



**COMPLETION
& PRODUCTION
SERVICES CO.**

**COMPENSATED
DENSITY/ NEUTRON
LOG**

Company	MAI OIL OPERATIONS, INC.	Company	MAI OIL OPERATIONS, INC.
Well	ALEX DECHANT #1	Well	ALEX DECHANT #1
Field	WILDCAT	Field	WILDCAT
County	NESS	County	NESS
State	KANSAS	State	KANSAS
Location:	API # : 15-135-25756-00-00 2020' FNL & 1305' FEL NW - SW - SE - NE	Other Services DIL/MEL SONIC	
Permanent Datum	GROUND LEVEL	Elevation	
Log Measured From	KELLY BUSHING 9' A.G.L.	K.B. 2216 D.F. 2214 G.L. 2207	
Drilling Measured From	KELLY BUSHING		
Date	4-25-14		
Run Number	ONE		
Depth Driller	4420		
Depth Logger	4425		
Bottom Logged Interval	4401		
Top Log Interval	3500		
Casing Driller	8 5/8 @ 262'		
Casing Logger	262'		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 6.300	
Density / Viscosity	9.3 / 56		
pH / Fluid Loss	9.5 / 8.8		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	0.50 @ 66F		
Rmf @ Meas. Temp	0.38 @ 66F		
Rmc @ Meas. Temp	0.60 @ 66F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	0.28 @ 120F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	120F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	IAN MABB		
Witnessed By	WYATT URBAN		

