



MICRO LOG

Company SANDLIN OIL CORPORATION
Well PAUL McRAE #1
Field BEMIS SHUTTS
County ELLIS State KANSAS

Location: API #: 15-051-26862-0000

1555' FNL & 2300' FWL

Other Services
CDL/CNL
DIL

SEC 27 TWP 12S RGE 18W

Elevation

Permanent Datum GROUND LEVEL Elevation 2160
Log Measured From KELLY BUSHING 6" A.G.L.
Drilling Measured From KELLY BUSHING

K.B. 2166
D.F. 2164
G.L. 2160

Date 2/14/17

Run Number TWO

Depth Driller 3750

Depth Logger 3752

Bottom Logged Interval 3750

Top Log Interval 3000

Casing Driller 8 5/8" @ 213

Casing Logger 213

Bit Size 7 7/8

Type Fluid in Hole CHEMICAL MUD CHLORIDES 5500 PPM

Density / Viscosity 8.9/56

pH / Fluid Loss 11.0/7.6

Source of Sample FLOWLINE

Rm @ Meas. Temp 1.0 @ 65F

Rmf @ Meas. Temp .75 @ 65F

Rmc @ Meas. Temp 1.2 @ 65F

Source of Rmf / Rmc MEASUREMENT

Rm @ BHT .57 @ 65F

Time Circulation Stopped 2 HOURS

Time Logger on Bottom

Maximum Recorded Temperature 113F

Equipment Number 3802

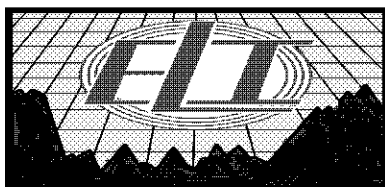
Location HAYS, KANSAS

Recorded By JASON CAPPELLUCCI

Witnessed By HERB DEINES

Comments

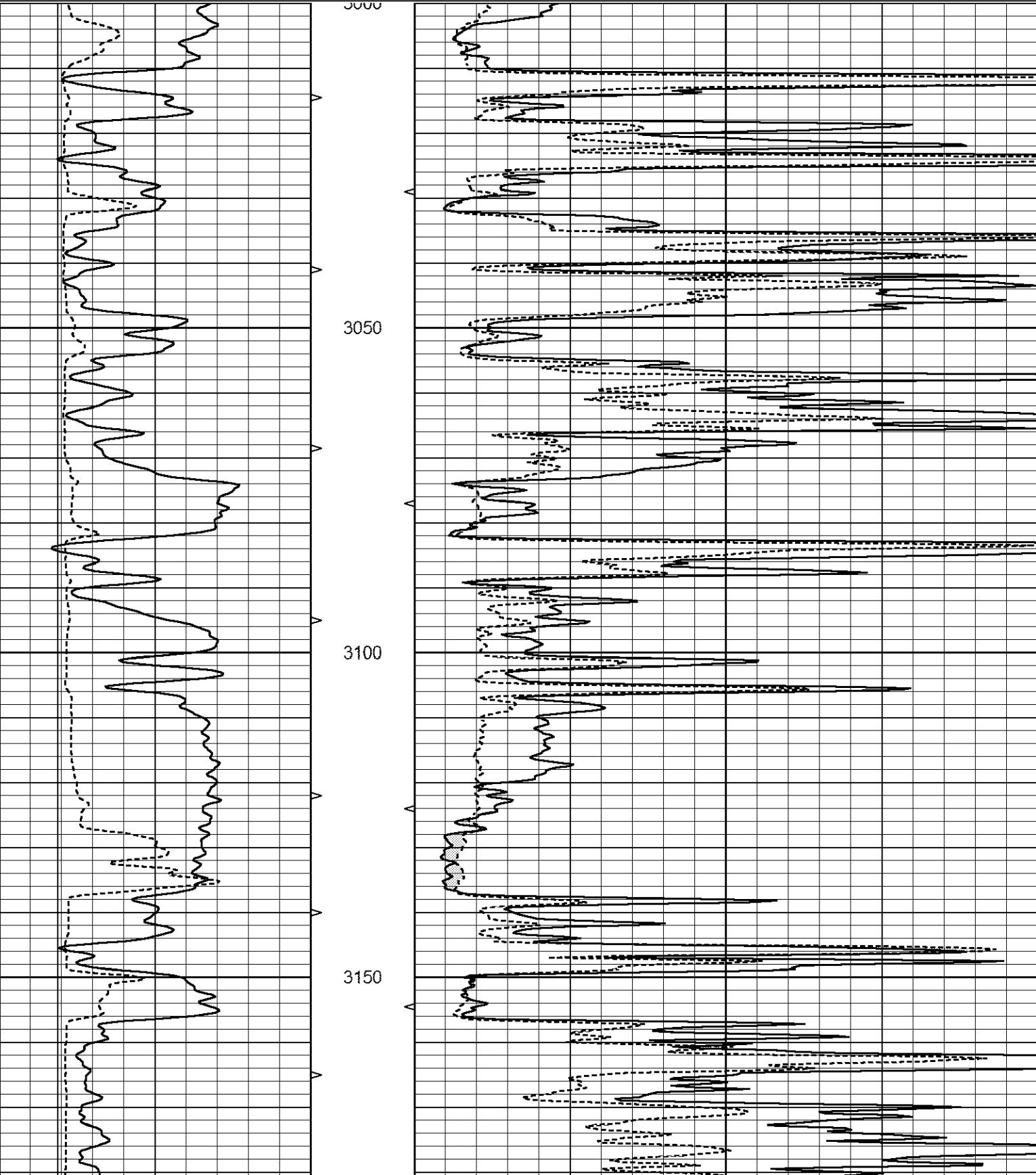
THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395
DIRECTIONS
HAYS, KS. - NORTH TO LOCUST GROVE RD. - 1/2 EAST - SOUTH INTO

