



COMPENSATED DENSITY/NEUTRON LOG

Company	DIXON OPERATING CO., LLC.		
Well	SIEFKES #1 SWD OWWO		
Field	MIKES METEOR		
County	STAFFORD	State	KANSAS
Location:	API # : 15-185-23590-00-01		Other Services
	2140 FNL & 2140 FWL		DIL MEL
	SEC 34 TWP 22S RGE 12W		
Permanent Datum	GROUND LEVEL	Elevation	1833'
Log Measured From	KELLY BUSHING 9' A.G.L.		
Drilling Measured From	KELLY BUSHING		
		Elevation	K.B. 1842 D.F. 1840 G.L. 1833
Date	07/28/17		
Run Number	ONE		
Depth Driller	4150		
Depth Logger	4154		
Bottom Logged Interval	4130		
Top Log Interval	3150		
Casing Driller	8 5/8 @ 265		
Casing Logger	265		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 38000 PPM	
Density / Viscosity	9.1/50		
pH / Fluid Loss	7.0/NC		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.80 @ 86		
Rmt @ Meas. Temp	.60 @ 86		
Rmc @ Meas. Temp	.96 @ 86		
Source of Rmt / Rmc	MEASURED		
Rm @ BHT	.58 @ 117		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	///		
Maximum Recorded Temperature	117F		
Equipment Number	4010		
Location	HAYS, KANSAS		
Recorded By	GUS PFANENSTIEL		
Witnessed By	BRUCE A. REED		

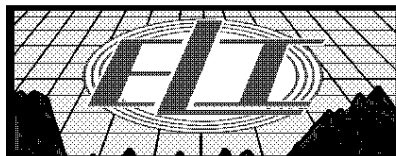
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on 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 ELI WIRELINE, HAYS, KS. (785) 628-6395

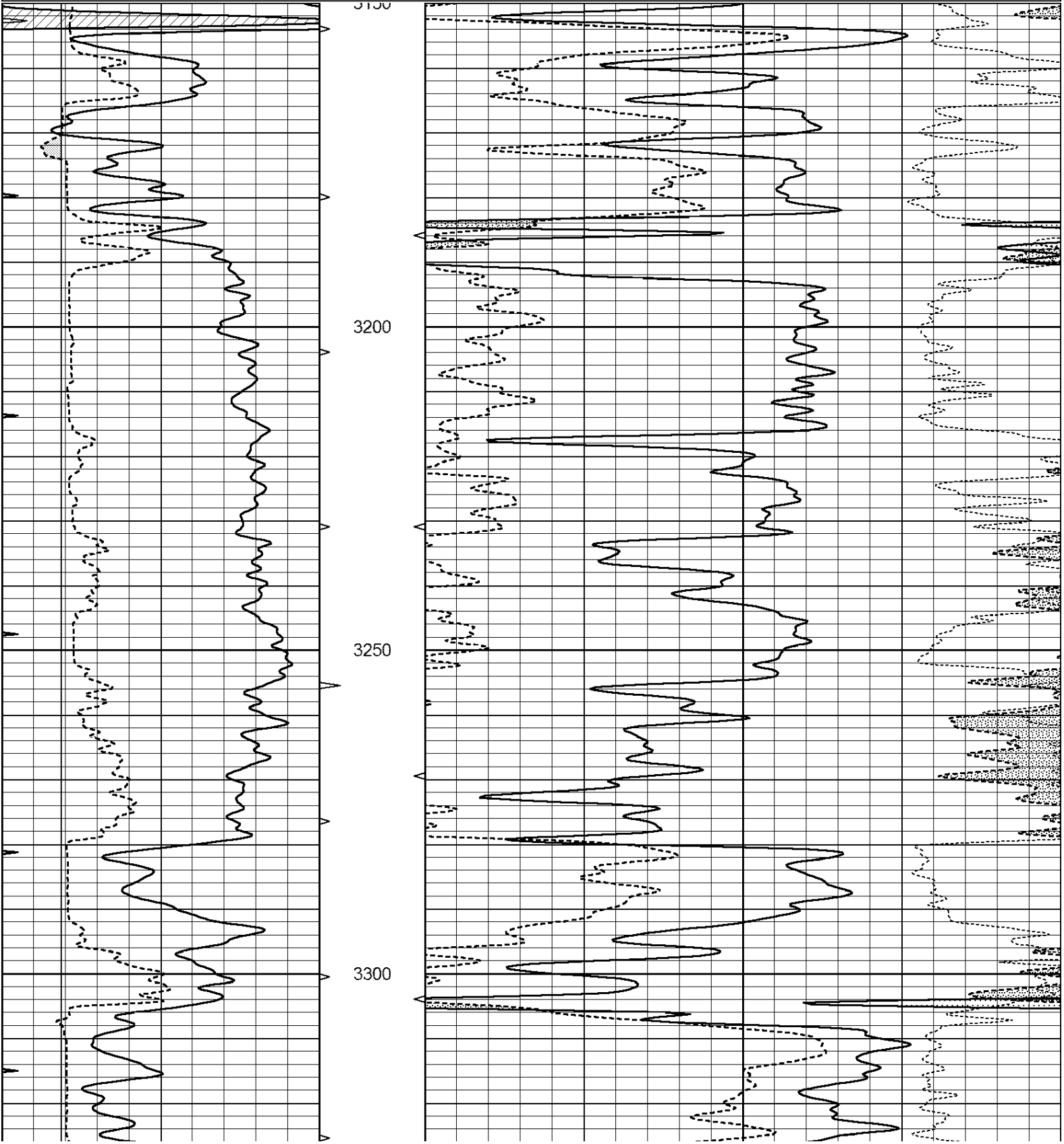
DIRECTIONS
HUDSON EAST TO 60 TH RD.
SOUTH TO 1 ST TANK BATTERY,
EAST INTO.

