



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

MICRO LOG

Company		L.D. DRILLING, INC.	
Well		McCRARY #9	
Field		MUELLER	
County		STAFFORD	
State		KANSAS	
Location:		APL # : 15-185-23918-0000	
Permanent Datum		GROUND LEVEL Elevation 1861	
Log Measured From		KELLY BUSHING 5' A.G.L.	
Drilling Measured From		KELLY BUSHING	
SEC 19 TWP 21S RGE 12W		Other Services CDL/CNL DIL	
Date	1/5/15		
Run Number	TWO		
Depth Driller	3575		
Depth Logger	3572		
Bottom Logged Interval	3570		
Top Log Interval	2700		
Casing Driller	8 5/8" @ 37'		
Casing Logger	376		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 6000 PPM	
Density / Viscosity	9.3/50		
pH / Fluid Loss	9.0/8.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.75 @ 50F		
Rmt @ Meas. Temp	.56 @ 50F		
Rmc @ Meas. Temp	.90 @ 50F		
Source of Rmt / Rmc	MEASUREMENT		
Rm @ BHT	.33 @ 113F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	113F		
Equipment Number	4010		
Location	HAYS, KANSAS		
Recorded By	JASON CAPPELLUCCI		
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, KS. (785) 628-6395
DIRECTIONS:
GREAT BEND, KS. - 11 SOUTH TO 170TH RD. - 3 1/2 EAST - NORTH INTO

Database File:

ldmccraryddn.db

Dataset Pathname:

pass6.1

Presentation Format:

_micro

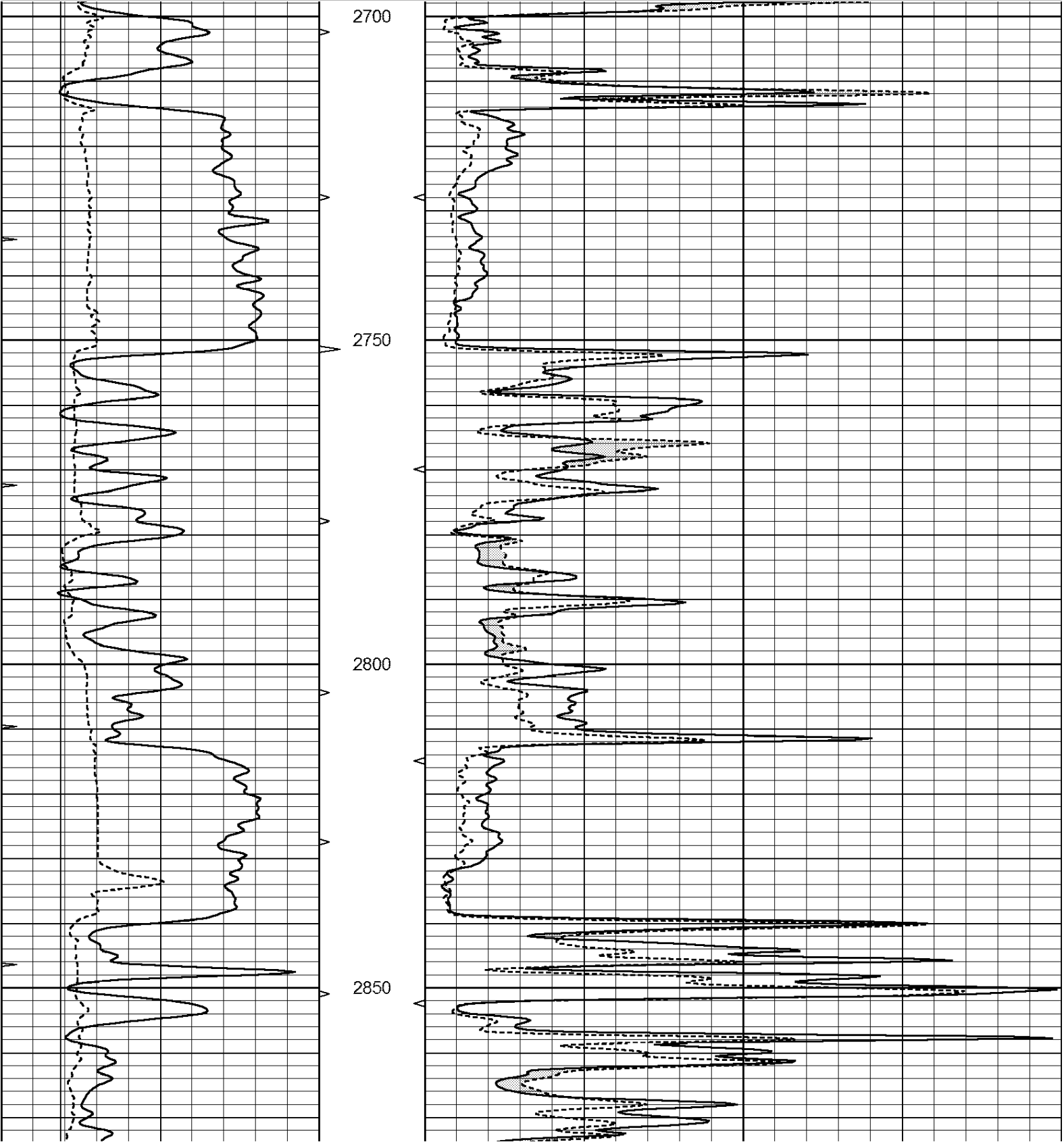
Dataset Creation:

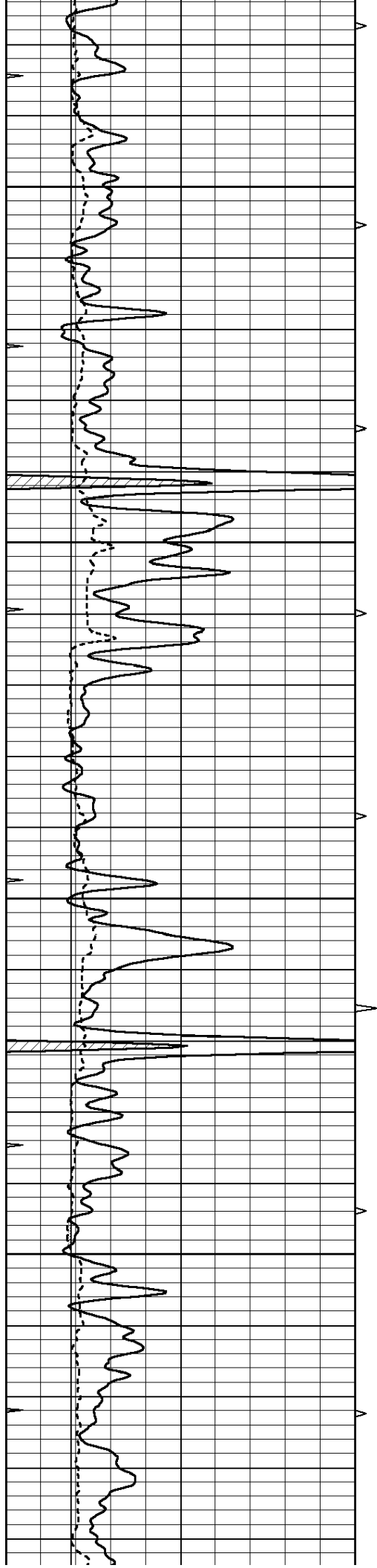
Mon Jan 05 23:39:41 2015 by Calc Open-Cased 090629

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	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		



