



MICRO LOG

Company	Meridian Energy	Location:		API # : 15 163 24145	Other Services
Well	Hamel 3A	330' FSL & 660' FWL			DIL
Field	Lynd				CDNL
County	Rooks				
State	KS				
Permanent Datum	SEC 33 TWP 9S RGE 19W				Elevation
Log Measured From	Ground Level				K.B. 2213'
Drilling Measured From	KB 5' AGL				D.F. 2213'
	KB				G.L. 2208'
Date	10-16-13				
Run Number	Two				
Depth Driller	3830'				
Depth Logger	3830'				
Bottom Logged Interval	3828'				
Top Log Interval	3000'				
Casing Driller	8 5/8" @ 220'				
Casing Logger	220'				
Bit Size	7 7/8"				
Type Fluid in Hole	Chemical Mud				
Density / Viscosity	9.3/58				
pH / Fluid Loss	10.0/8.8				
Source of Sample	Pit				
Rm @ Meas. Temp	1.95@85degf				
Rmf @ Meas. Temp	1.56@85degf				
Rmc @ Meas. Temp	2.5@85degf				
Source of Rmf / Rmc	Calculated				
Rm @ BHT	1.44@115degf				
Time Circulation Stopped	5:00 p.m.				
Time Logger on Bottom	9:15 p.m.				
Maximum Recorded Temperature	115 degf				
Equipment Number	T127				
Location	Hays, KS.				
Recorded By	L. Smith				
Witnessed By	Mr. Pat Denehan				

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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

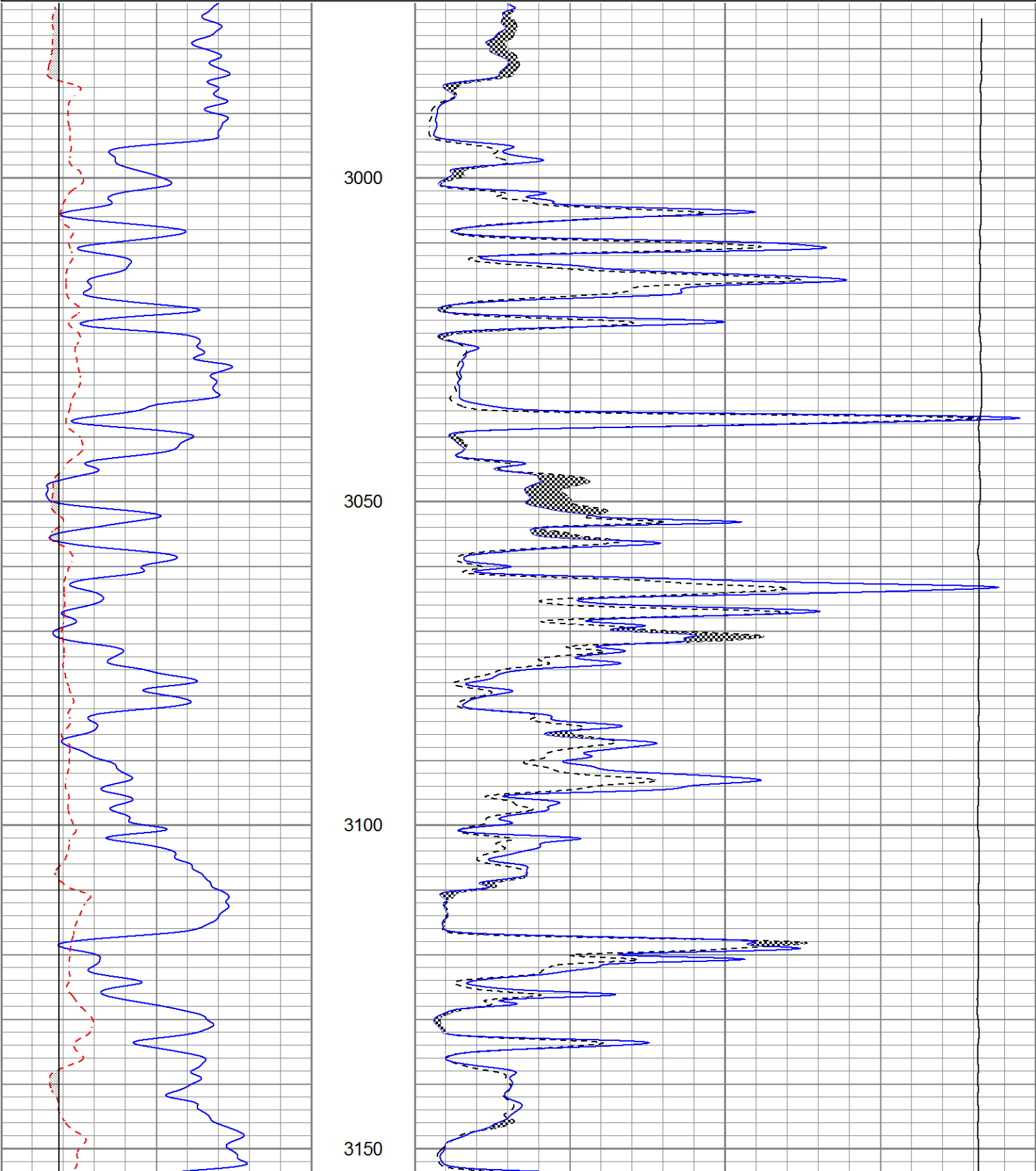
Thank you for using Gemini Wireline
785-625-1182

