



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

MICRO LOG

Company		MAI OIL OPERATIONS, INC.	
Well	HAMMEKE "B" #6		
Field	SYMS SOUTHEAST		
County	STAFFORD	State	KANSAS
Location:	AP1 # : 15-185-23927-0000		Other Services CDL/CNL DIL/SON
SEC 21 TWP 21S RGE 12W			
Permanent Datum	GROUND LEVEL	Elevation	1850
Log Measured From	KELLY BUSHING 8' A.G.L.		
Drilling Measured From	KELLY BUSHING		
Date	3/2/15		
Run Number	TWO		
Depth Driller	3700		
Depth Logger	3698		
Bottom Logged Interval	3682		
Top Log Interval	2800		
Casing Driller	8 5/8"@647'		
Casing Logger	649		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 5,700 PPM	
Density / Viscosity	9.3/51		
pH / Fluid Loss	11.5/8.0		
Source of Sample	FLOWLINE		
Rin @ Meas. Temp	.900@65F		
Rinf @ Meas. Temp	.675@65F		
Rinc @ Meas. Temp	1.08@65F		
Source of Rinf / Rinc	MEASUREMENT		
Rin @ BHT	.518@113F		
Time Circulation Stopped	3.5 HOURS		
Time Logger on Bottom	10:15 P.M.		
Maximum Recorded Temperature	113F		
Equipment Number	4854		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
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

THANK YOU FOR USING "NABORS" HAYS, KANSAS (785) 628-6395
DIRECTIONS
ELLINWOOD, KS., S. ON BLKTOP TO "180TH RD.", 3W. TO "RD. 60", 3/4S., W. INTO

Database File:

26503ddn.db

Dataset Pathname:

pass6.2

Presentation Format:

micro

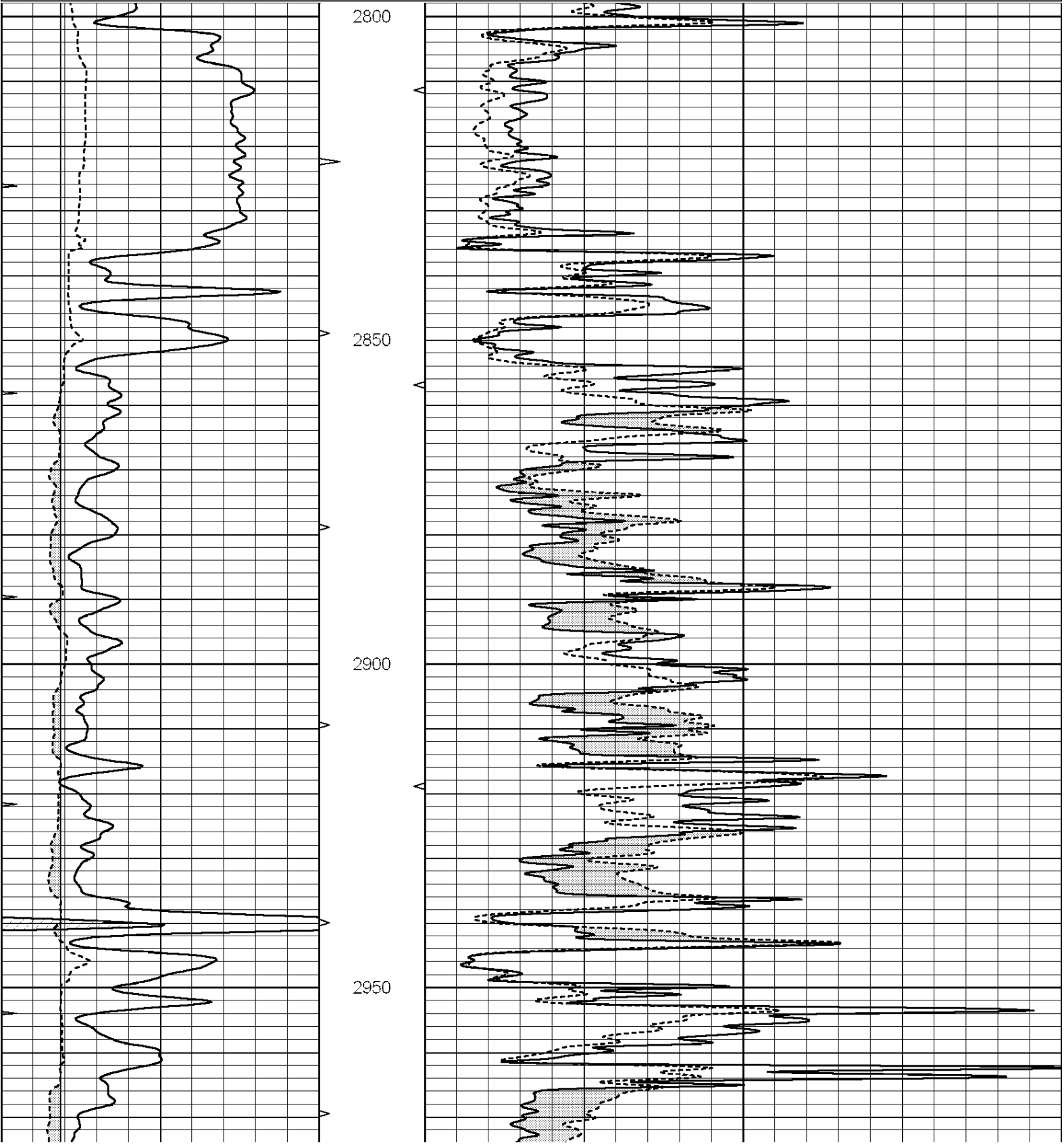
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