



COMPENSATED
DENSITY/NEUTRON
PE LOG

Company DARRAH OIL COMPANY, LLC.		Company DARRAH OIL COMPANY, LLC.	
Well	SEALOCK #1-16	Well SEALOCK #1-16	
Field	UNNAMED	Field UNNAMED	
County	SHERIDAN	County SHERIDAN	
State	KANSAS	State KANSAS	
Location:		API # : 15-179-21489-0000	
Permanent Datum		GROUND LEVEL Elevation 2690	
Log Measured From		KELLY BUSHING 5' A.G.L	
Drilling Measured From		KELLY BUSHING	
SEC 16 TWP 7S RGE 27W		Other Services DIL/MEL SONIC	
Elevation		K.B. 2695 D.F. 2693 G.L. 2690	
Date	9/5/22		
Run Number	ONE		
Depth Driller	4505		
Depth Logger	4507		
Bottom Logged Interval	4483		
Top Log Interval	3300		
Casing Driller	8 5/8" @ 304		
Casing Logger	304		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 1.000 PPM	
Density / Viscosity	9.6/78		
pH / Fluid Loss	10/8.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.50 @ 82F		
Rmt @ Meas. Temp	1.13 @ 82F		
Rmc @ Meas. Temp	1.80 @ 82F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	1.02 @ 121F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	12:30 A.M.		
Maximum Recorded Temperature	121F		
Equipment Number	3802		
Location	HAYS, KANSAS		
Recorded By	COLE ROBEN		
Witnessed By	JARRED LEIS		

<<< Fold Here >>>

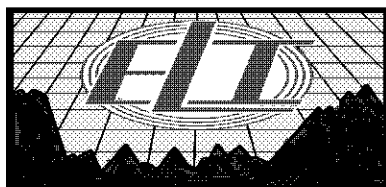
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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 ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395

DIRECTIONS:

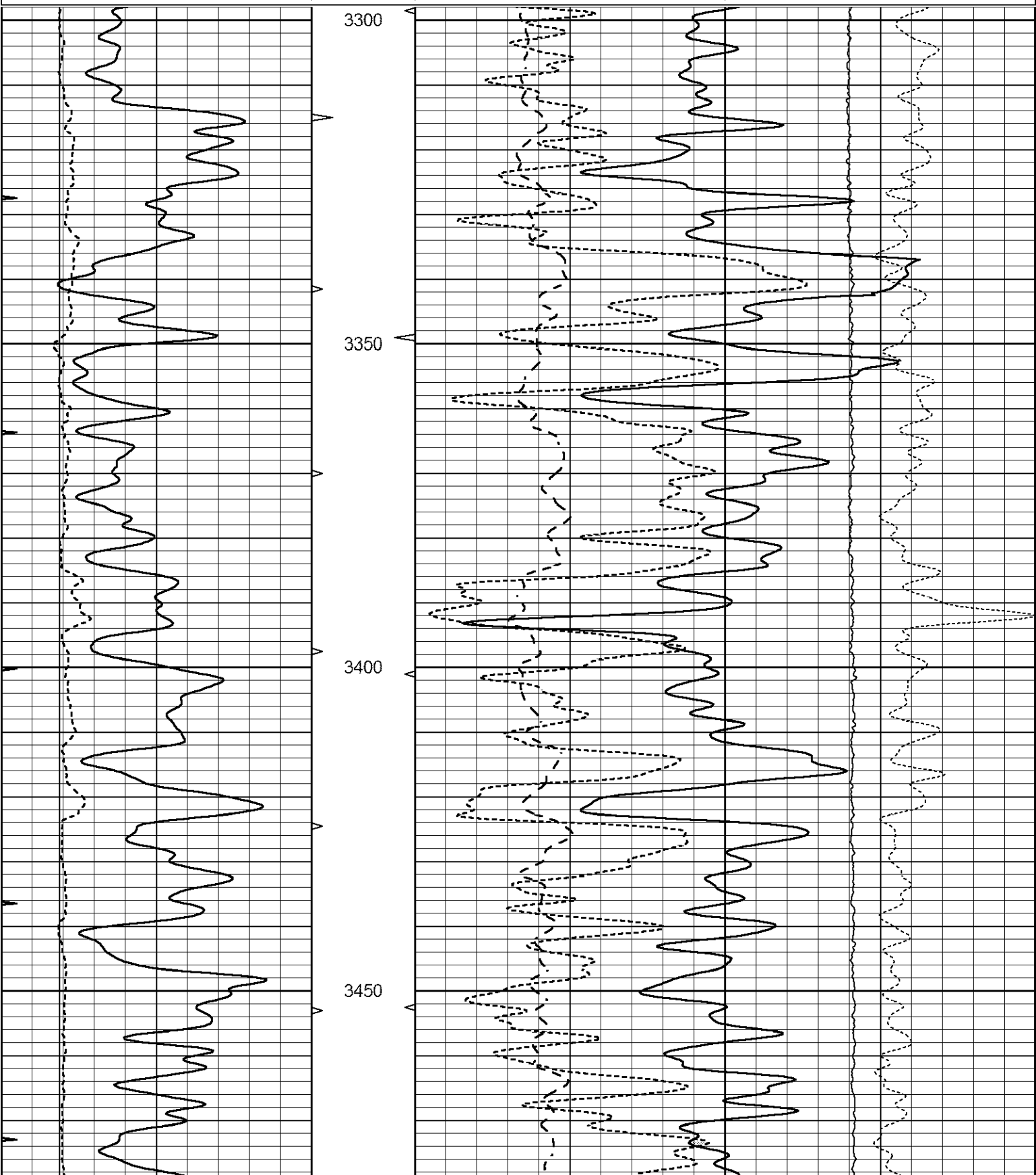
NORTH OF HOXIE, KS ON KS-23 FOR 5.5 MILES TO COUNTY ROAD 380, GO EAST FOR 5.6 MILES, NORTH INTO

