

COMPENSATED DENSITY/NEUTRON LOG

Company	TRANS PACIFIC OIL CORPORATION		
Well	MCMANNIS B UNIT #1-34		
Field	WILDCAT		
County	PRATT		
State	KANSAS		
Company	TRANS PACIFIC OIL CORPORATION		
Well	MCMANNIS B UNIT #1-34		
Field	WILDCAT		
County	PRATT		
State	KANSAS		
Location:	API # : 15-151-22462-00-00		Other Services
	105' FSL & 840' FWL		DIL/MEL SONIC
	SEC 34 TWP 26S RGE 15W		Elevation
Permanent Datum	GROUND LEVEL		Elevation 2055
Log Measured From	KELLY BUSHING 11' A.G.L.		K.B. 2066 D.F. 2053 G.L. 2055
Drilling Measured From	KELLY BUSHING		
Date	06/09/17		
Run Number	ONE		
Depth Driller	4530		
Depth Logger	4531		
Bottom Logged Interval	4507		
Top Log Interval	3200		
Casing Driller	8 5/8" @ 264		
Casing Logger	264		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD		CHLORIDES 5000 PPM
Density / Viscosity	9.1/55		
pH / Fluid Loss	10.0/9.6		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.7@82		
Rmt @ Meas. Temp	.52@82		
Rmc @ Meas. Temp	.84@82		
Source of Rmt / Rmc	MEASURED		
Rm @ BHT	.47@120		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	///		
Maximum Recorded Temperature	120F		
Equipment Number	4010		
Location	HAYS, KANSAS		
Recorded By	GUS PFANENSTIEL		
Witnessed By	MAX LOVELY		

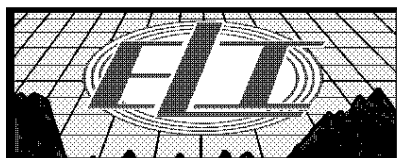
<<< Fold Here >>>

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, HAYS, KS. (785) 628-6395

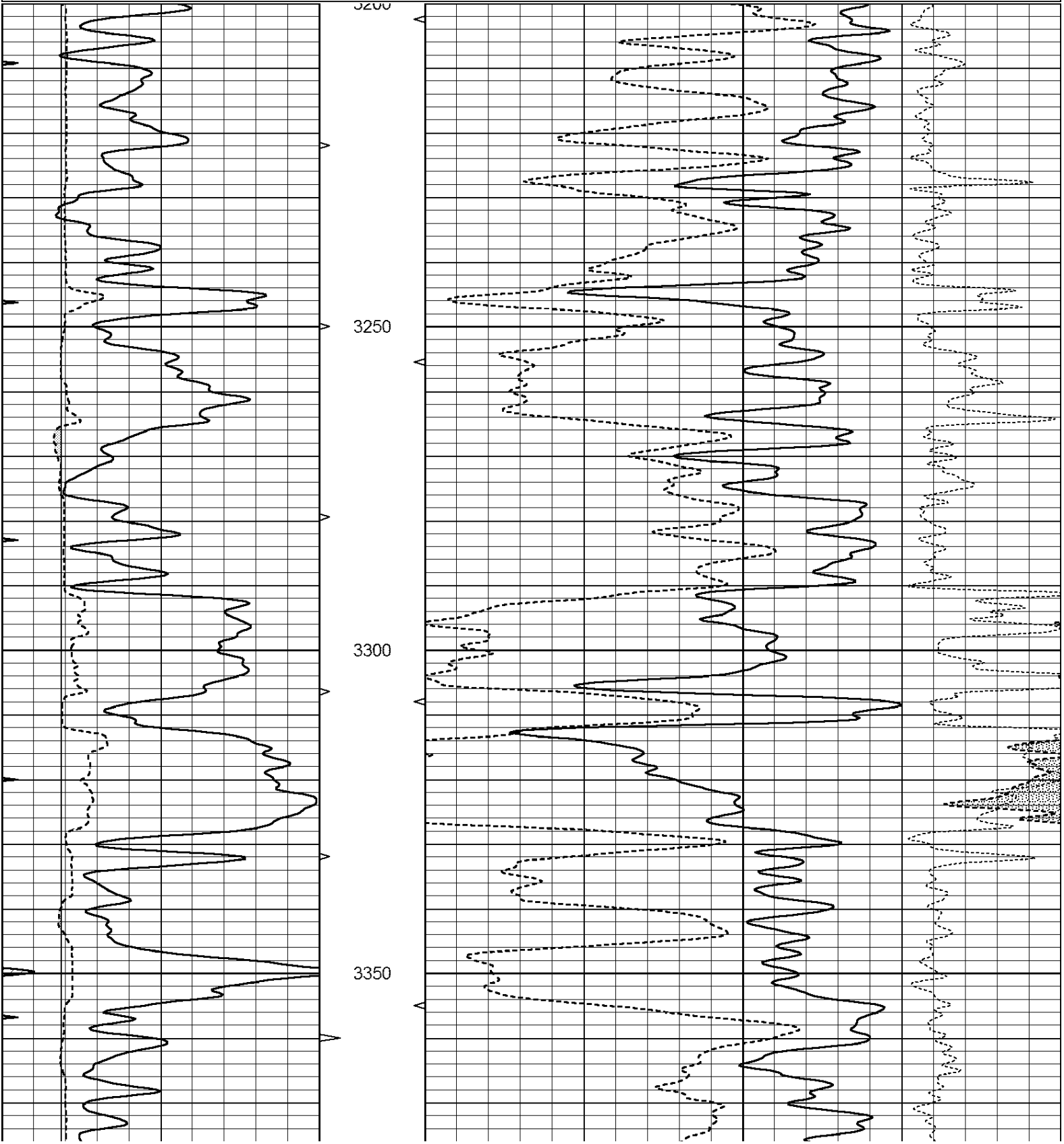
DIRECTIONS
WEST OF PRATT TO BYERS RD. NORTH TO 50 RD.
3 WEST, 1 NORTH,
1 WEST.