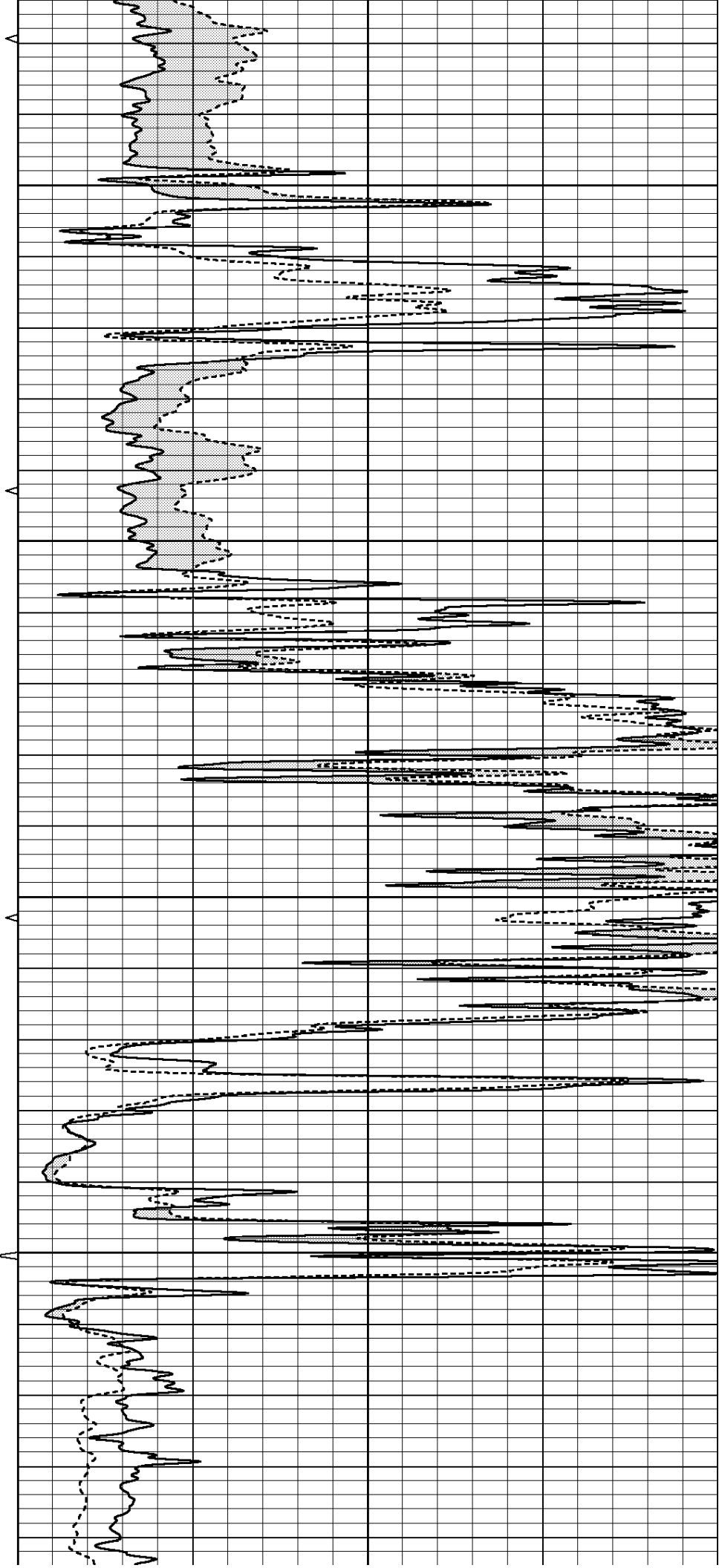
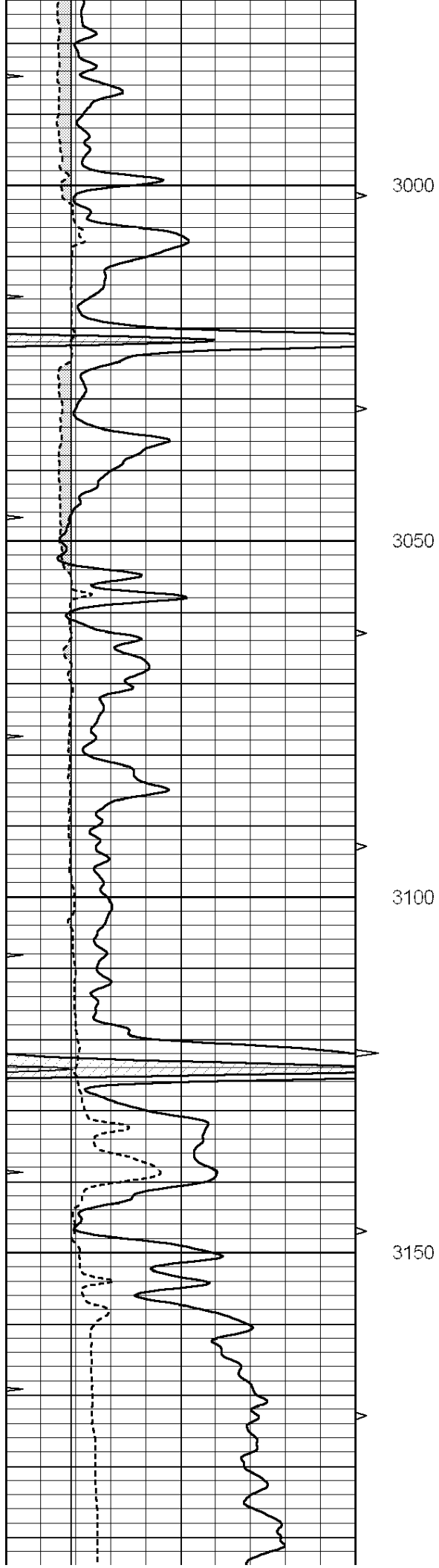
Tue Mar 03 00:54:20 2015 by Calc SOC 120430