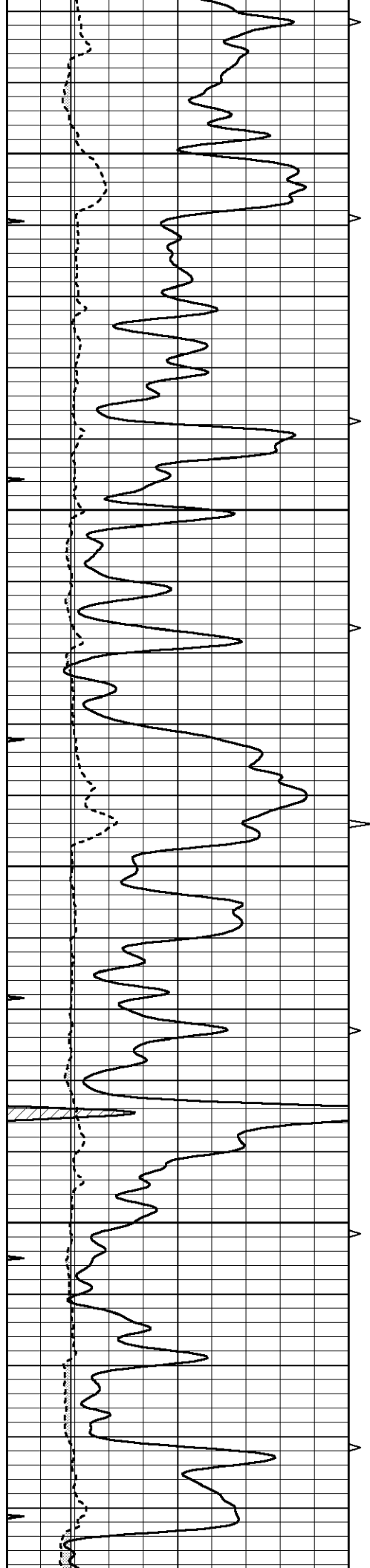


MAIN SECTION

Database File	7008pe.db
Dataset Pathname	pass3M
Presentation Format	_ldt_neu
Dataset Creation	Mon Sep 05 03:00:12 2022
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
0	MINMK	20	TBHV	0	PE	10	-0.25	CORRECTION (g/cc)	0.25
			0 (ft3)	10			0	LTEN (lb)	5000