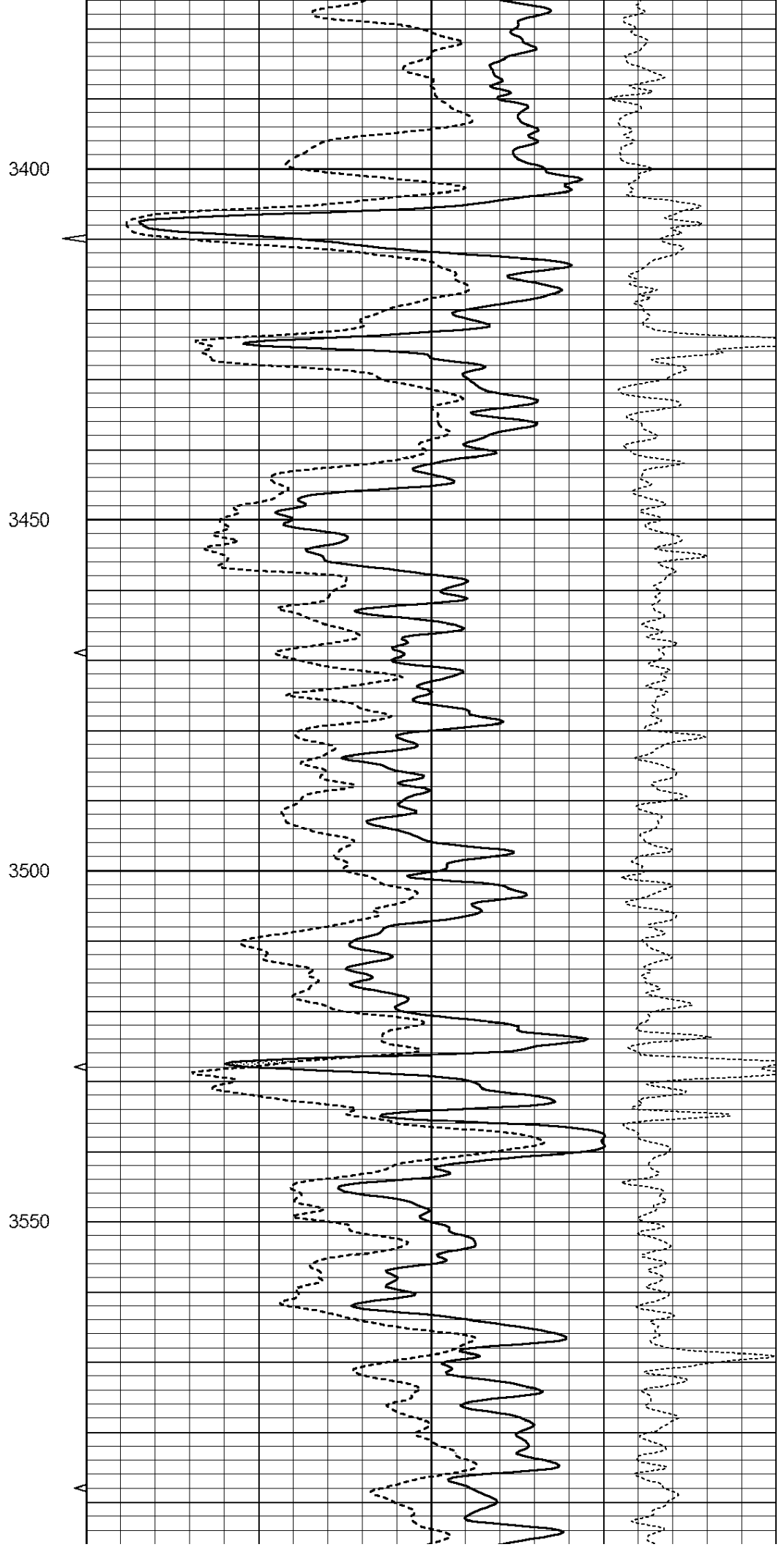
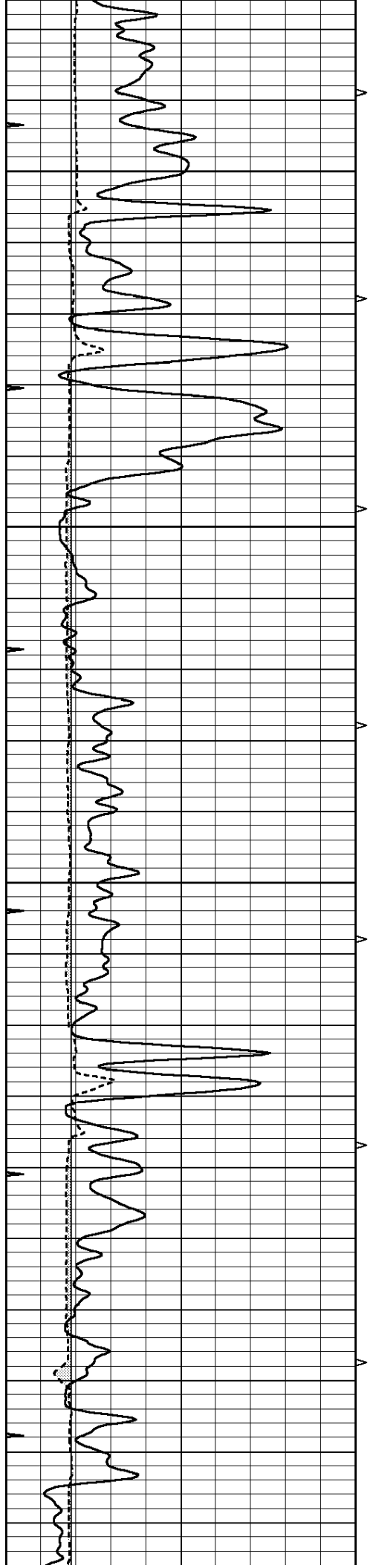