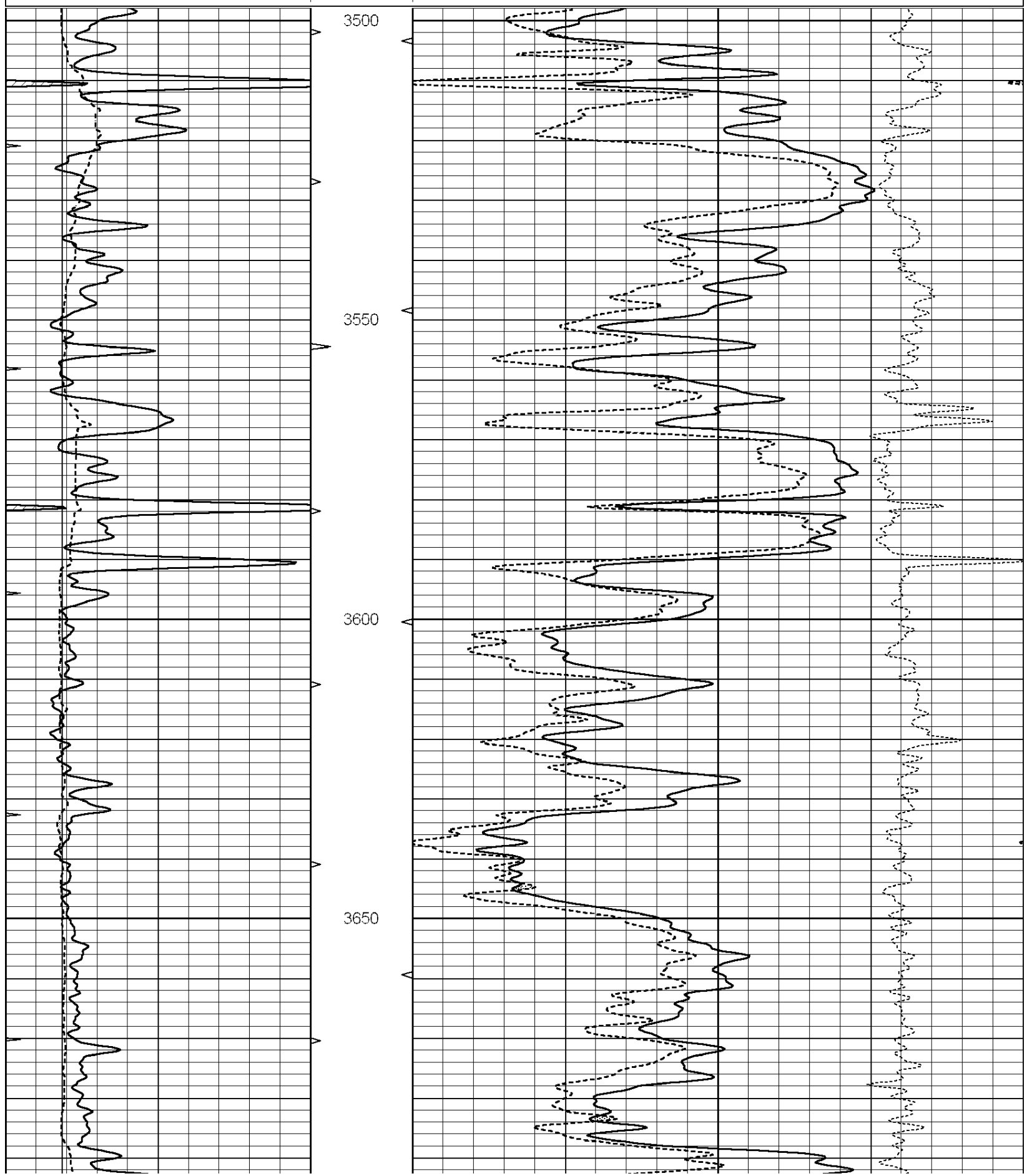
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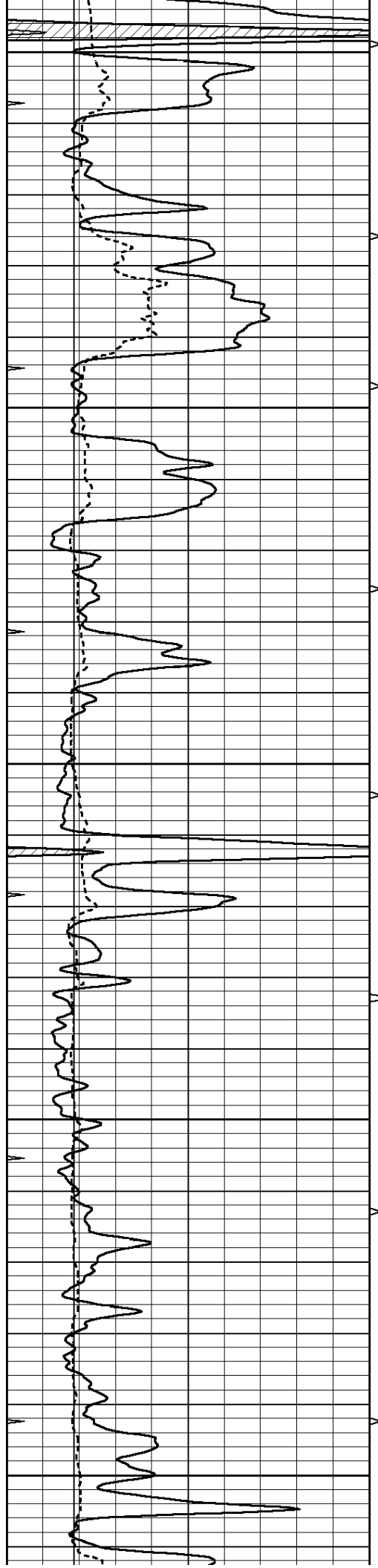
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

NABORS COMPLETION & PRODUCTION SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: NESS CITY, KS. - 8 MILES SOUTH TO RD 40 - 7 MILES EAST - 1/2 SOUTH WEST INTO