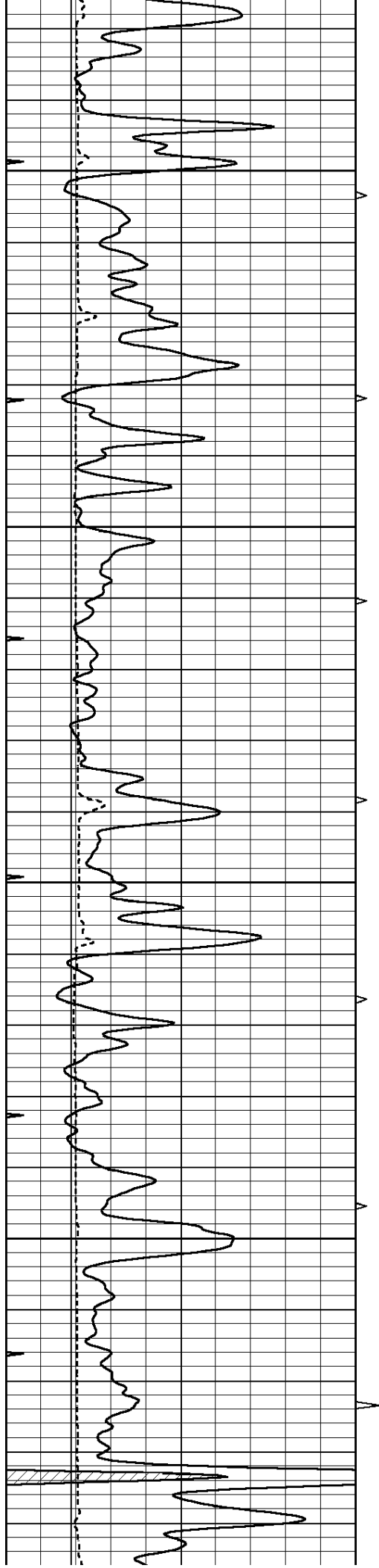


MAIN PASS

Database File: 1808ddn.db
Dataset Pathname: pass3.1
Presentation Format: den_neu
Dataset Creation: Fri Jul 28 17:52:41 2017
Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)	-10
6	CALIPER (in)	16	10 (ft3)	0 30	COMPENSATED NEUTRON (pu)	-10
0	MINMK	20	TBHV		-0.25	CORRECTION (g/cc) 0.25
			0 (ft3)	10		