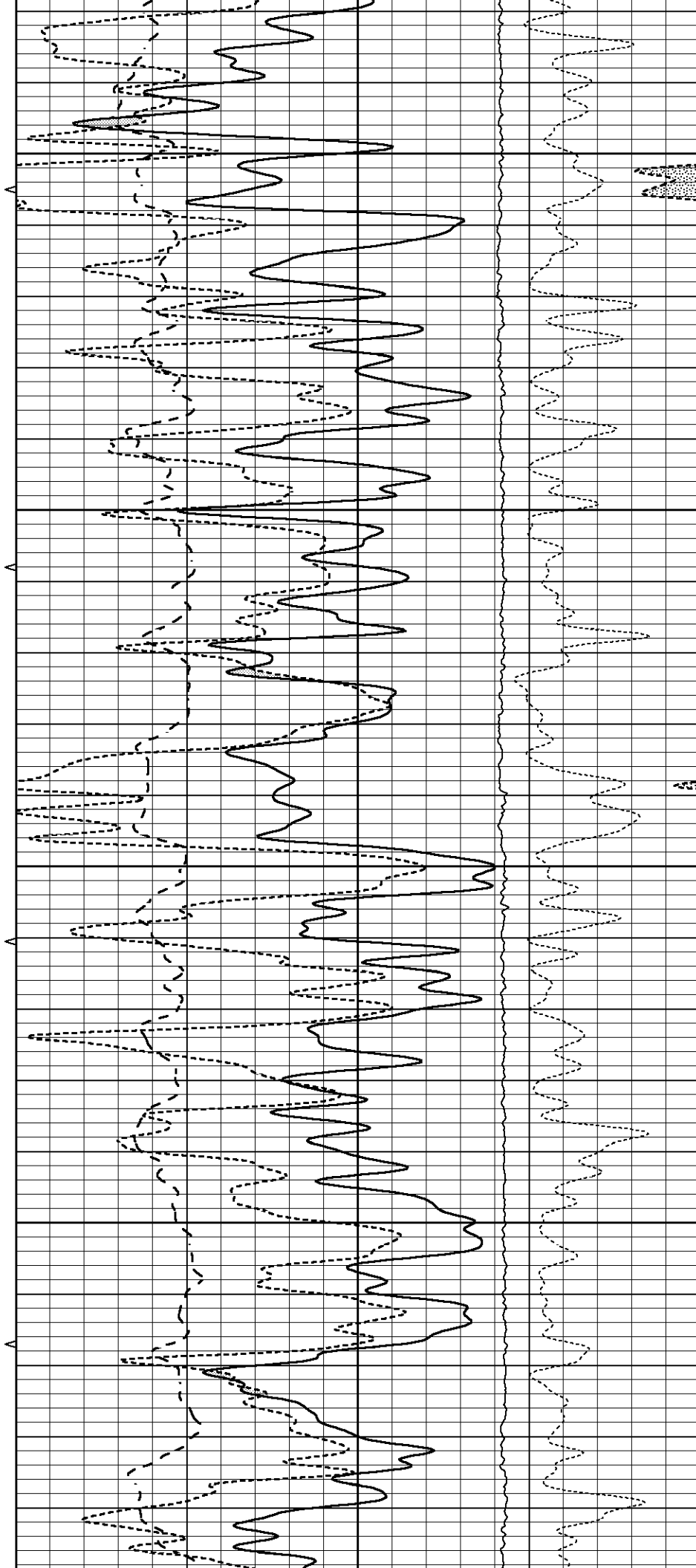


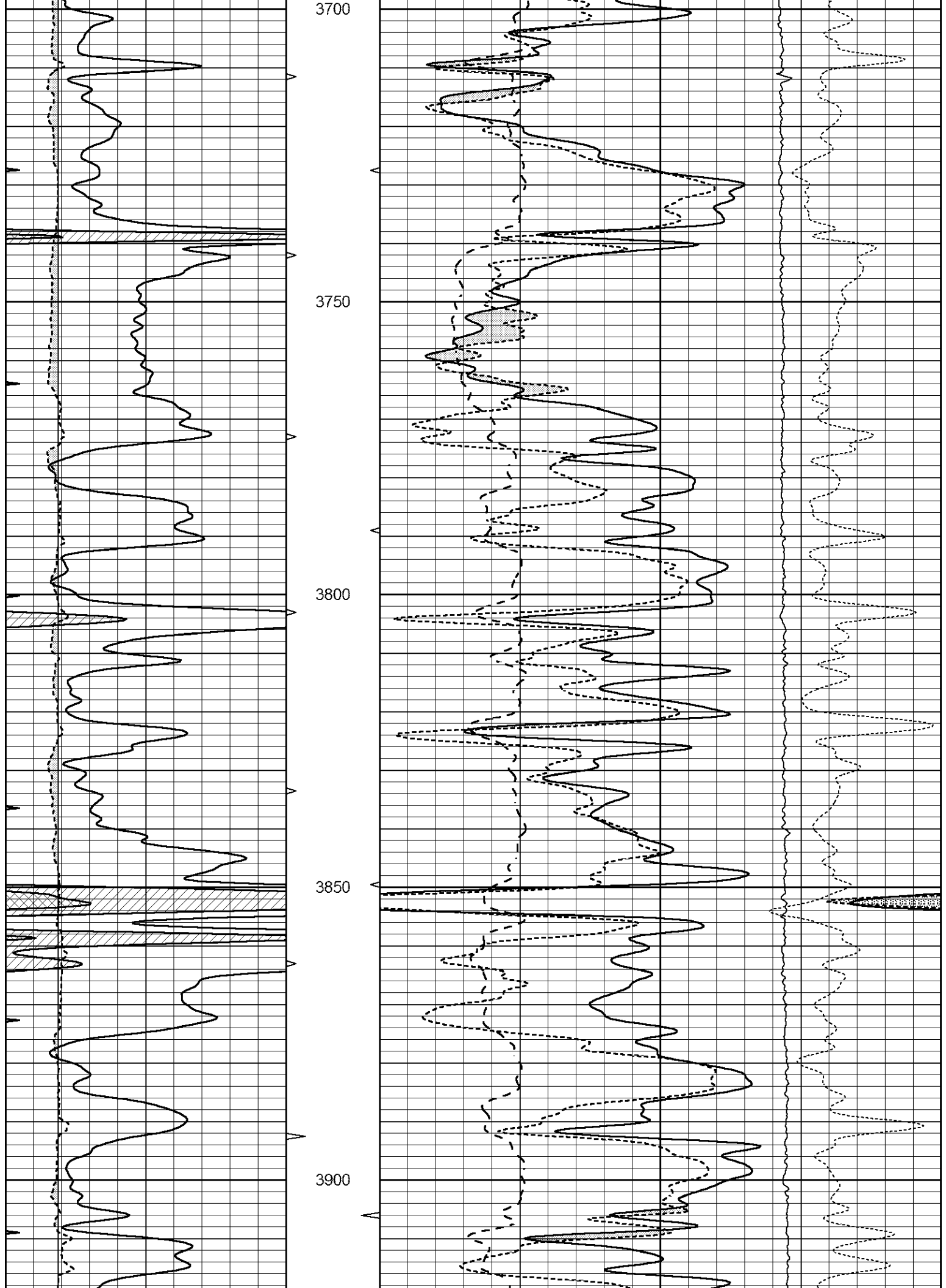
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