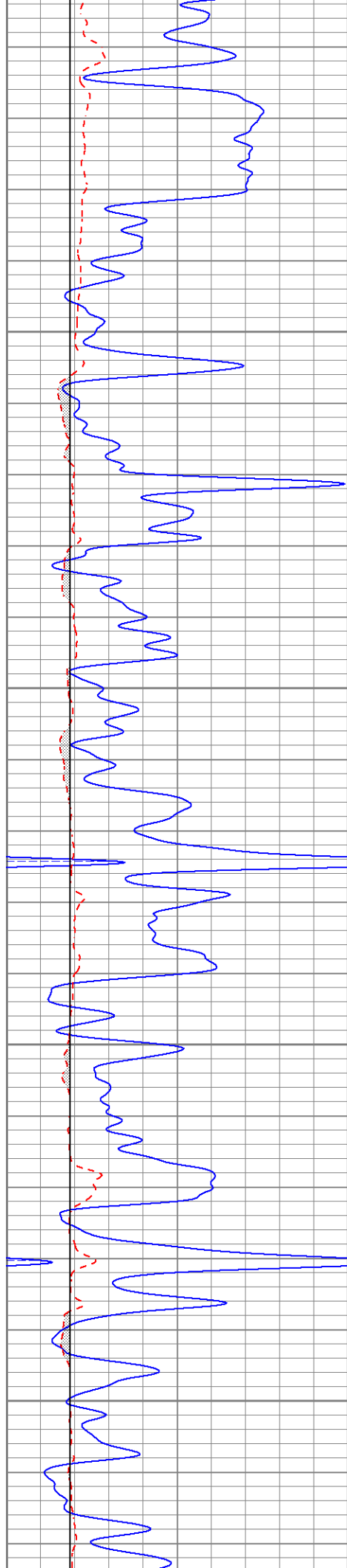


Main Pass

Database File	mehamel3aoh.db
Dataset Pathname	pass6.1
Presentation Format	kml
Dataset Creation	Wed Oct 16 22:41:59 2013
Charted by	Depth in Feet scaled 1:240

