



COMPENSATED DENSITY / NEUTRON LOG

Company	CASTLE RESOURCES, INC.		
Well	KRILEY #2		
Field	HARMONY HILL		
County	ROOKS	State	KANSAS
Company	CASTLE RESOURCES, INC.		
Well	KRILEY #2		
Field	HARMONY HILL		
County	ROOKS	State	KANSAS
Location:	API # : 15-163-24320-0000		Other Services
	2075' FSL & 2010' FWL		DIL/MEL
	SW - NE - NE - SW		
Permanent Datum	GROUND LEVEL	Elevation	1918
Log Measured From	KELLY BUSHING	5' A.G.L.	
Drilling Measured From	KELLY BUSHING		
	SEC 22 TWP 8S RGE 18W		
Date	9/2/16		
Run Number	ONE		
Depth Driller	3425		
Depth Logger	3426		
Bottom Logged Interval	3402		
Top Log Interval	2600		
Casing Driller	8 5/8"@210'		
Casing Logger	212		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 3,000 PPM	
Density / Viscosity	9.4/53		
pH / Fluid Loss	9.0/8.0		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	.850@90F		
Rmf @ Meas. Temp	.638@90F		
Rmc @ Meas. Temp	1.02@90F		
Source of Rmf / Rmc	MEASUREMENT		
Rim @ BHT	.689@111F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	1:15 P.M.		
Maximum Recorded Temperature	111F		
Equipment Number	922339		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	JERRY GREEN	KEN WALKER	

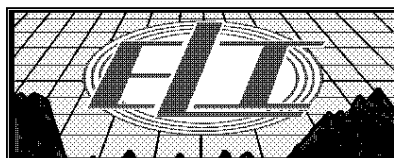
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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on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

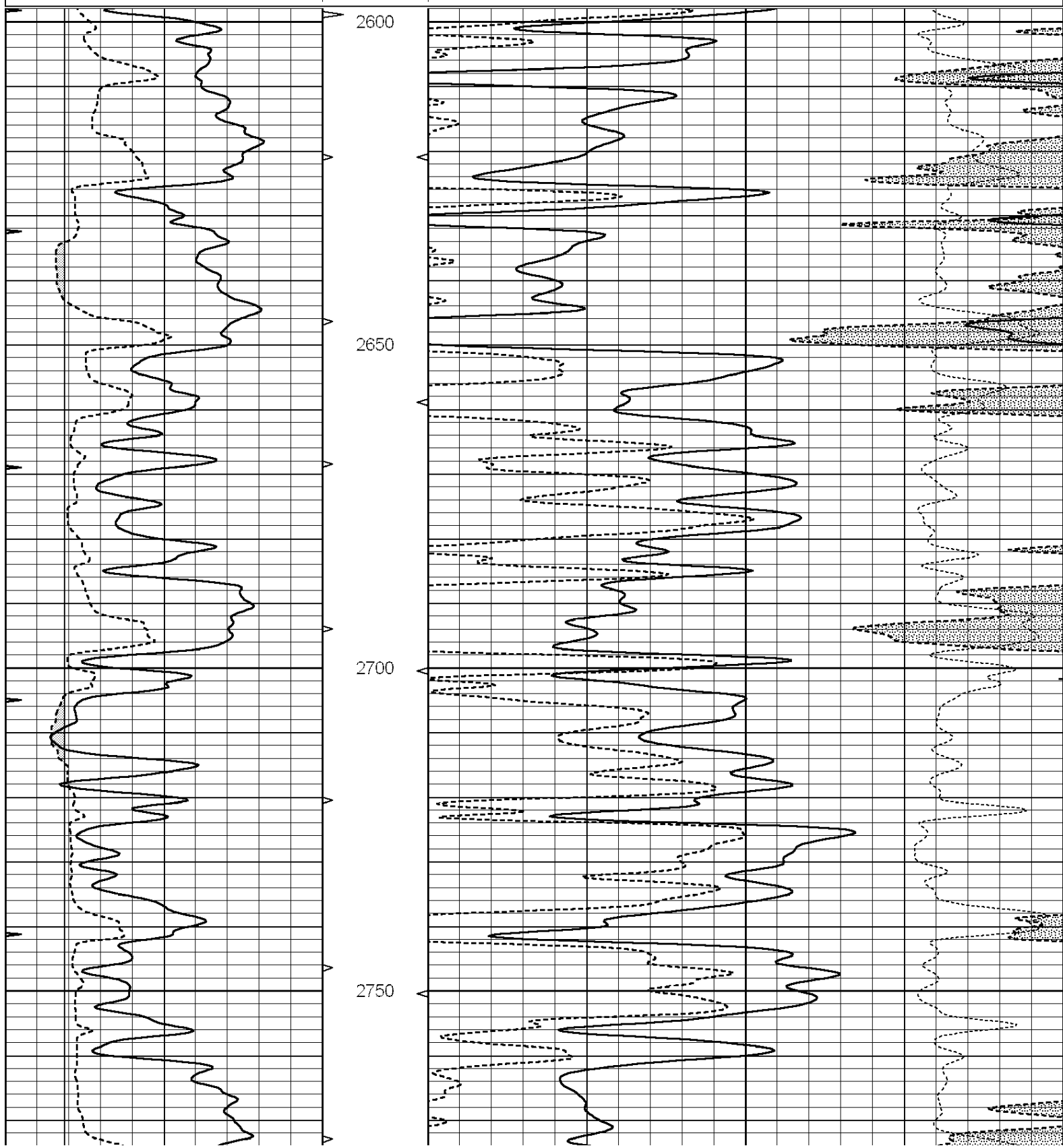
PLAINVILLE, KS., 7N. OF 4 WAY STOP ON HWY 183 TO "RD. Q", W. TO FIRST INTERSECTION, 1/2N.,
1/4W., S. INTO