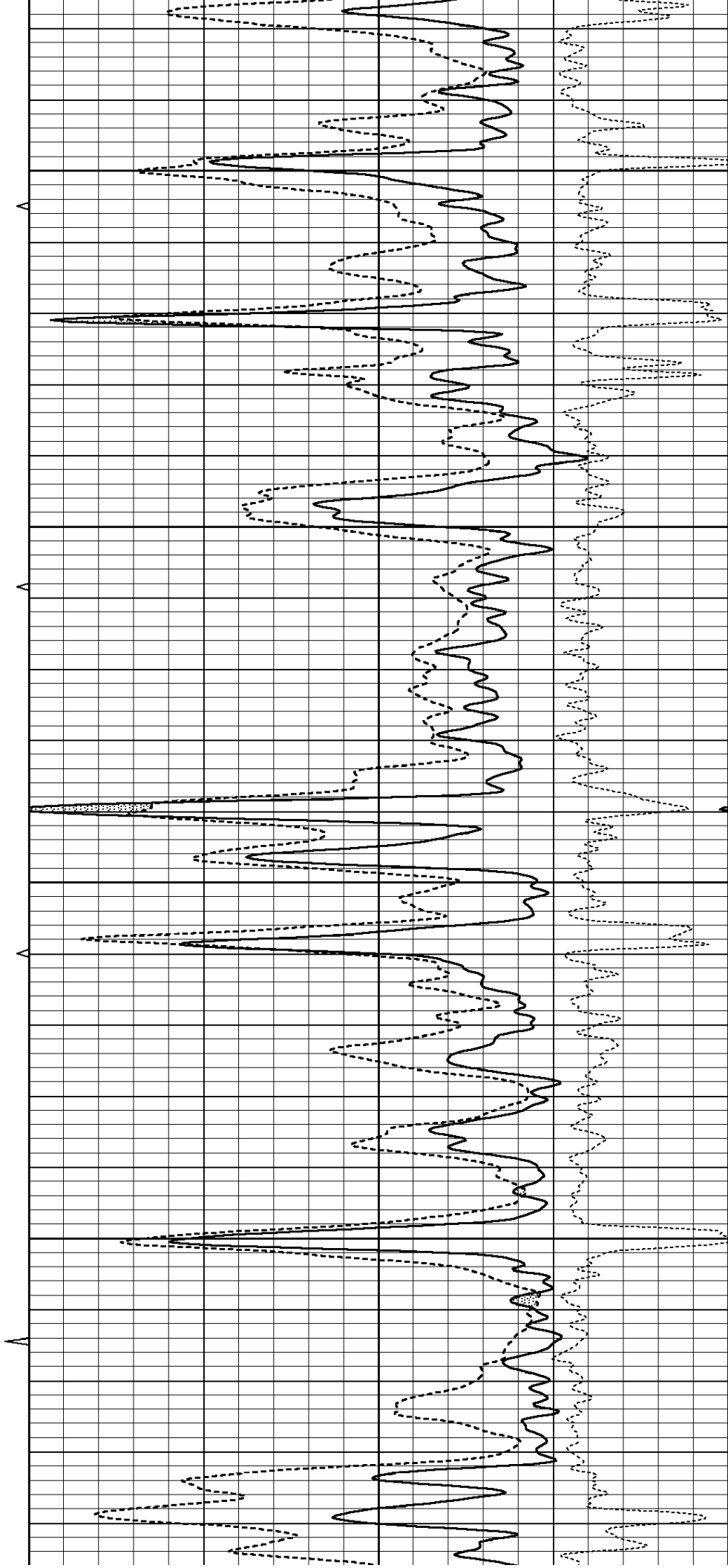


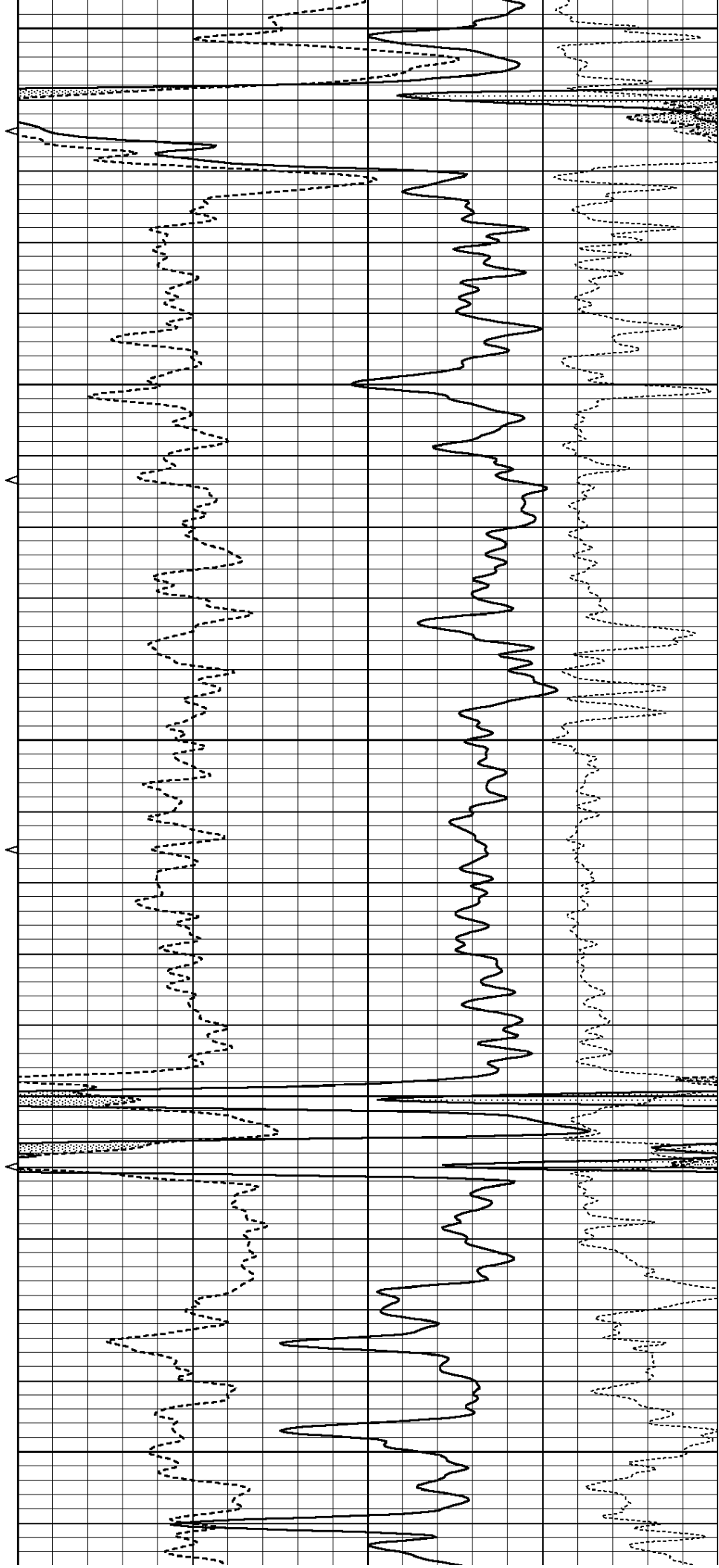