0	GR (GAPI)	150	0	MN 2" (Ohm-m)	20
6	MCAL (in)	16	0	MI 1" (Ohm-m)	20
6	BOREID (in)	16	10000	LTEN (lb)	0



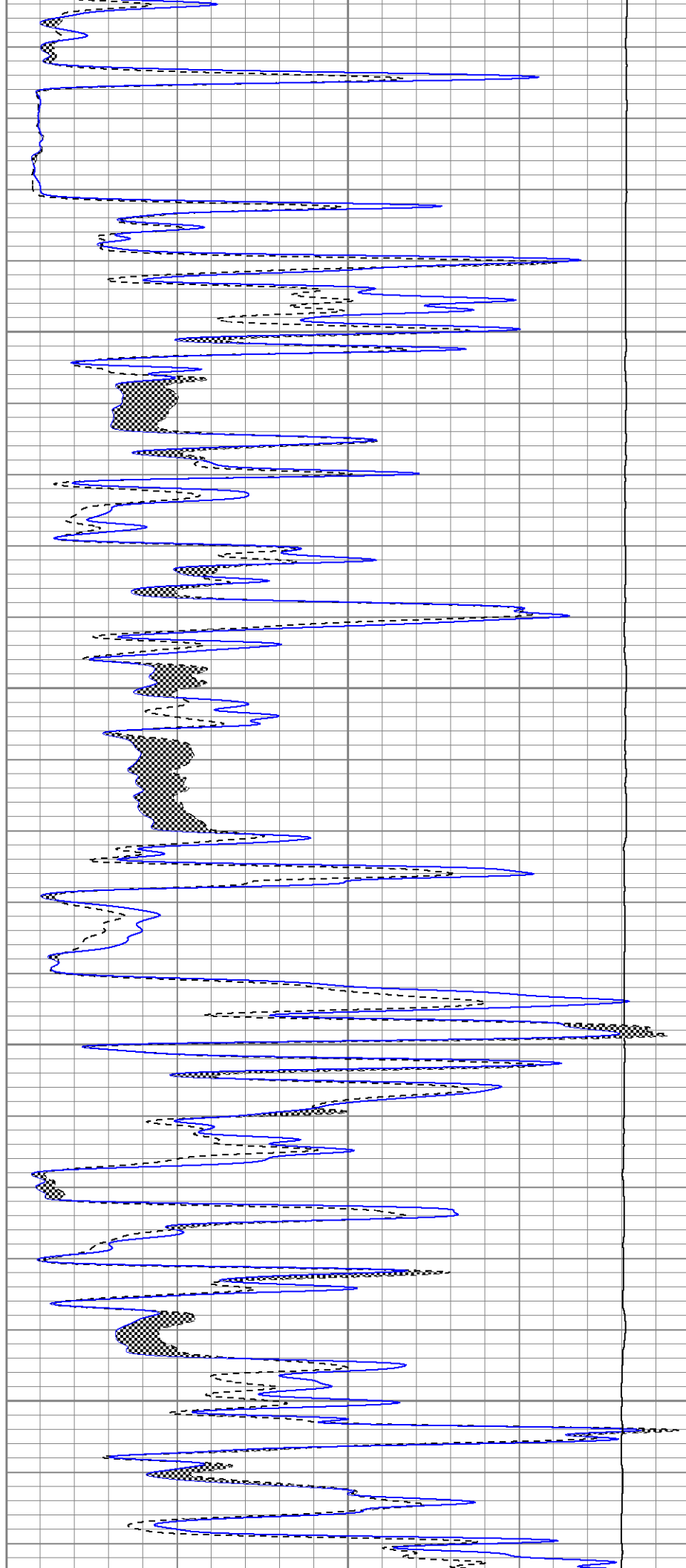


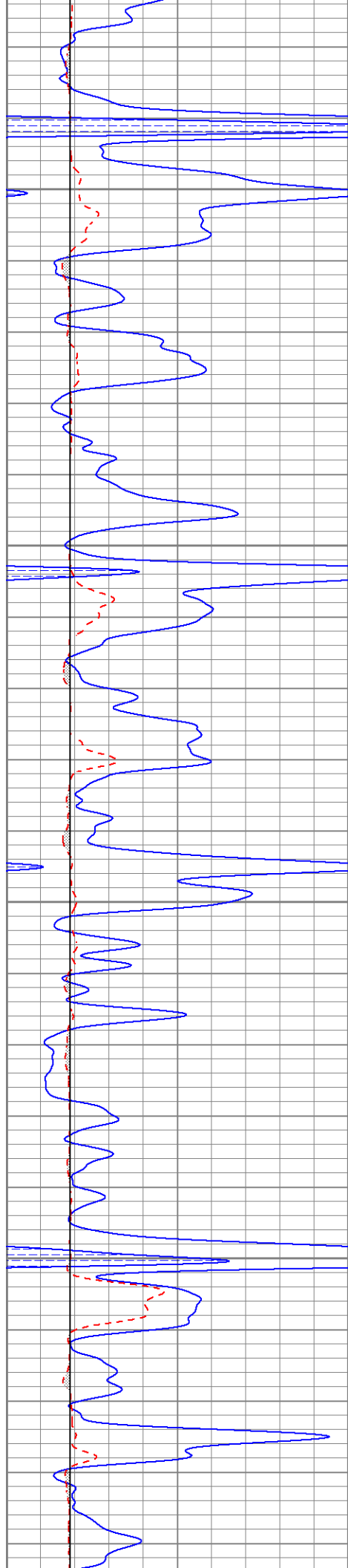
3200

3250

3300

3350



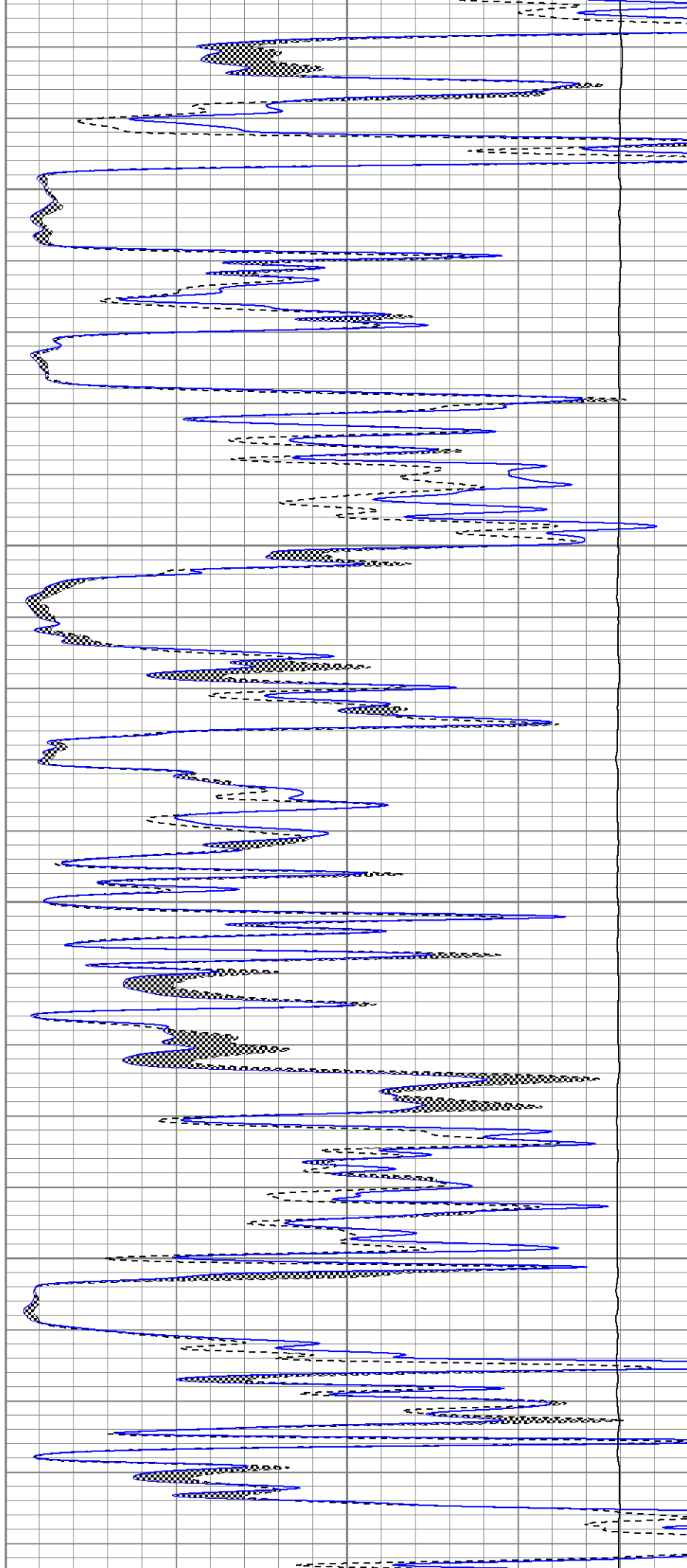


