NABORS COMPLETION & PRODUCTION SERVICES CO.

MICRO LOG

Company	O'BRIEN RESOURCES, LLC.
Well	SNIDER - SHARP 35 #1
Field	HEALY SOUTHWEST
County	LANE
State	KANSAS

Company O'BRIEN RESOURCES, LLC.

Well SNIDER - SHARP 35 #1

Field HEALY SOUTHWEST

County LANE State KANSAS

Location: API # : 15-101-22445-0000

175' FSL & 765' FWL
SW - SE - SW - SW
SEC 35 TWP 16S RGE 30W

Other Services
CDL/CNL/PE
DIL

Permanent Datum GROUND LEVEL Elevation 2850
Log Measured From KELLY BUSHING 11' A.G.L.
Drilling Measured From KELLY BUSHING

Elevation
K.B. 2861
D.F. 2859
G.L. 2850

Date	7/28/13		
Run Number	TWO		
Depth Driller	4675		
Depth Logger	4668		
Bottom Logged Interval	4666		
Top Log Interval	3600		
Casing Driller	8 5/8"@262'		
Casing Logger	263		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 2,400 PPM	
Density / Viscosity	9.3/56		
pH / Fluid Loss	10.5/8.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.55@80F		
Rmf @ Meas. Temp	1.16@80F		
Rmc @ Meas. Temp	1.86@80F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	1.02@122F		
Time Circulation Stopped	4.5 HOURS		
Time Logger on Bottom	2:30 A.M.		
Maximum Recorded Temperature	122F		
Equipment Number	4854		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	KURT TALBOTT		

<<< 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 "NABORS" HAYS, KANSAS (785) 628-6395
DIRECTIONS
HEALY, KS. & "DODGE ST." (HEALY OIL CO.) 1N. PAST HIGH SCHOOL, 1/4E., N. INTO

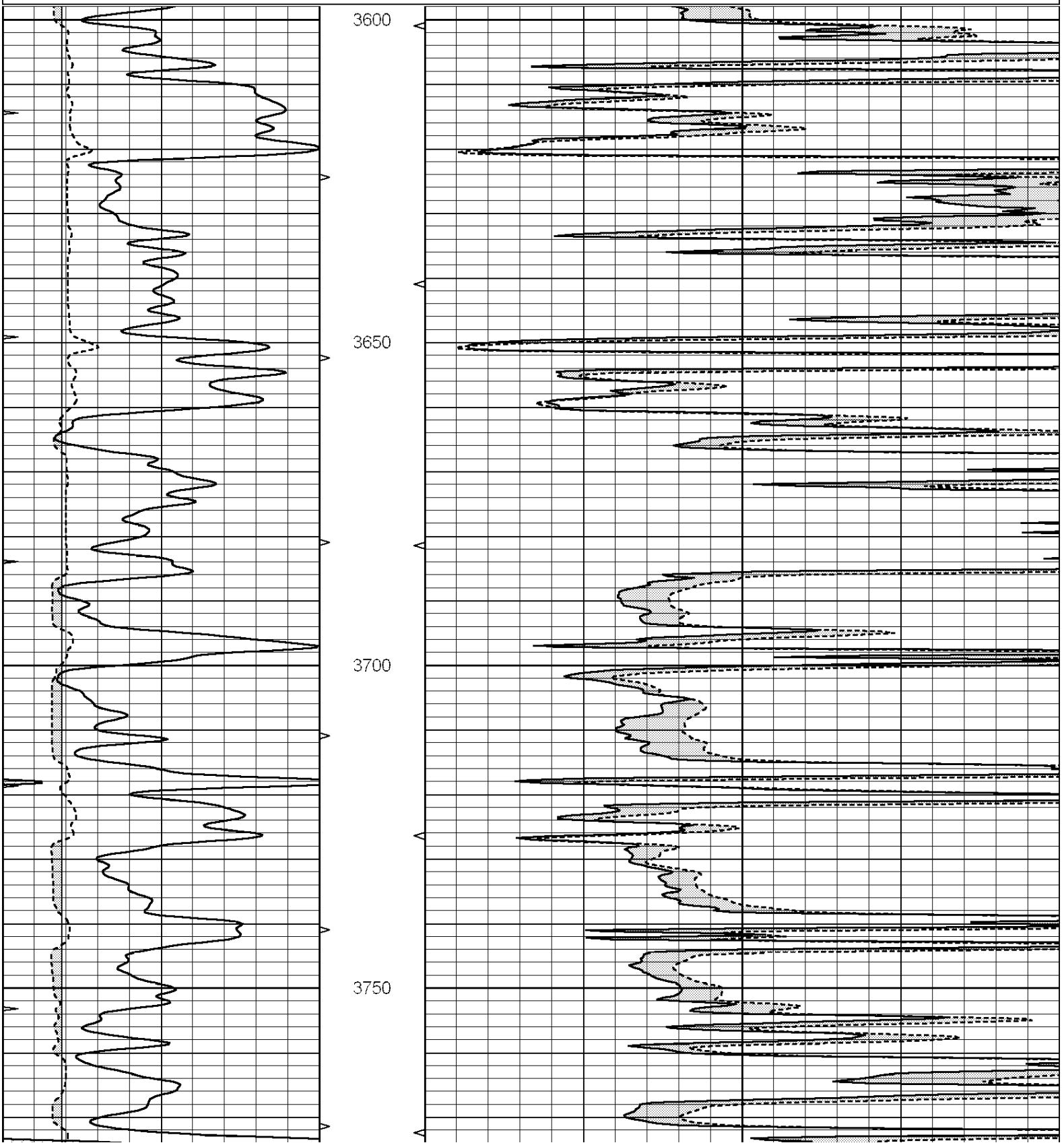
NABORS COMPLETION & PRODUCTION SERVICES CO.