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





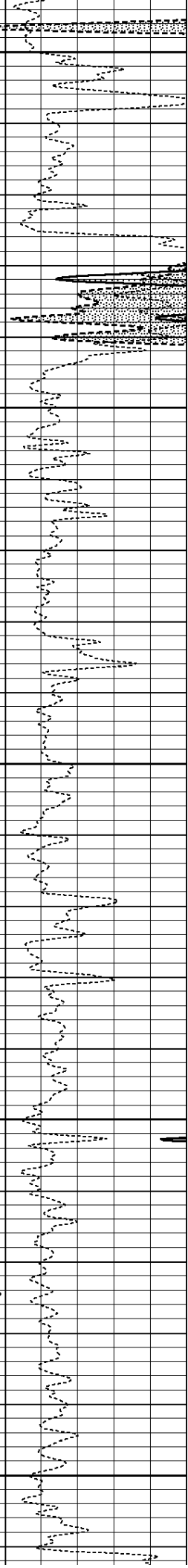
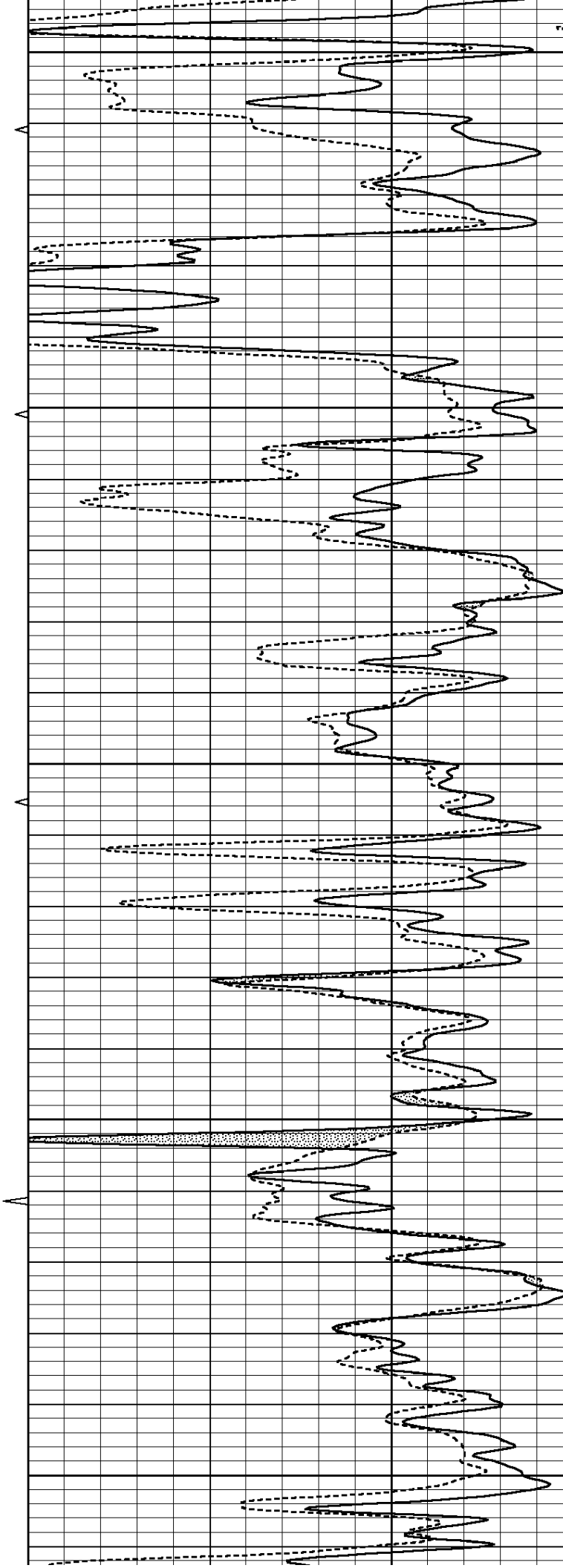