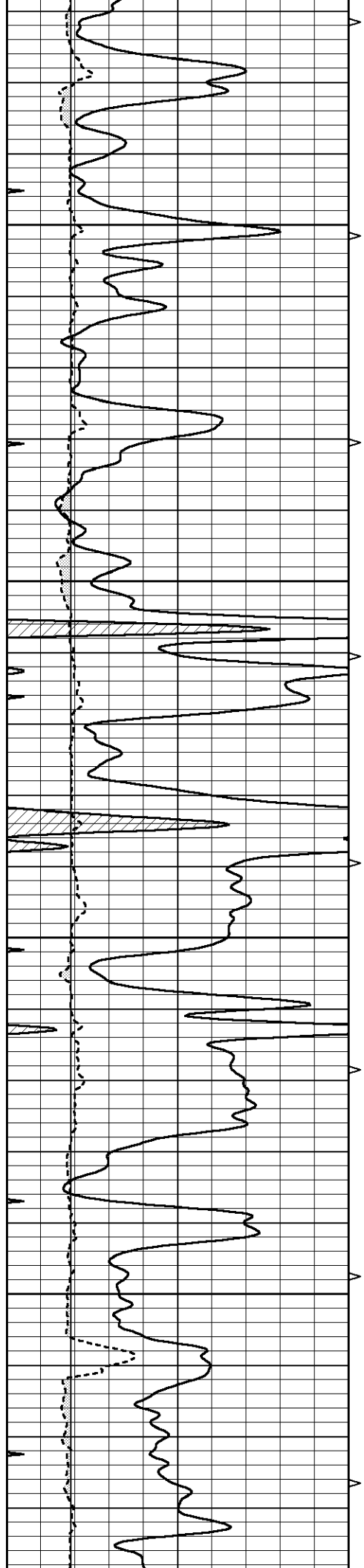
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3600

