SUPERIOR WELL SERVICES

SUPERIOR
Hays,
Kansas

MICRO LOG

Company	MAI OIL OPERATIONS, INC.
Well	DRISCOLL #5
Field	HALL - GURNEY
County	RUSSELL
State	KANSAS

Company MAI OIL OPERATIONS, INC.

Well DRISCOLL #5

Field HALL - GURNEY

County RUSSELL State KANSAS

Location: API # : 15-167-23798-0000

1875' FNL & 2625' FEL
SW - NW - SW - NE
SEC 4 TWP 15S RGE 14W

Other Services
CDL/CNL
DIL

Permanent Datum GROUND LEVEL Elevation 1759

Log Measured From KELLY BUSHING 8' A.G.L.

Drilling Measured From KELLY BUSHING

Elevation
K.B. 1767
D.F. 1765
G.L. 1759

Date	5/6/12		
Run Number	TWO		
Depth Driller	3295		
Depth Logger	3293		
Bottom Logged Interval	3291		
Top Log Interval	2200		
Casing Driller	8 5/8"@377'		
Casing Logger	377		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 6,000 PPM	
Density / Viscosity	9.1/52		
pH / Fluid Loss	9.5/8.2		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.650@74F		
Rmf @ Meas. Temp	.488@74F		
Rmc @ Meas. Temp	.780@74F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.437@110F		
Time Circulation Stopped	3.5 HOURS		
Time Logger on Bottom	4:15 P.M.		
Maximum Recorded Temperature	110F		
Equipment Number	4010		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	KURT TALBOTT	KENT WILLSON	

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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 SUPERIOR WELL SERVICE HAYS, KANSAS (785) 628-6395