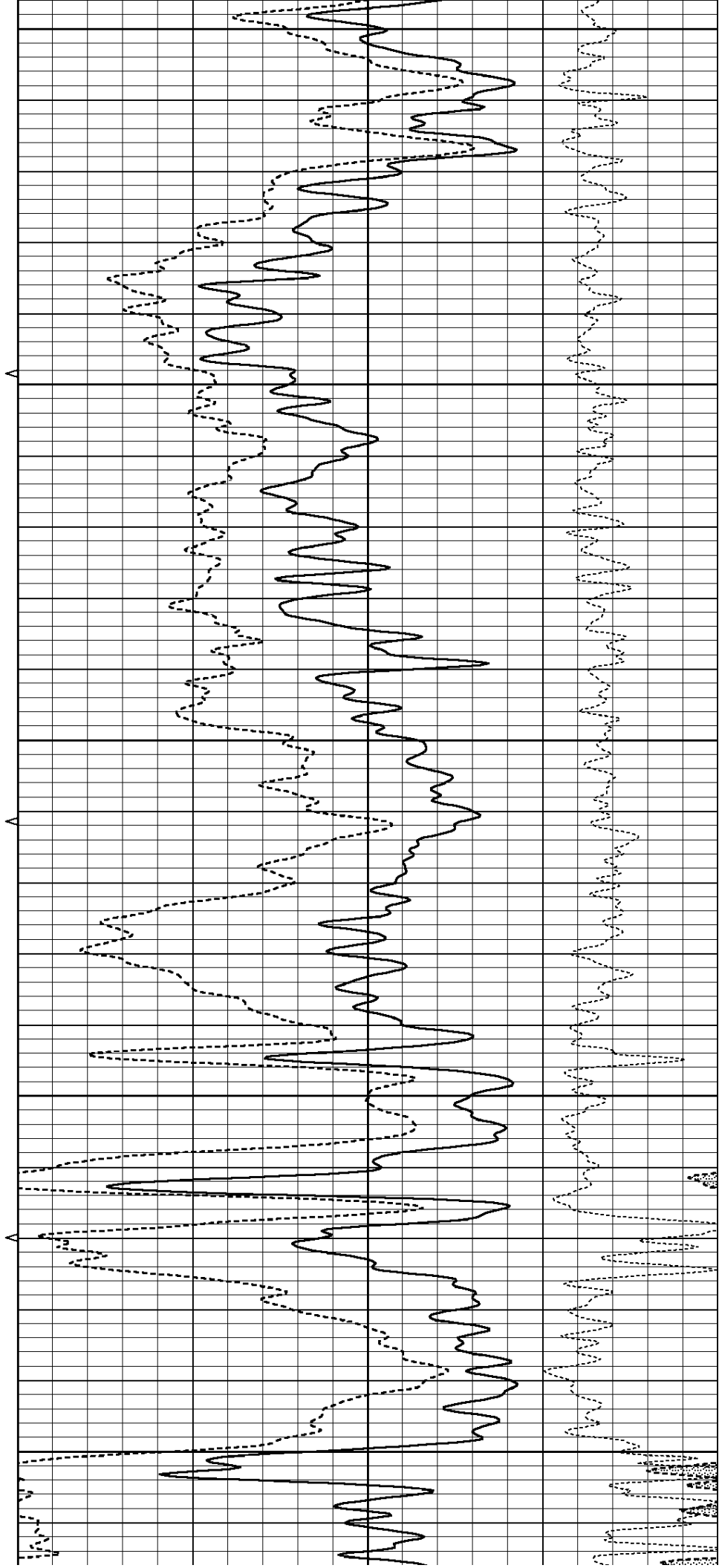
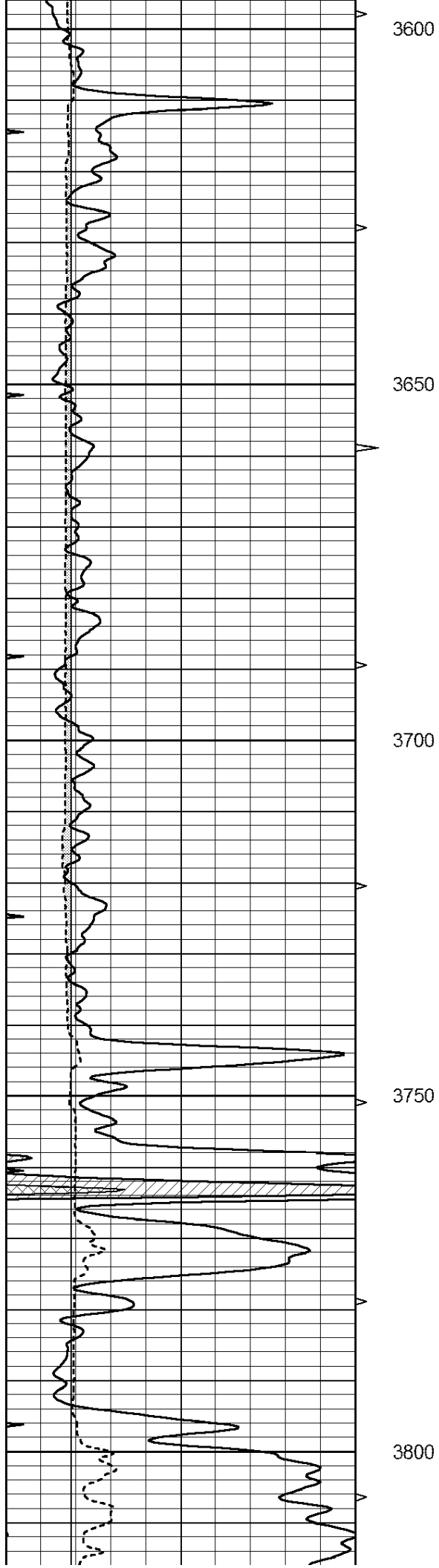
MAIN PASS

