



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

**MICRO
LOG**

Company		L. D. DRILLING, INC.	
Well		J & J #1-6	
Field		WILDCAT	
County		BARTON	
State		KANSAS	
Company		L. D. DRILLING, INC.	
Well		J & J #1-6	
Field		WILDCAT	
County		BARTON	
State		KANSAS	
Location:		API # : 15-009-26056-0000	
Permanent Datum		GROUND LEVEL	
Log Measured From		2030' FNL & 1840' FEL	
Drilling Measured From		NW - SE - SW - NE	
SEC 6		TWP 18S	
RGE		13W	
Elevation		1831	
Other Services		CDL/CNL	
DIL		Elevation	
K.B. 1836		D.F. 1834	
G.L. 1831			
Date	11/29/14		
Run Number	TWO		
Depth Driller	3400		
Depth Logger	3396		
Bottom Logged Interval	3394		
Top Log Interval	2800		
Casing Driller	8 5/8"@804'		
Casing Logger	802		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 6,000 PPM	
Density / Viscosity	9.3/62		
pH / Fluid Loss	10.5/8.4		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	.650@60F		
Rmf @ Meas. Temp	.488@60F		
Rmc @ Meas. Temp	.780@60F		
Source of Rmf / Rmc	MEASUREMENT		
Rim @ BHT	.351@111F		
Time Circulation Stopped	3.5 HOURS		
Time Logger on Bottom	7:30 A.M.		
Maximum Recorded Temperature	111F		
Equipment Number	4854		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	KURT TALBOTT		

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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