3650





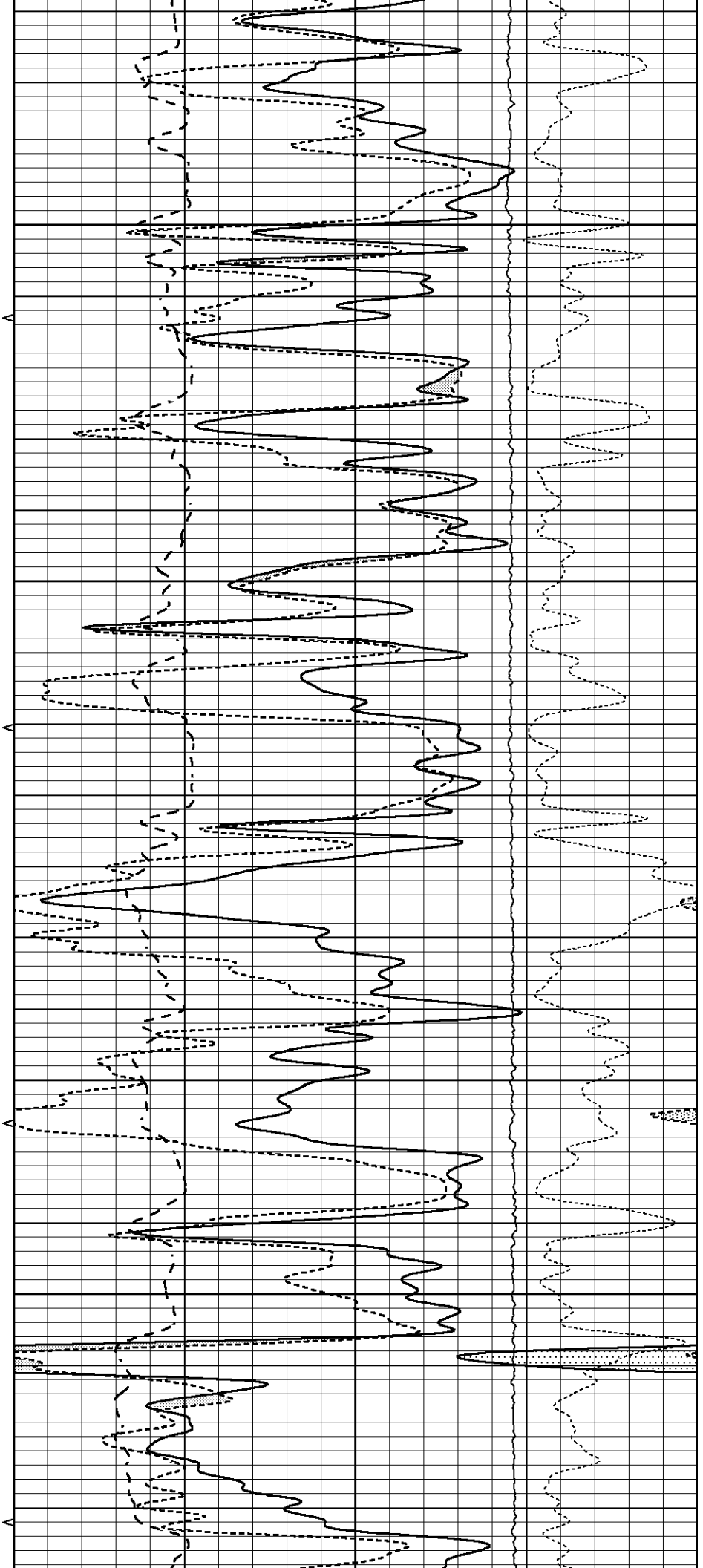


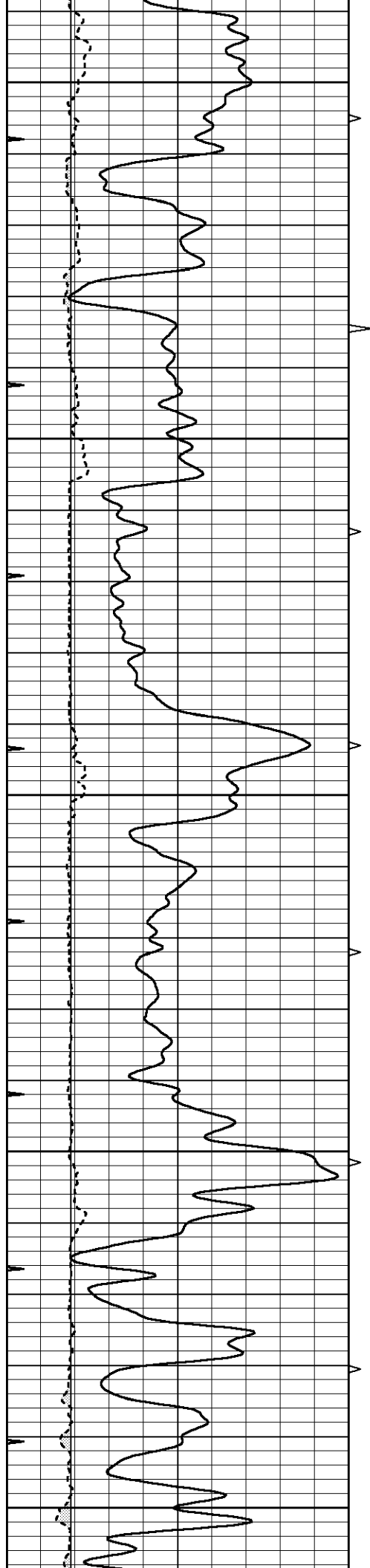
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4050

