



SUPERIOR
Hays,
Kansas

COMPENSATED
DENSITY
NEUTRON LOG

Company BRINKER ENTERPRISES, LLC.
Well STICE #12-1
Field WILDCAT
County ROOKS
State KANSAS

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County ROOKS State KANSAS

Location: API #: 15-163-23856
880' FNL & 1325' FEL
SEC 12 TWP 7S RGE 20W
Permanent Datum GROUND LEVEL Elevation 2090'
Log Measured From KELLY BUSHING 5' A.G.L.
Drilling Measured From KELLY BUSHING
Other Services
DIL
MICRO
Elevation
K.B. 2095'
D.F.
G.L. 2090'

Date	3-10-10		
Run Number	ONE		
Depth Driller	3651		
Depth Logger	3652		
Bottom Logged Interval	3628		
Top Log Interval	2400		
Casing Driller	236		
Casing Logger	NA		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.2 / 55		
pH / Fluid Loss	9.5 / 8.0		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	1.50 @ 76F		
Rinf @ Meas. Temp	1.13 @ 76F		
Rmc @ Meas. Temp	1.80 @ 76F		
Source of Rinf / Rmc	MEASURED		
Rim @ BHT	1.03 @ 111F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	9:00 A.M.		
Maximum Recorded Temperature	111F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	RUPP		
Witnessed By	MARK TORR		

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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

SUPERIOR WELL SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: STOCKTON STOP LIGHT, 8W TO RD. #258, 1N, 5W, 2N, 3/4E, S INTO.