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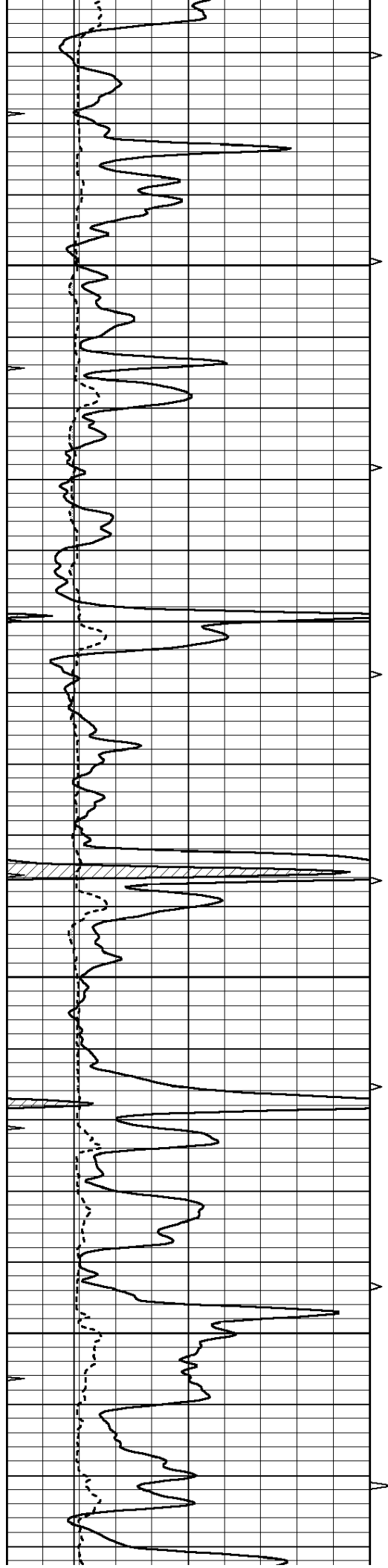
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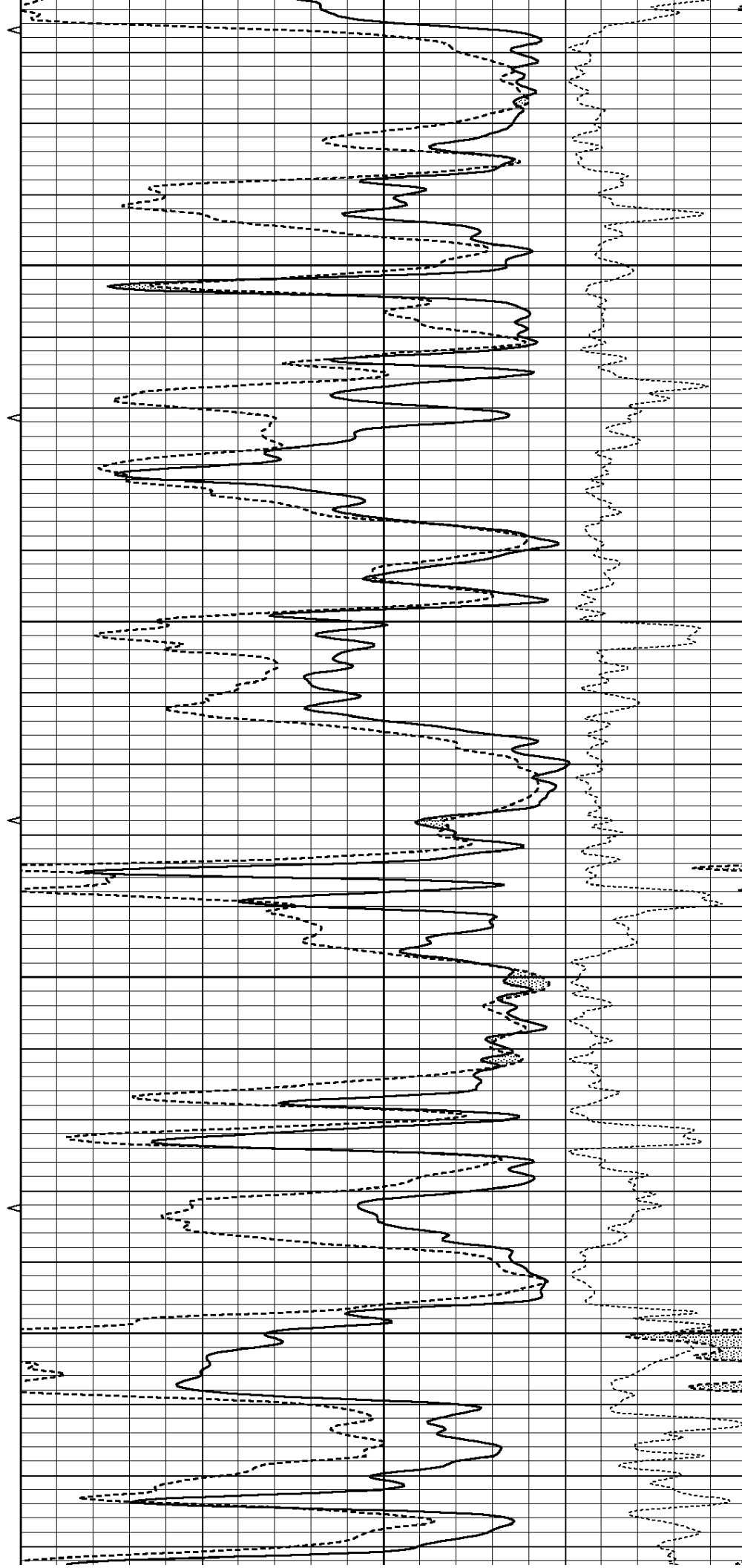