4100





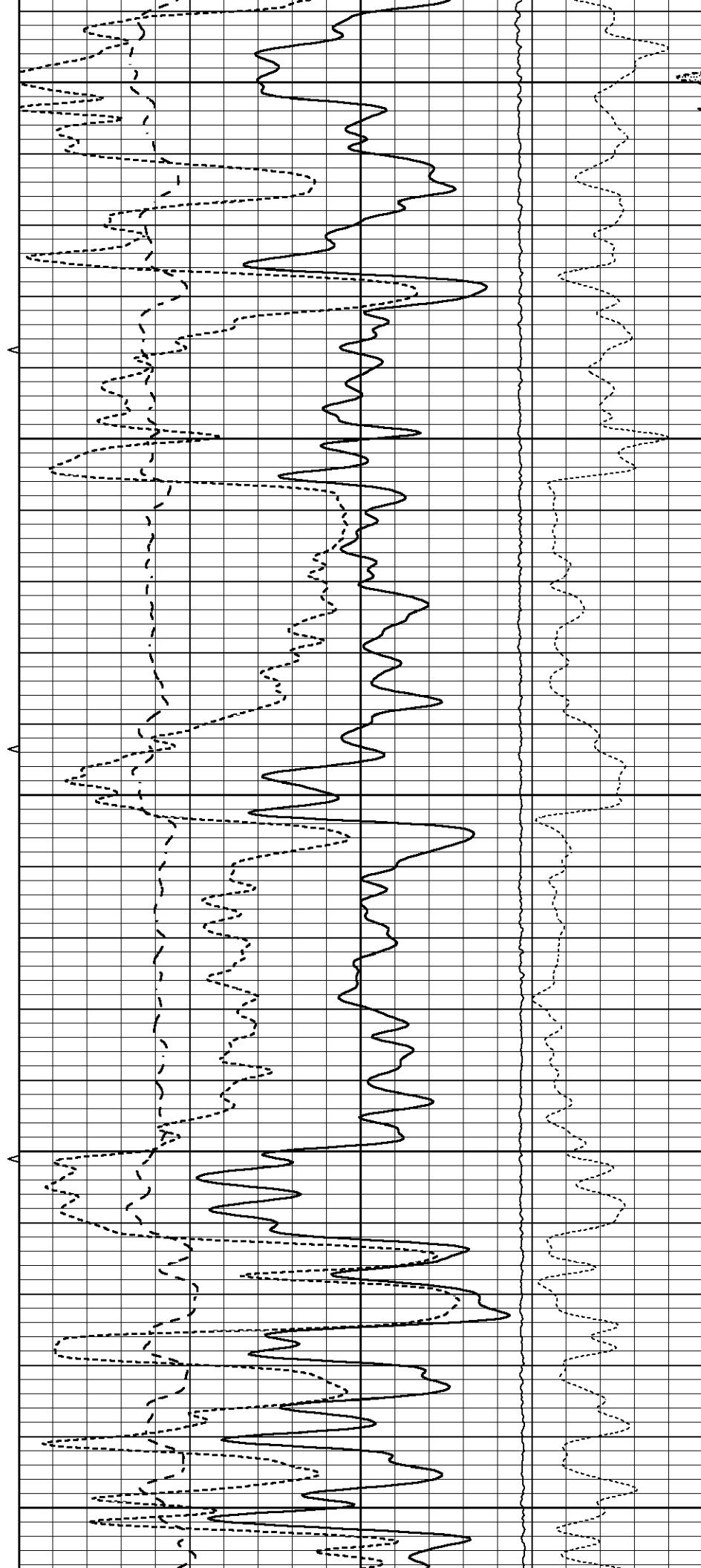
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