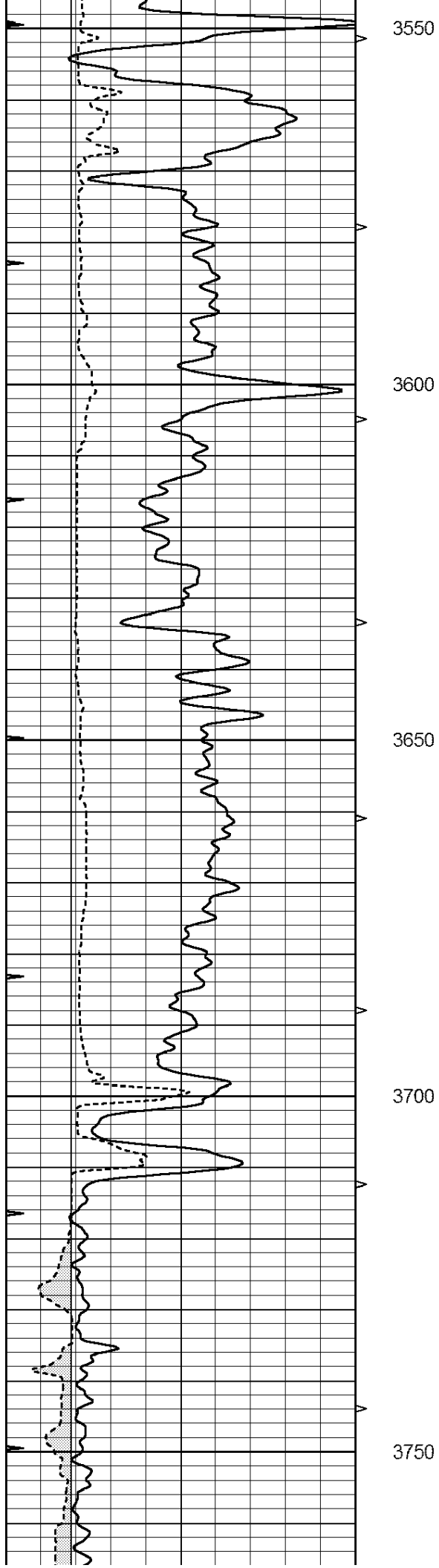
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