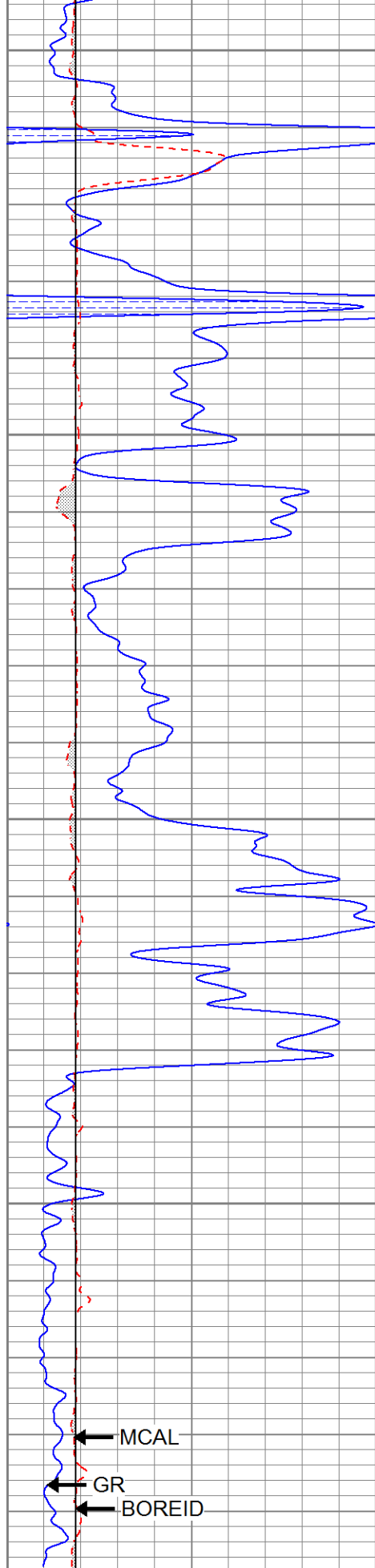
3400

3450

3500

3550





3600

3650

3700

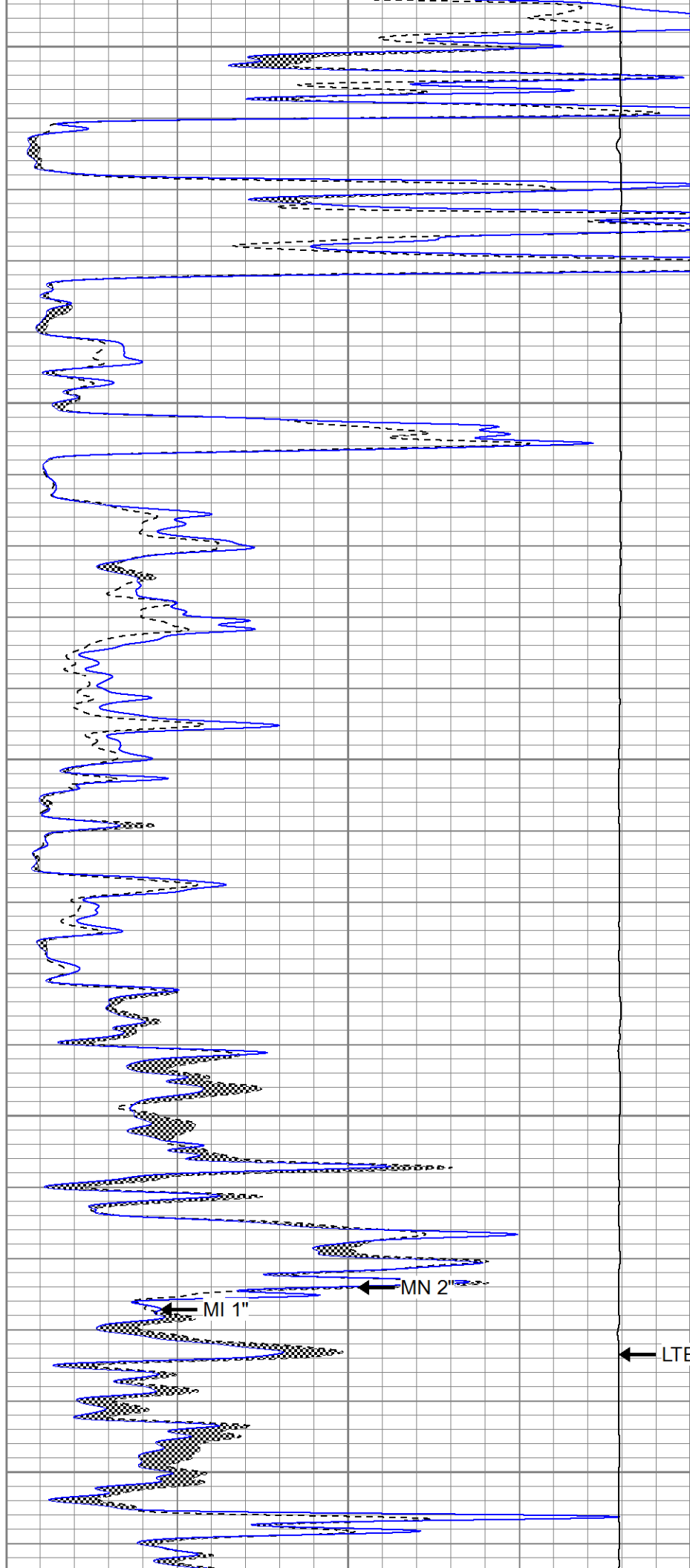