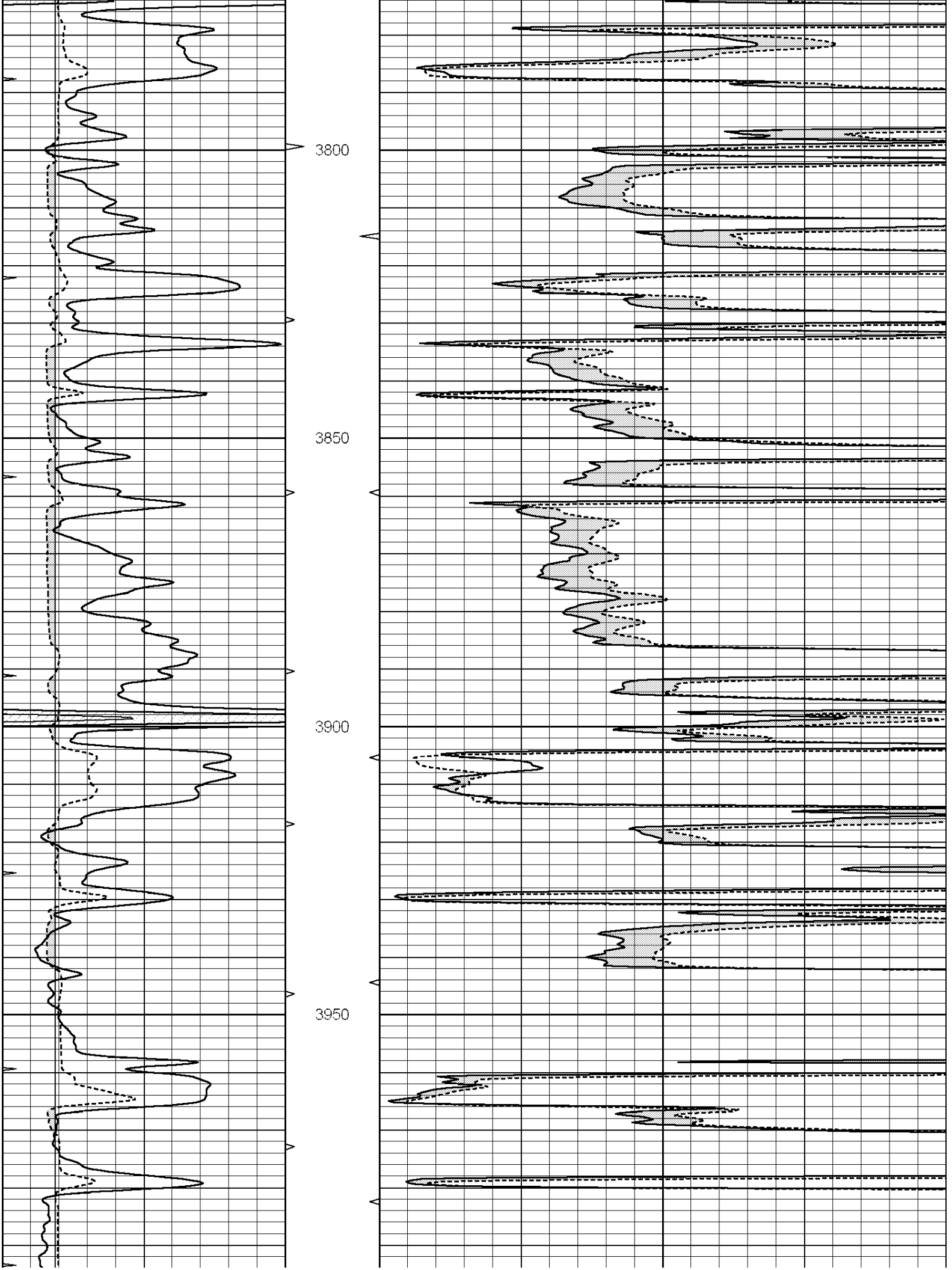
MAIN SECTION