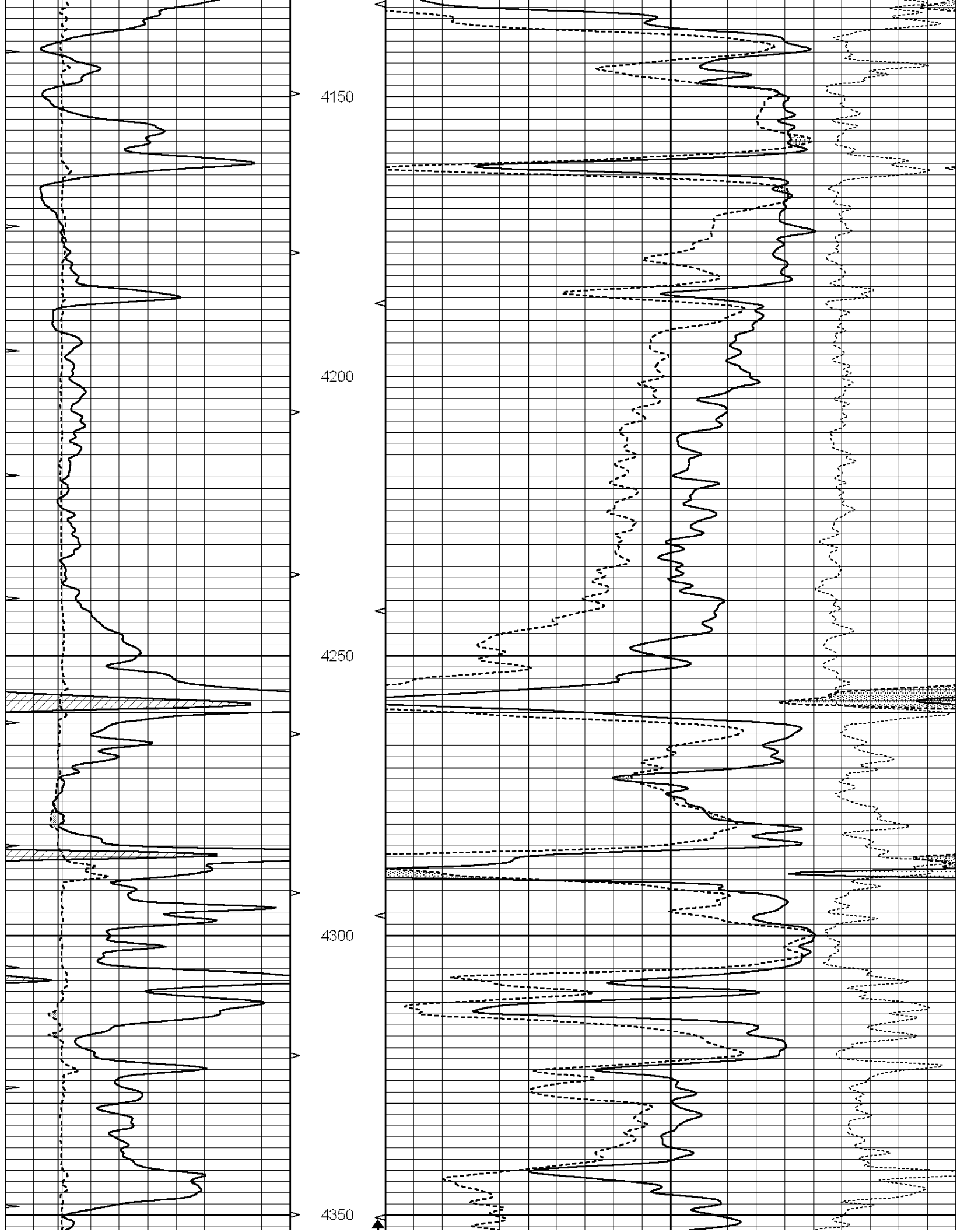
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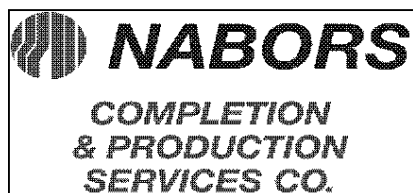