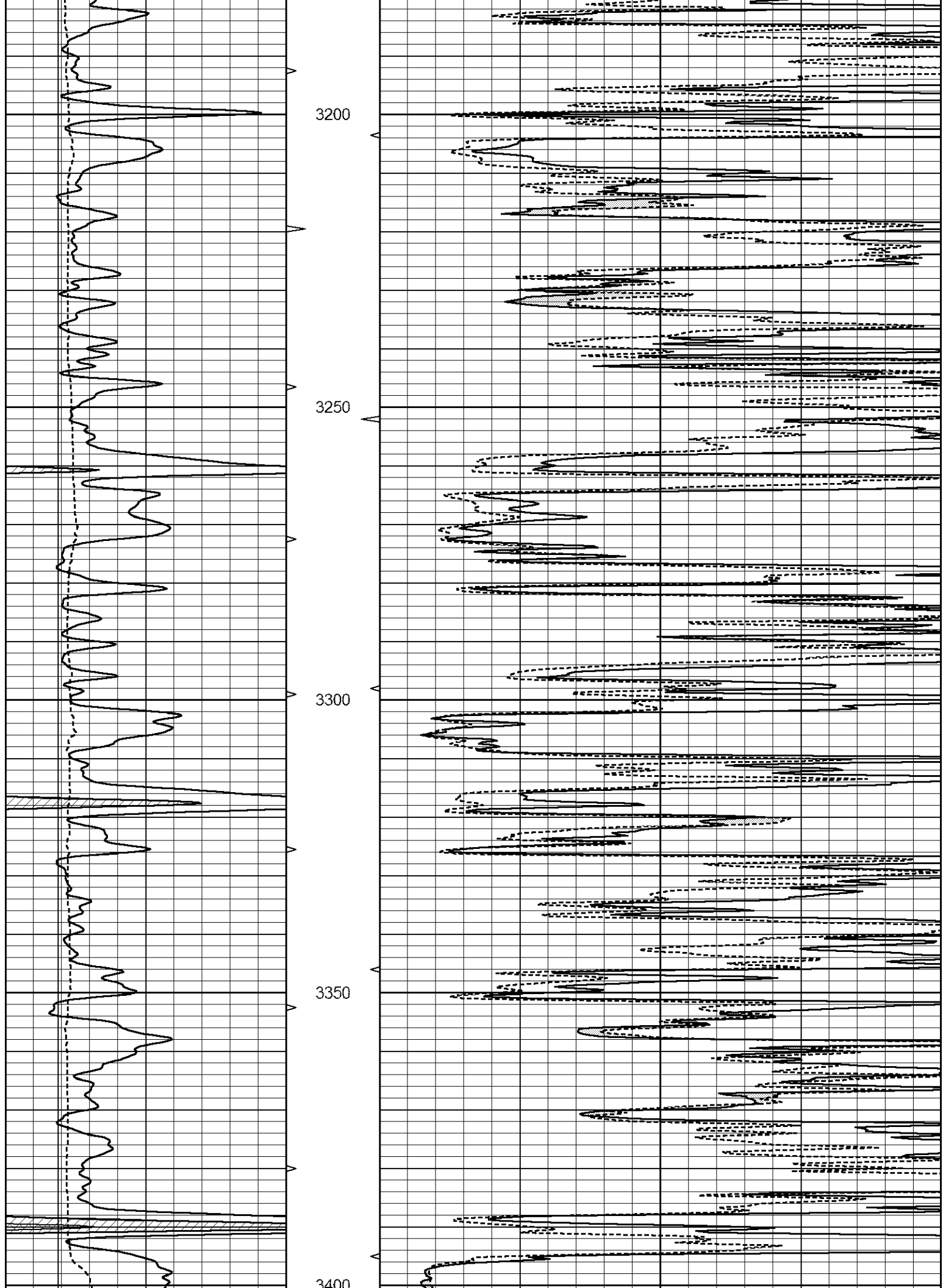


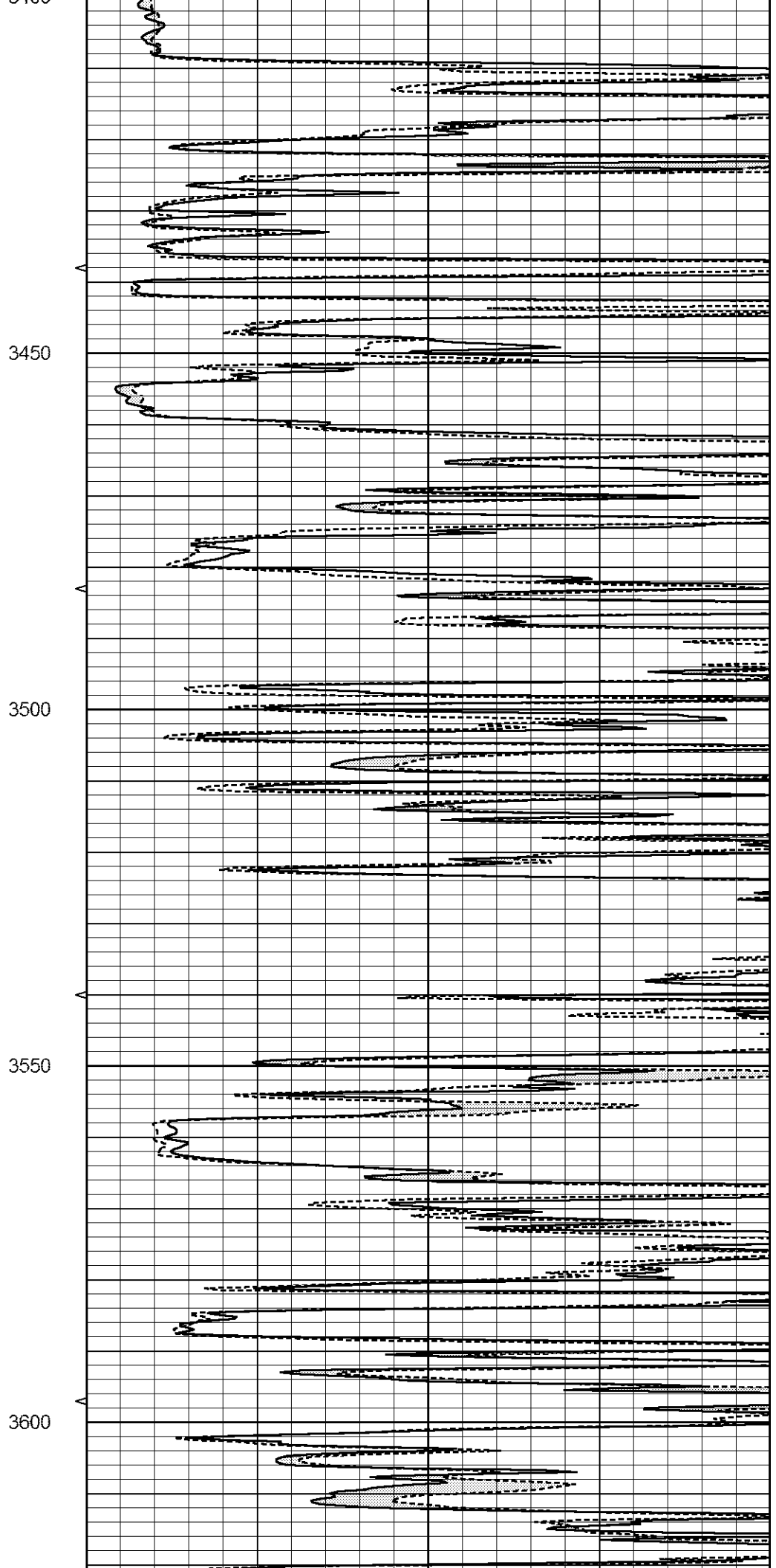