3750

3800

MCAL

GR

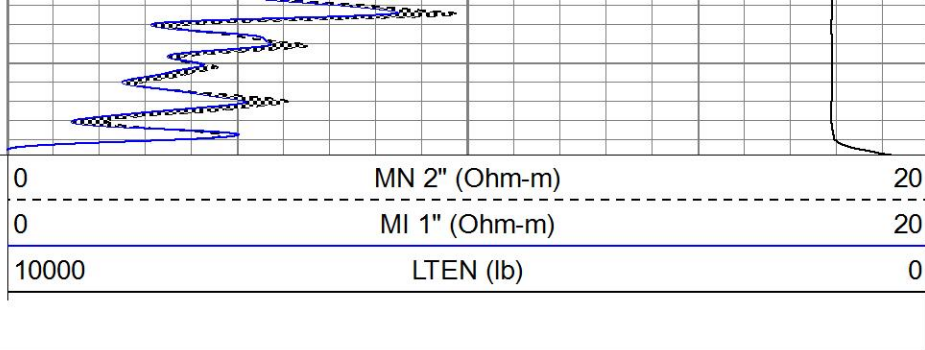
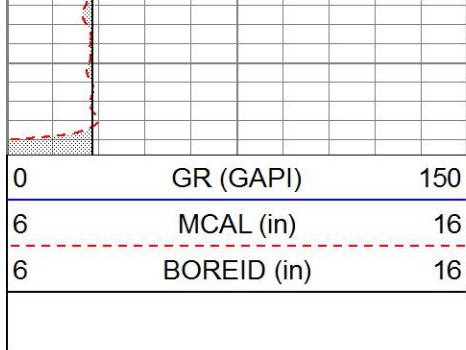
BOREID



MI 1"