DIRECTIONS

RUSSELL, KS. & I-70, 6S. ON HWY 281 TO "WALTERS RD." (JUST PAST RIVER BRIDGE) 1 1/2W., N. INTO

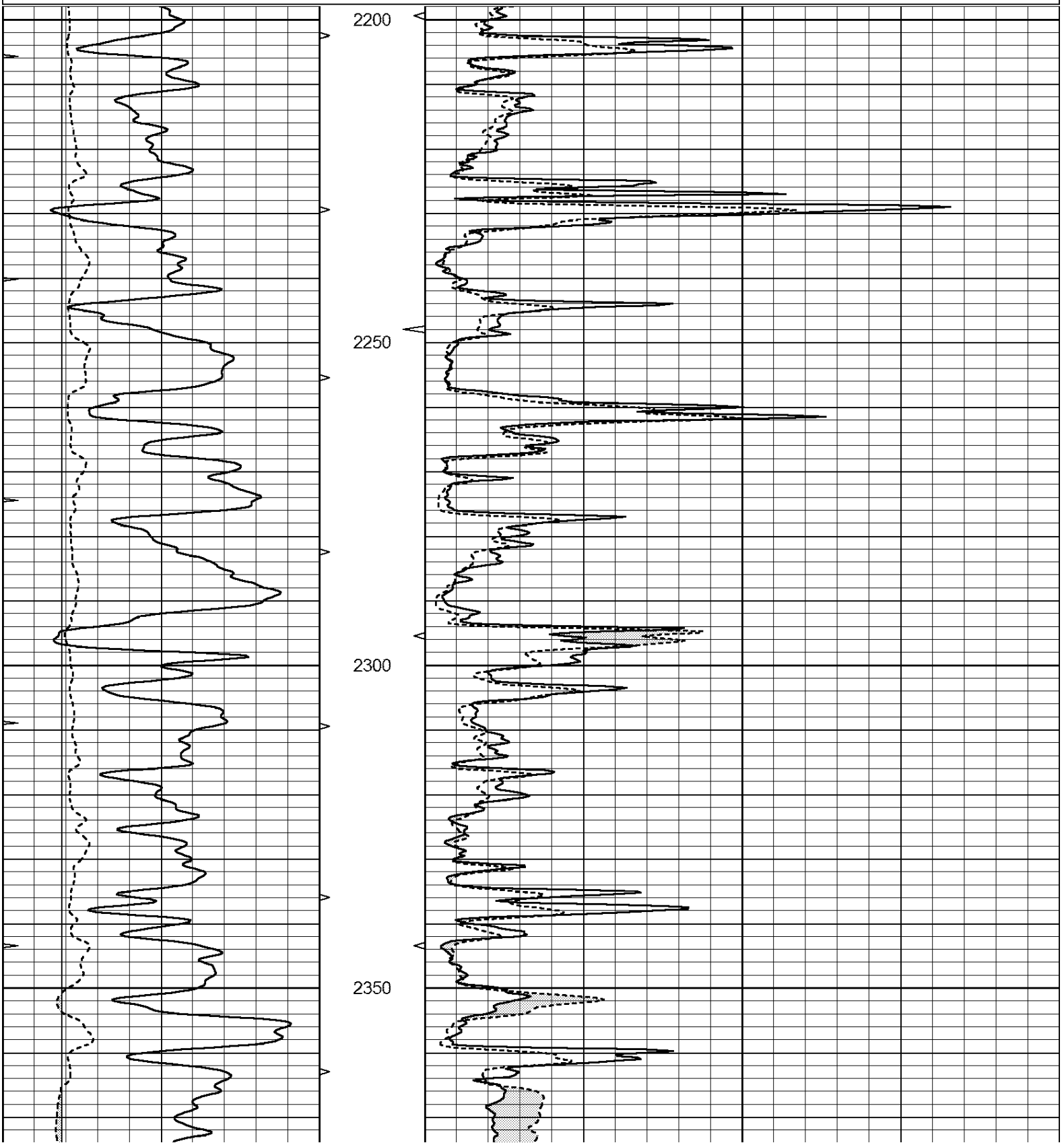