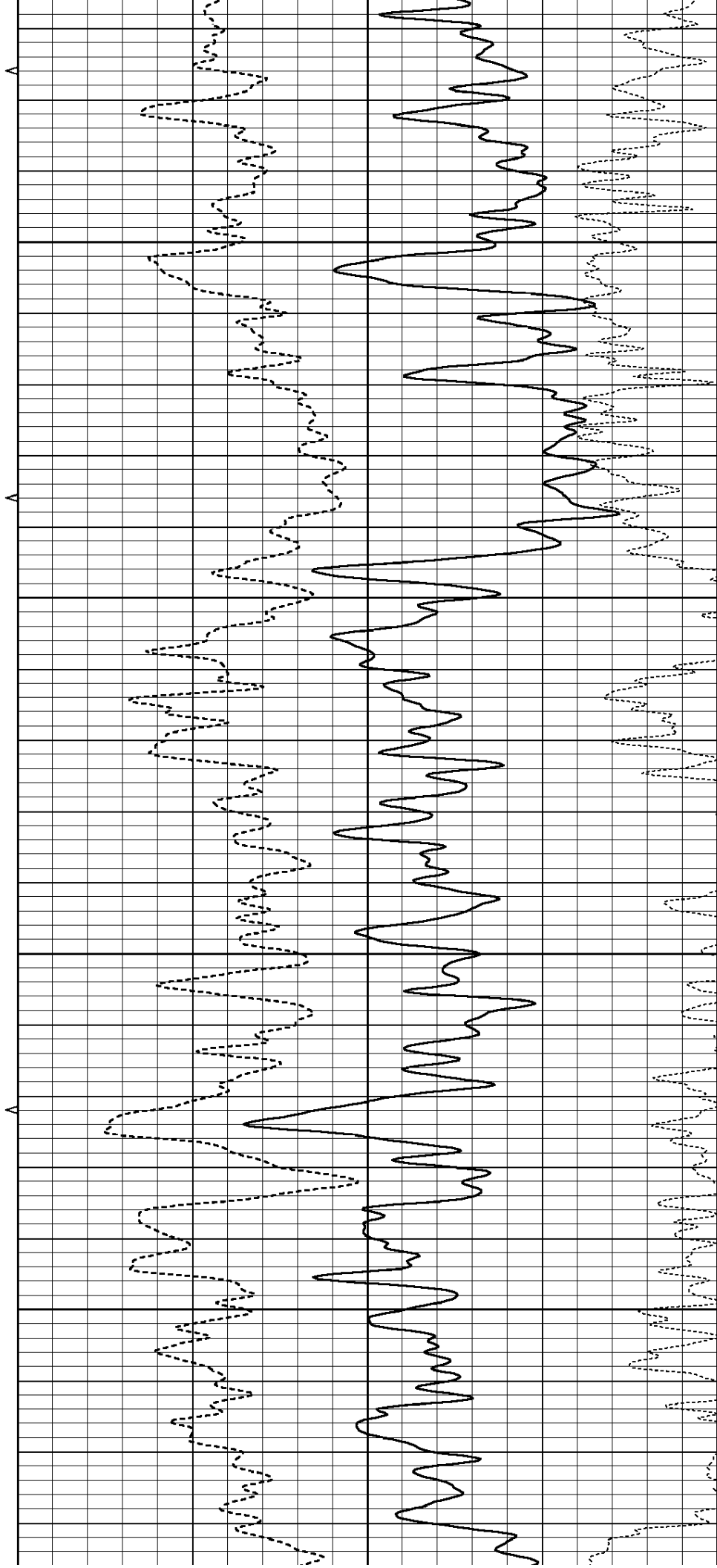
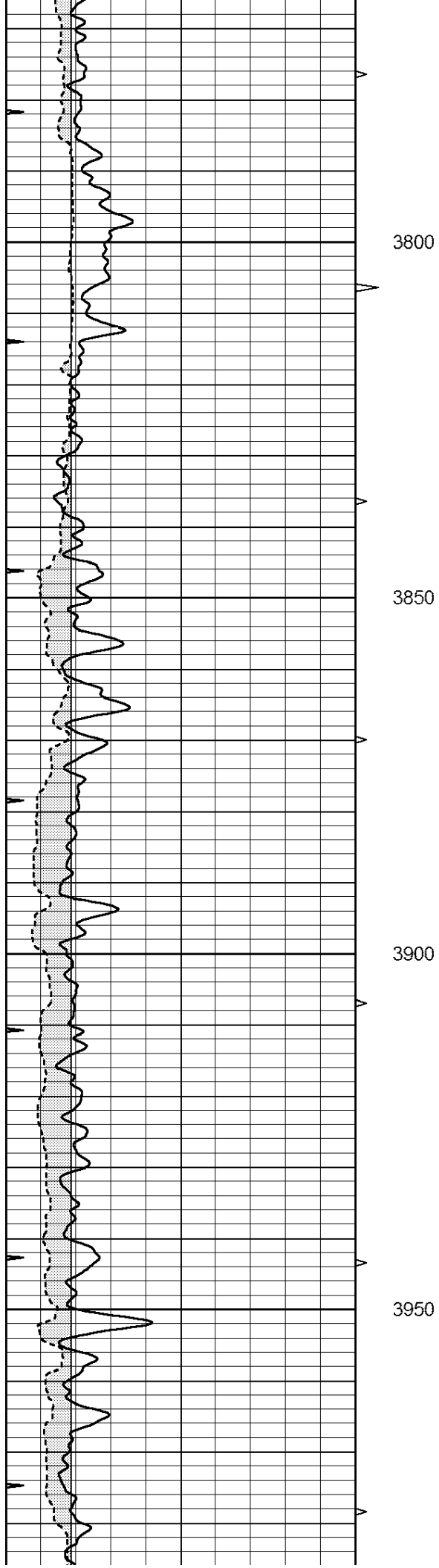
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