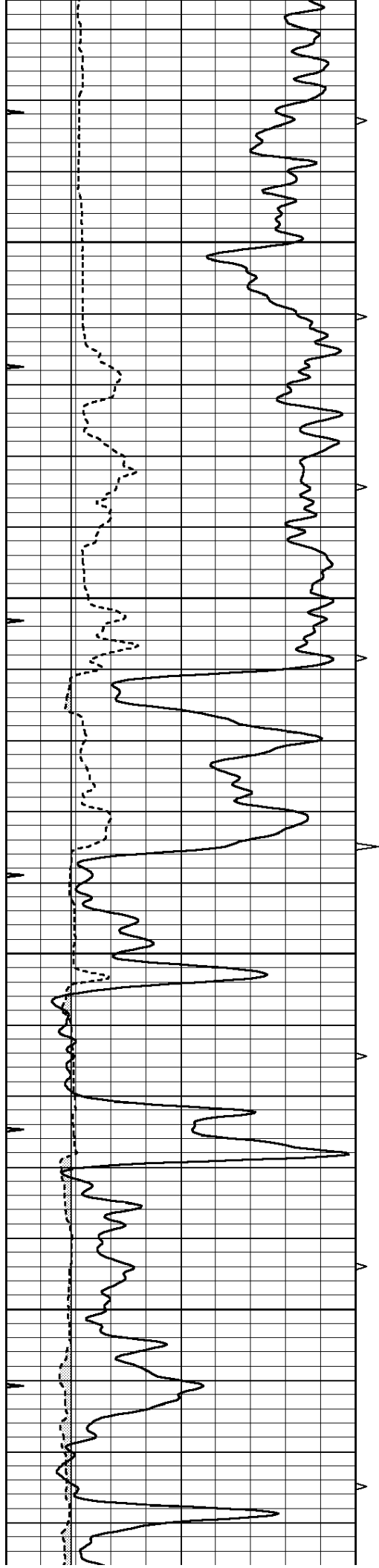
Database File: 1470ddn.db
Dataset Pathname: pass4.1
Presentation Format: den_neu
Dataset Creation: Sat Jun 10 00:55:48 2017 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:240