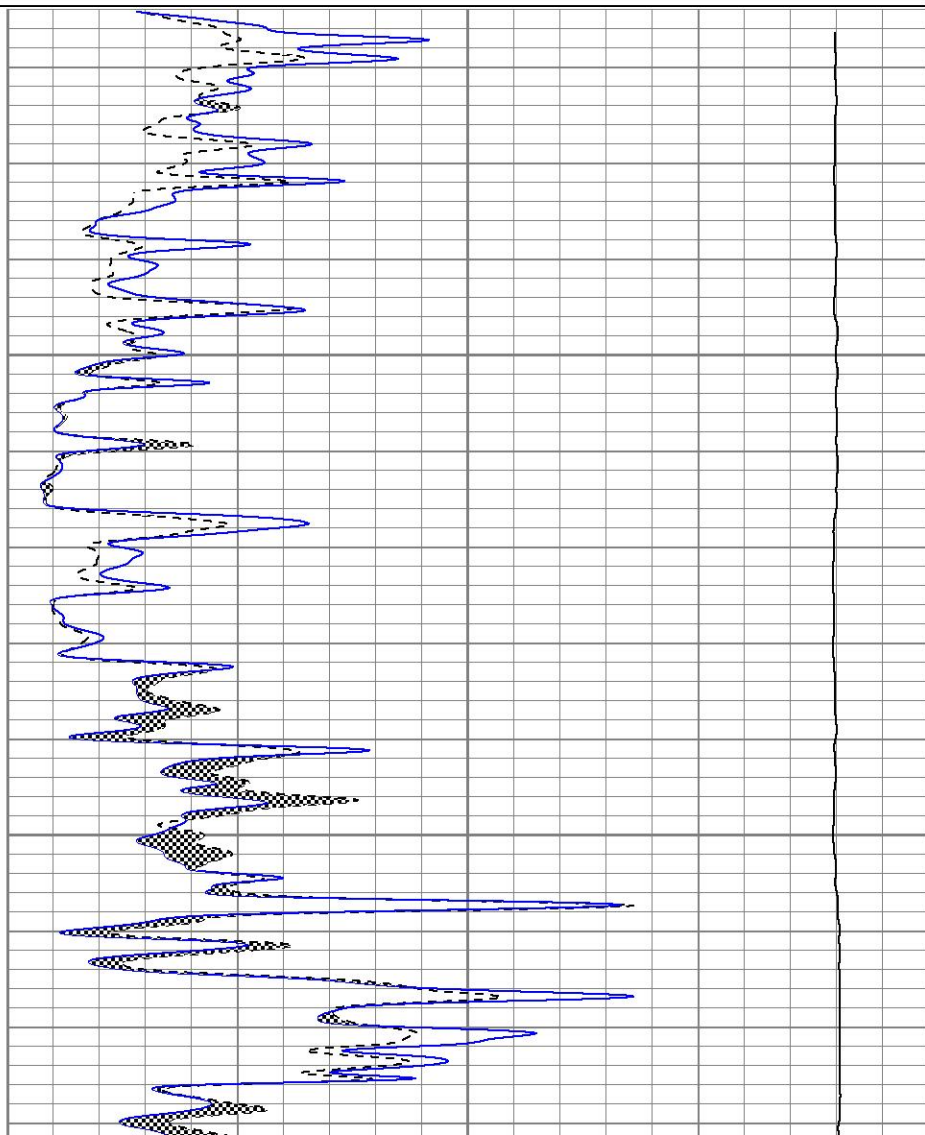
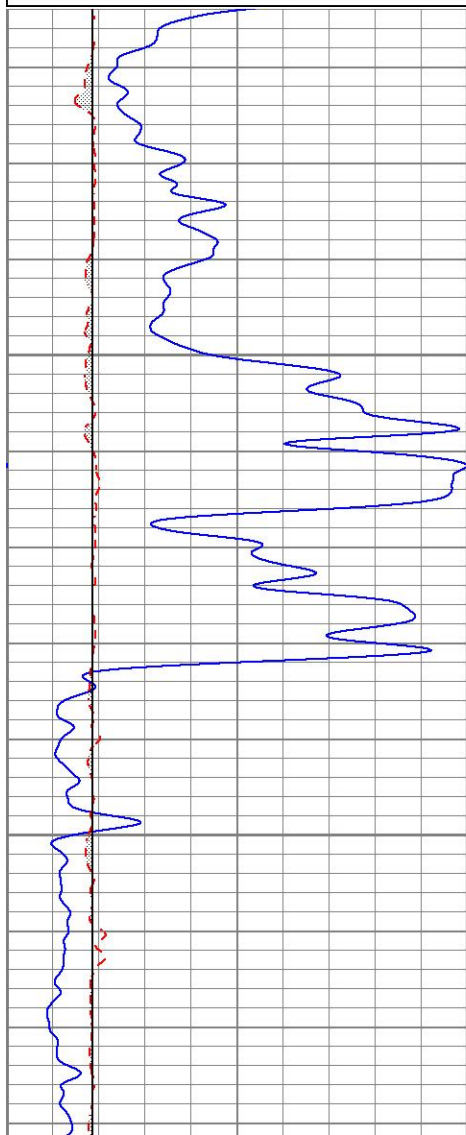
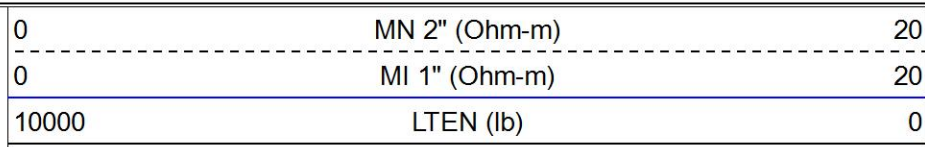
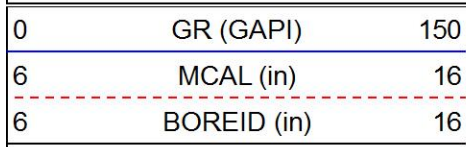
MN 2"