SUPERIOR WELL SERVICES

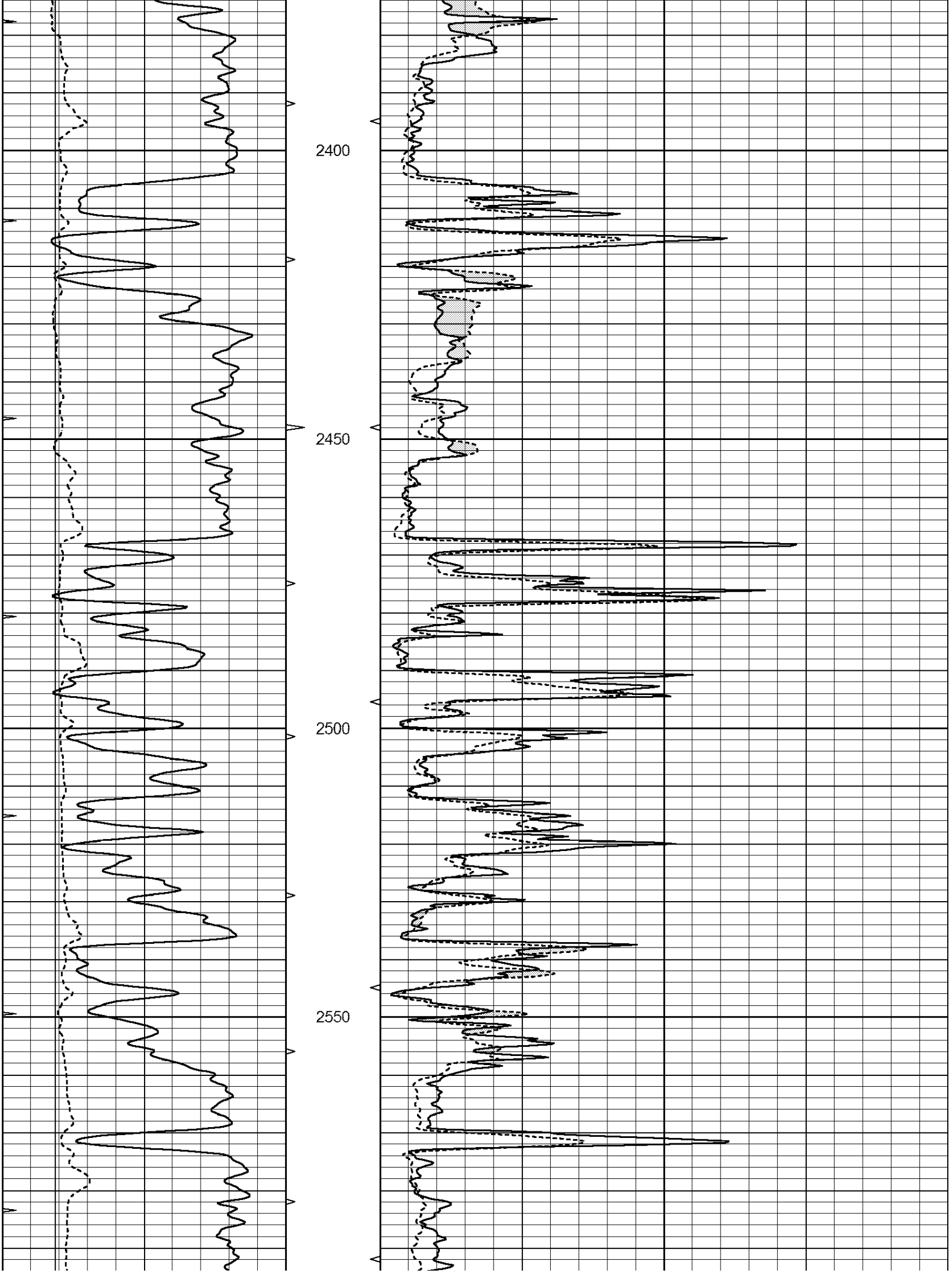
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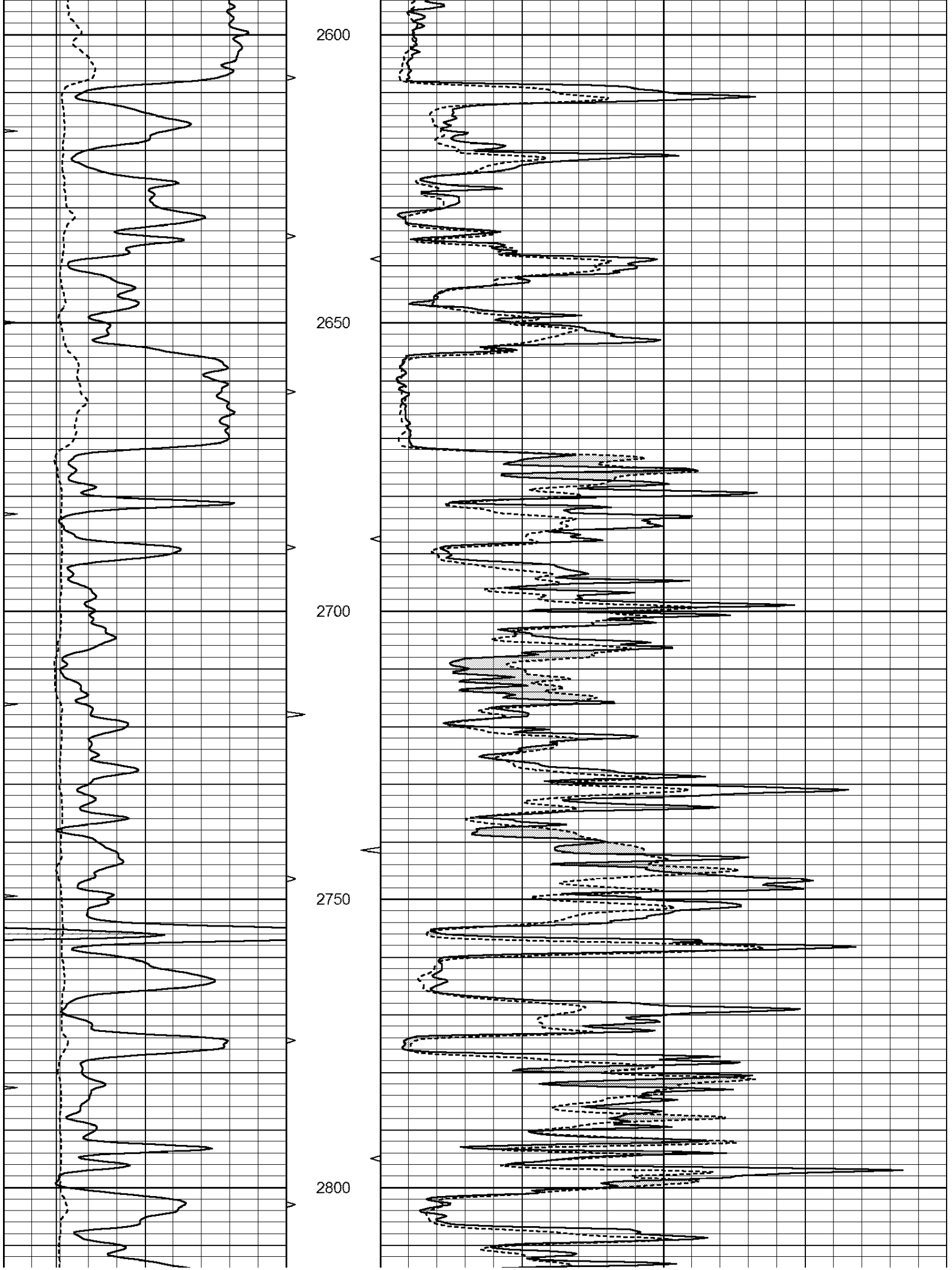
MAIN SECTION