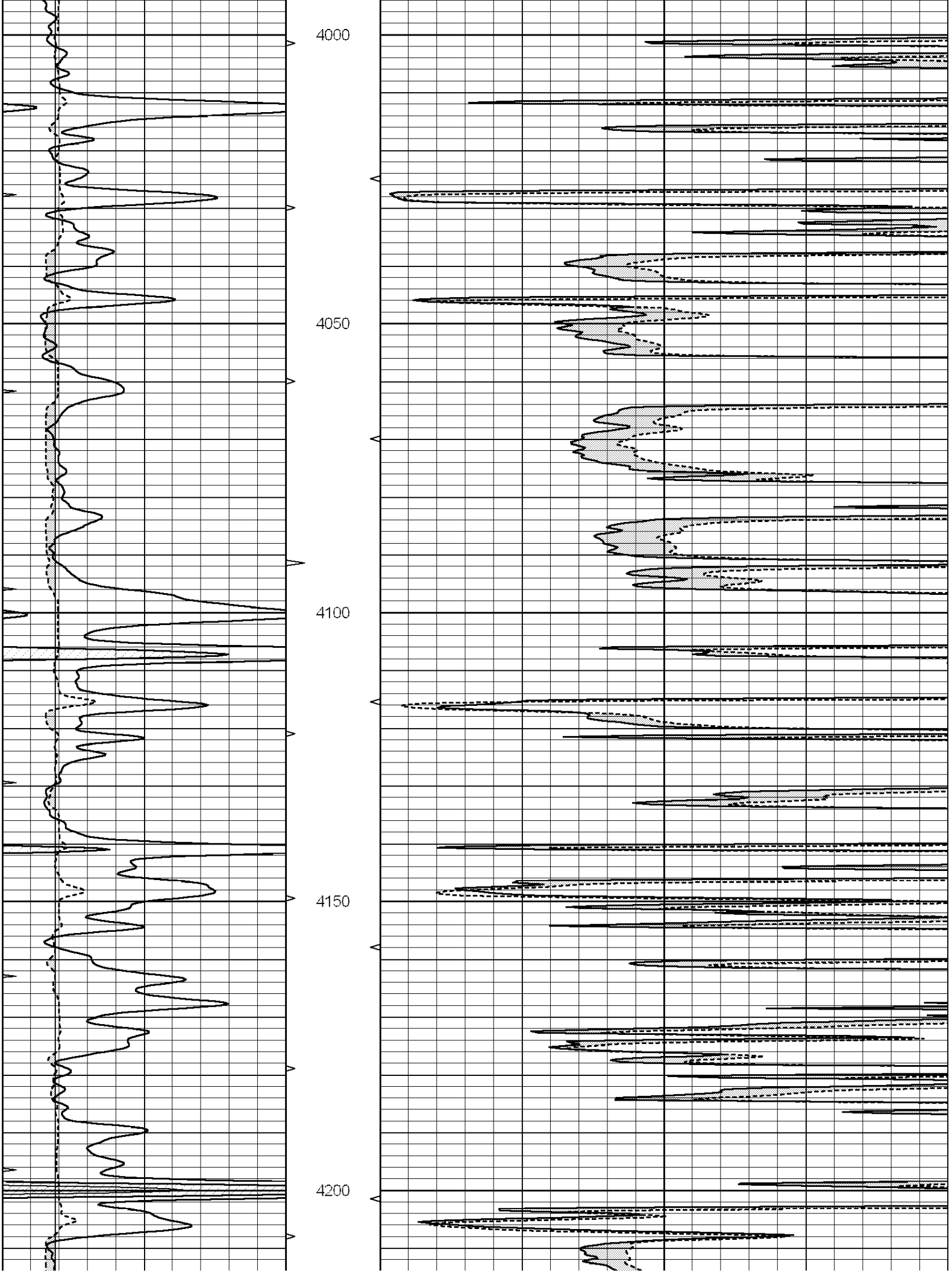
SERVICES CO.