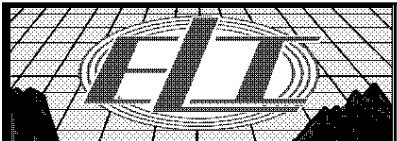
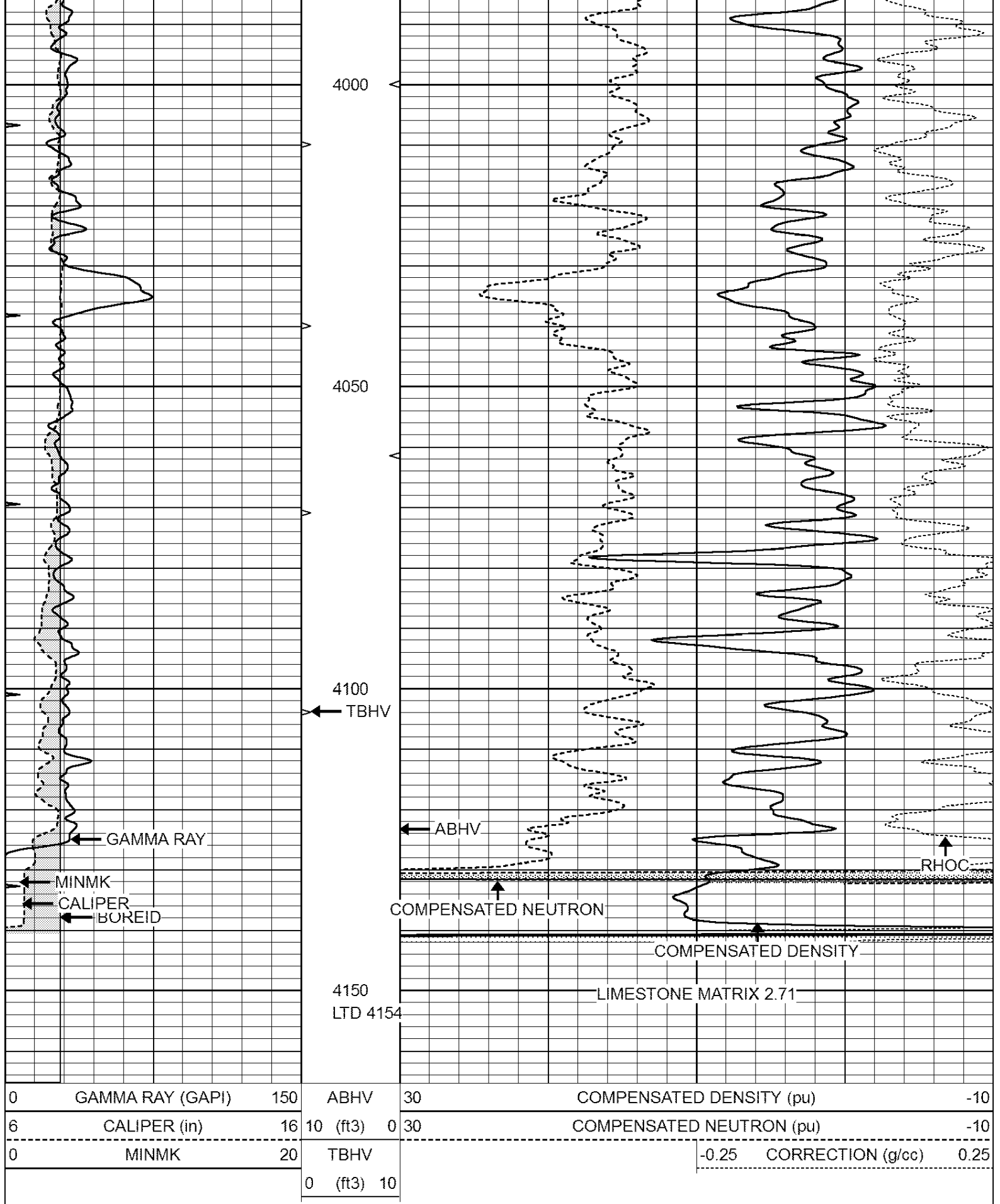