HOISINGTON, KS., W. EDGE OF TOWN ON HWY 4 AT CURVE, TAKE "RD. NW 10", 1/2S. ACROSS RR
TRACKS, W., INTO



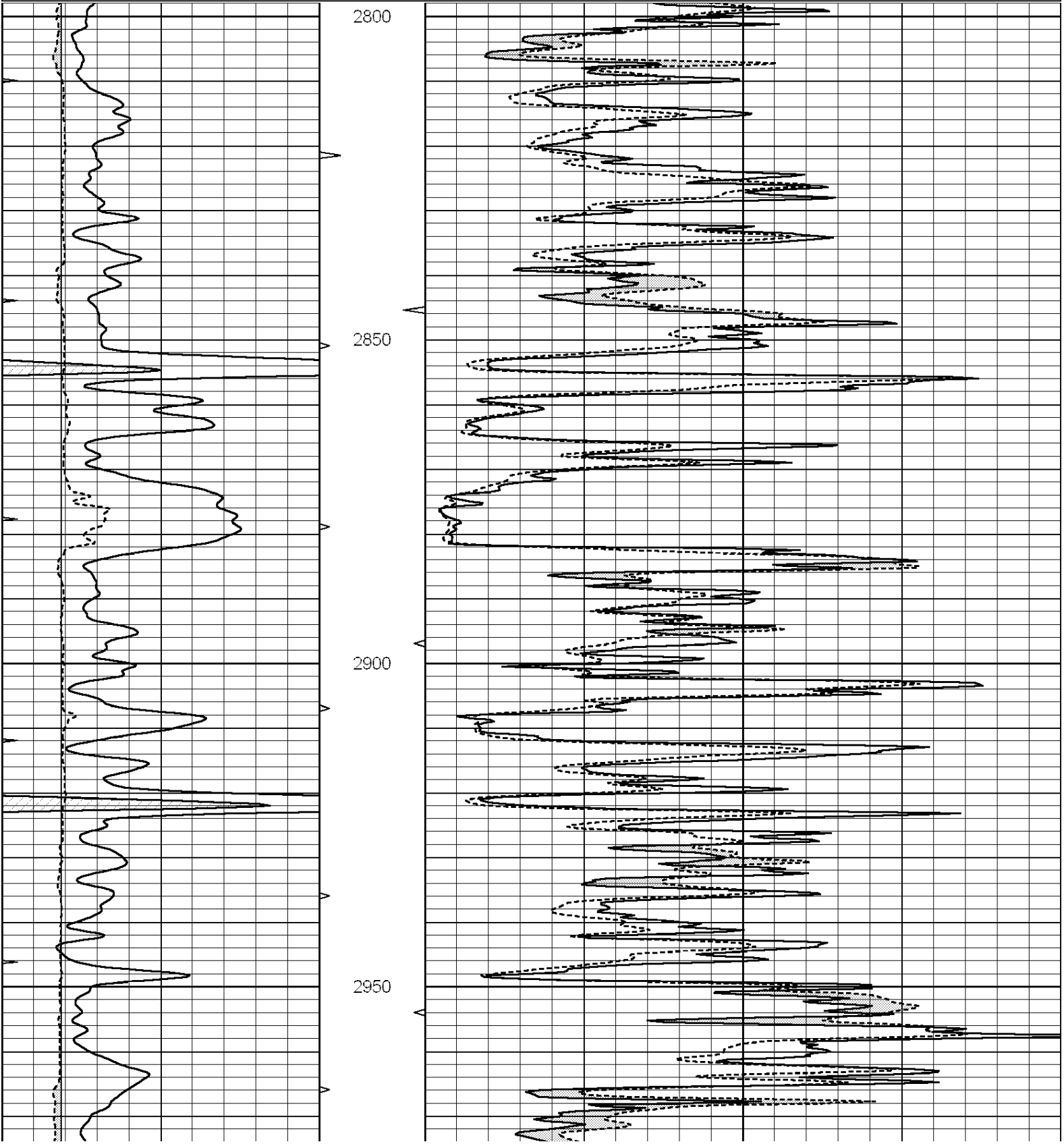
NABORS

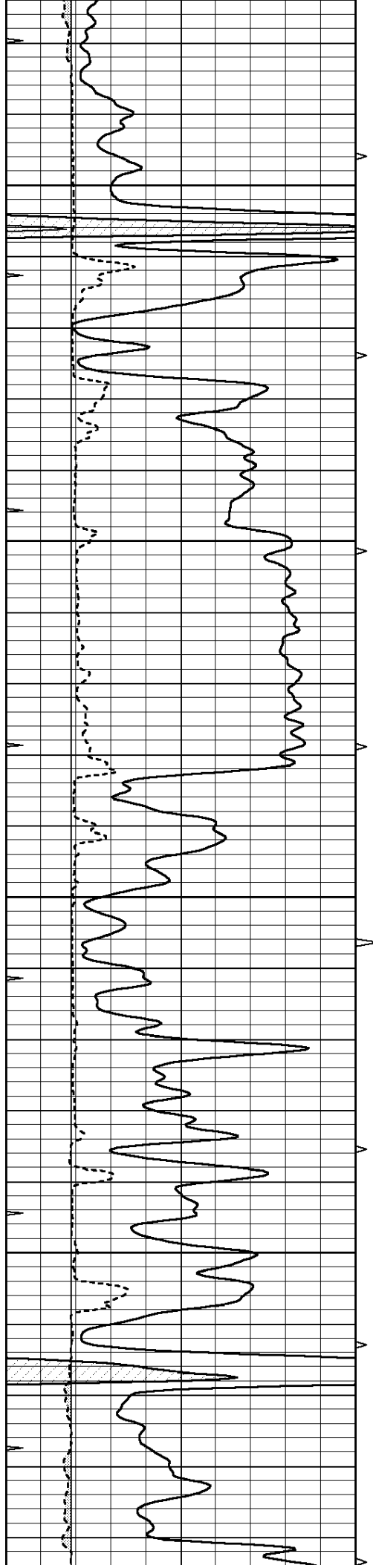
**COMPLETION
& PRODUCTION**

MAIN SECTION

Database File: 25921ddn.db
Dataset Pathname: pass6.2
Presentation Format: micro
Dataset Creation: Sat Nov 29 09:40:07 2014 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		