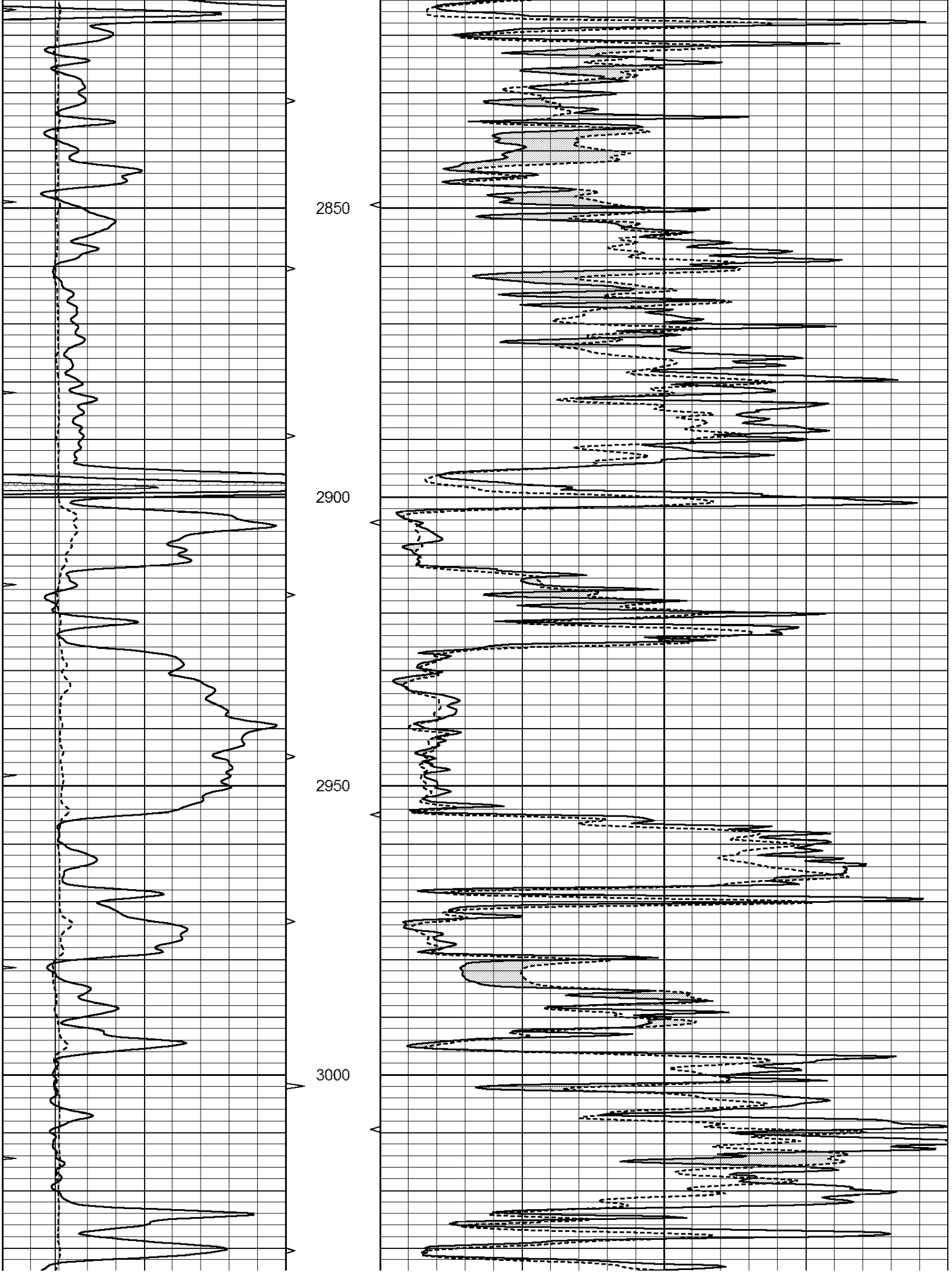
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Dataset Pathname:	pass6.2
Presentation Format:	micro
Dataset Creation:	Sun May 06 19:02:26 2012
Charted by:	Depth in Feet scaled 1:240