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		







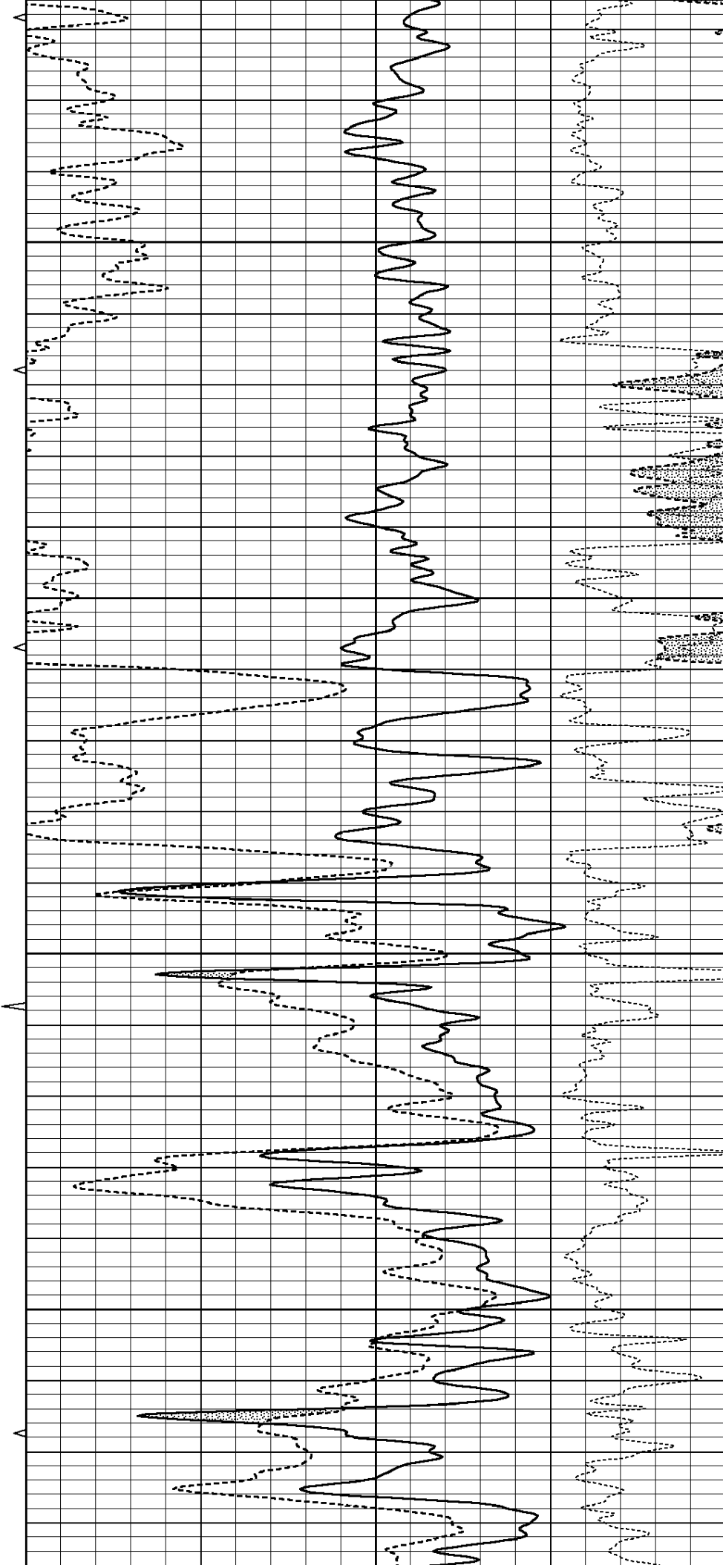


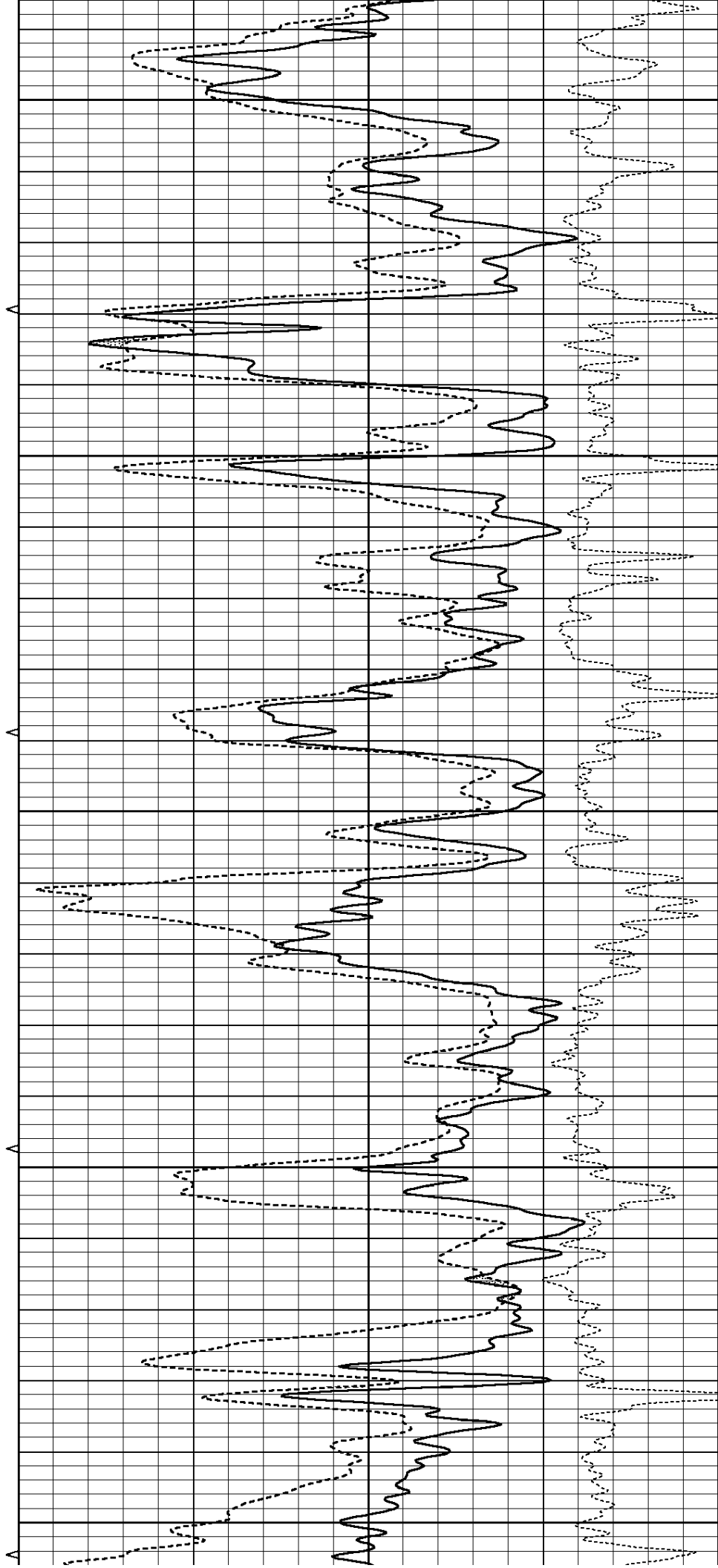
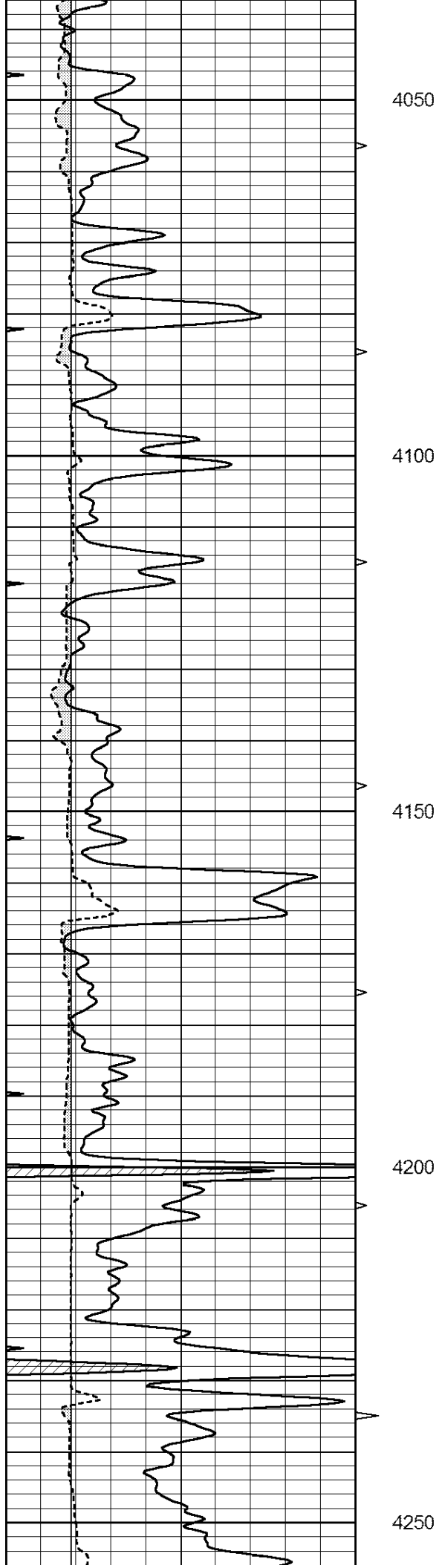
3850