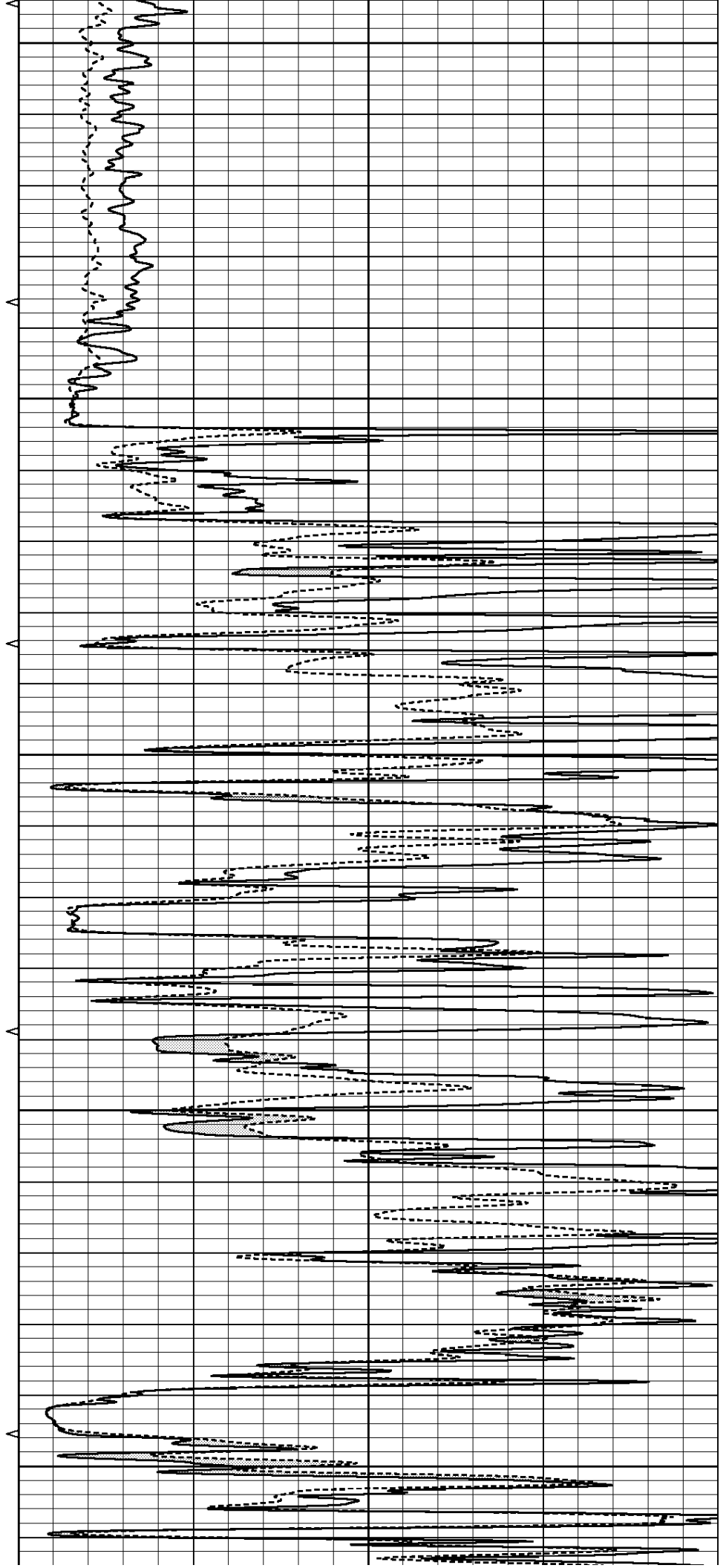
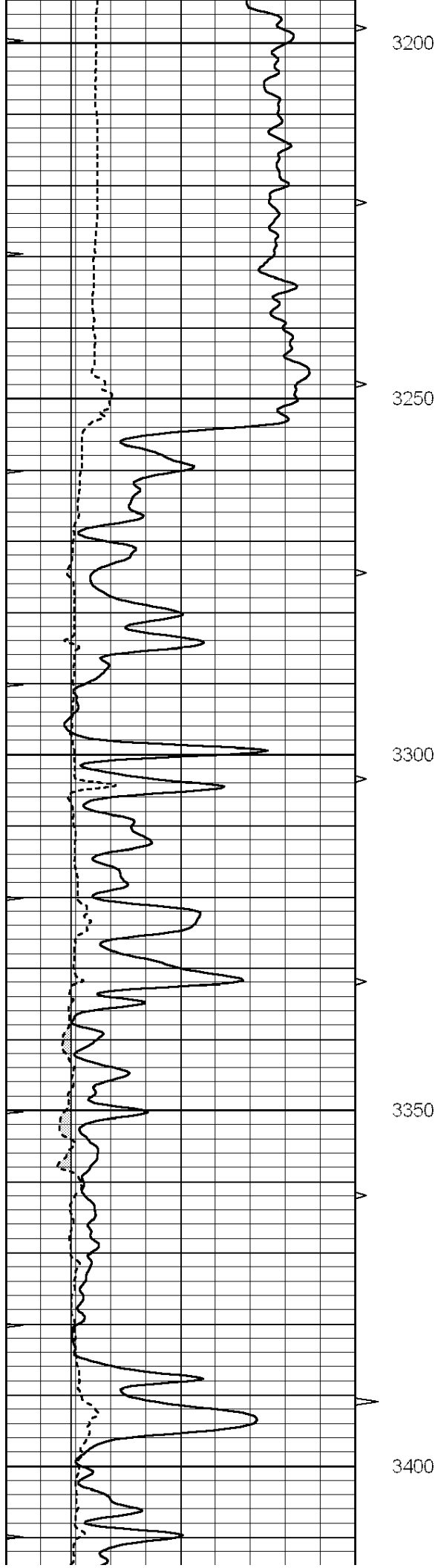
Charted by:

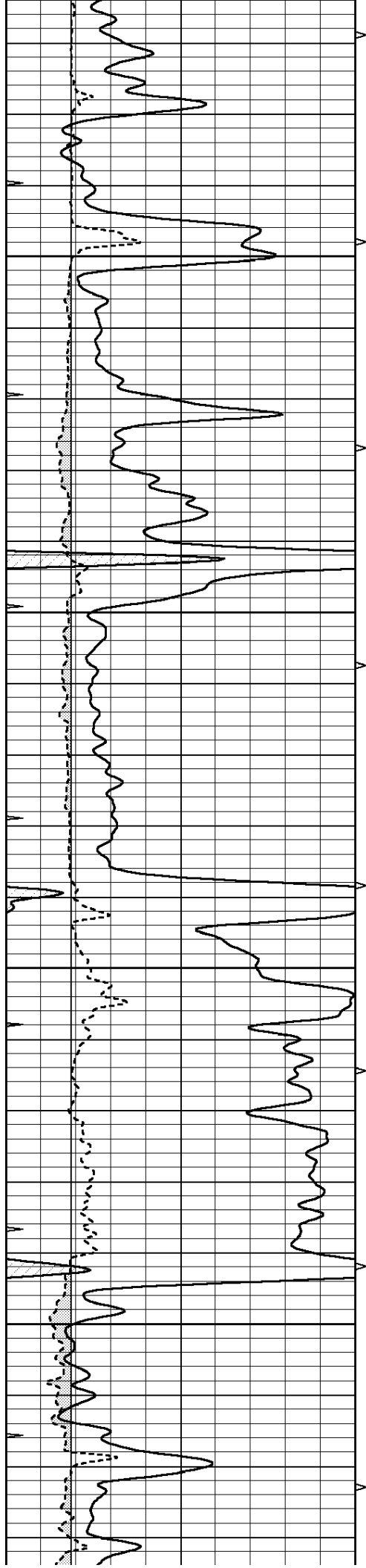
Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3)	0 0	MEL 20 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		