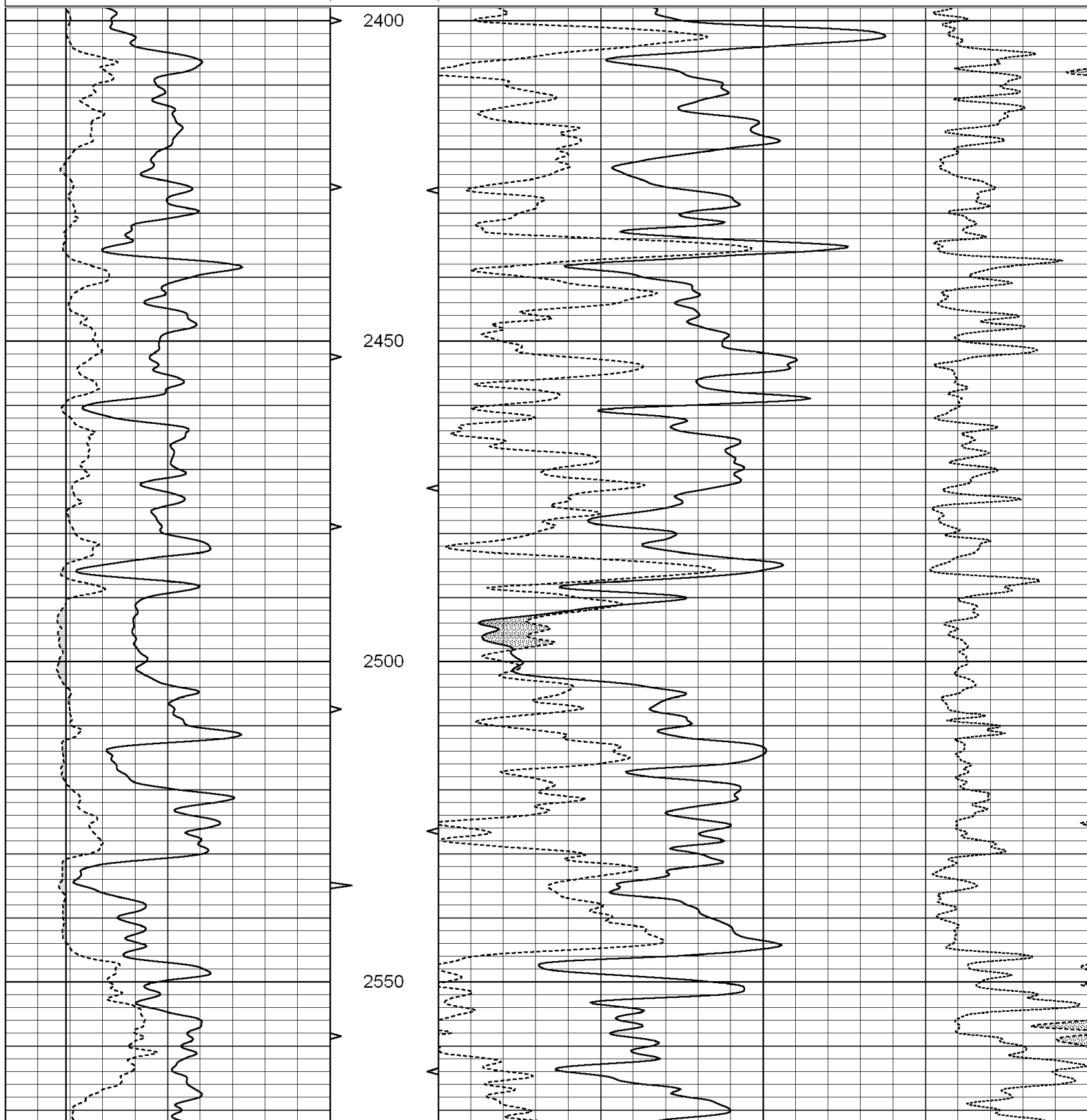


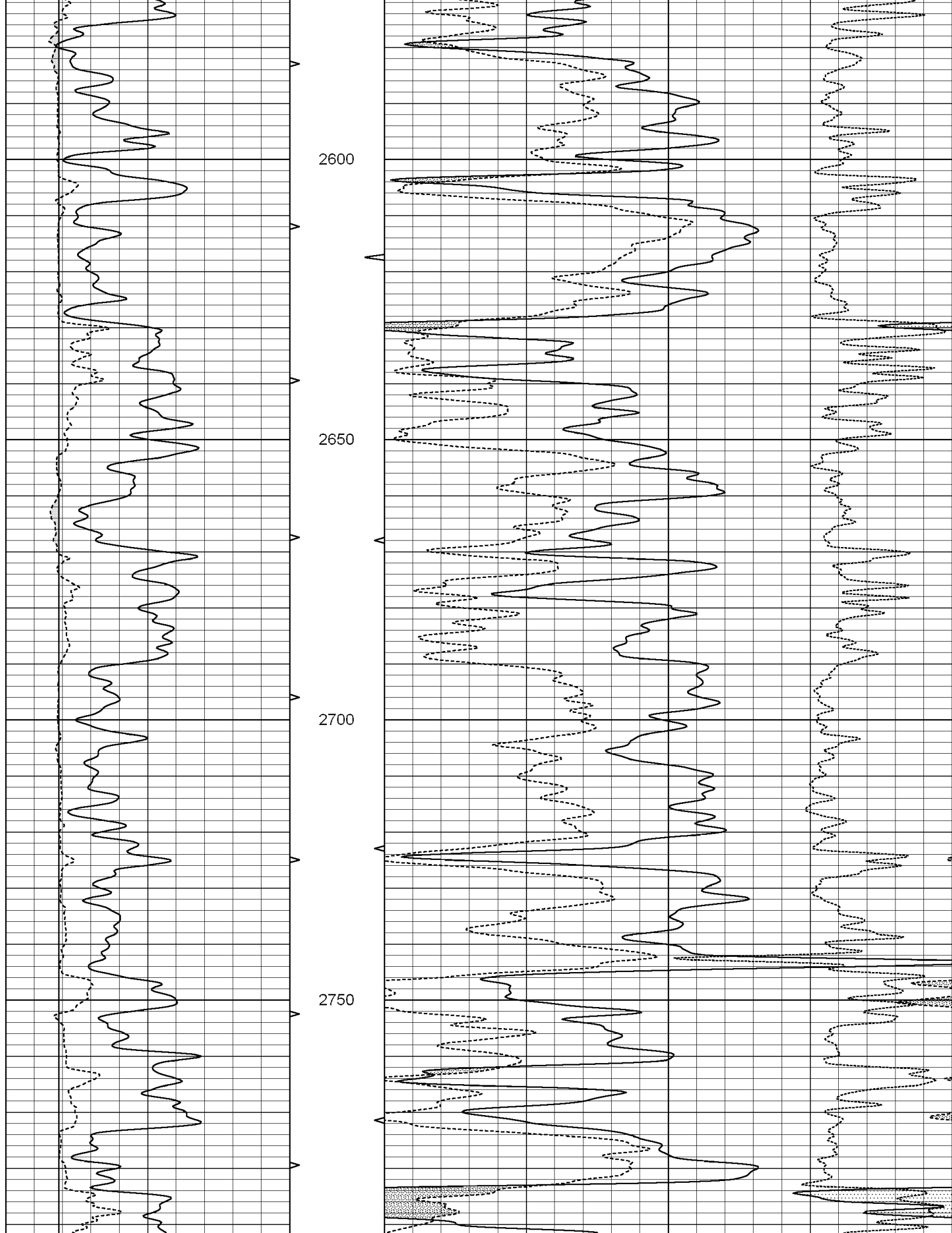