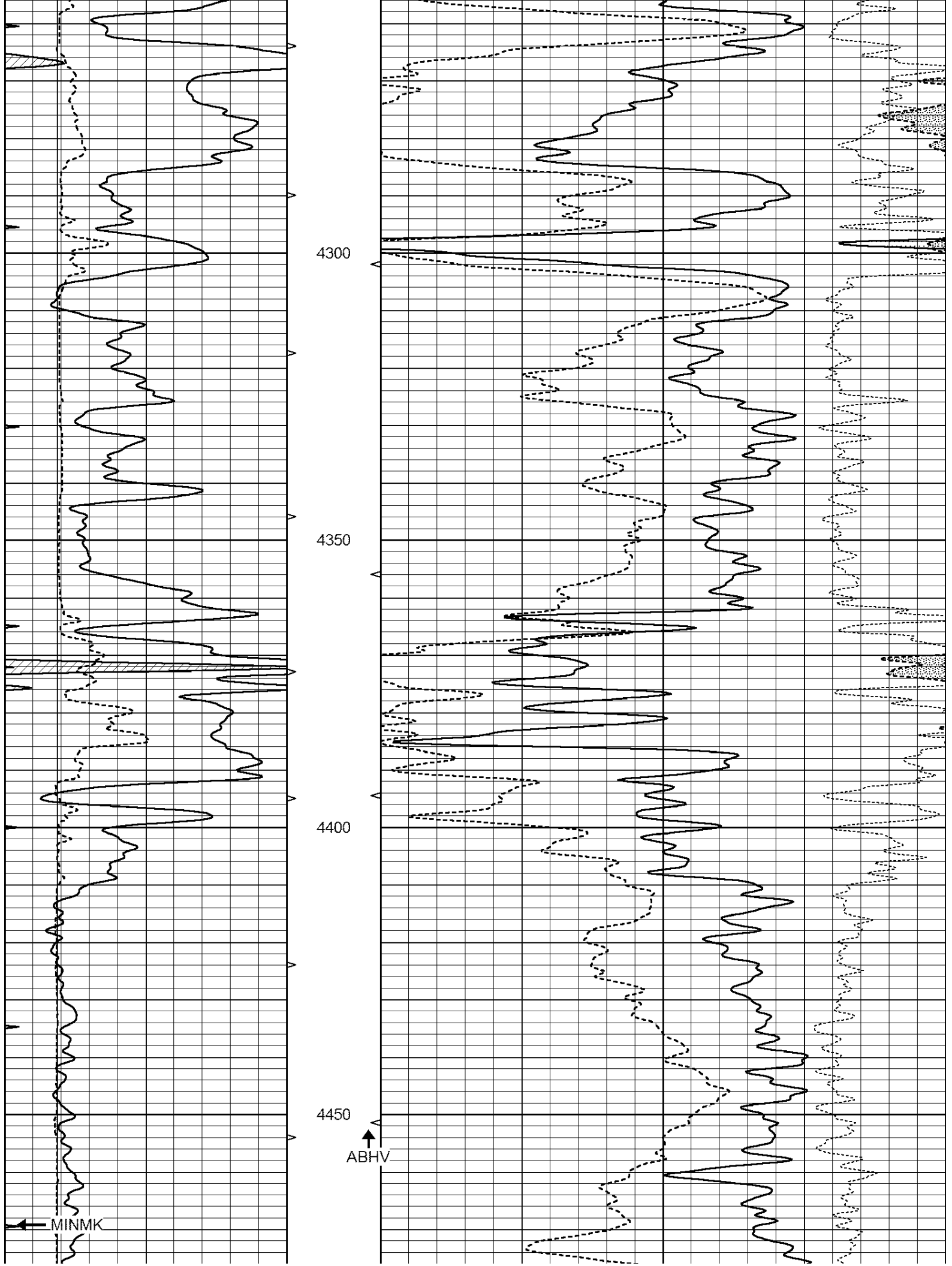
3900

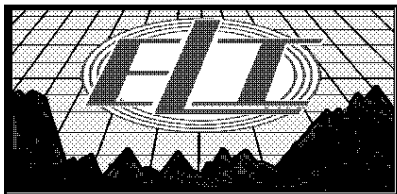
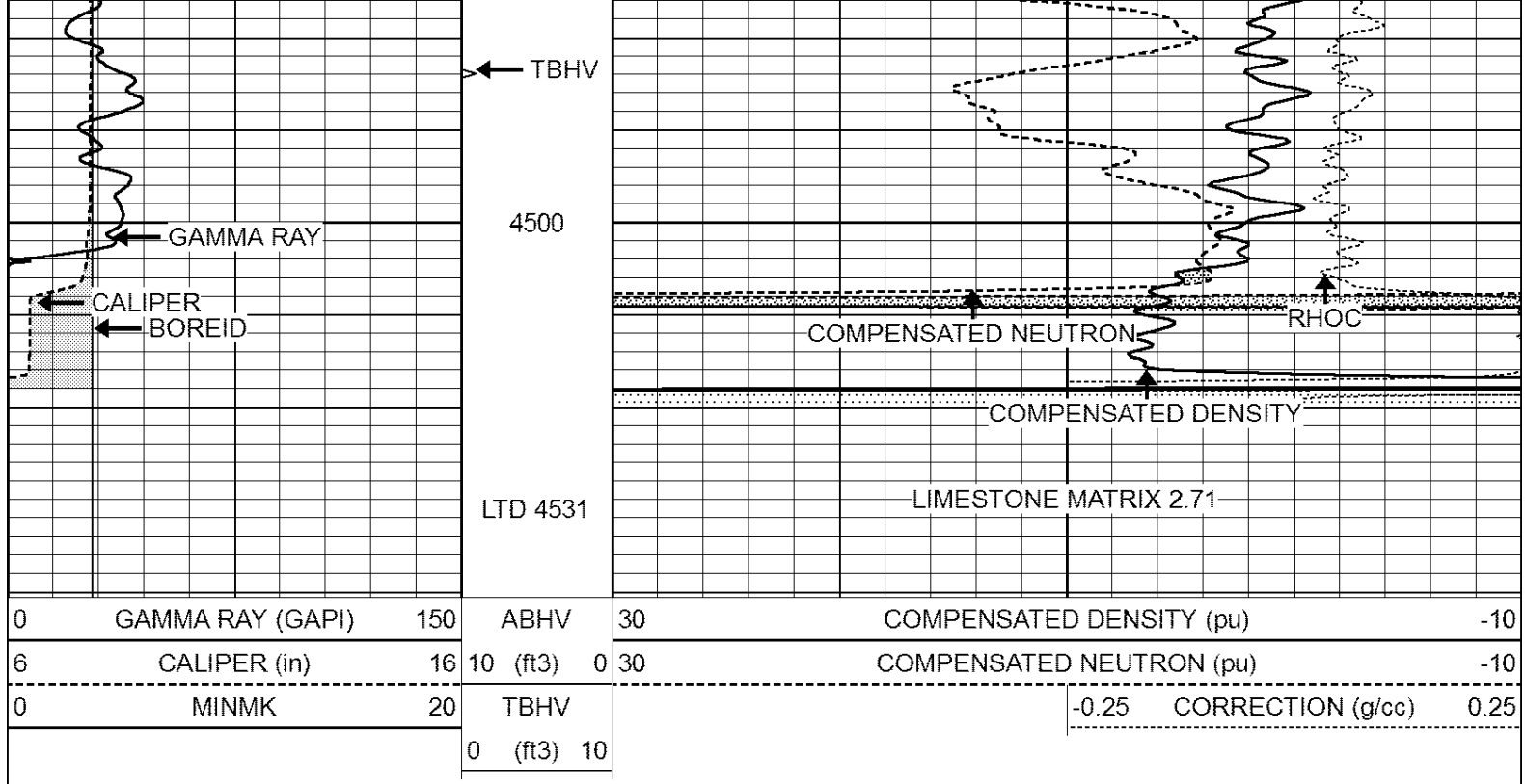
3950