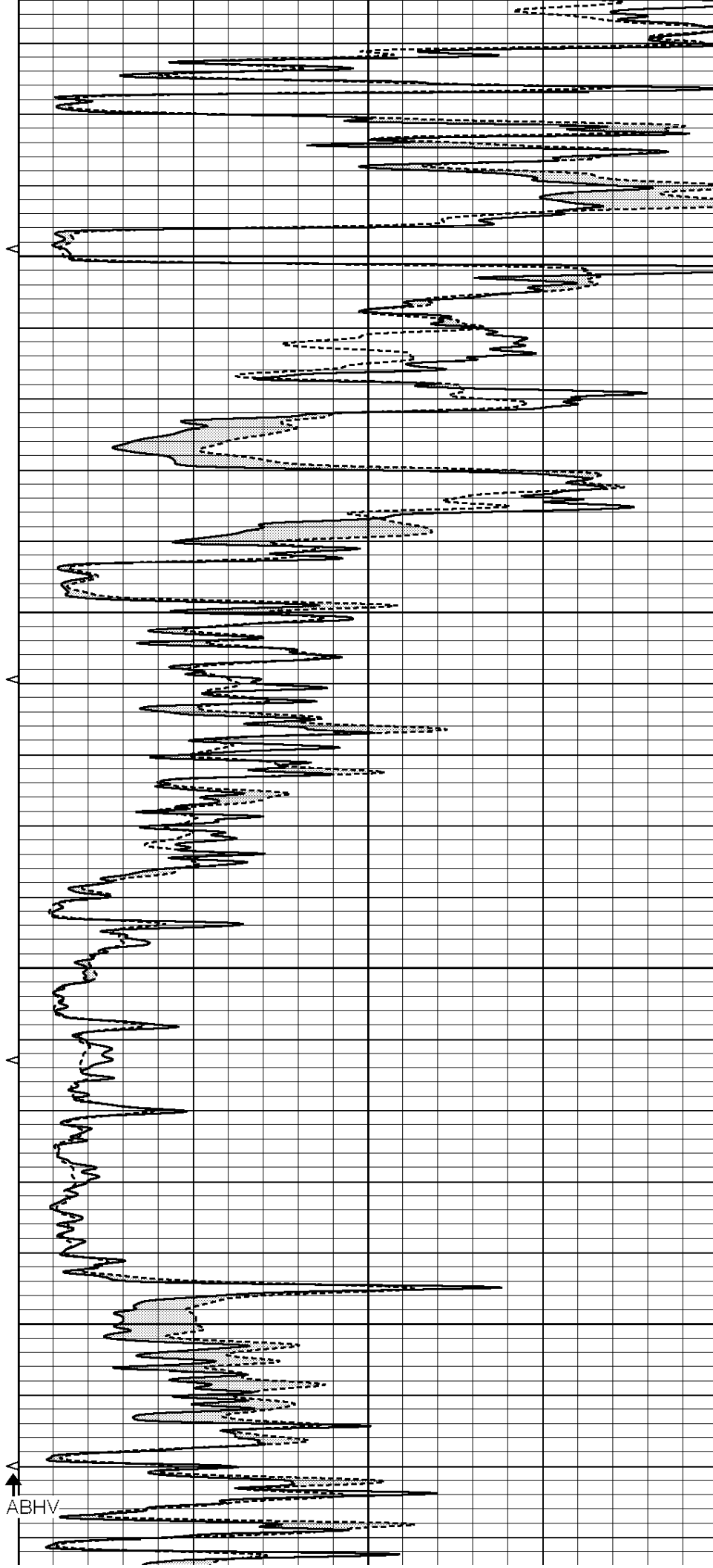
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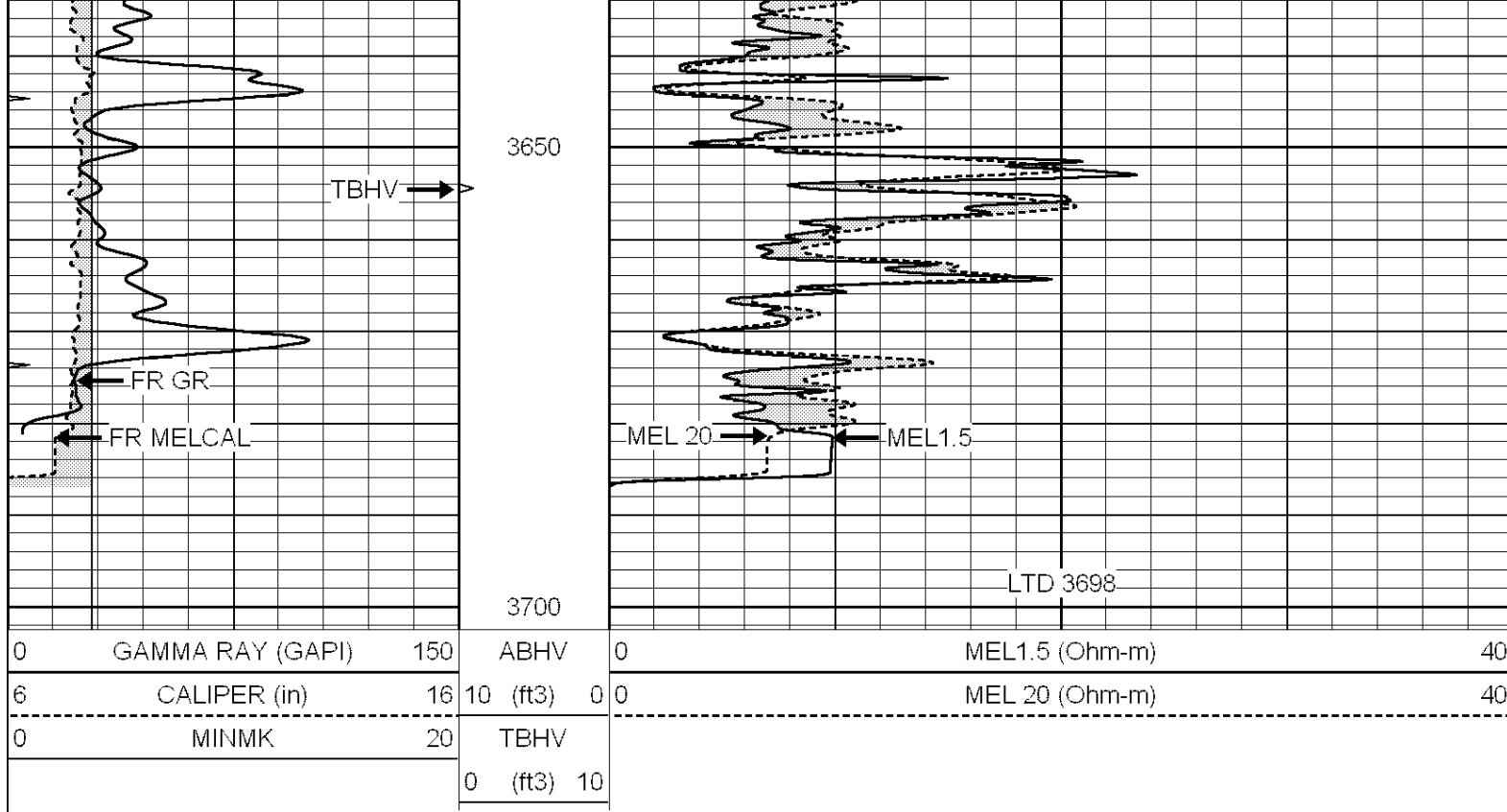
3500