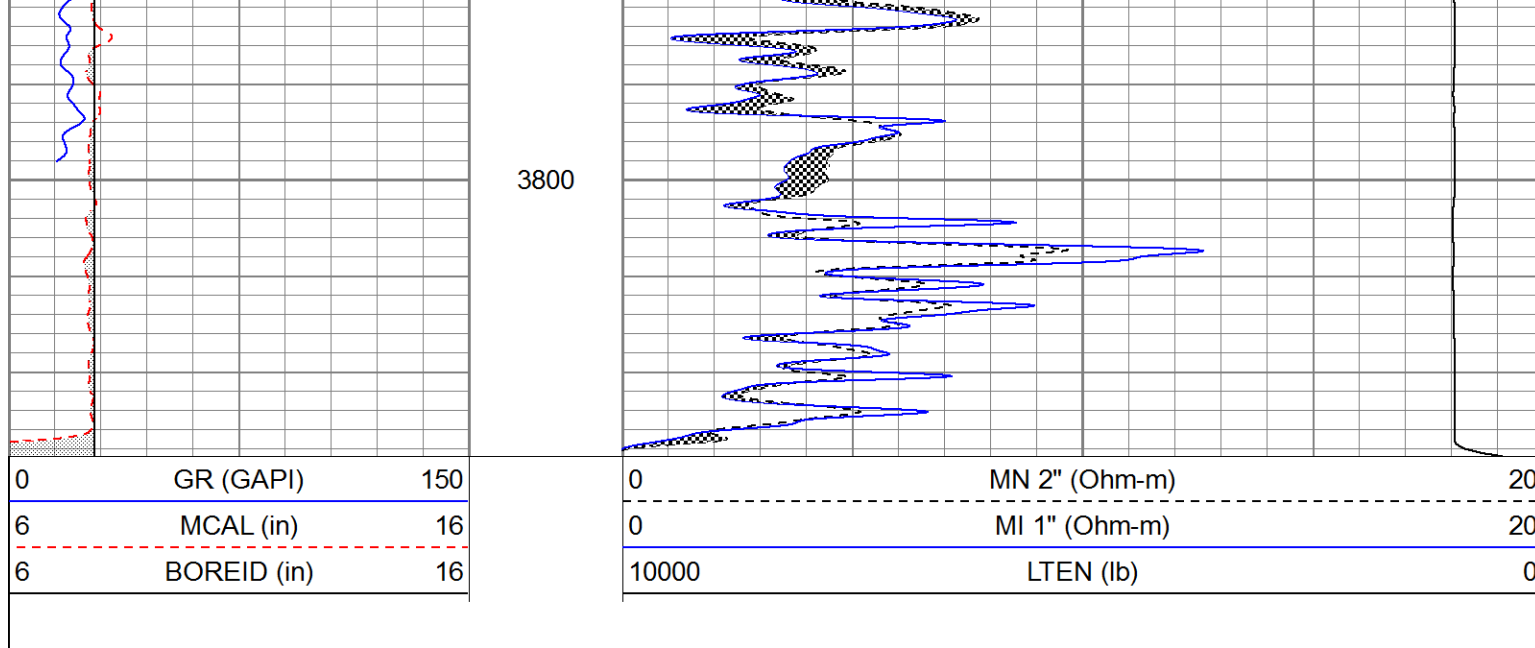
LTE



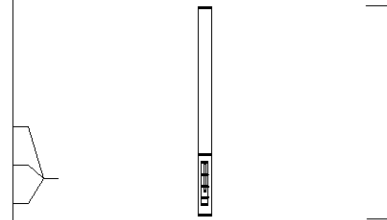
Repeat Pass

Database File mehamel3aoh.db
 Dataset Pathname pass5.1
 Presentation Format kml
 Dataset Creation Wed Oct 16 22:34:39 2013
 Charted by Depth in Feet scaled 1:240





Calibration Report								
Database File	mehamel3aoh.db							
Dataset Pathname	pass5.1							
Dataset Creation	Wed Oct 16 22:34:39 2013							
Microlog Calibration Report								
Serial-Model:			012-Pengo					
Performed:			Wed Oct 16 22:09:00 2013					
	Readings			References			Results	
	Zero	Cal		Zero	Cal		m	b
Normal	0.0055	0.4354	V	0.0000	10.0000	Ohm-m	23.2582	-0.1273
Inverse	0.0064	0.5612	V	0.0000	8.0000	Ohm-m	14.4182	-0.0917
Caliper	3.2460	6.8378	V	8.5500	15.0000	in	1.7957	2.7211

Sensor	Offset (ft)	Schematic	Description	Length (ft)	O.D. (in)	Weight (lb)
MCAL	1.30		ML-Pengo (012)	6.97	3.50	100.00
MI	1.30					
MN	1.30					
		Dataset:	mehamel3aoh.db: field/well/run1/pass5.1			
		Total length:	6.97 ft			
		Total weight:	100.00 lb			
		O.D.:	3.50 in			