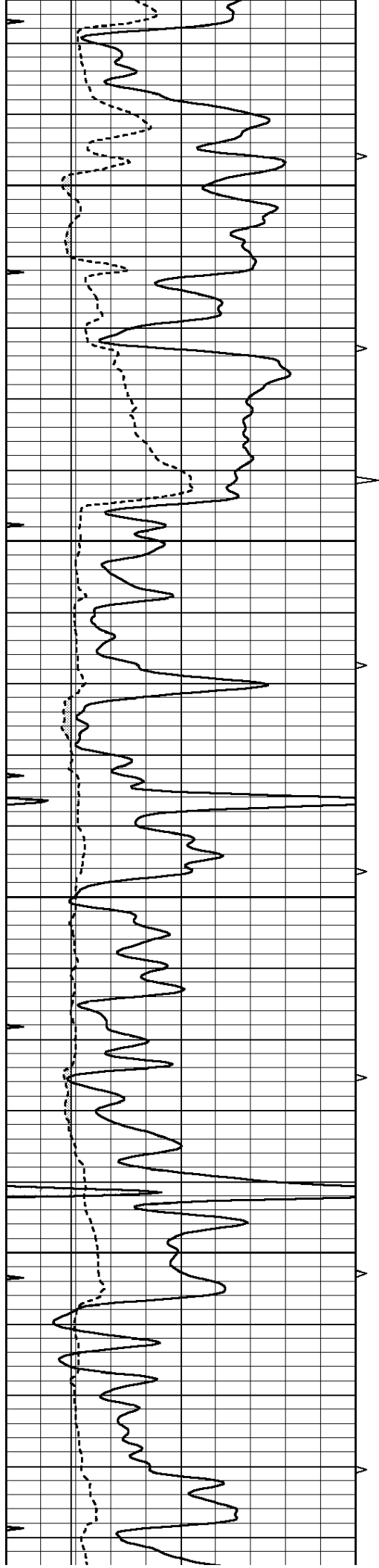


MAIN SECTION

Database File: 30768ddn.db
Dataset Pathname: pass3.10
Presentation Format: den_neu
Dataset Creation: Fri Sep 02 14:31:44 2016
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		