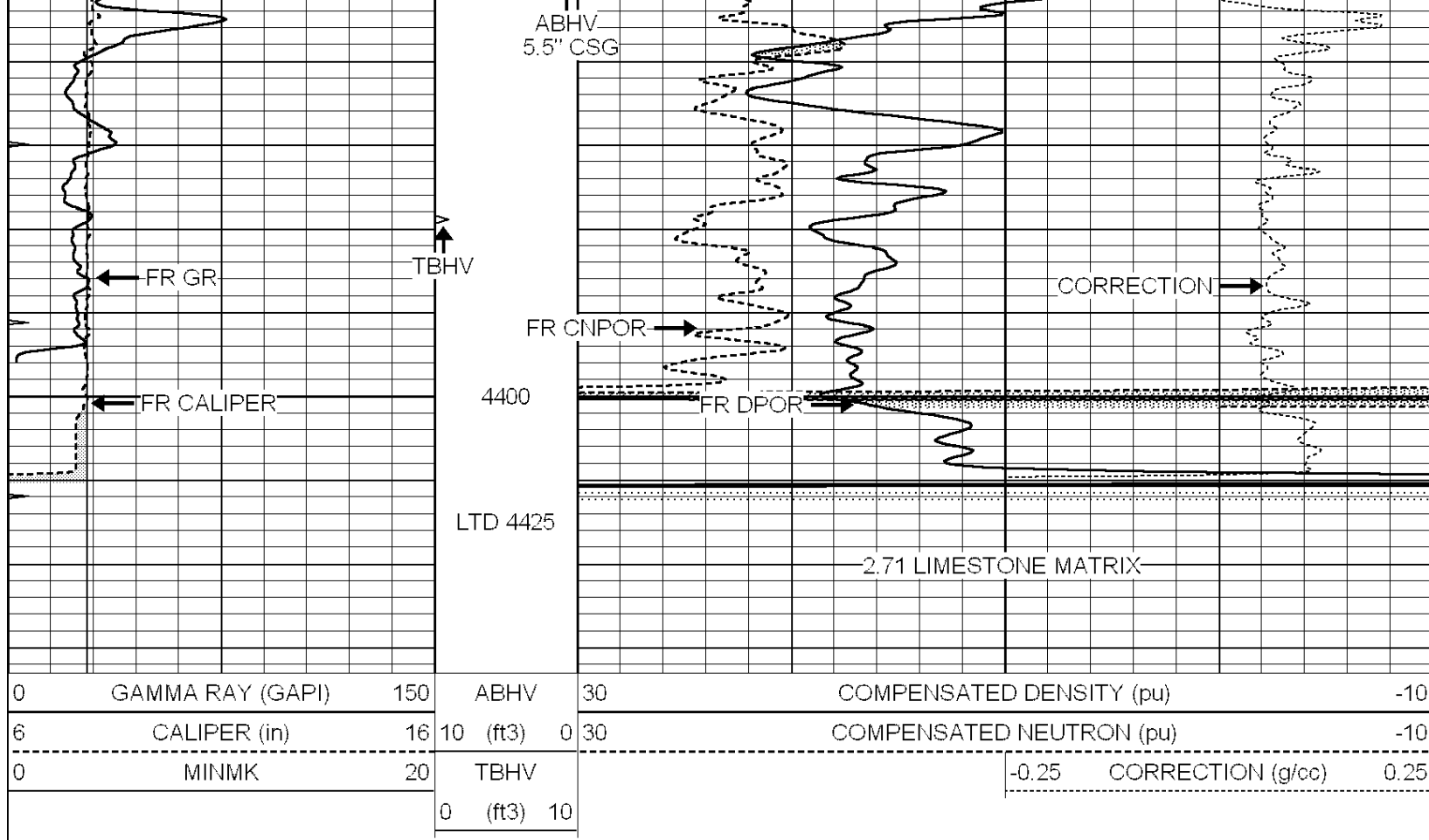
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4050