4000





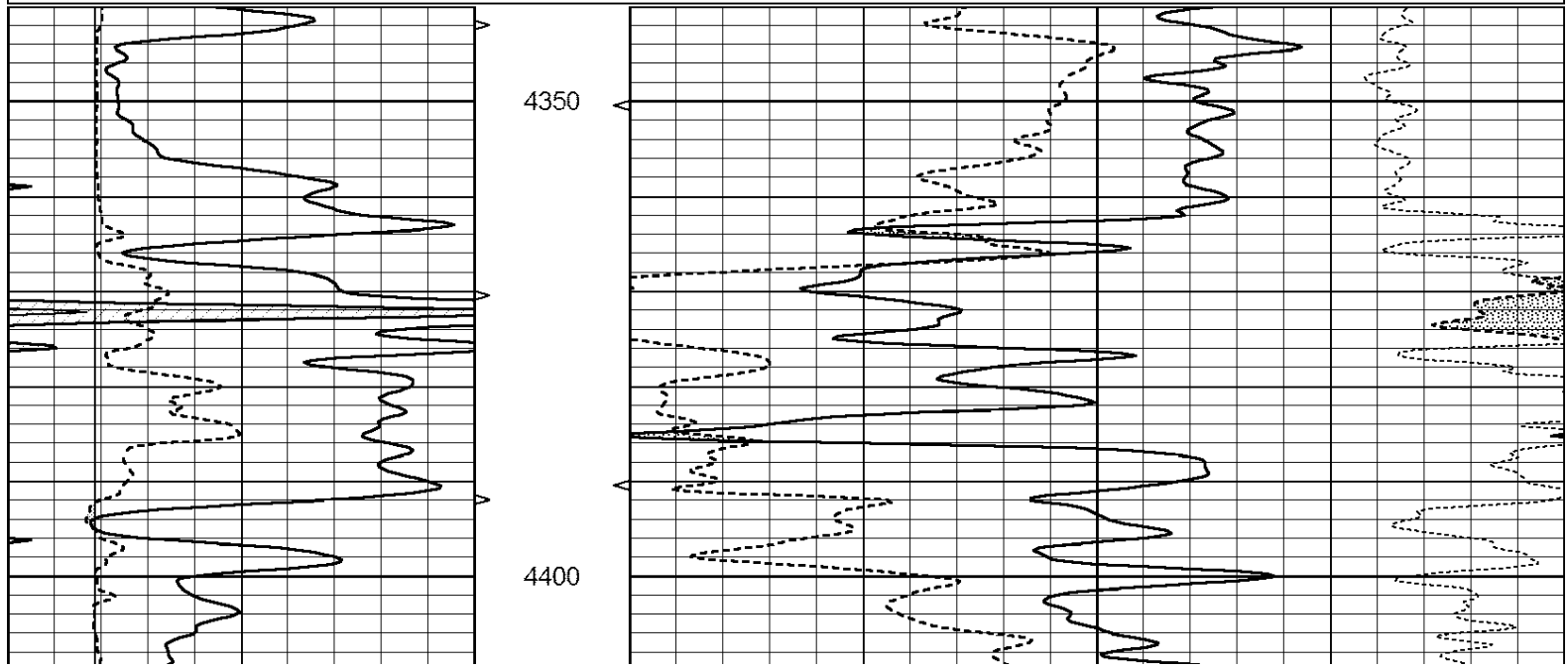


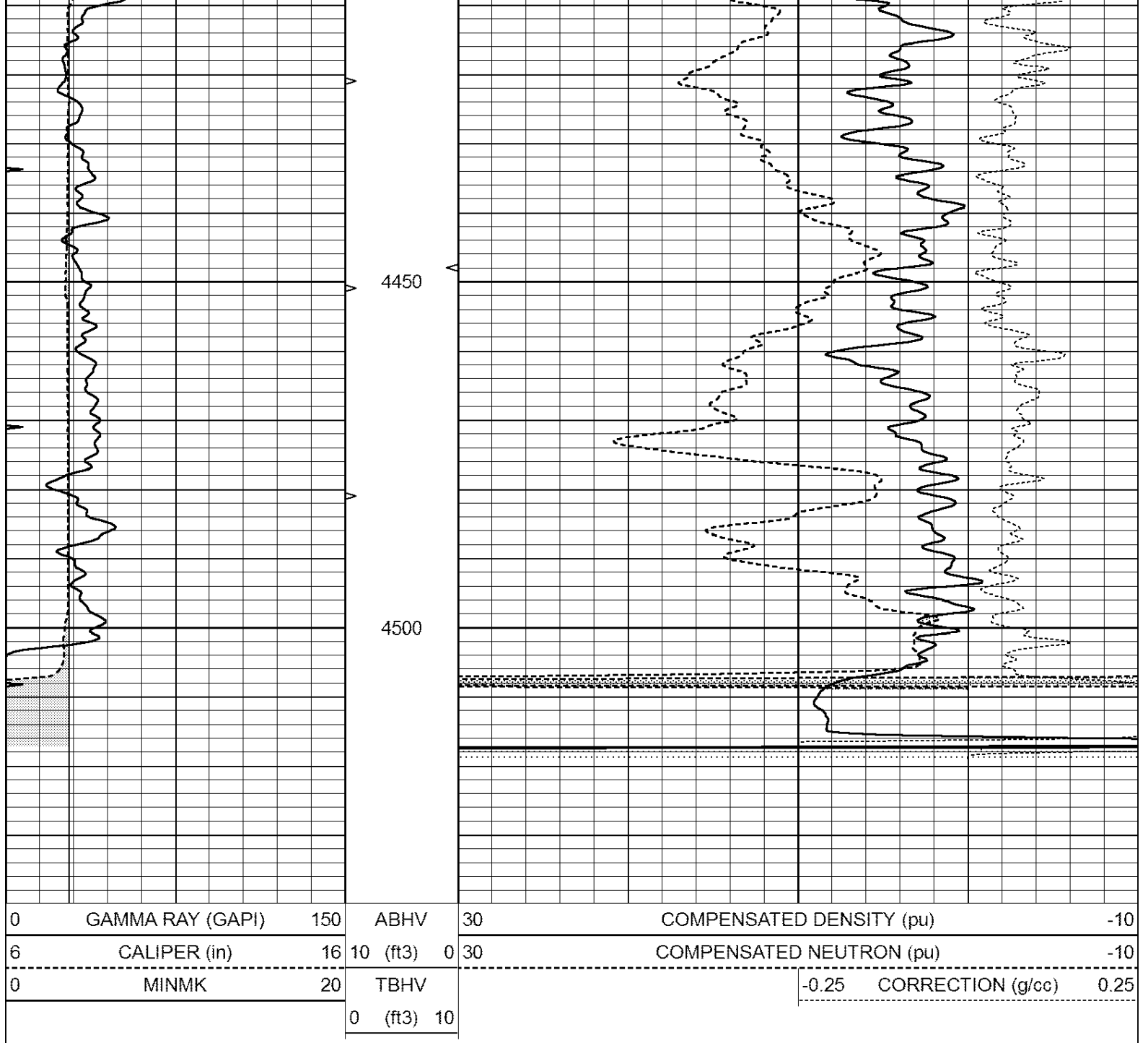


REPEAT SECTION

Database File: 1470ddn.db
 Dataset Pathname: pass3.1
 Presentation Format: den_neu
 Dataset Creation: Sat Jun 10 00:40:22 2017 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: 1470ddn.db
Dataset Pathname: pass3.1
Dataset Creation: Sat Jun 10 00:40:22 2017 by Calc Open-Cased 090629

Dual Induction Calibration Report

Serial-Model: PROBE8-DILG
Surface Cal Performed: Tue Mar 21 18:55:38 2017
Downhole Cal Performed: Tue Mar 21 18:55:43 2017
After Survey Verification Performed: Tue Mar 21 18:55:45 2017

Surface Calibration

Loop:	Readings			References			Results	
	Air	Loop		Air	Loop		m	b
Deep	0.015	0.648	V	0.000	400.000	mmho/m	620.000	0.000
Medium	0.029	0.796	V	0.000	464.000	mmho/m	590.000	-12.000

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		
Compensated Density Calibration Report								
	Serial-Model: Source / Verifier: Master Calibration Performed: Before Survey Verification Performed: After Survey Verification Performed:				GEAR5-GEARHART / Tue Mar 21 18:56:14 2017			
Master Calibration								
	Density			Far Detector		Near Detector		