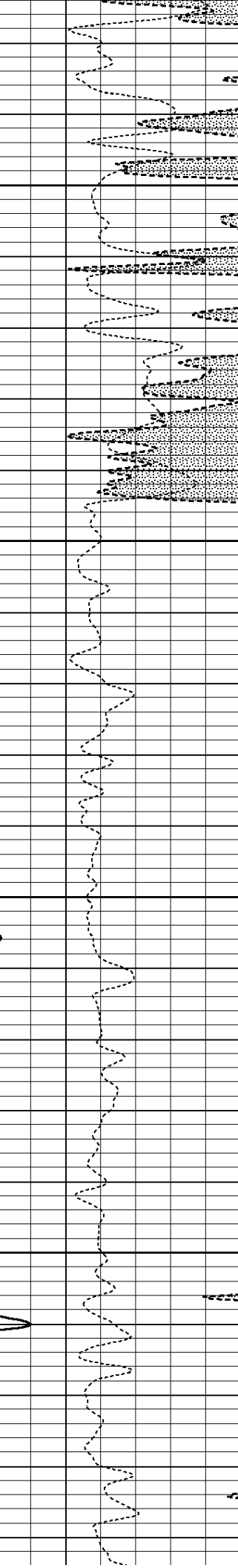
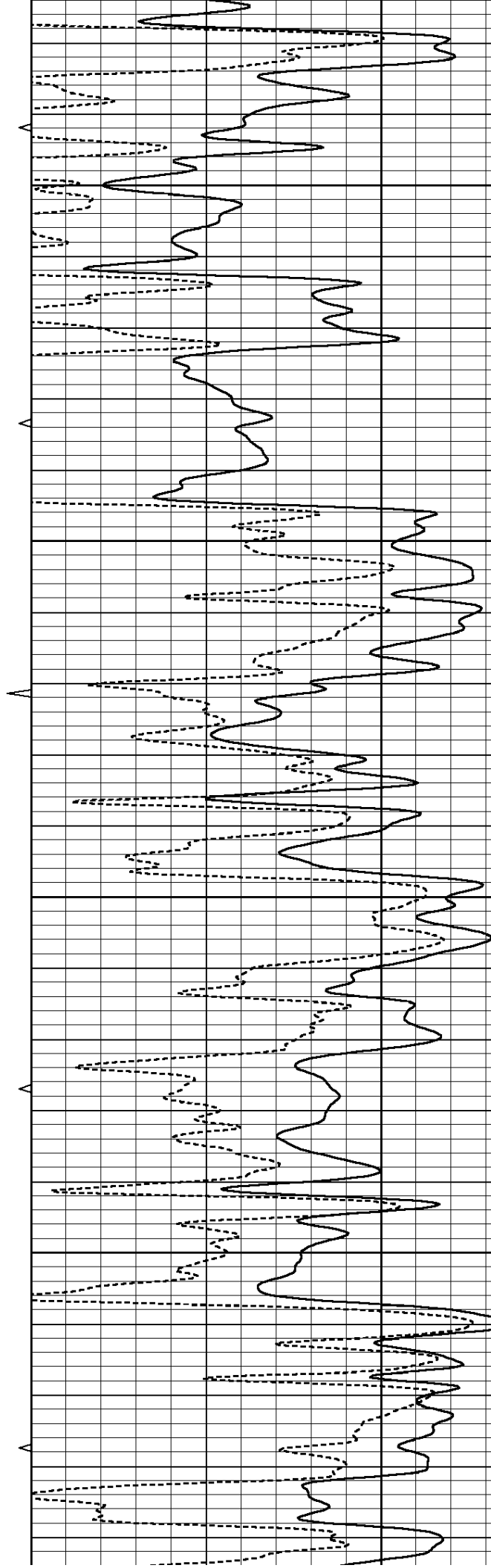