4100



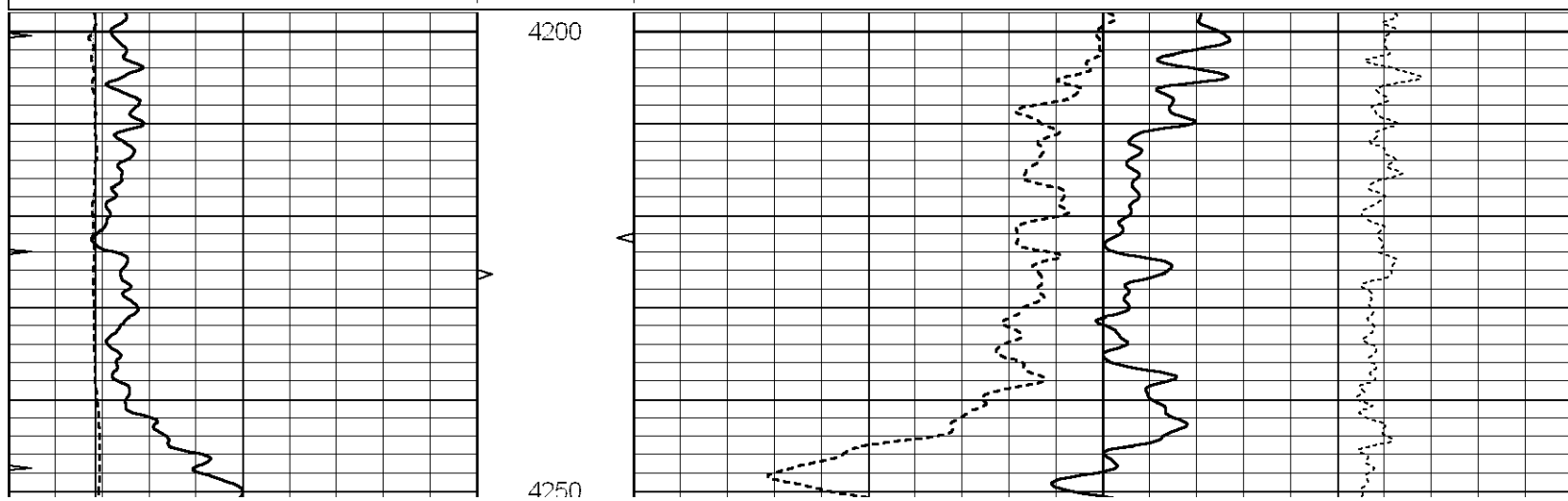


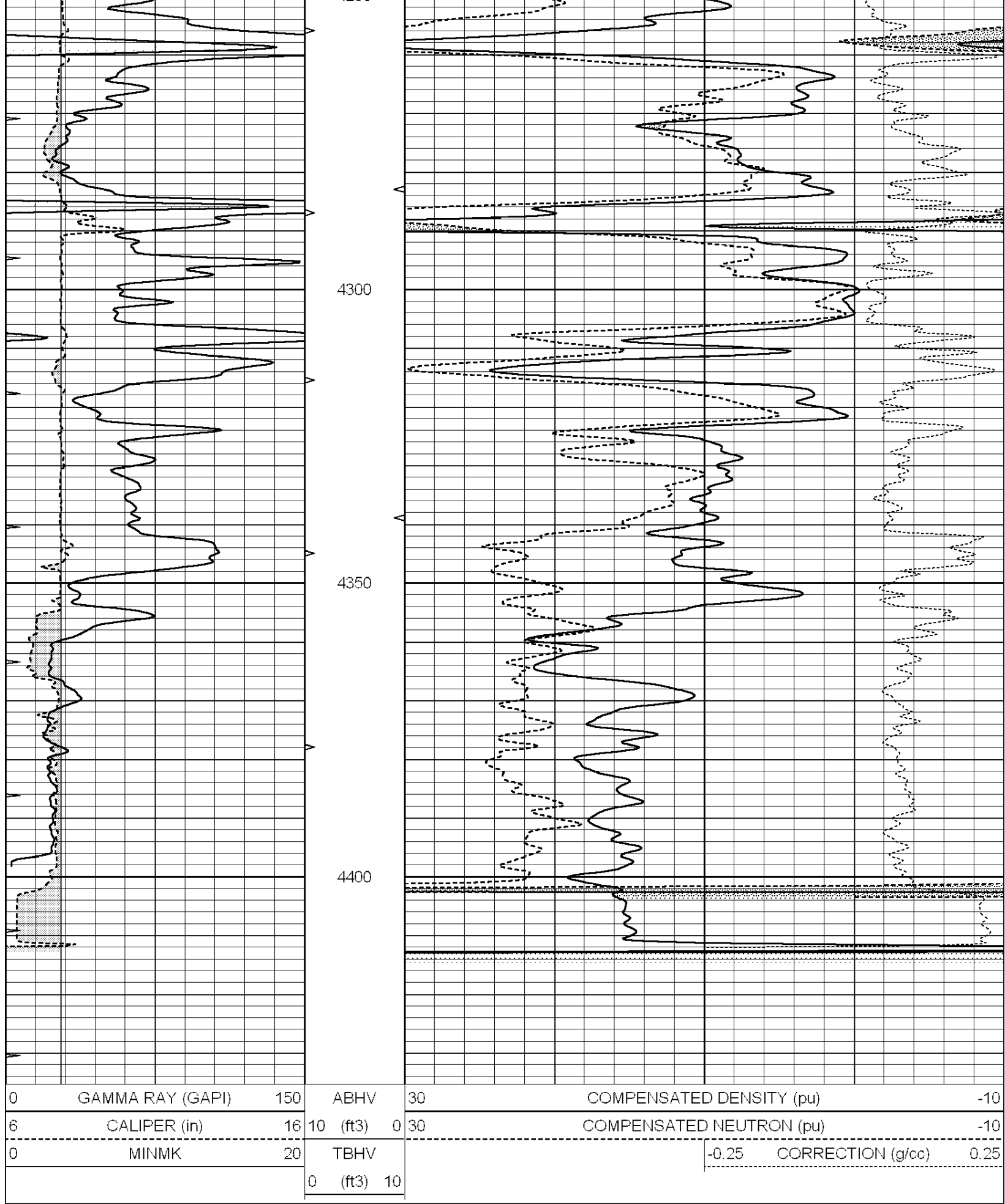


REPEAT SECTION

Database File: 24144ddn.db
 Dataset Pathname: pass2.3
 Presentation Format: _den_neu
 Dataset Creation: Fri Apr 25 04:56:29 2014 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
0	MINMK	20	TBHV		-0.25 CORRECTION (g/cc)	0.25
			0 (ft3)	10		





Calibration Report

Database File: 24144ddn.db

Dataset Pathname: nss3.1

Dual Induction Calibration Report

Serial-Model: DIL3-GEAR
 Performed: Fri Apr 18 20:58:05 2014

Loop:	Readings			References			Results	
	Air	Loop		Air	Loop		m	b
Deep	0.011	0.656	V	0.000	400.000	mmho/m	500.000	6.000
Medium	0.013	0.740	V	0.000	462.500	mmho/m	540.000	5.000
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.002	0.645	V	0.000	400.000	mmho/m	560.000	-1.071
Medium	0.007	0.740	V	0.000	462.500	mmho/m	540.000	-4.000

Compensated Density Calibration Report

Serial-Model: GEAR1-GEARHART
 Source / Verifier: 147 / 147
 Master Calibration Performed: Fri Apr 18 18:53:26 2014

Master Calibration

	Density		Far Detector	Near Detector	
Magnesium	1.710	g/cc	1211.27	625.92	cps
Aluminum	2.590	g/cc	267.11	413.26	cps
Spine Angle = 74.64			Density/Spine Ratio = 0.561		
	Size		Reading		
Small Ring	8.20	in	5.18	V	
Large Ring	14.00	in	8.18	V	

Compensated Neutron Calibration Report

Serial Number: 080620
 Tool Model: Probe

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: 7
 Tool Model: Probe1
 Performed: Fri Apr 18 20:57:05 2014

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
 Calibrator Reading: 1.0 cps

Sensitivity:

0.4500

GAPI/cps