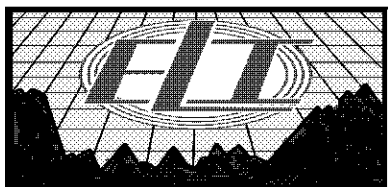
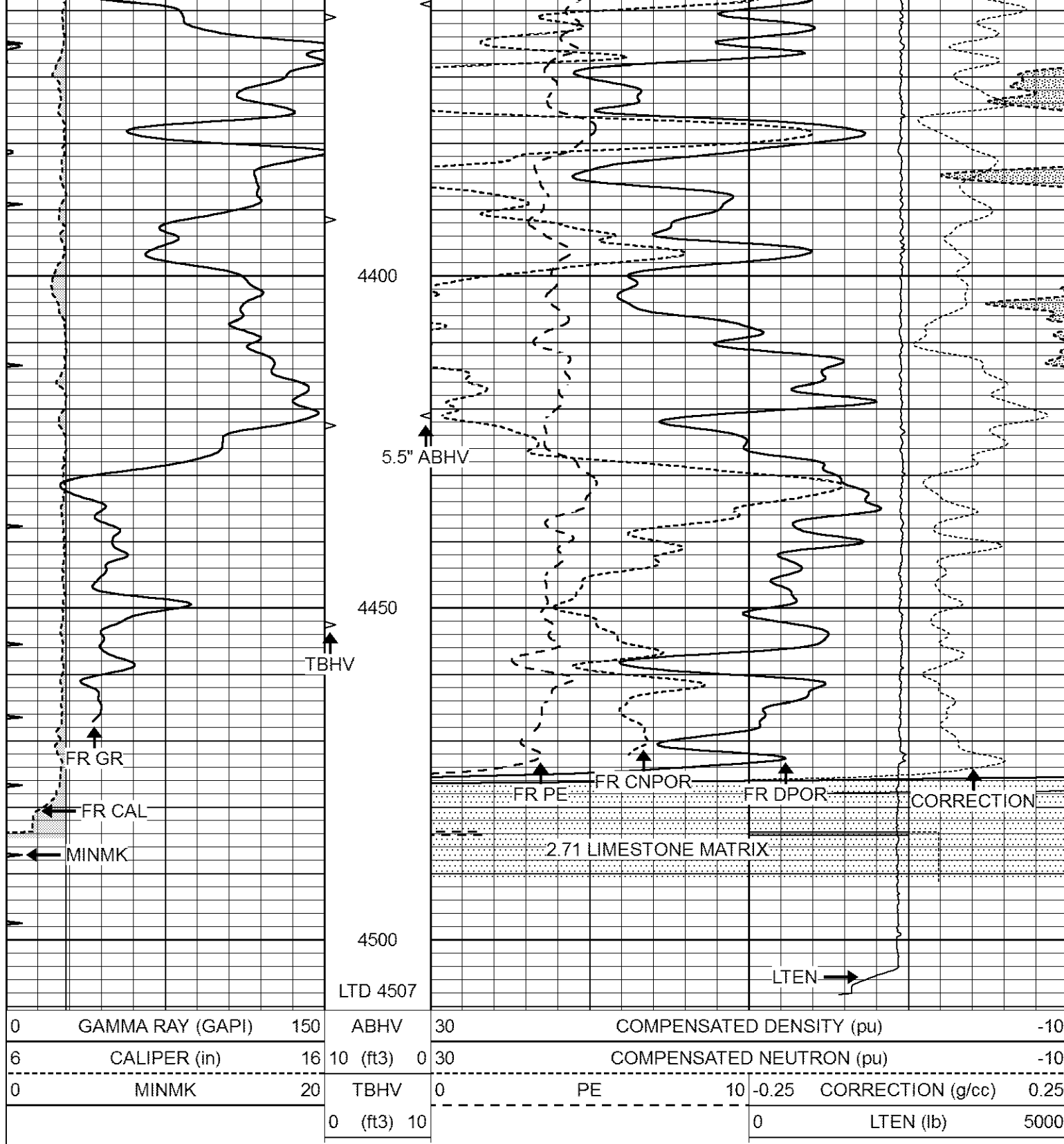
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4250