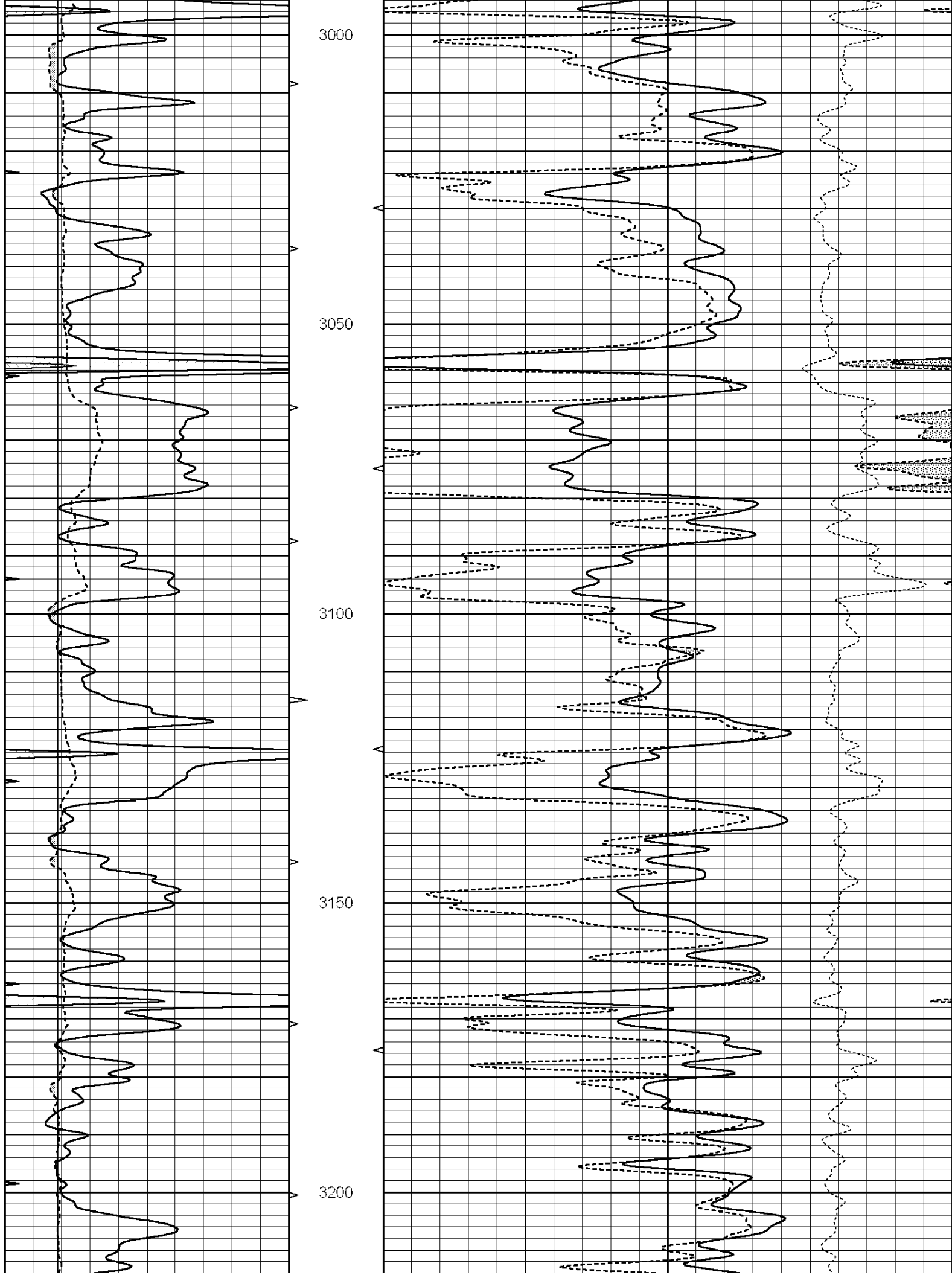
2800

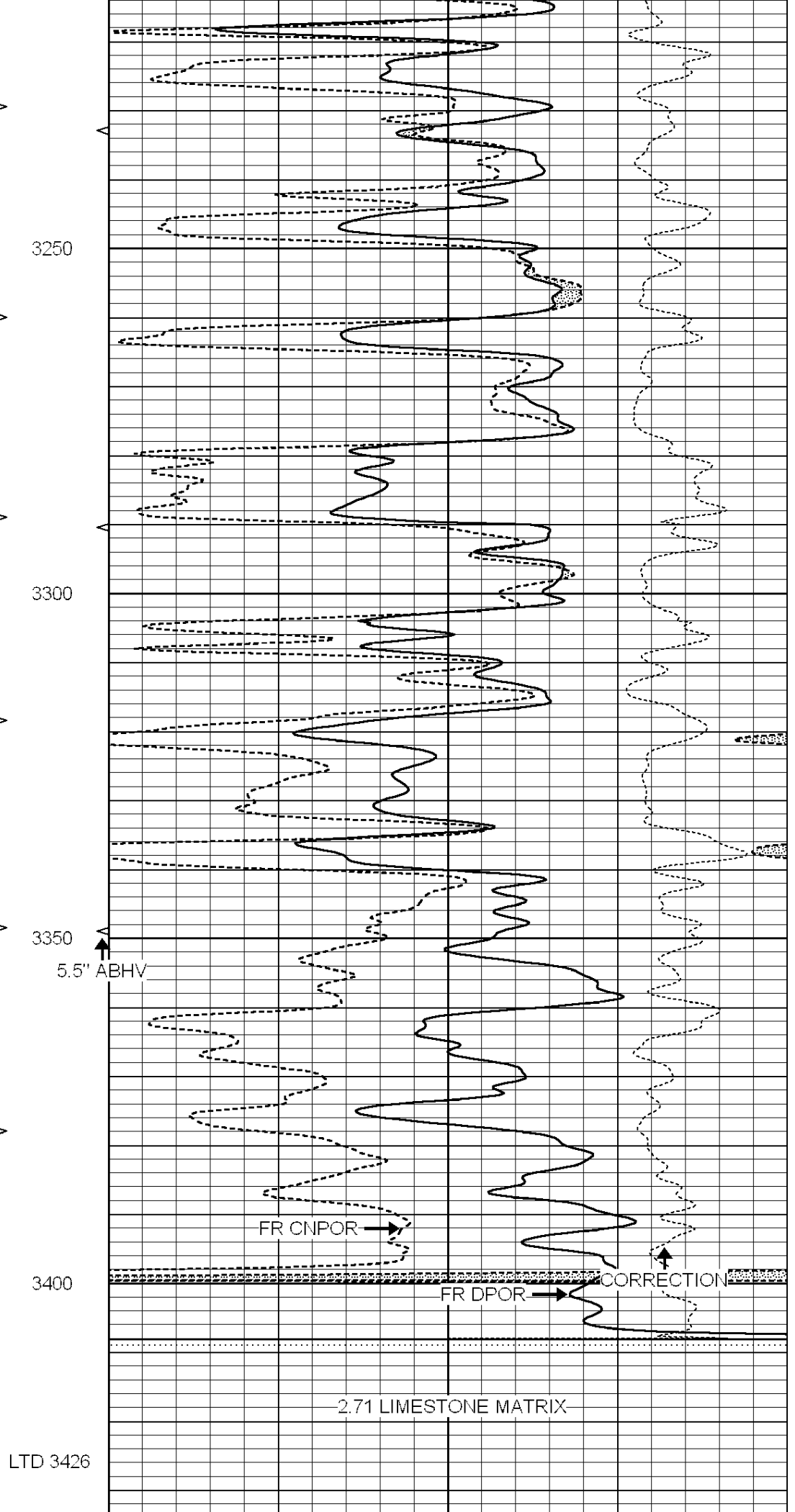