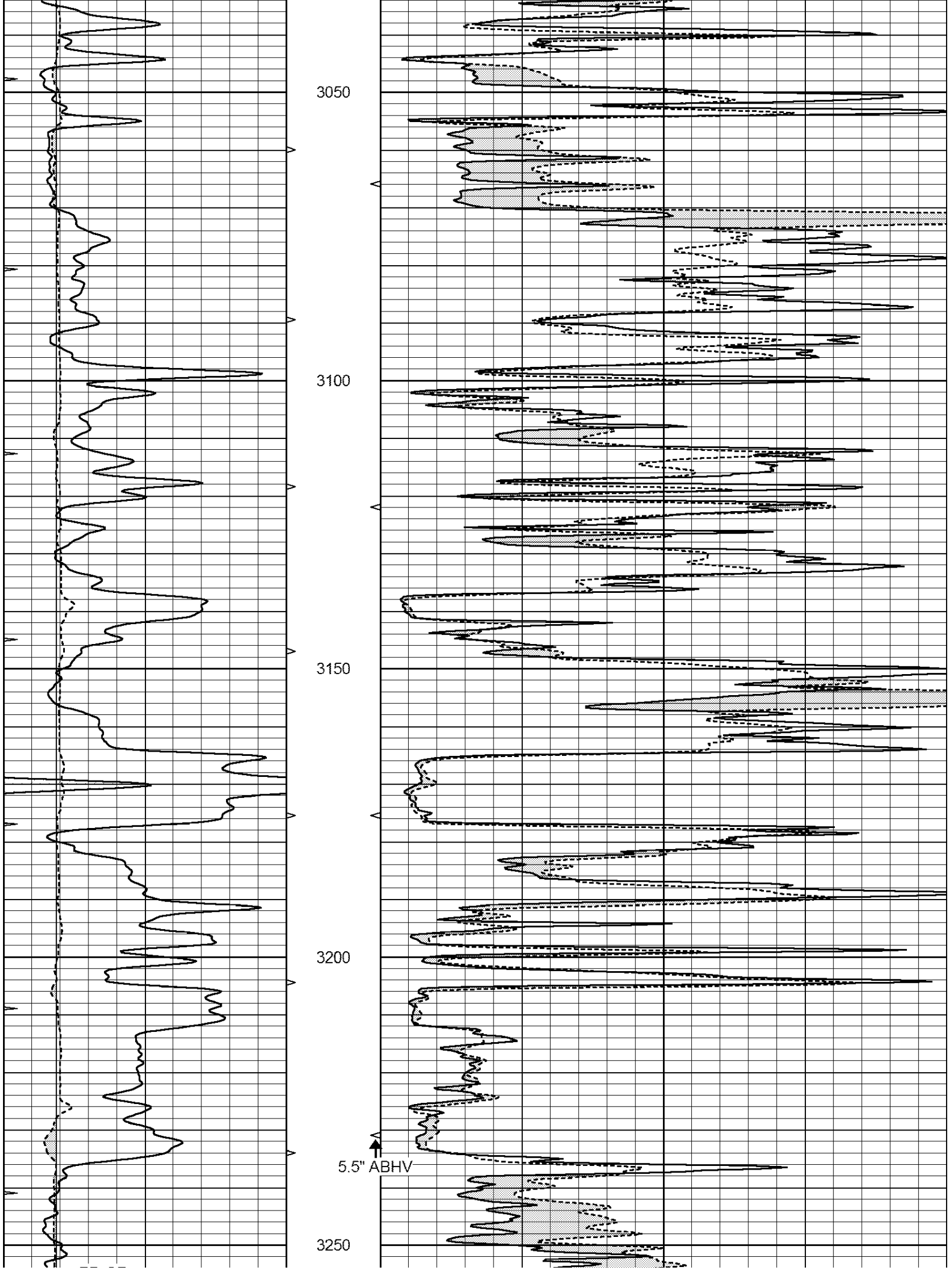
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6	CALIPER (in) 16	10 (ft3) 0		0	MEL2.0 (Ohm-m) 40
0	MINMK 20	TBHV			
		0 (ft3) 10			