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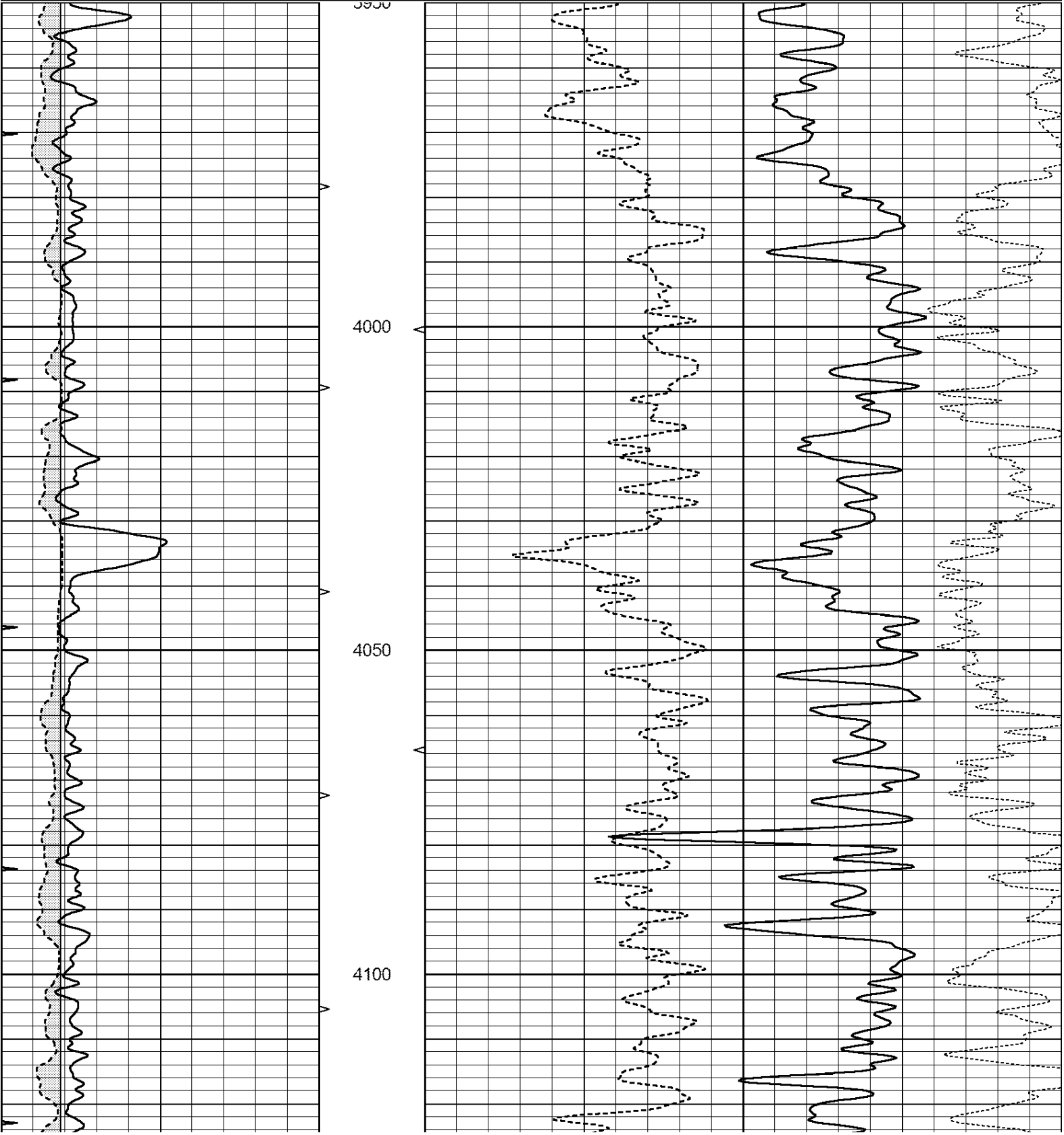