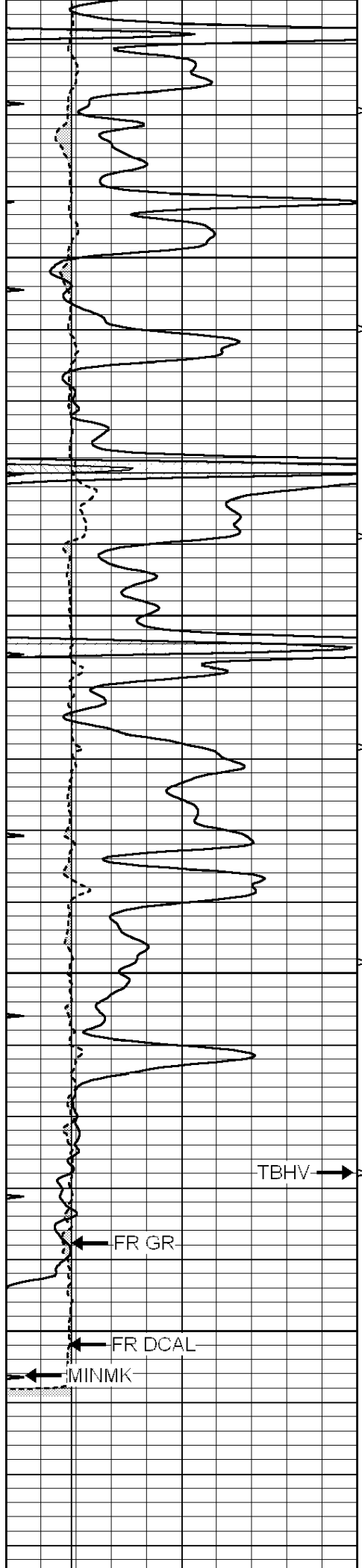
2850