4300

4350



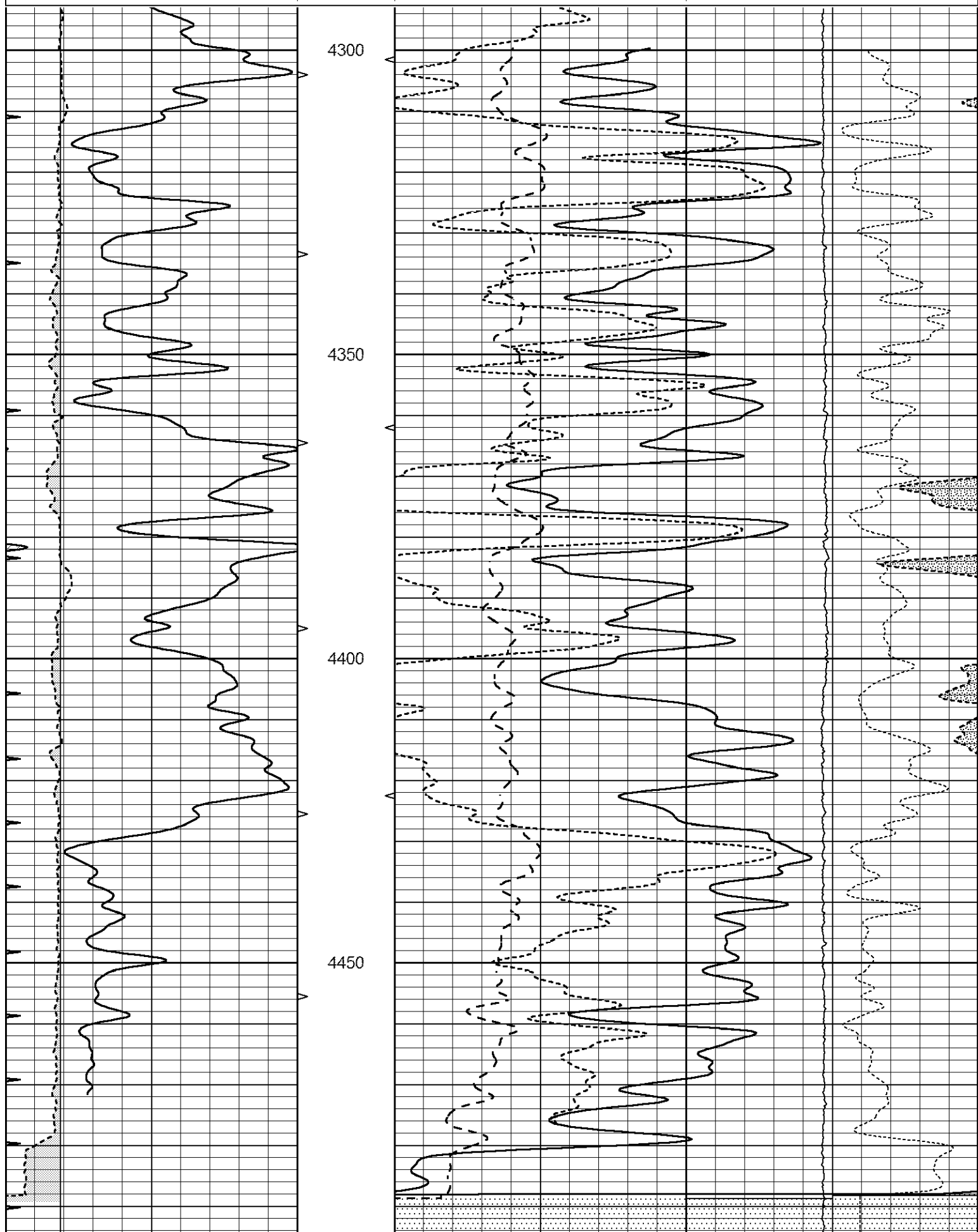


REPEAT SECTION

Database File 7008pe.db
 Dataset Pathname pass2.1
 Presentation Format _ldt_neu
 Dataset Creation Mon Sep 05 03:13:12 2022
 Charted by Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)	-10
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6	GAMMA RAY (GAPI)	150	ABHV	50	COMPENSATED NEUTRON (pu)	-10
0	CALIPER (in)	16	10 (ft3)	0	30	
0	MINMK	20	TBHV	0	PE	10 -0.25
			0 (ft3)	10		CORRECTION (g/cc) 0.25
						0 LTEN (lb) 5000



Master Calibration	Performed: Wed Jul 20 12:36:34 2022
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	Background	Aluminum	Magnesium		
Window 1	503.67	5439.20	23645.11	cps	
Window 2	40.11	1218.66	5702.60	cps	
Window 4	221.18	1240.69	5295.43	cps	
Window 5	542.56	7631.48	14305.13	cps	
Window 6	41.67	1209.53	2345.40	cps	
Window 8	256.91	2493.92	4591.85	cps	
Bulk Density	-	2.6020	1.6830	g/cc	
Pe	-	3.0000	2.5070	b/e	
LS Alpha:	: -1.8302	SS Alpha:	: -0.7503	LS CPE:	: 1.1699
LS Beta:	: 122464.5983	SS Beta:	: 16307.0478	SS CPE:	: 1.6095

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 Jul 20 12:36:34 2022	
Results	Readings	References (in)			
Low	High	Low	High	Gain	Offset
11331.0	15645.5	8.0	14.0	0.0	-7.8

Before Survey Caliper Verification			Performed:		
	Reference	Reading			
	_____	_____			
Caliper (in)					

After Survey Caliper Verification			Performed:		
	Reference	Reading			
	_____	_____			
Caliper (in)					

Compensated Neutron Calibration Report					
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Serial Number:		080621PMC			
Tool Model:		NABORS			

PRE-SURVEY VERIFICATION					
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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:	7		
Tool Model:	Probe1		
Performed:	Thu May 26 08:56:46 2022		
Calibrator Value:	1.0	GAPI	
Background Reading:	0.0	cps	
Calibrator Reading:	1.0	cps	
Sensitivity:	0.5500	GAPI/cps	