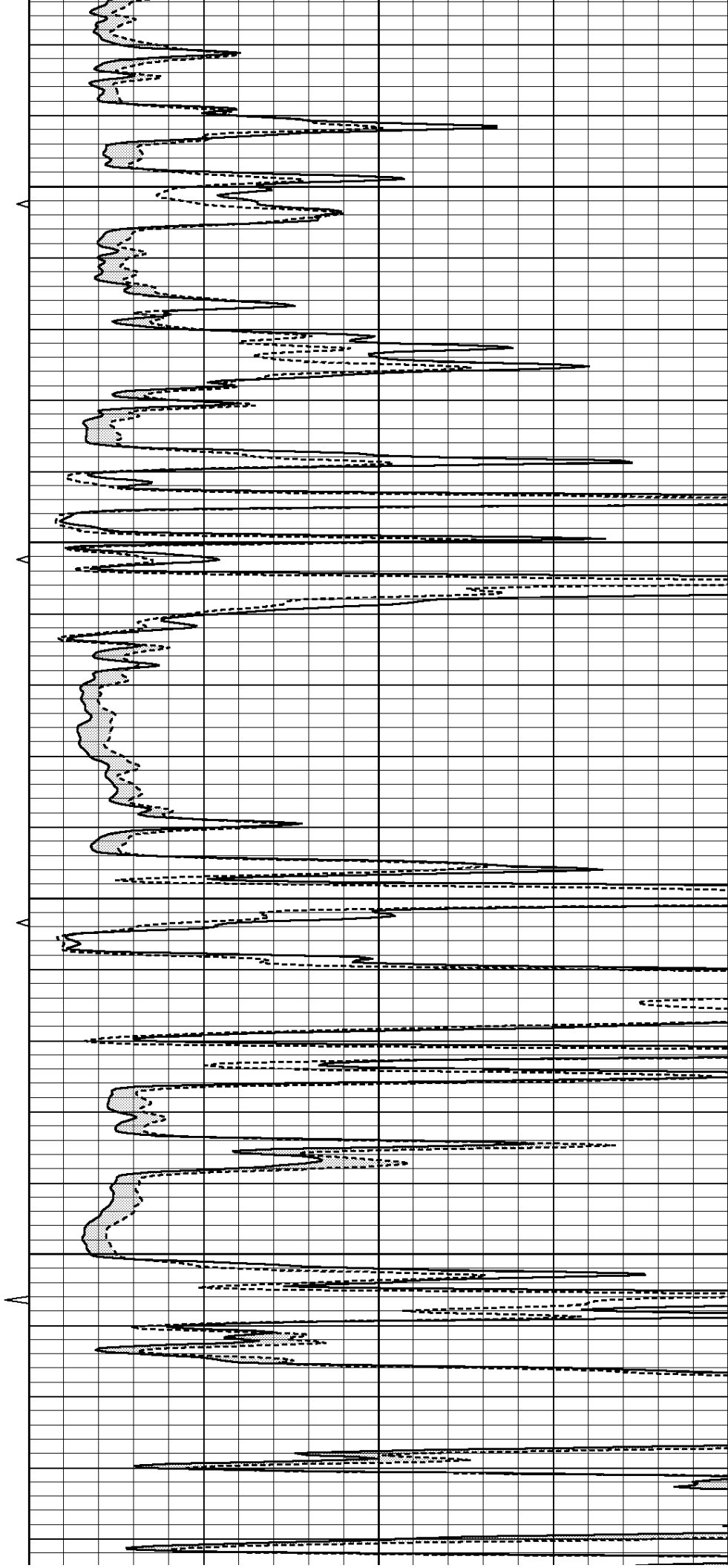


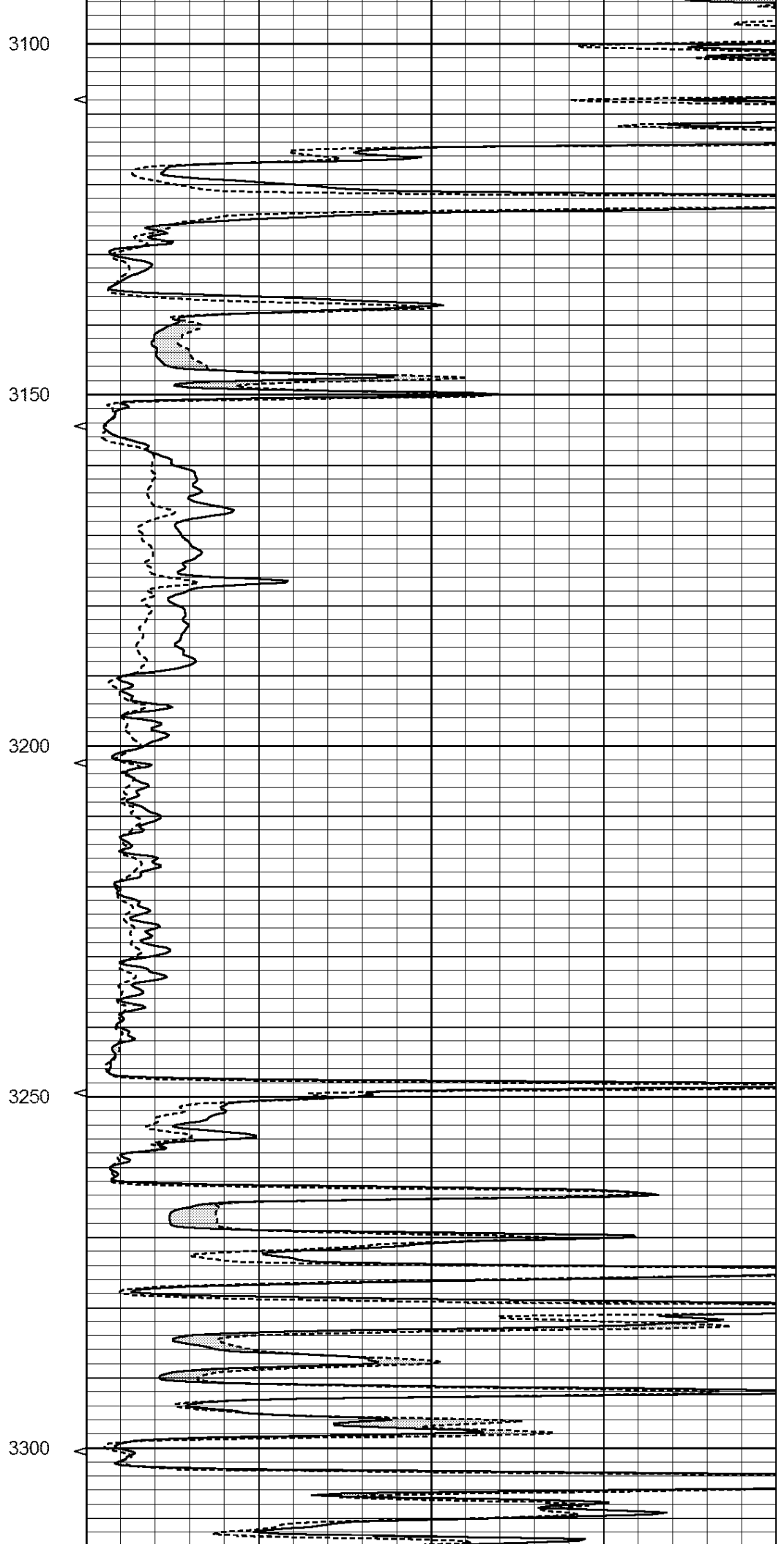