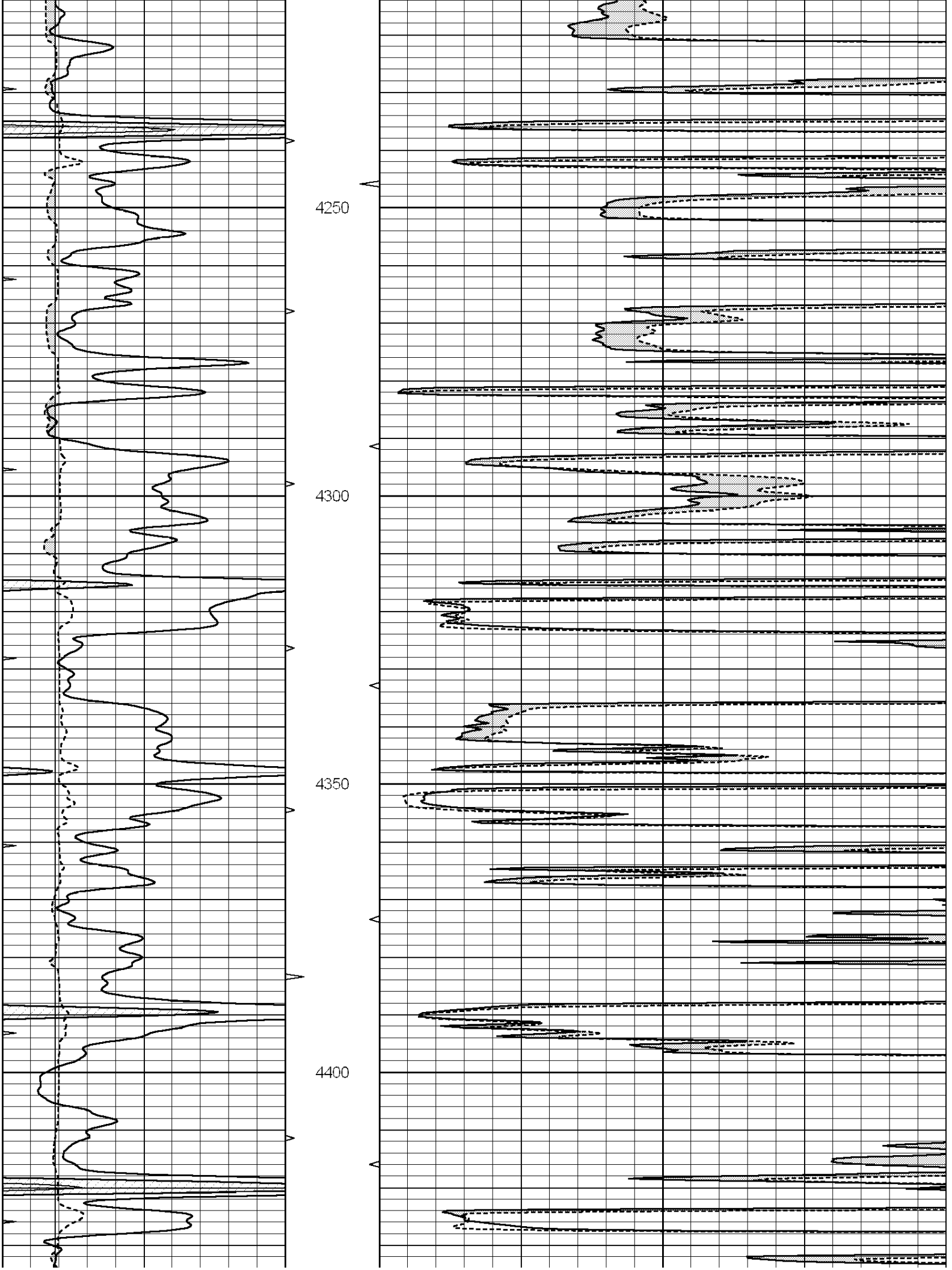
Database File:	011195pe.db
Dataset Pathname:	pass7.8
Presentation Format:	micro
Dataset Creation:	Sun Jul 28 05:42:15 2013
Charted by:	Depth in Feet scaled 1:240