2900

2950







3250

3300

3350

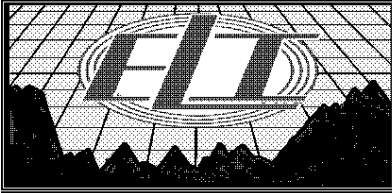
5.5" ABHV

3400

2.71 LIMESTONE MATRIX

LTD 3426

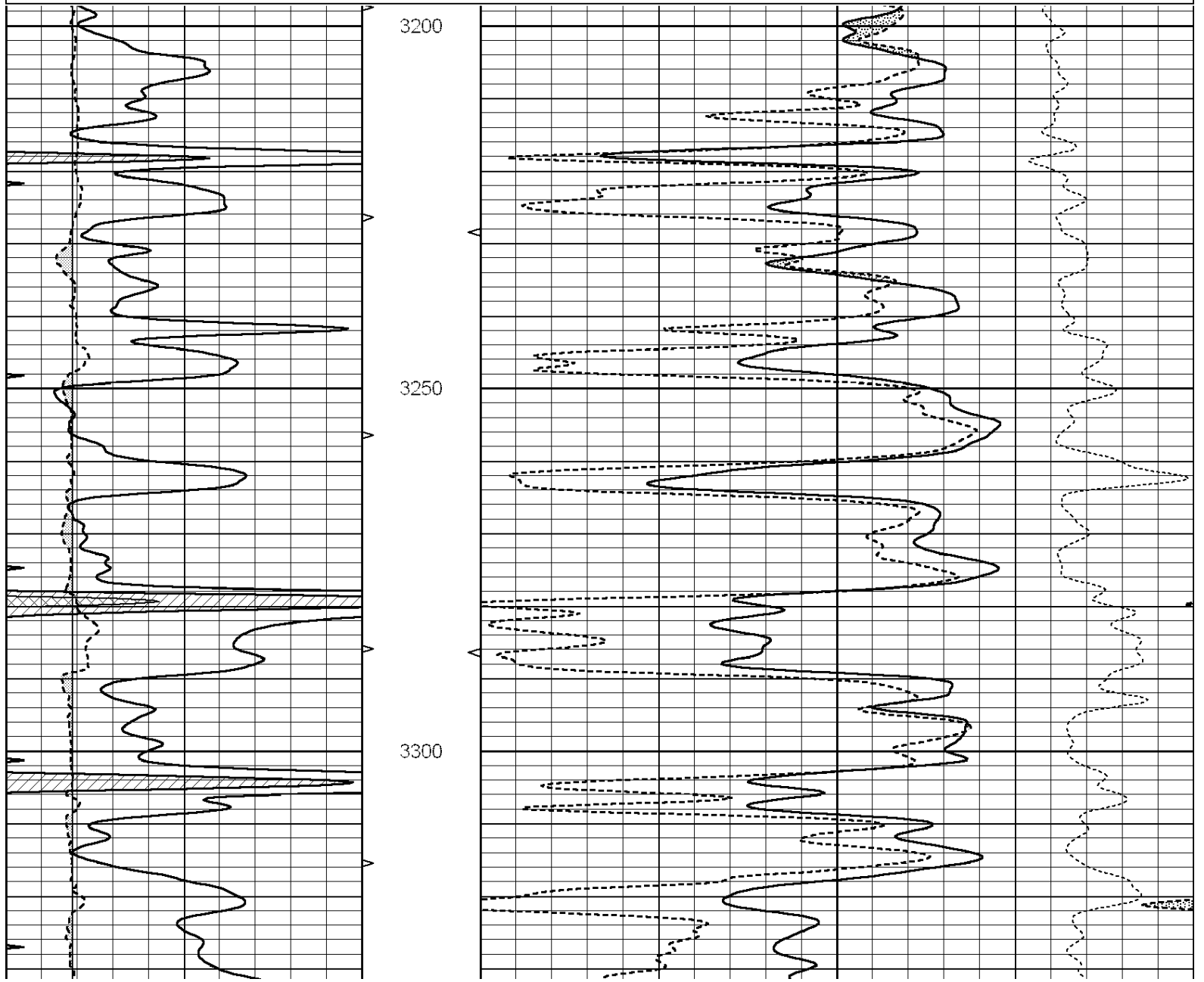
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			0 (ft3)	10		

