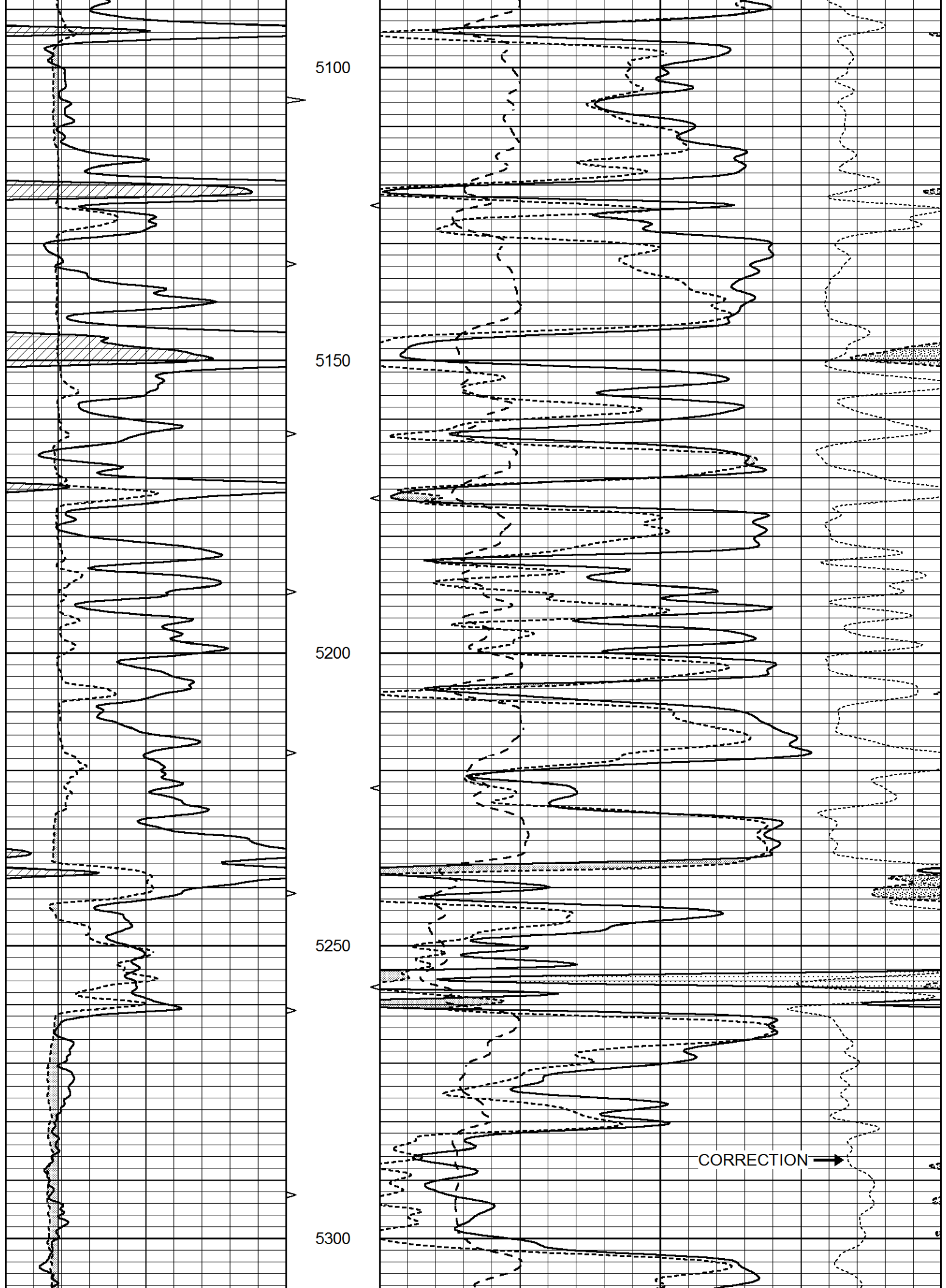
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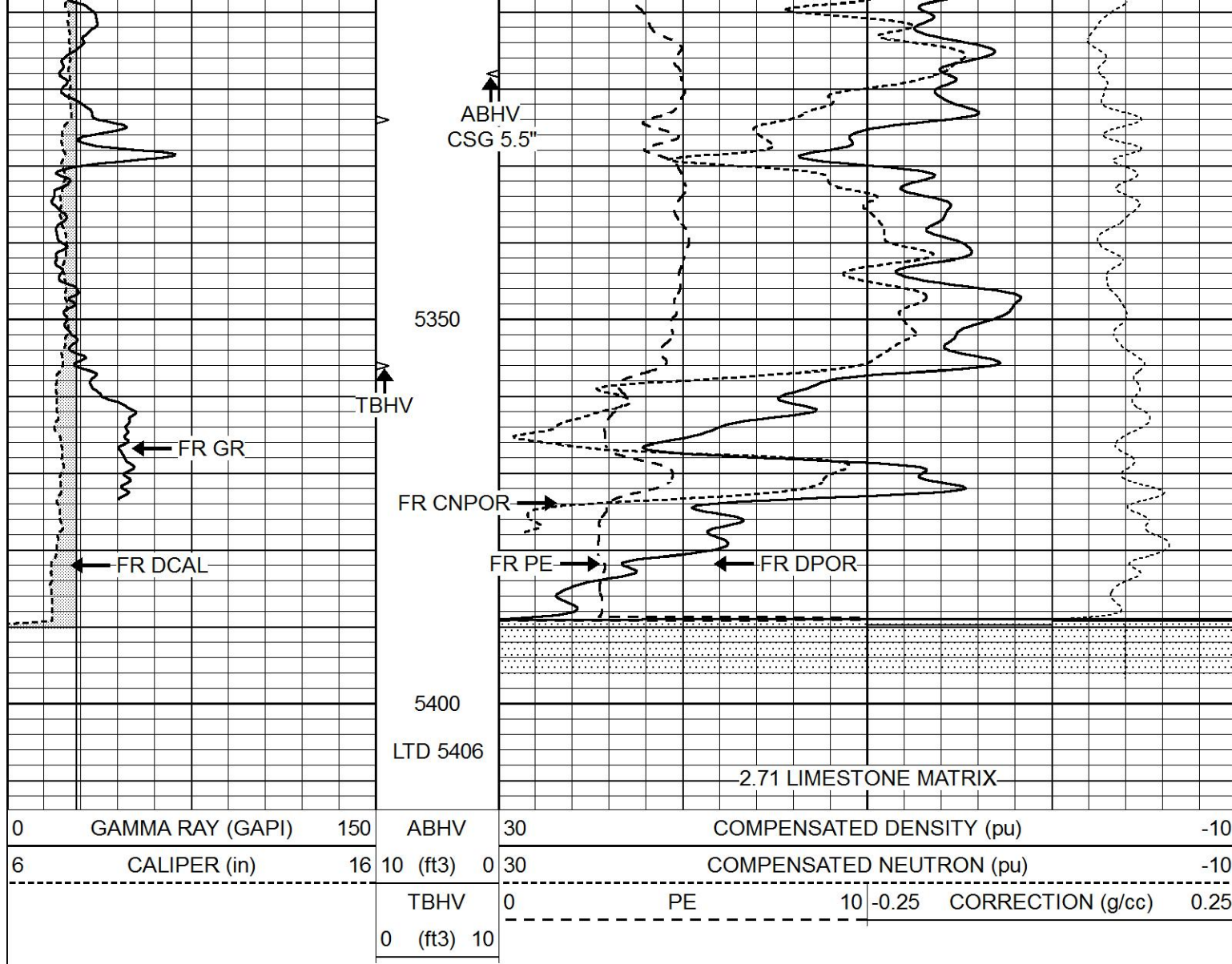