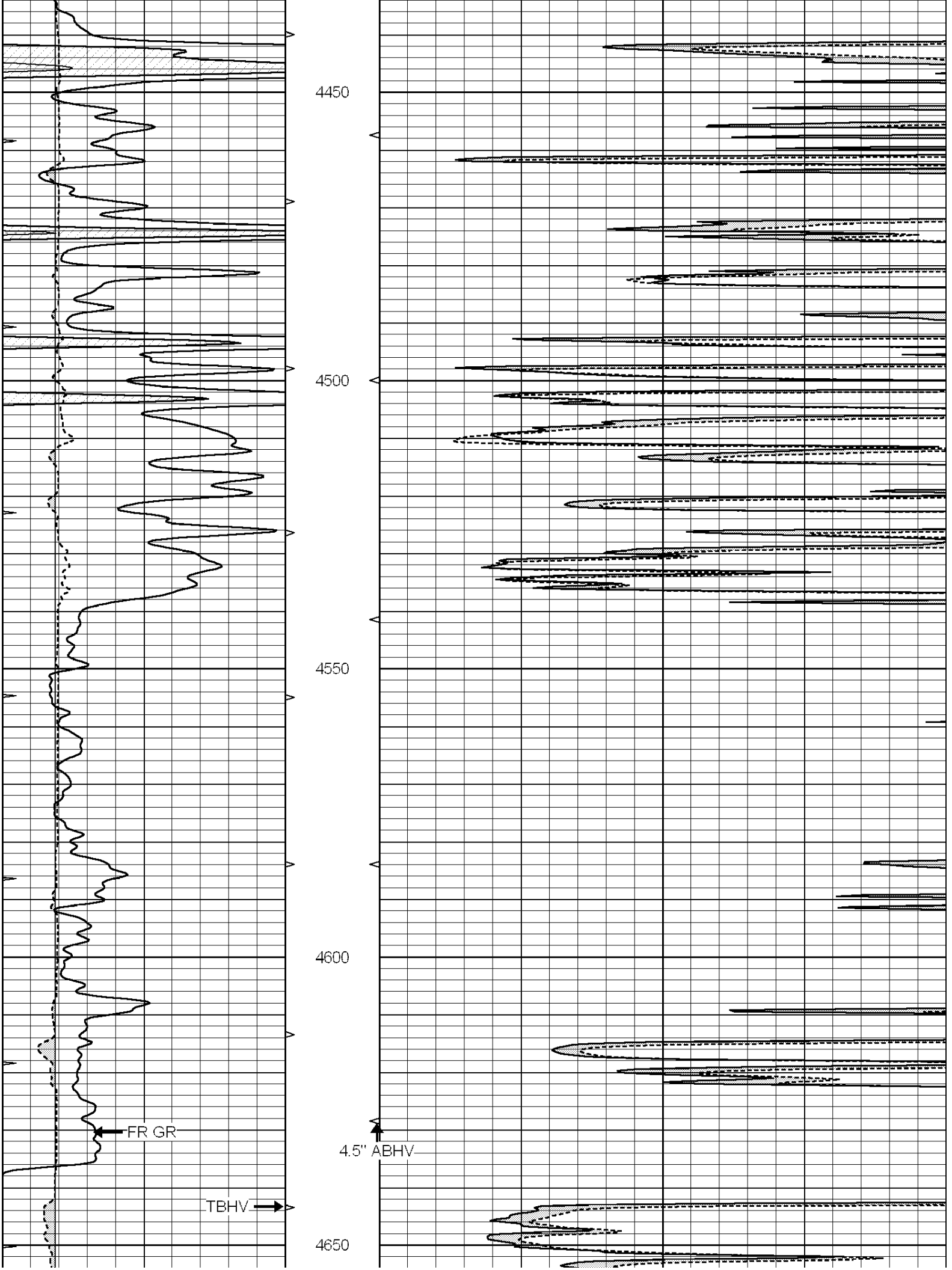
0	GAMMA RAY (GAPI) 150		ABHV	0	MEL1.5 (Ohm-m) 40
6	CALIPER (in) 16	10	(ft3) 0	0	MEL2.0 (Ohm-m) 40
0	MINMK 20		TBHV		
		0	(ft3) 10		