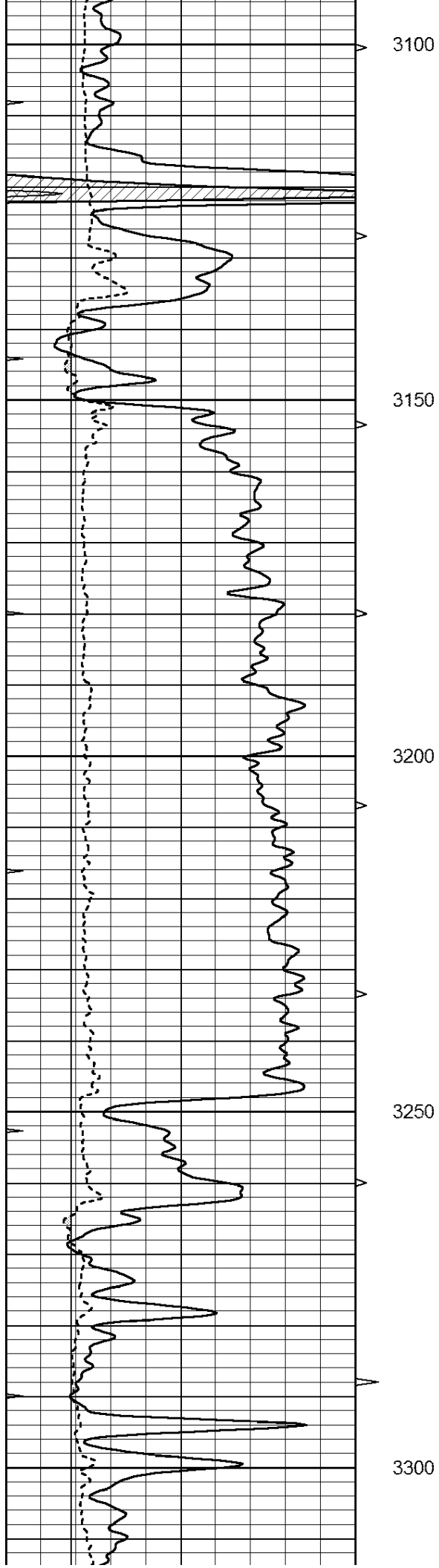
2900