3550

3600

5.5" ABHV



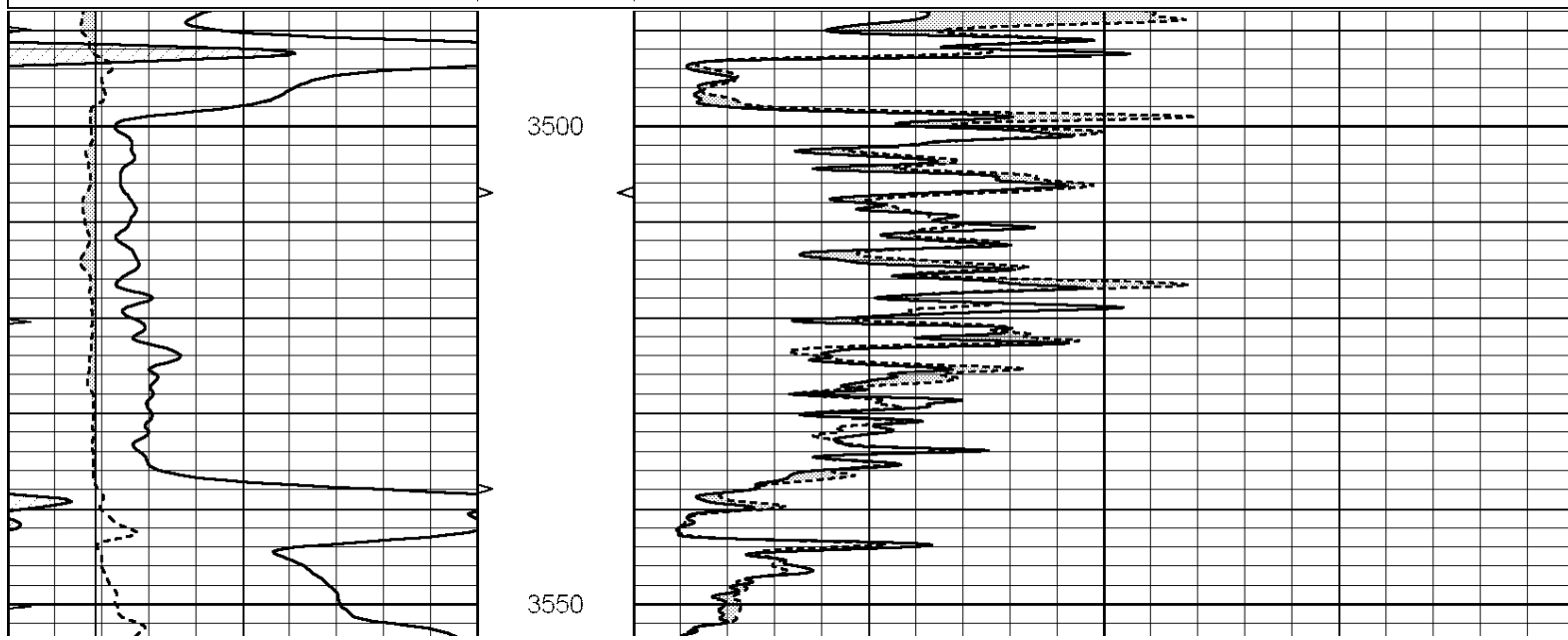


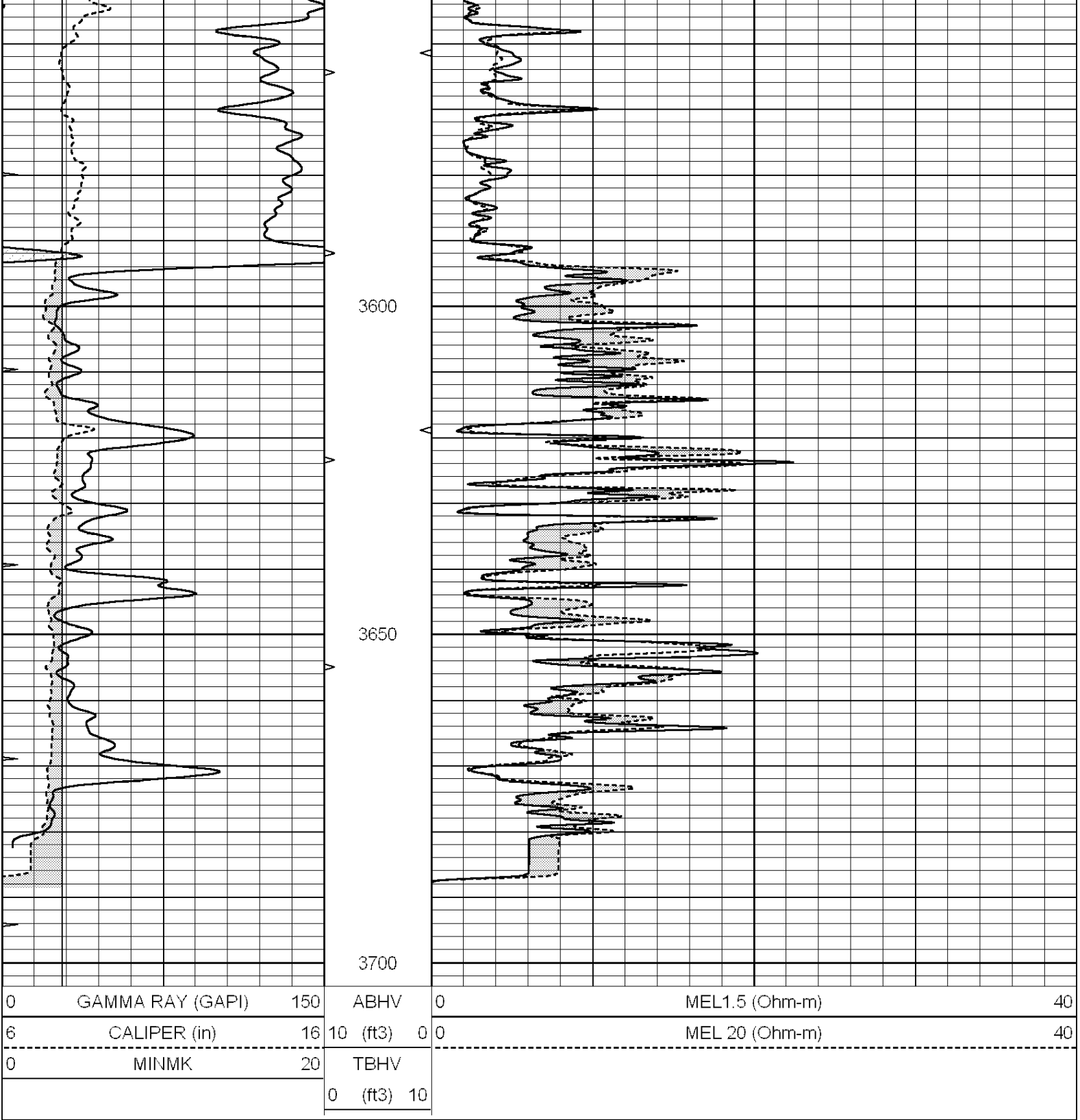
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REPEAT SECTION

Database File: 26503ddn.db
 Dataset Pathname: pass5.4
 Presentation Format: micro
 Dataset Creation: Tue Mar 03 00:20:58 2015 by Calc SOC 120430
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3)	0	MEL 20 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		





Calibration Report			
Database File:	26503ddn.db		
Dataset Pathname:	pass6.2		
Dataset Creation:	Tue Mar 03 00:54:20 2015 by Calc SOC 120430		
MICRO Calibration Report			
Serial Number:	070911		
Tool Model:	ProbeN		
Performed:	Fri Feb 20 10:13:55 2015		
Caliper Calibration:	Gain=3.857	Offset=2.571	
	Low Gain	High Gain	

	References	Low Cal	High Cal
	Readings	7.200	18.000
		1.200	4.000
1.5" Calibration:			
		Gain=24.000	Offset=0.000
		Low Cal	High Cal
	References	0.000	20.000
	Readings	0.001	1.240
2" Calibration:			
		Gain=45.000	Offset=-0.800
		Low Cal	High Cal
	References	0.000	20.000
	Readings	0.001	1.076
Gamma Ray Calibration Report			
	Serial Number:	110959	
	Tool Model:	OPEN_GR	
	Performed:	Fri Jan 30 20:46:14 2015	
	Calibrator Value:	1.0	GAPI
	Background Reading:	0.0	cps
	Calibrator Reading:	1.0	cps
	Sensitivity:	0.2000	GAPI/cps