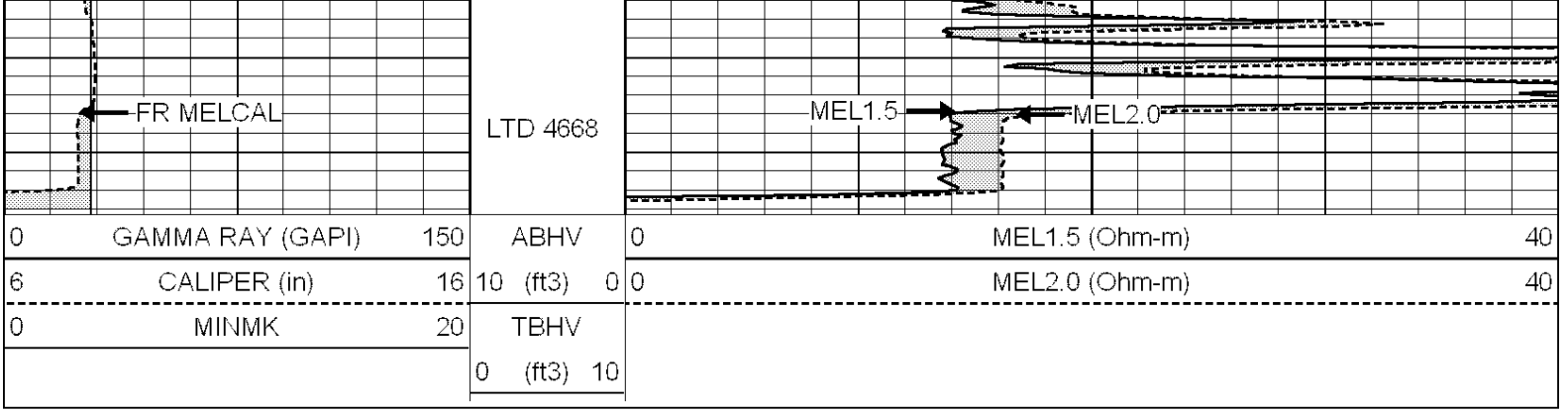



3800
3850
3900
3950


4000
4050
4100
4150
4200


4250
4300
4350
4400


4450
4500
4550
4600
4650
FR GR
4.5" ABHV
TBHV