Magnesium	1.710	g/cc		798.83		465.02	cps	
Aluminum	2.570	g/cc		178.16		318.19	cps	
	Spine Angle = 75.81			Density/Spine Ratio = 0.556				
	Size			Reading				
Small Ring	7.15	in		1.47	V			
Large Ring	14.00	in		3.01	V			
Before Survey Verification								
	Target			Measured				
		g/cc				g/cc		
		g/cc				g/cc		
		g/cc				g/cc		
After Survey Verification								
	Target			Measured				
		g/cc				g/cc		
		g/cc				g/cc		
		g/cc				g/cc		
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
PRE-SURVEY VERIFICATION						
Detector		Readings		Measured		Target
1)	Short Space		cps			
	Long Space		cps		pu	pu
2)	Short Space		cps			
	Long Space		cps		pu	
3)	Short Space		cps			
	Long Space		cps		pu	
POST-SURVEY VERIFICATION						
Detector		Readings		Measured		Target
1)	Short Space		cps			
	Long Space		cps		pu	pu
2)	Short Space		cps			
	Long Space		cps		pu	pu
3)	Short Space		cps			
	Long Space		cps		pu	pu
Gamma Ray Calibration Report						
Serial Number:		GR6				
Tool Model:		OPEN				
Performed:		Tue Mar 21 18:56:51 2017				
Calibrator Value:		150.0		GAPI		
Background Reading:		0.0		cps		
Calibrator Reading:		276.0		cps		
Sensitivity:		0.6200		GAPI/cps		