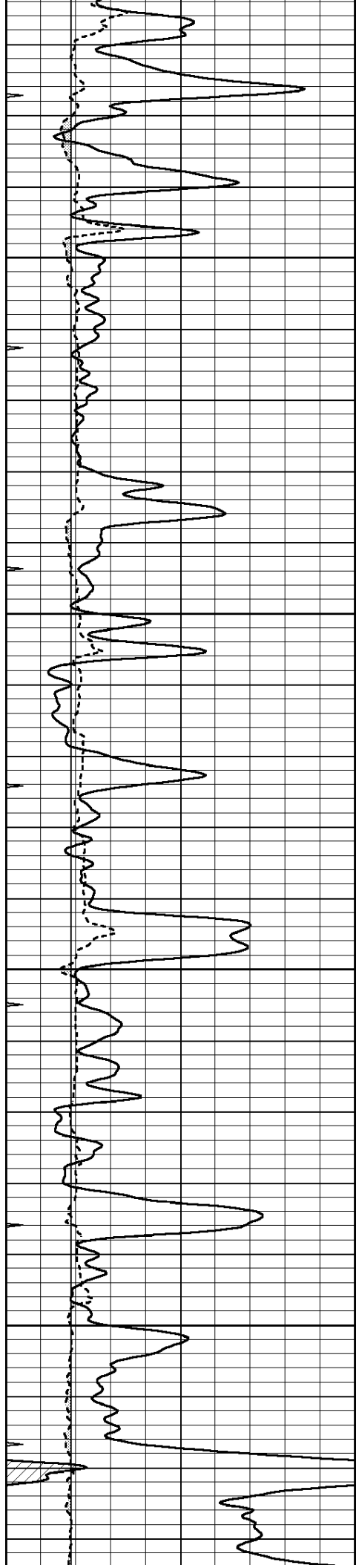
2950

3000

3050







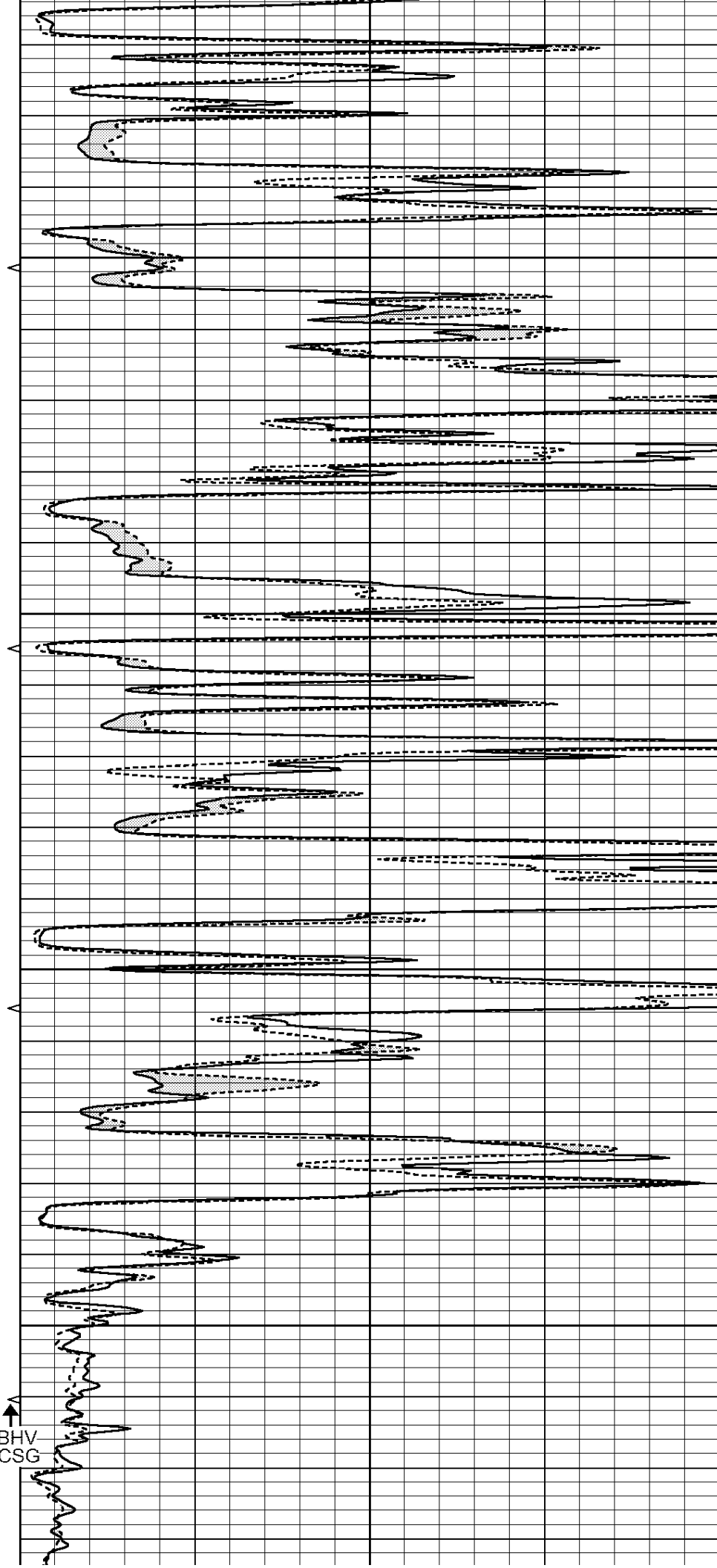
3350

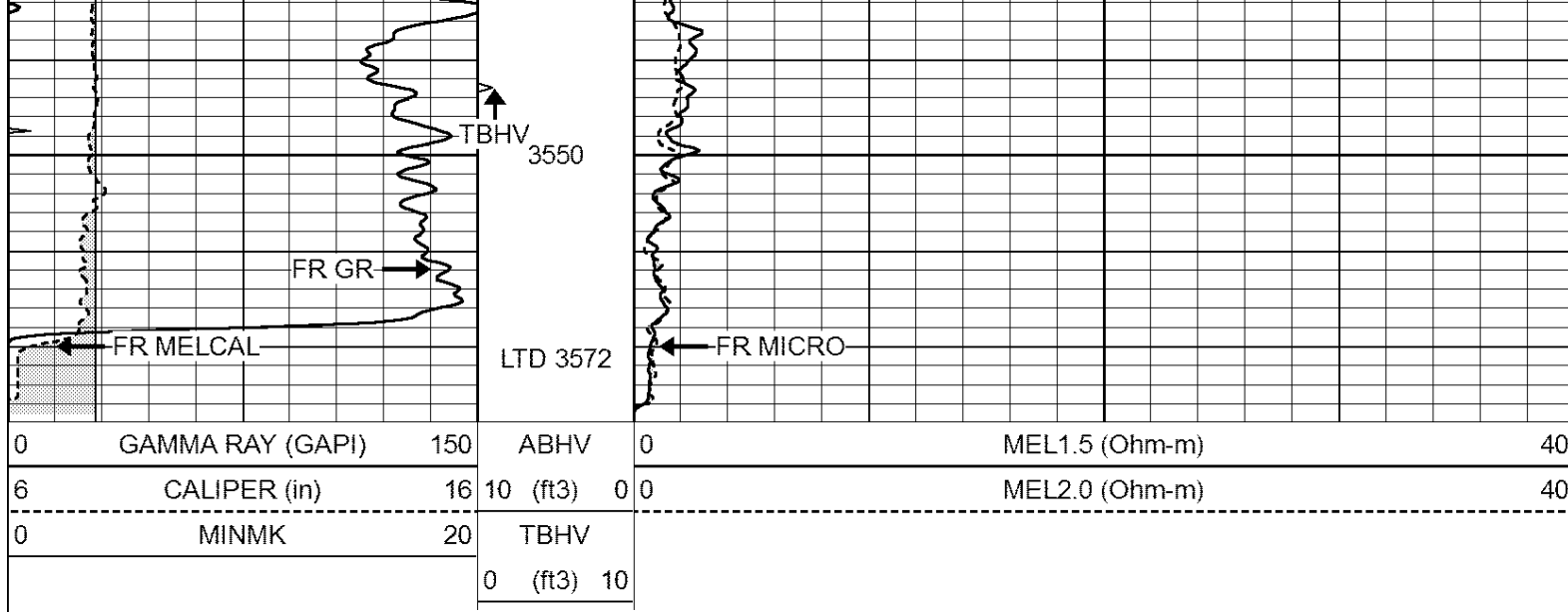
3400

3450

3500

ABHV
5.5" CSG





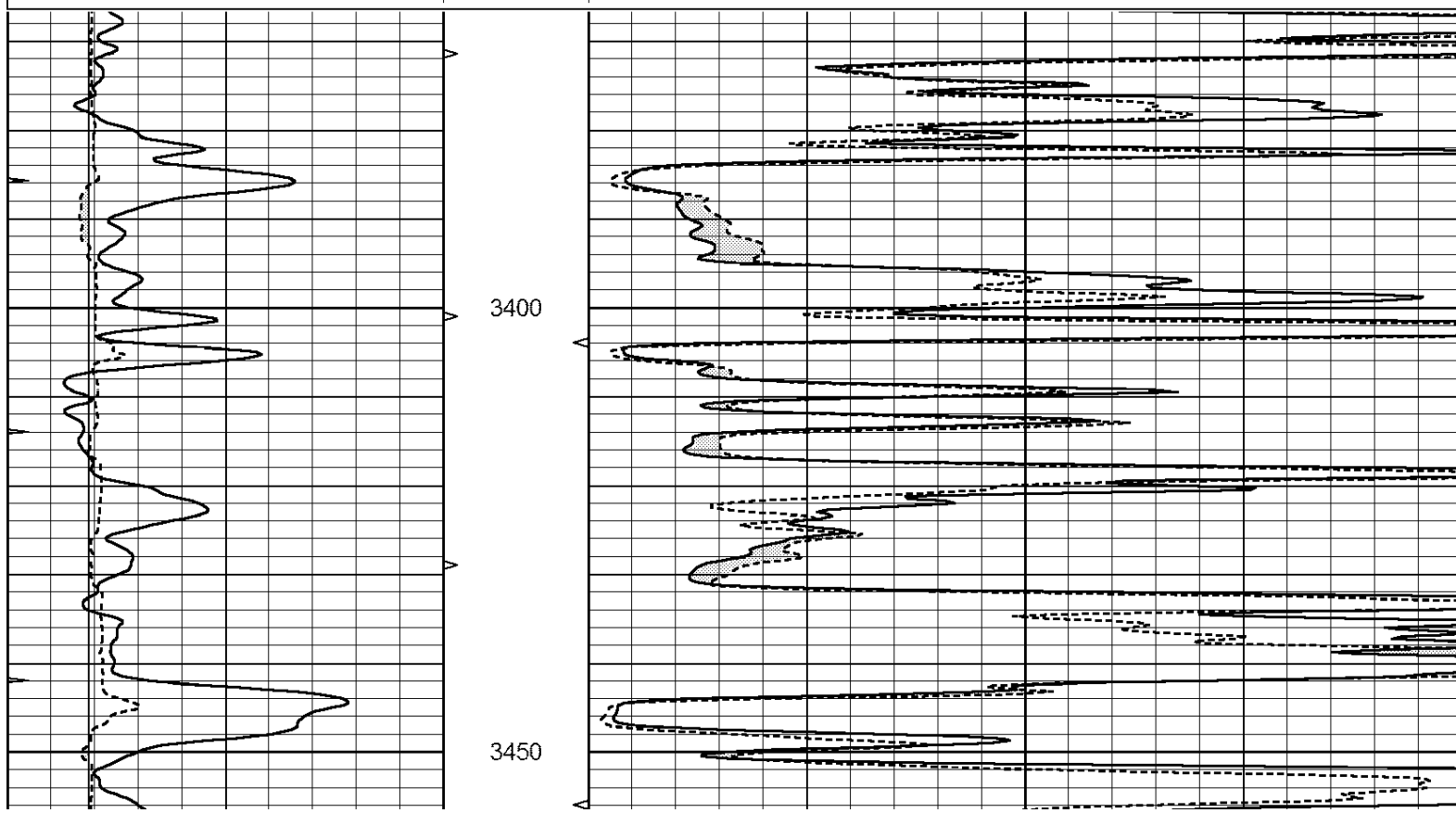


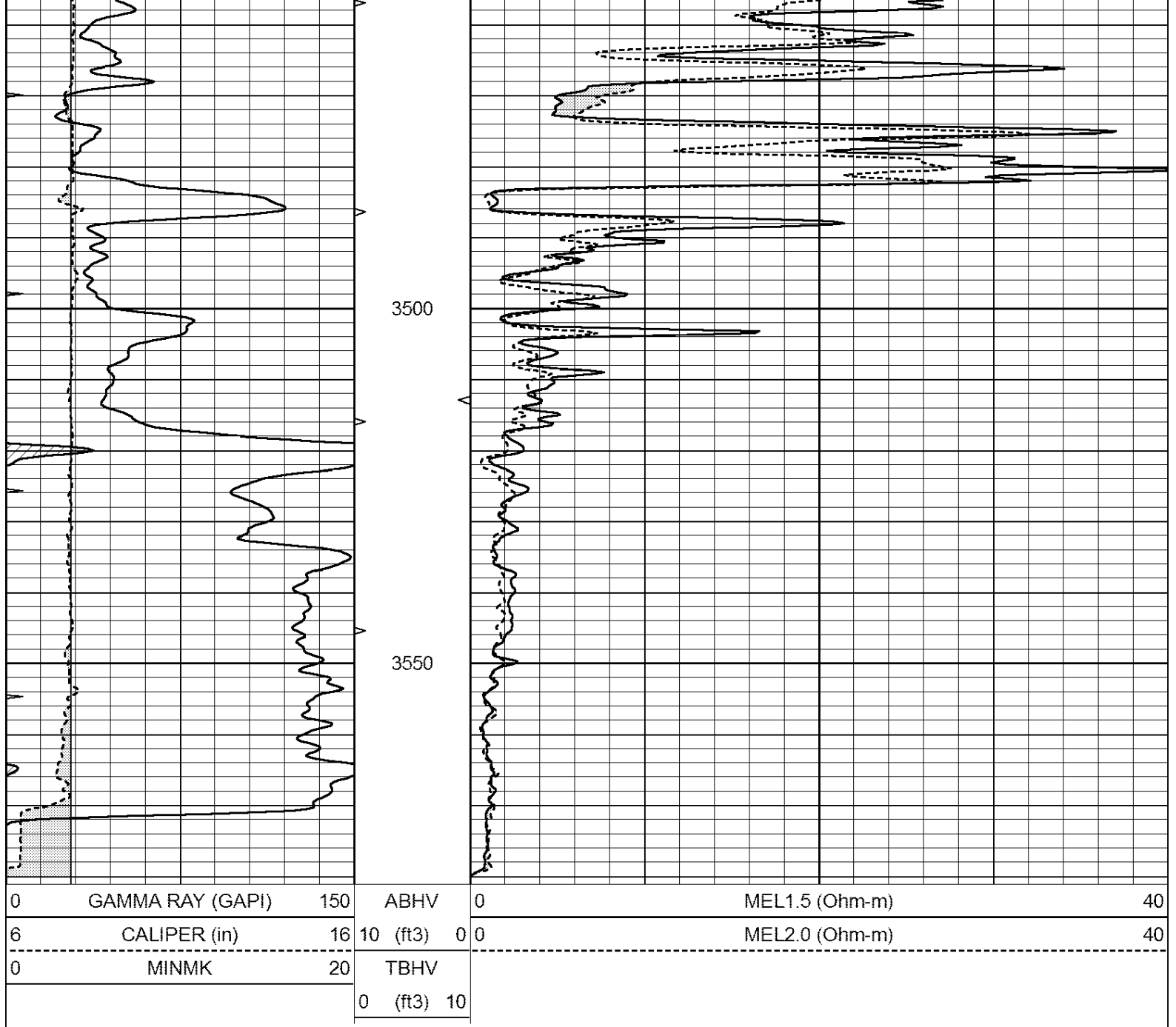
NABORS
COMPLETION
& PRODUCTION
SERVICES CO.

REPEAT SECTION

Database File: ldmccraryddn.db