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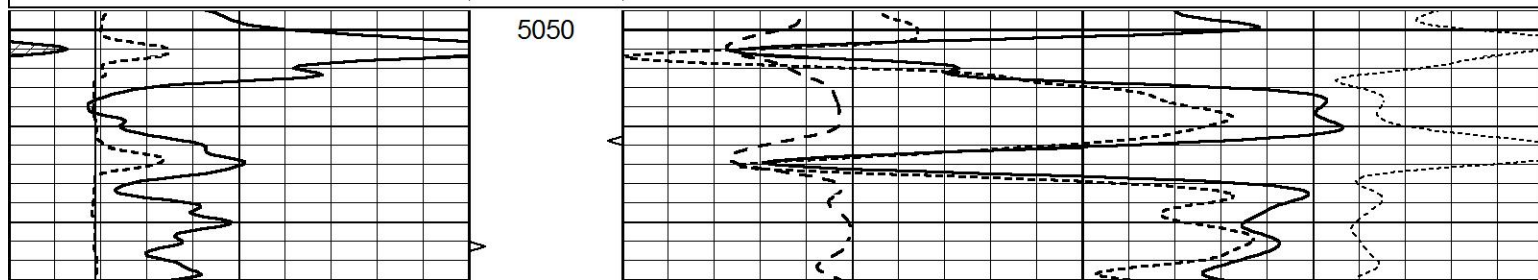