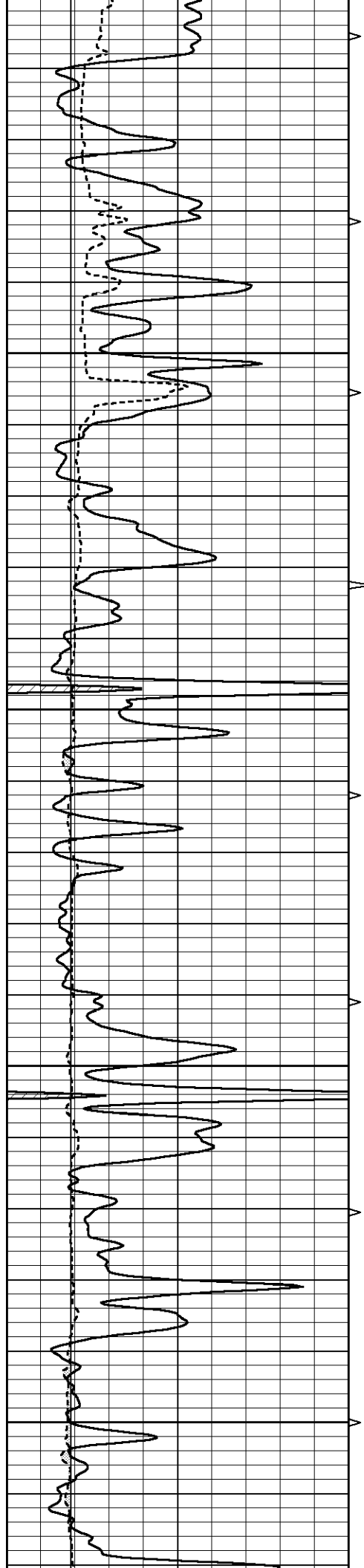
MAIN PASS