 Dataset Pathname: pass5.1
 Presentation Format: _micro
 Dataset Creation: Mon Jan 05 23:24:01 2015 by Calc Open-Cased 090629
 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	MEL2.0 (Ohm-m)	40
0	MINMK	20	TBHV			
			0 (ft3)	10		





Calibration Report			
Database File:	Idmccraryddn.db		
Dataset Pathname:	pass5.1		
Dataset Creation:	Mon Jan 05 23:24:01 2015 by Calc Open-Cased 090629		
MICRO Calibration Report			
Serial Number:	MICRO3		
Tool Model:	PROBE		
Performed:	Thu Nov 17 03:06:31 2011		
Caliper Calibration:	Gain=3.916	Offset=-9.571	
References	Low Cal	High Cal	
Readings	8.000	14.000	
	4.257	5.789	
1.5" Calibration:	Gain=100.000	Offset=0.000	
References	Low Cal	High Cal	
Readings	0.000	20.000	
	0.000	0.000	

Readings

0.004

0.220

2" Calibration:

Gain=150.553

Offset=-1.220

References

Low Cal

High Cal

Readings

0.000

20.000

0.005

0.175

Gamma Ray Calibration Report

Serial Number:

GR6

Tool Model:

OPEN

Performed:

Wed Dec 10 11:09:24 2014

Calibrator Value:

150.0

GAPI

Background Reading:

0.0

cps

Calibrator Reading:

276.0

cps

Sensitivity:

0.8000

GAPI/cps