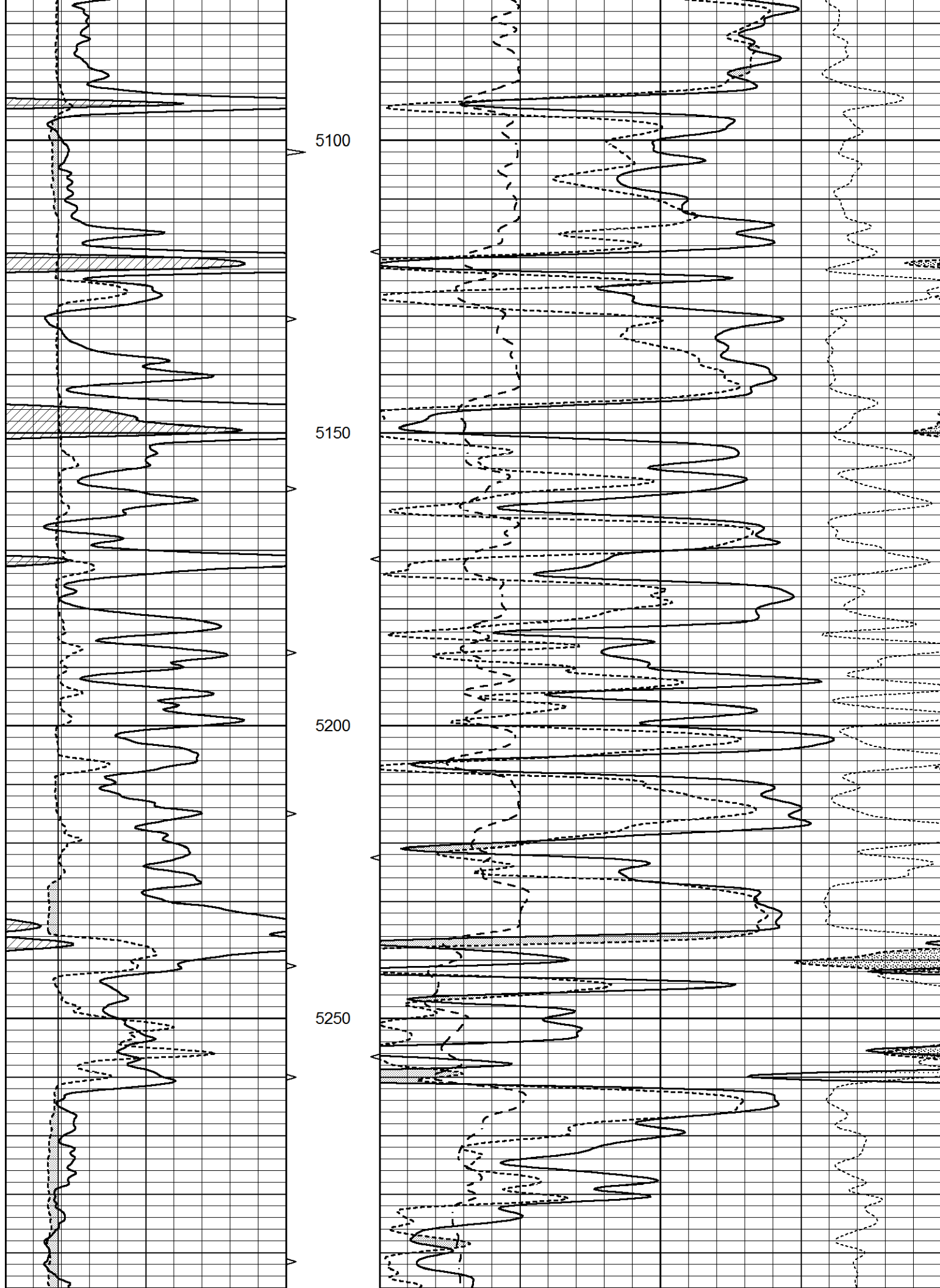


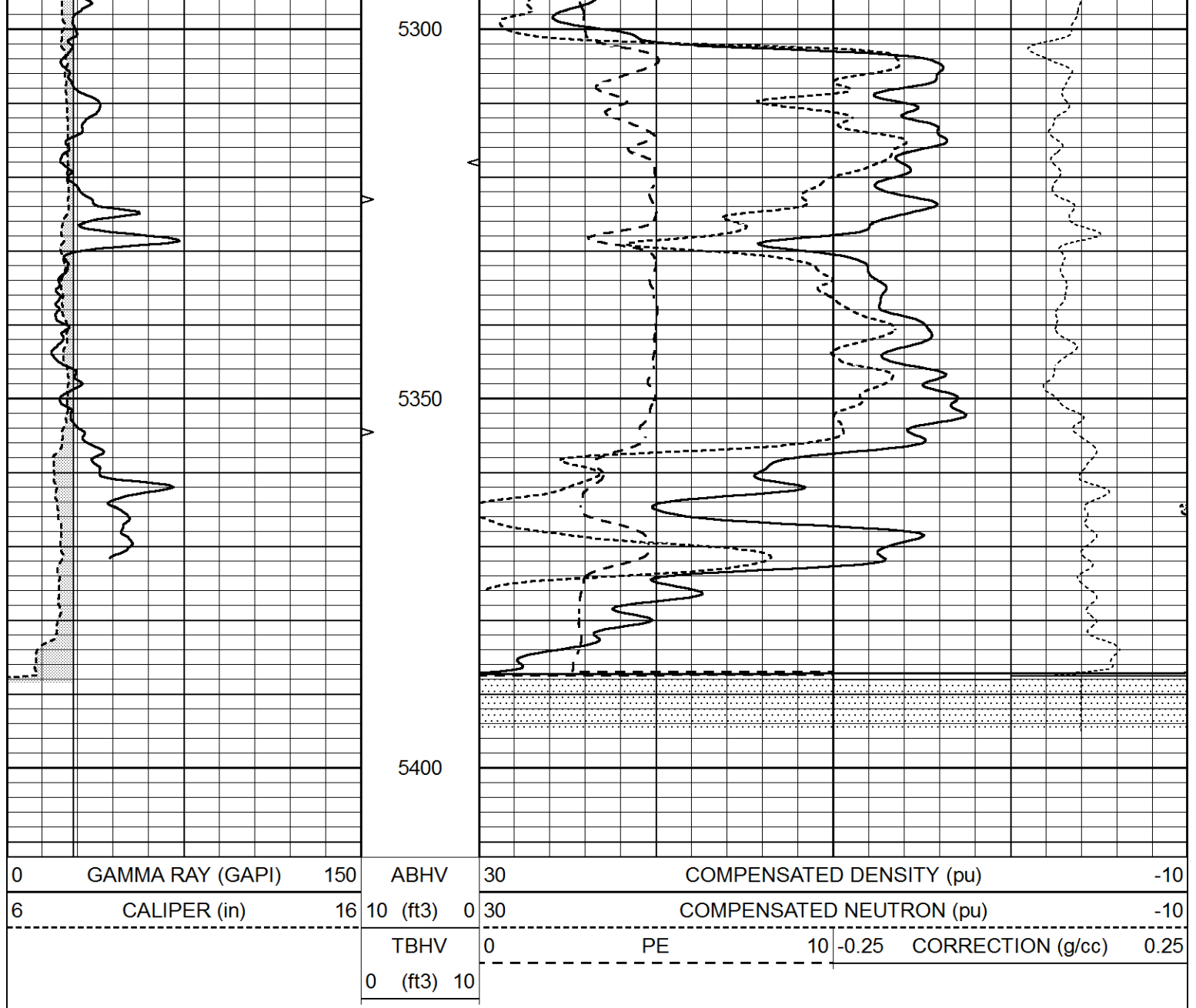
REPEAT SECTION

Database File 26449pe8.db
 Dataset Pathname pass2.1
 Presentation Format _ldt_neu
 Dataset Creation Sat Jul 11 11:53:38 2015
 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						