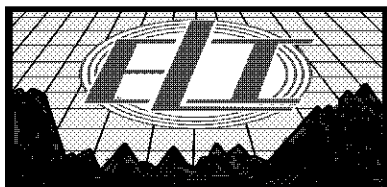
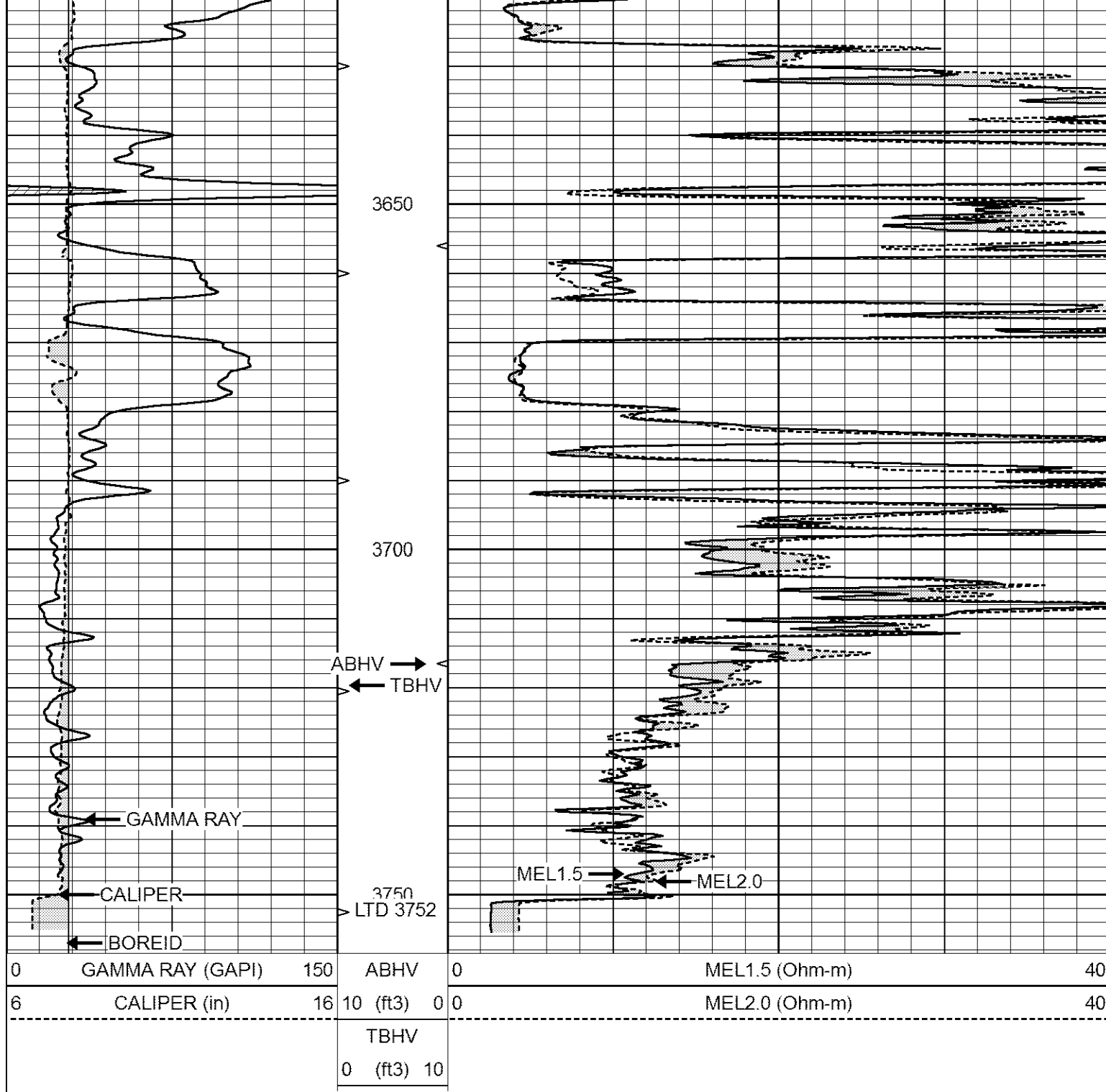
Database File 1119ddn8.db
Dataset Pathname pass7
Presentation Format _micro
Dataset Creation Tue Feb 14 08:43:08 2017
Charted by Depth in Feet scaled 1:240