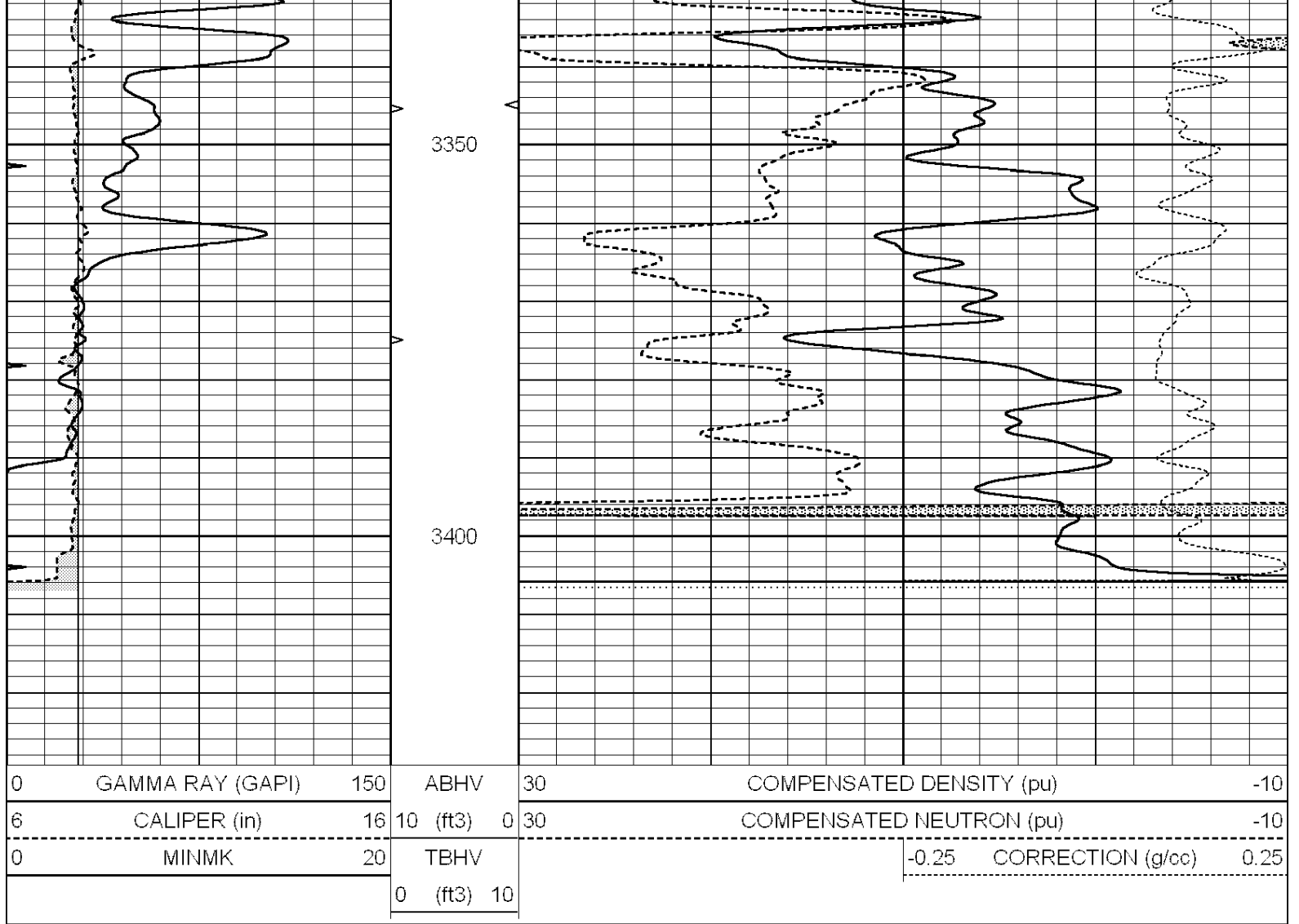


REPEAT SECTION

Database File: 30768ddn.db
 Dataset Pathname: pass2.4
 Presentation Format: den_neu
 Dataset Creation: Fri Sep 02 13:20:19 2016 by Calc SOC 120430
 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		





Calibration Report

Database File: 30768ddn.db
Dataset Pathname: pass3.10
Dataset Creation: Fri Sep 02 14:31:44 2016

Dual Induction Calibration Report

Serial-Model: PROBE7-DILG
Surface Cal Performed: Fri Sep 02 12:18:17 2016
Downhole Cal Performed: Mon Jul 28 12:02:56 2008
After Survey Verification Performed: Mon Jul 28 12:02:56 2008

Surface Calibration

Loop:	Readings			References			Results	
	Air	Loop		Air	Loop		m	b
Deep	-0.014	0.629	V	0.000	400.000	mmho/m	625.000	2.000
Medium	0.039	0.728	V	0.000	464.000	mmho/m	675.000	-44.000
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.011	0.610	V	0.000	400.000	mmho/m	667.135	-7.256
Medium	0.005	0.712	V	0.000	464.000	mmho/m	655.677	-3.102

Downhole Calibration

Readings			References			Results	
Zero	Cal		Zero	Cal		m'	b'

		Serial Number: Tool Model:	070808 Probe
PRE-SURVEY VERIFICATION			
Detector	Readings	Measured	Target
Short Space	cps		
Long Space	cps	pu	pu
POST-SURVEY VERIFICATION			
Detector	Readings	Measured	Target
Short Space	cps		
Long Space	cps	pu	pu
Gamma Ray Calibration Report			
Serial Number:	070558		
Tool Model:	OPEN_GR		
Performed:	Mon Aug 22 01:00:15 2016		
Calibrator Value:	1.0	GAPI	
Background Reading:	0.0	cps	
Calibrator Reading:	1.0	cps	
Sensitivity:	0.2800	GAPI/cps	