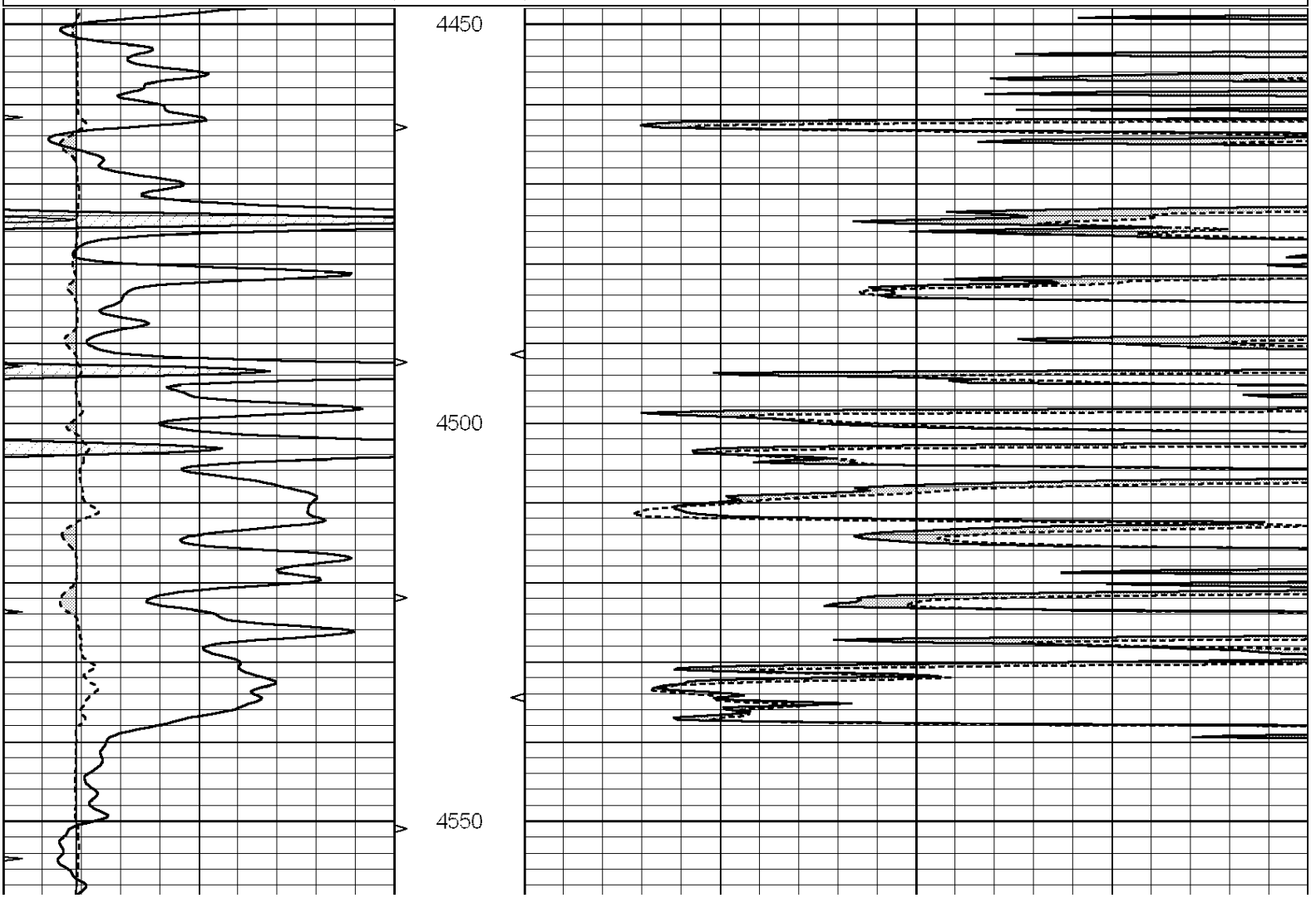
0	GAMMA RAY (GAPI) 150		ABHV	0	MEL1.5 (Ohm-m) 40
6	CALIPER (in) 16	10	(ft3) 0	0	MEL2.0 (Ohm-m) 40
0	MINMK 20		TBHV		
		0	(ft3) 10		