Calibration Report

Database File 26449pe8.db
Dataset Pathname pass3.1
Dataset Creation Sat Jul 11 12:28:01 2015

Dual Induction Calibration Report

Serial-Model: FW1410-56-Probe
Surface Cal Performed: Fri Mar 13 14:03:50 2015
Downhole Cal Performed: Fri Mar 13 15:37:29 2015
After Survey Verification Performed: Fri Mar 13 15:37:29 2015

Surface Calibration

Readings				References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.008	0.765	V	1.000	400.000	mmho/m	527.061	-3.201
Medium	-0.056	0.761	V	1.000	464.000	mmho/m	567.187	32.510
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.005	0.624	V	0.000	400.000	mmho/m	645.611	-3.034
Medium	0.012	0.721	V	0.000	464.000	mmho/m	653.591	-7.532

Downhole Calibration								
Readings			References			Results		
	Zero	Cal		Zero	Cal		m'	b'
Deep	-0.647	301.329	mmho/m	-0.780	336.378	mmho/m	1.117	-0.058
Medium	38.256	411.013	mmho/m	39.046	441.706	mmho/m	1.080	-2.280
LL3		7.471	V		1500.000	Ohm-m		
		0.001	V		20.000	Ohm-m		
		-7.085	V		6000.000	mmho-m		

After Survey Verification								
Readings			Targets			Results		
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	-0.647	301.329	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	38.256	411.013	mmho/m	1.000	0.000
LL3		0.000	Ohm-m		1500.000	Ohm-m		
		0.000	Ohm-m		20.000	Ohm-m		
		0.000	mmho-m		3745.000	mmho-m		

Litho Density Calibration Report Serial: 140704 Model: V4_10P Source Number: 74GBq-19								
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Master Calibration				Performed: Wed Feb 11 18:53:41 2015				
	Background	Aluminum	Magnesium					
Window 1	613.01	6027.40	27508.60	cps				
Window 2	48.21	1424.77	7132.66	cps				
Window 4	266.48	1373.19	5767.15	cps				
Window 5	622.07	10090.30	18937.90	cps				
Window 6	49.07	1682.84	3271.18	cps				
Window 8	298.04	3248.38	5980.58	cps				
Bulk Density	-	2.6020	1.6830	g/cc				
Pe	-	3.0000	2.5070	b/e				
LS Alpha:	: -1.8451	SS Alpha:	: -0.7542	LS CPE:		: 1.0882		
LS Beta:	: 138648.8473	SS Beta:	: 21960.9250	SS CPE:		: 1.5181		

Before Survey Background Counts Verification				Performed: Wed Dec 31 18:00:00 1969				
Window 1	0.00	cps						
Window 2	0.00	cps						
Window 4	0.00	cps						
Window 5	0.00	cps						
Window 6	0.00	cps						
Window 8	0.00	cps						

After Survey Background Counts Verification				Performed: Wed Dec 31 18:00:00 1969				
Window 1	0.00	cps						
Window 2	0.00	cps						
Window 4	0.00	cps						
Window 5	0.00	cps						
Window 6	0.00	cps						
Window 8	0.00	cps						

Lithodensity Caliper Calibration				Performed: Wed Feb 11 18:53:41 2015				
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Results	Readings	References (in)			
Low	High	Low	High	Gain	Offset
5123.0	9461.6	8.5	14.0	0.0	1.4
Before Survey Caliper Verification		Performed:			
	Reference	Reading			
Caliper (in)	_____	_____			
After Survey Caliper Verification		Performed:			
	Reference	Reading			
Caliper (in)	_____	_____			
Compensated Neutron Calibration Report					
		Serial Number:	080620PMC		
		Tool Model:	NABORS		
PRE-SURVEY VERIFICATION					
Detector	Readings	Measured		Target	
Short Space	cps				
Long Space	cps	pu		pu	
POST-SURVEY VERIFICATION					
Detector	Readings	Measured		Target	
Short Space	cps				
Long Space	cps	pu		pu	
Gamma Ray Calibration Report					
Serial Number:		46001			
Tool Model:		Probe1			
Performed:		Mon Nov 24 09:45:18 2014			
Calibrator Value:		1.0	GAPI		
Background Reading:		0.0	cps		
Calibrator Reading:		1.0	cps		
Sensitivity:		0.2600	GAPI/cps		