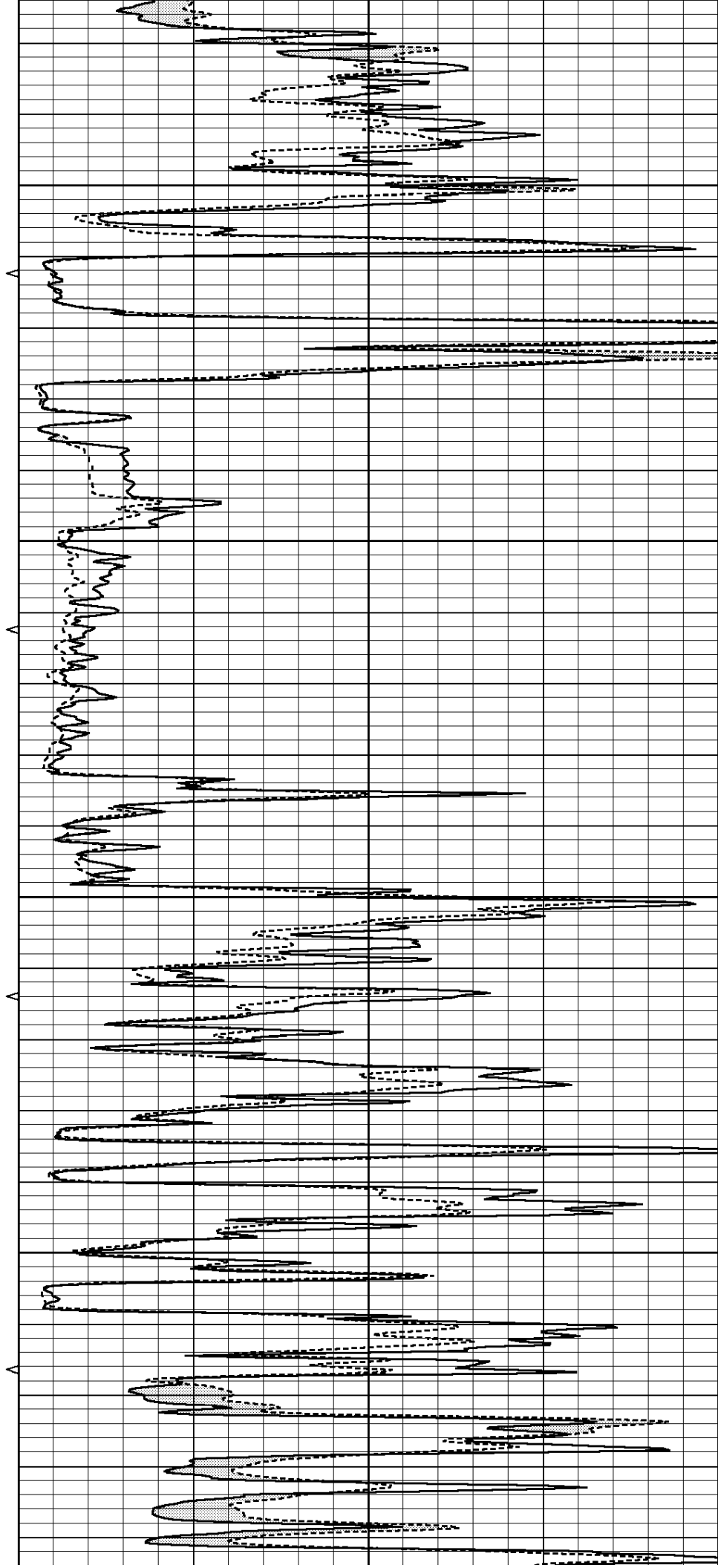


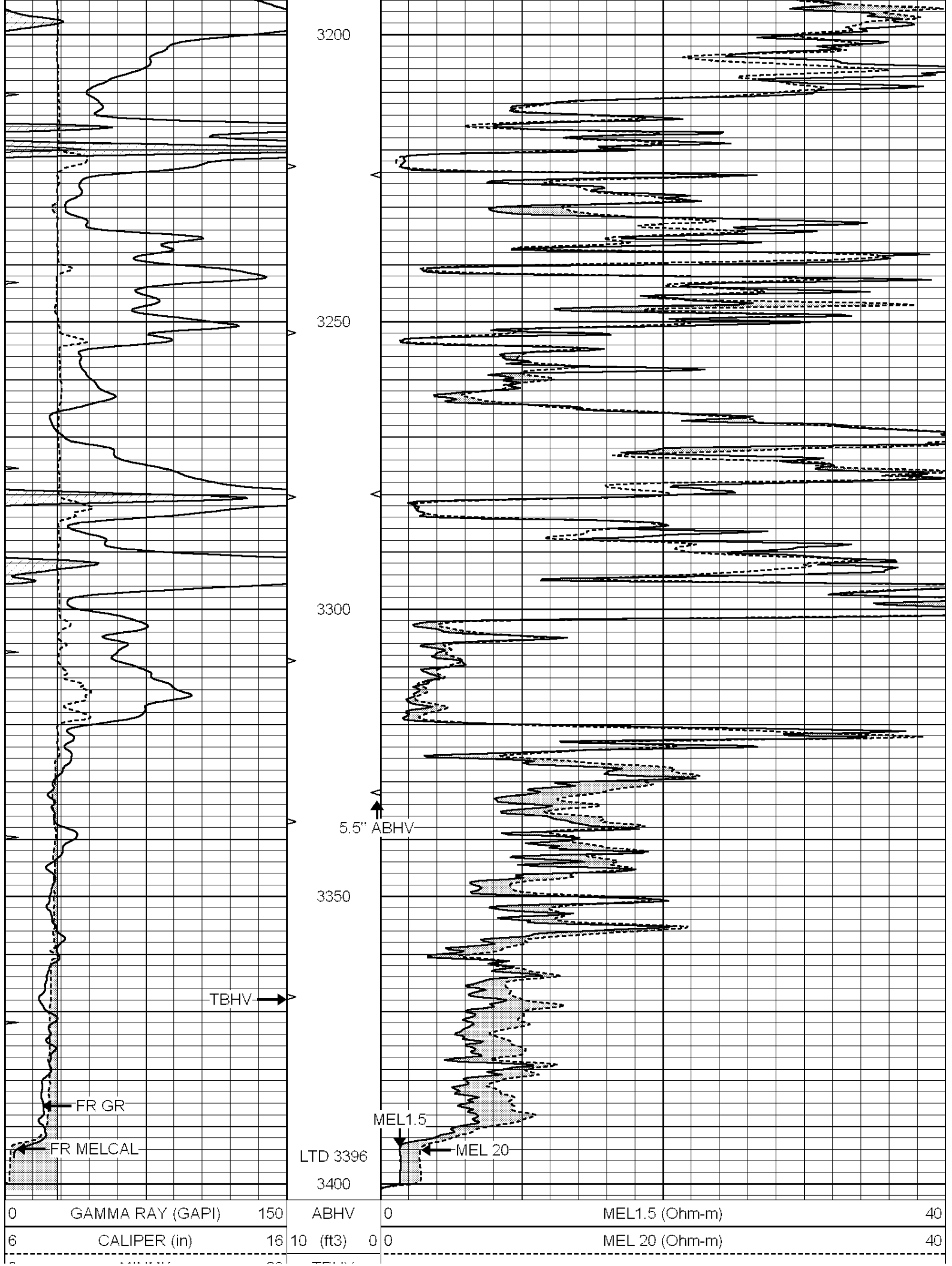
3000

3050

3100

3150





0	MINMK	20	TBHV
		0	(ft3) 10

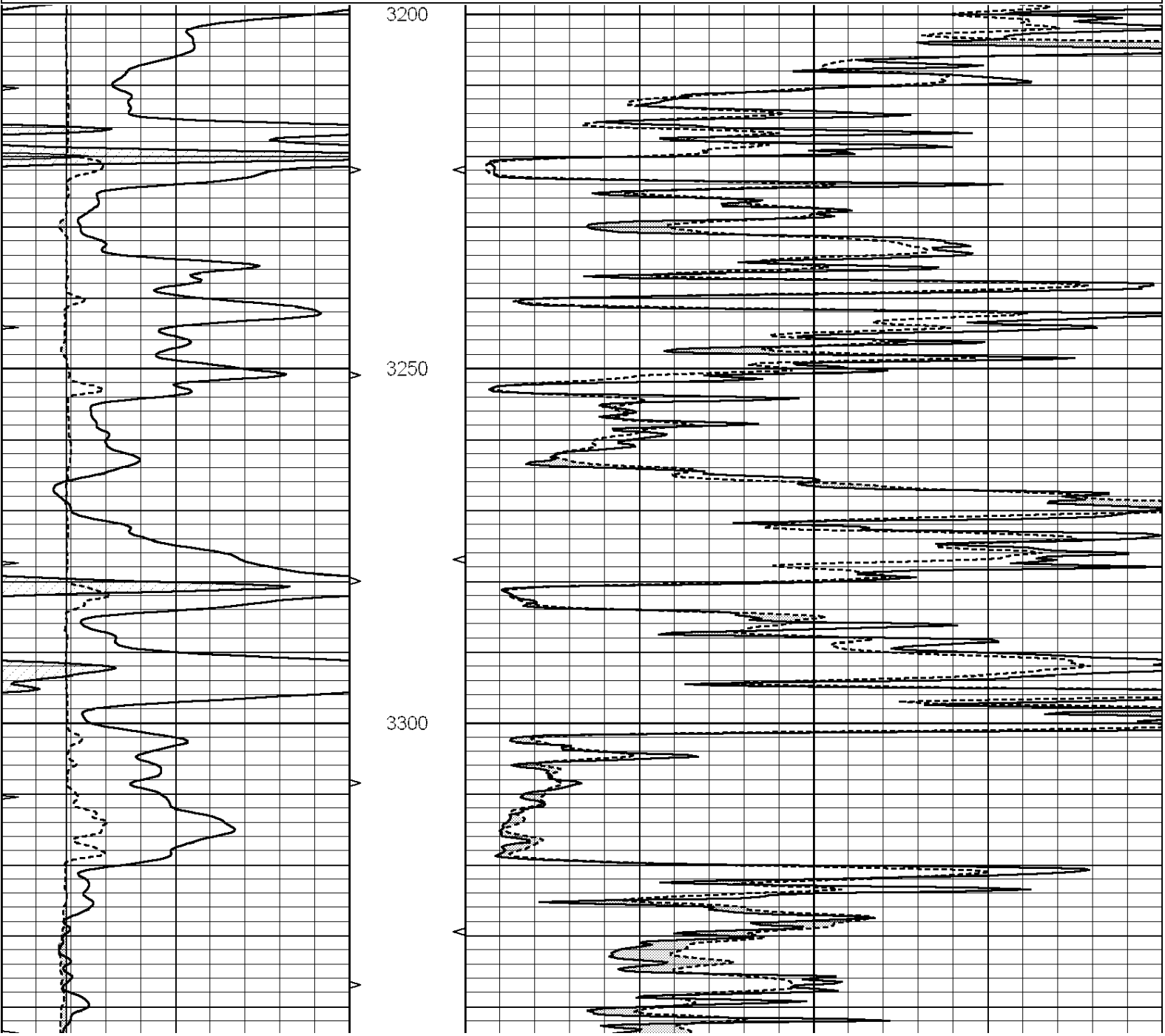


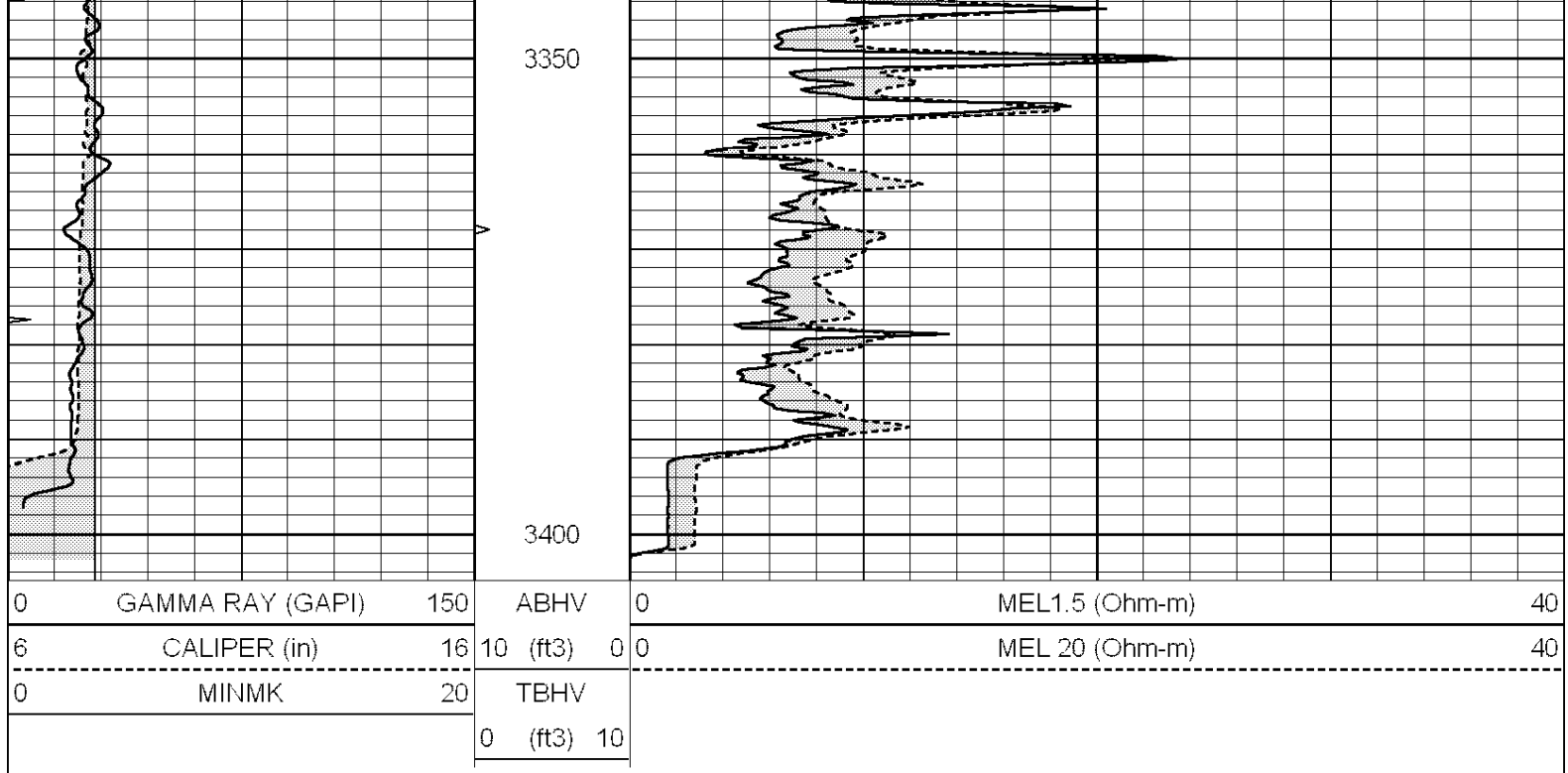
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REPEAT SECTION

Database File:	25921ddn.db