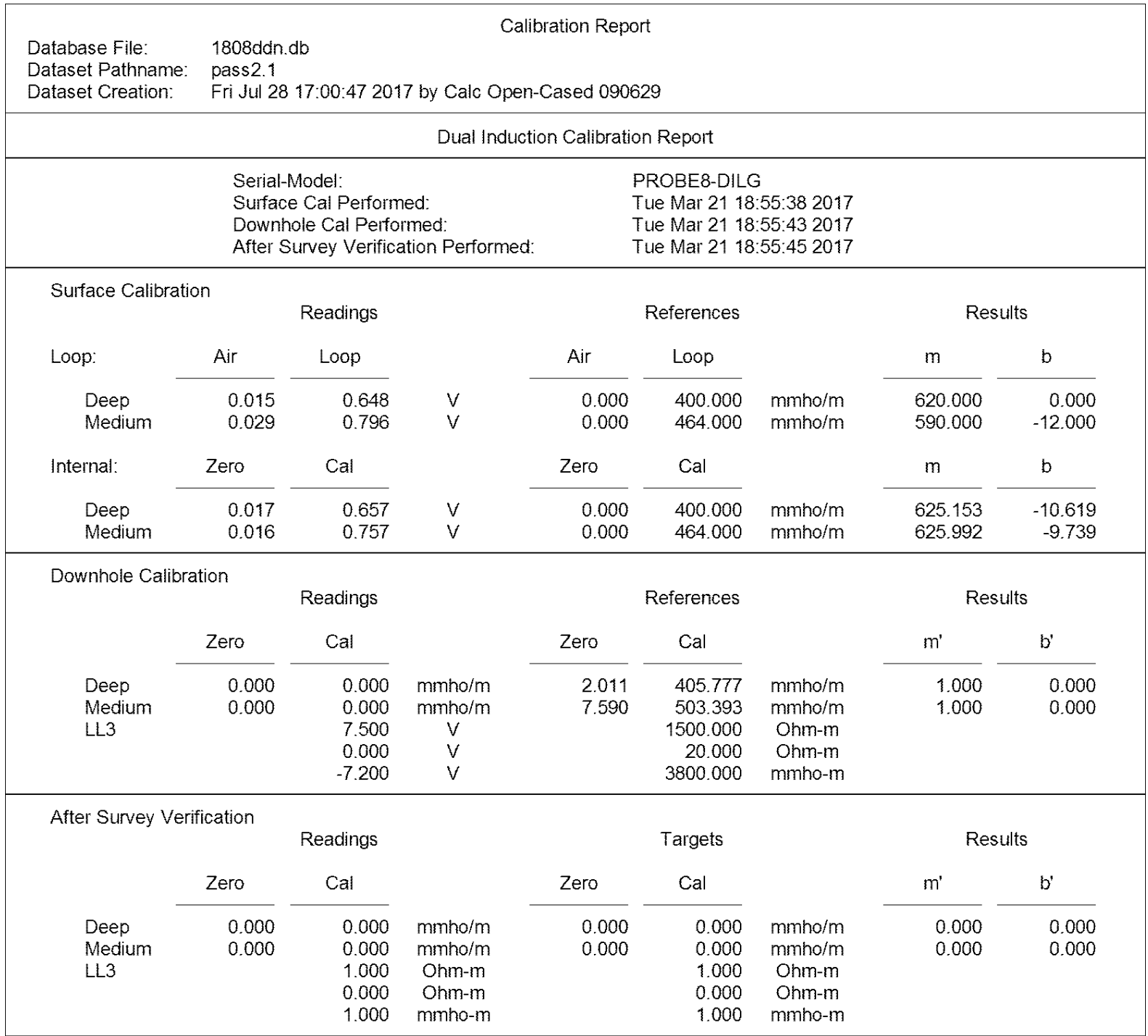


REPEAT SECTION

Database File: 1808ddn.db
Dataset Pathname: pass2.1
Presentation Format: den_neu
Dataset Creation: Fri Jul 28 17:00:47 2017 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)	-10
6	CALIPER (in)	16	10 (ft3) 0	30	COMPENSATED NEUTRON (pu)	-10
0	MINMK	20	TBHV		-0.25 CORRECTION (g/cc) 0.25	
			0 (ft3) 10			





Compensated Density Calibration Report
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Serial-Model:
Source / Verifier:
Master Calibration Performed:
Before Survey Verification Performed:
After Survey Verification Performed:

GEAR5-GEARHART
/
Tue Mar 21 18:56:14 2017

Master Calibration

	Density		Far Detector		Near Detector	
Magnesium	1.710	g/cc	798.83		465.02	cps
Aluminum	2.570	g/cc	178.16		318.19	cps
Spine Angle = 75.81			Density/Spine Ratio = 0.556			
	Size		Reading			
Small Ring	7.15	in	1.47	V		
Large Ring	14.00	in	3.01	V		

Before Survey Verification

Target	Measured
g/cc	g/cc
g/cc	g/cc
g/cc	g/cc

After Survey Verification

Target	Measured
g/cc	g/cc
g/cc	g/cc
g/cc	g/cc

Compensated Neutron Calibration Report

Serial Number: 6I
Tool Model: G

CALIBRATION

Detector	Readings		Target		Normalization
Short Space	1.00	cps	1.00	cps	1.0000
Long Space	1.00	cps	1.00	cps	1.0000

PRE-SURVEY VERIFICATION

	Detector	Readings	Measured	Target
1)	Short Space	cps		
	Long Space	cps	pu	pu
2)	Short Space	cps		
	Long Space	cps	pu	
3)	Short Space	cps		
	Long Space	cps	pu	

POST-SURVEY VERIFICATION

	Detector	Readings	Measured	Target
1)	Short Space	cps		
	Long Space	cps	pu	pu
2)	Short Space	cps		
	Long Space	cps	pu	pu

	Long Space	cps	pu	pu
3)	Short Space	cps		
	Long Space	cps	pu	pu

Gamma Ray Calibration Report

Serial Number:	GR6	
Tool Model:	OPEN	
Performed:	Fri Jul 28 16:13:51 2017	
Calibrator Value:	150.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	276.0	cps
Sensitivity:	0.5800	GAPI/cps