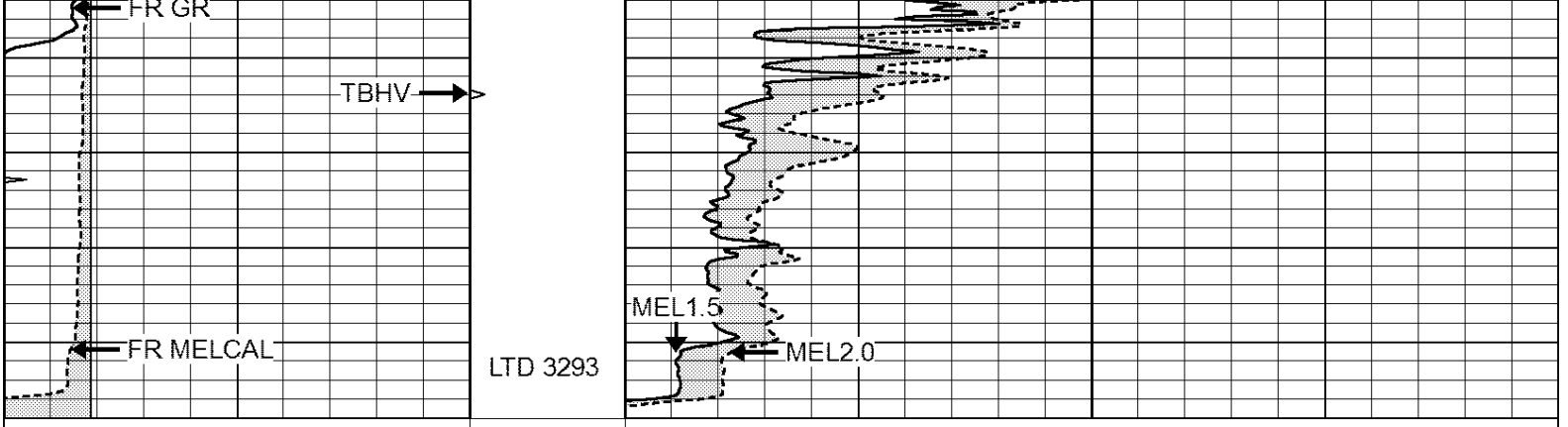



2400
2450
2500
2550


2600
2650
2700
2750
2800


2850
2900
2950
3000


3050
3100
3150
3200
5.5" ABHV
3250



0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m) 40
6	CALIPER (in)	16	10 (ft3) 0	0	MEL2.0 (Ohm-m) 40
0	MINMK	20	TBHV		
			0 (ft3) 10		