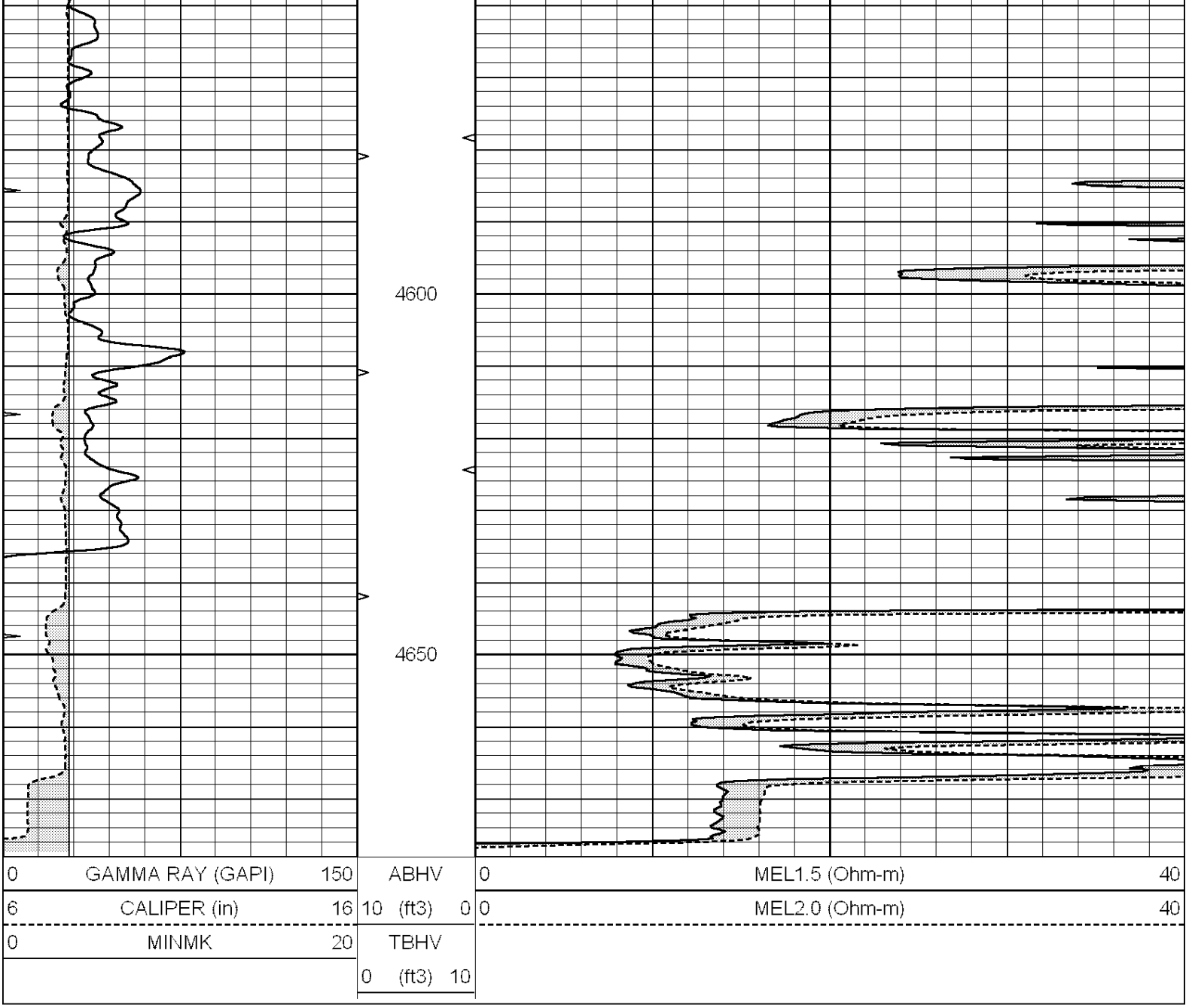
NABORS
COMPLETION & PRODUCTION SERVICES CO.

REPEAT SECTION

Database File: 011195pe.db
Dataset Pathname: pass6.4
Presentation Format: micro
Dataset Creation: Sun Jul 28 05:45:35 2013
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: 011195pe.db
Dataset Pathname: pass7.8
Dataset Creation: Sun Jul 28 05:42:15 2013

MICRO Calibration Report

Serial Number:	2	
Tool Model:	PROBE	
Performed:	Sun Jun 23 22:34:27 2013	
Caliper Calibration:	Gain=6.371	Offset=-3.531
	Low Cal	High Cal
References	7.500	16.000
Readings	1.731	3.065
1.5" Calibration:	Gain=50.000	Offset=-5.500
	Low Cal	High Cal
References	0.000	20.000
Readings	0.015	0.458

2 Calibration:	Gain=75.000	Offset=-4.400
	Low Cal	High Cal
References	0.000	20.000
Readings	0.003	0.384

Gamma Ray Calibration Report

Serial Number:	GR3	
Tool Model:	OPEN	
Performed:	Sun Jul 28 04:33:29 2013	
Calibrator Value:	200.0	GAPI
Background Reading:	3.0	cps
Calibrator Reading:	186.0	cps
Sensitivity:	1.0000	GAPI/cps