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





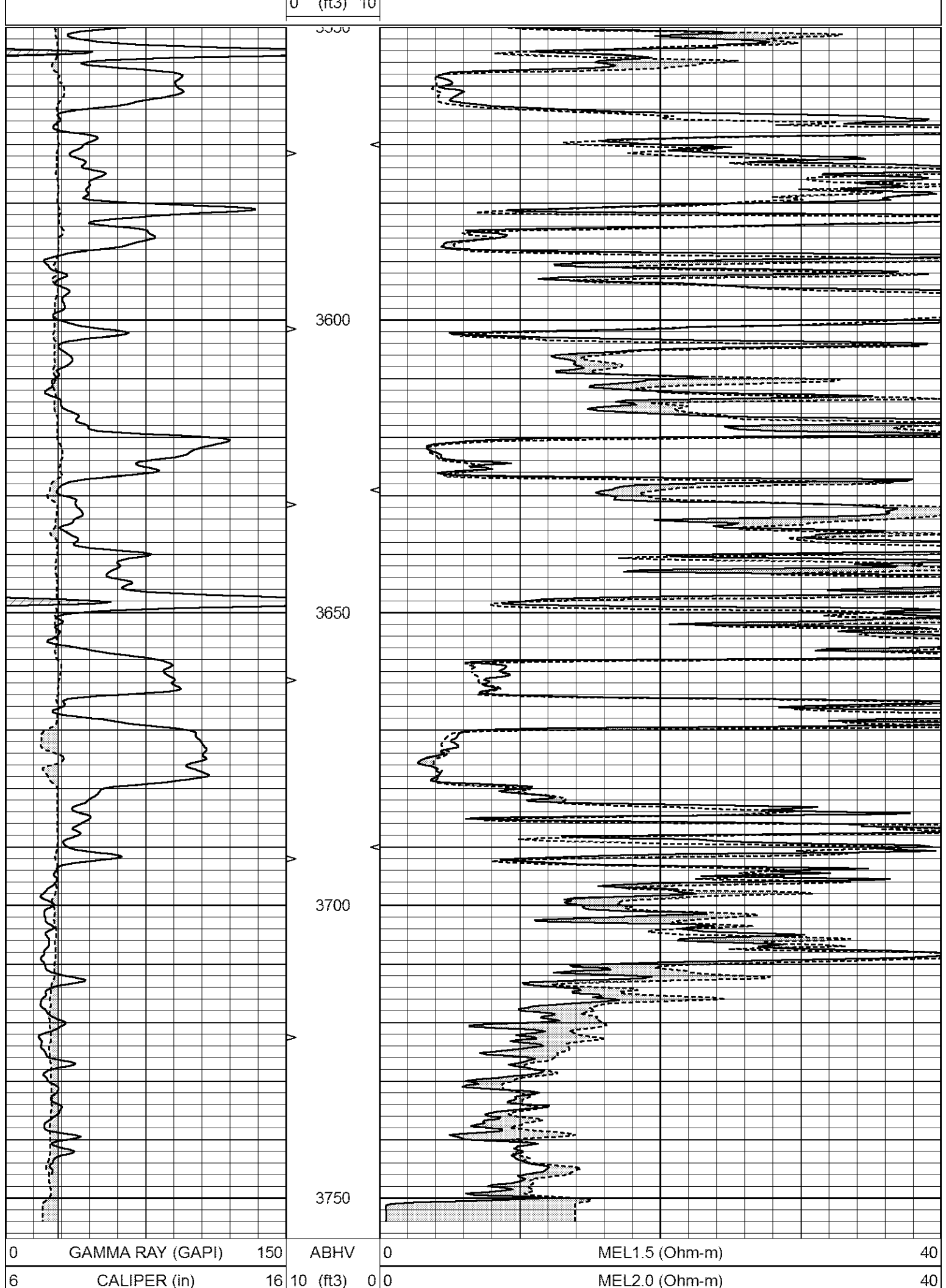




REPEAT SECTION

Database File 1119ddn8.db
 Dataset Pathname pass5
 Presentation Format _micro
 Dataset Creation Tue Feb 14 08:23:08 2017
 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	0	MEL2.0 (Ohm-m)	40
			TBHV			
			0 (ft3) 10			



TBHV
0 (ft3) 10

Calibration Report

Database File 1119ddn8.db
Dataset Pathname pass5
Dataset Creation Tue Feb 14 08:23:08 2017

MICRO_USR Calibration Report

Serial Number:	070911
Tool Model:	ProbeL
Performed:	Thu Dec 08 13:09:11 2016

Caliper Calibration:	Gain=4.161	Offset=1.500
References	Low Cal 8.000	High Cal 14.000
Readings	1.333	2.775

1.5" Calibration:	Gain=37.000	Offset=0.000
References	Low Cal 0.000	High Cal 20.000
Readings	0.004	0.843

2" Calibration:	Gain=35.000	Offset=0.650
References	Low Cal 0.000	High Cal 20.000
Readings	0.021	0.810

Microlog Calibration Report

Serial-Model:	070911-ProbeL
Performed:	Sat Apr 11 01:13:01 2015

	Readings			References			Results	
	Zero	Cal		Zero	Cal		m	b
Normal	0.0002	0.4836	V	0.0000	10.0000	Ohm-m	20.6908	-0.0051
Inverse	0.0018	0.6297	V	0.0000	10.0000	Ohm-m	15.9263	-0.0282
Caliper	0.0000	1.0000	V	0.0000	1.0000	in	1.0000	0.0000

Gamma Ray Calibration Report

Serial Number:	7
Tool Model:	Probe1
Performed:	Wed Jun 29 11:10:58 2016

Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.4300	GAPI/cps