Dataset Pathname:	pass5.1
Presentation Format:	micro
Dataset Creation:	Sat Nov 29 09:19:27 2014 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:	25921ddn.db		
Dataset Pathname:	pass6.2		
Dataset Creation:	Sat Nov 29 09:40:07 2014 by Calc SOC 120430		
MICRO Calibration Report			
Serial Number:	070910		
Tool Model:	ProbeN		
Performed:	Sat Nov 29 09:19:09 2014		
Caliper Calibration:	Gain=4.092	Offset=1.651	
	Low Cal	High Cal	
References	8.000	15.000	
Readings	1.552	3.263	
1.5" Calibration:	Gain=23.000	Offset=0.000	
	Low Cal	High Cal	
References	0.000	20.000	
Readings	0.000	1.216	
2" Calibration:	Gain=50.000	Offset=-1.000	
	Low Cal	High Cal	
References	0.000	20.000	
Readings	0.002	1.053	
Gamma Ray Calibration Report			
Serial Number:	070559		
Tool Model:	OPEN_GR		
Performed:	Wed Nov 26 00:22:56 2014		
Calibrator Value:	1.0	GAPI	
Background Reading:	0.0	cps	
Calibrator Reading:	1.0	cps	
Sensitivity:	0.2000	GAPI/cps	