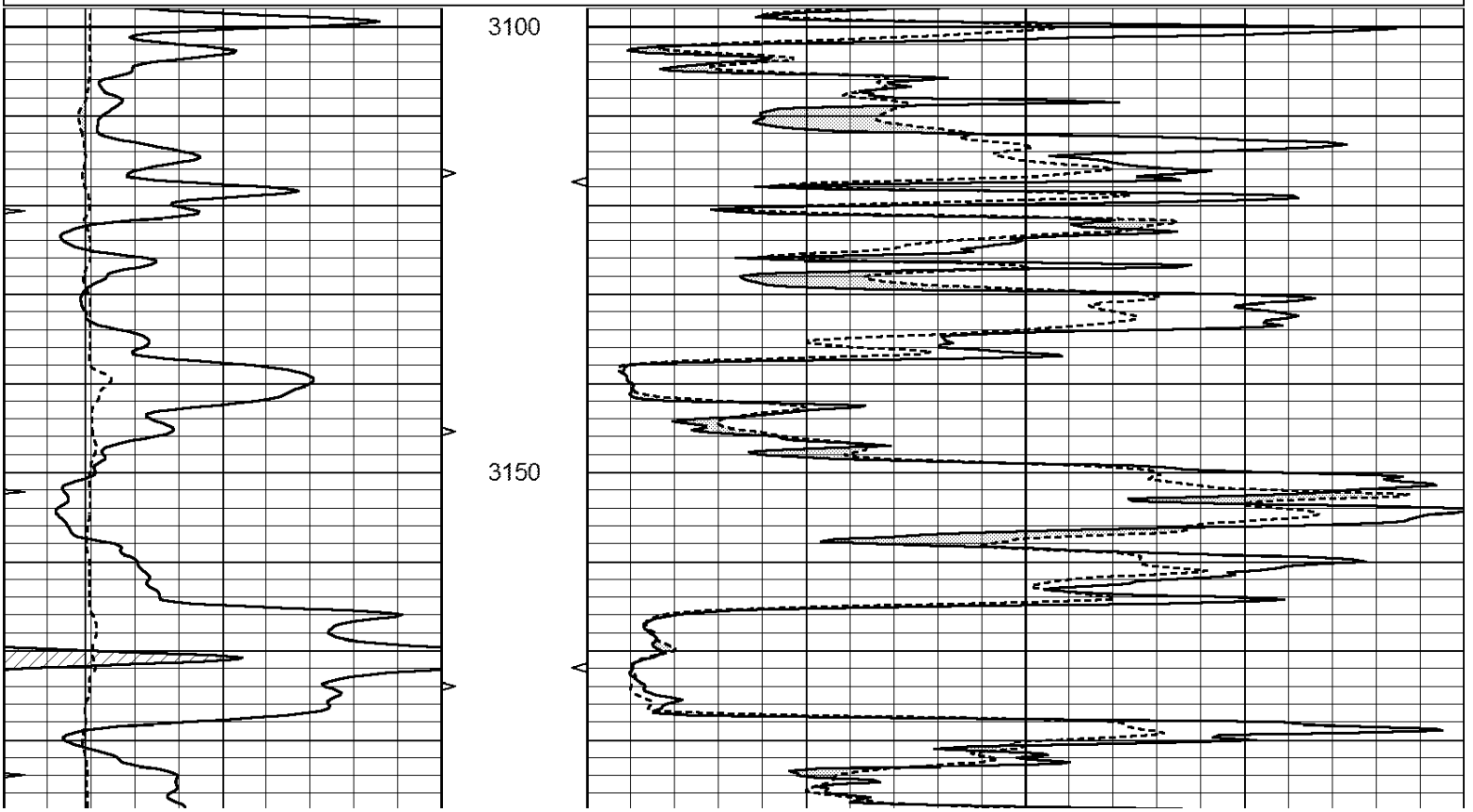
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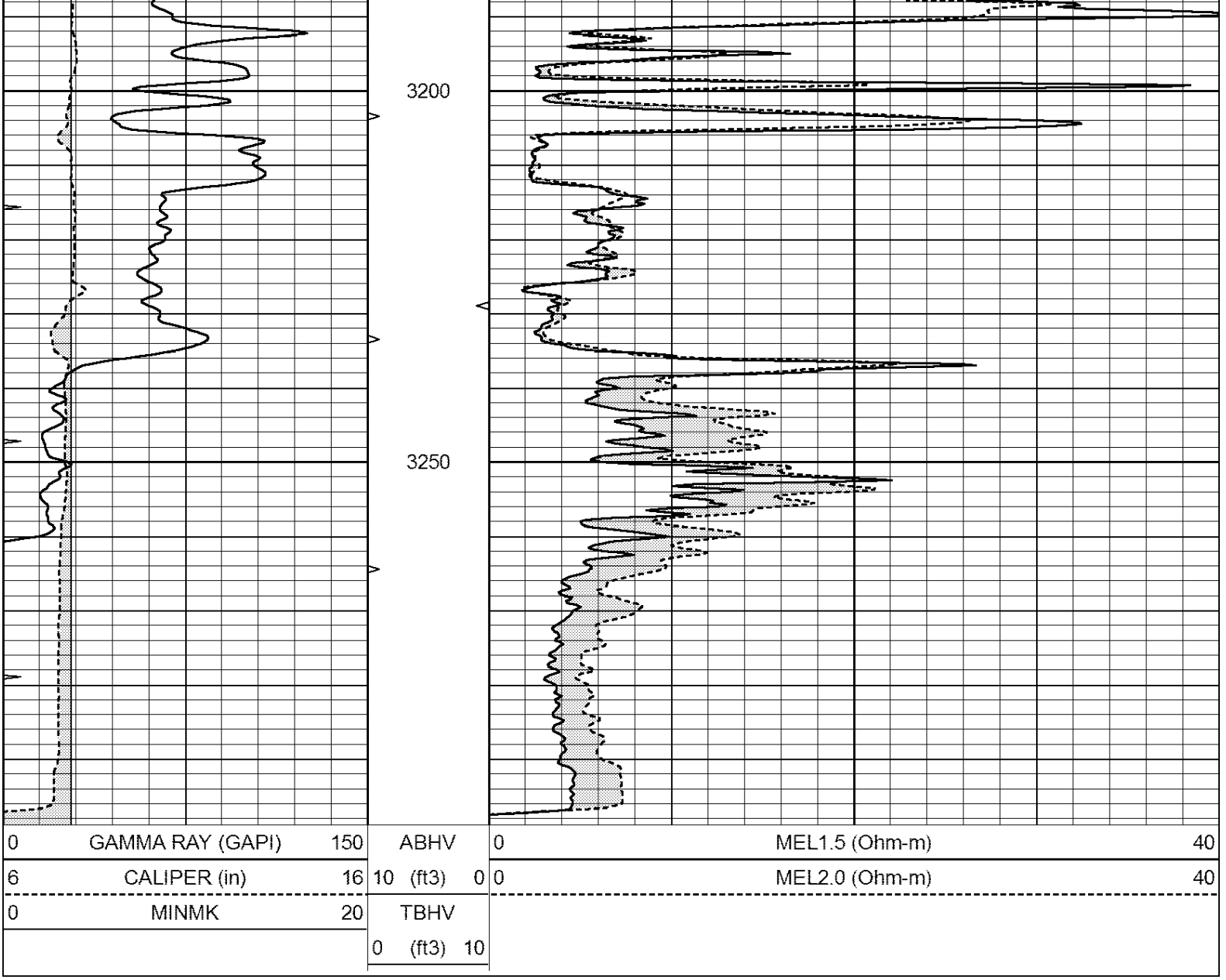
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REPEAT SECTION

Database File: 408763ddn.db
Dataset Pathname: pass5.3
Presentation Format: micro
Dataset Creation: Sun May 06 18:21:18 2012
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	MEL2.0 (Ohm-m) 40
0	MINMK	20	TBHV		
			0 (ft3) 10		





Calibration Report

Database File: 408763ddn.db
Dataset Pathname: pass6.2
Dataset Creation: Sun May 06 19:02:26 2012

MICRO Calibration Report

Serial Number:	2	
Tool Model:	PROBE	
Performed:	Sun May 06 17:24:29 2012	
Caliper Calibration:	Gain=4.105	Offset=3.360
	Low Cal	High Cal
References	8.000	15.000
Readings	1.130	2.835
1.5" Calibration:	Gain=25.000	Offset=-1.000
	Low Cal	High Cal
References	0.000	20.000
Readings	0.065	1.210
2" Calibration:	Gain=55.000	Offset=-0.800
	Low Cal	High Cal

References	0.000	20.000
Readings	0.012	1.043

Gamma Ray Calibration Report

Serial Number:	GR4	
Tool Model:	OPEN	
Performed:	Sun May 06 18:06:49 2012	
Calibrator Value:	200.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	189.0	cps
Sensitivity:	0.9000	GAPI/cps