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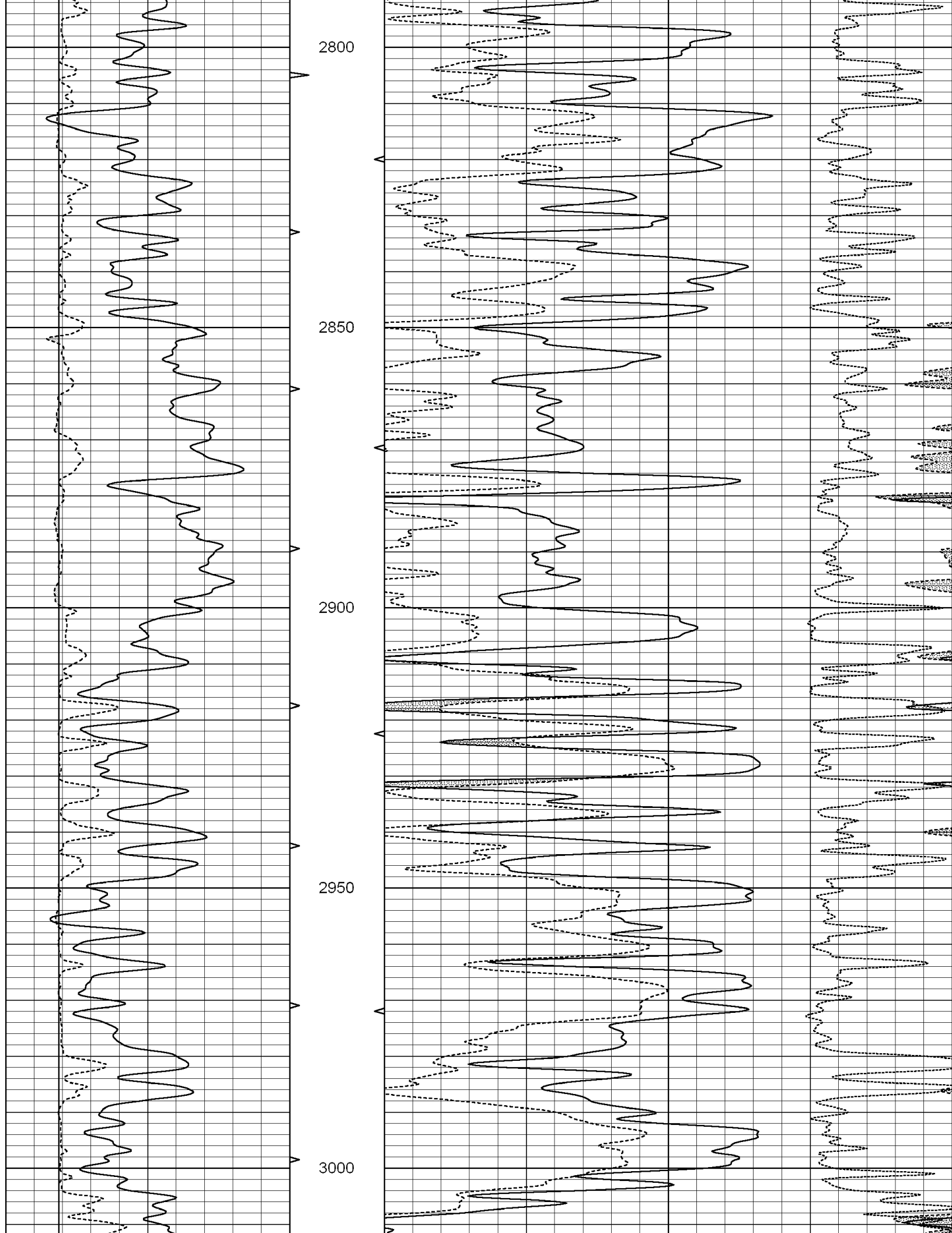
MAIN SECTION

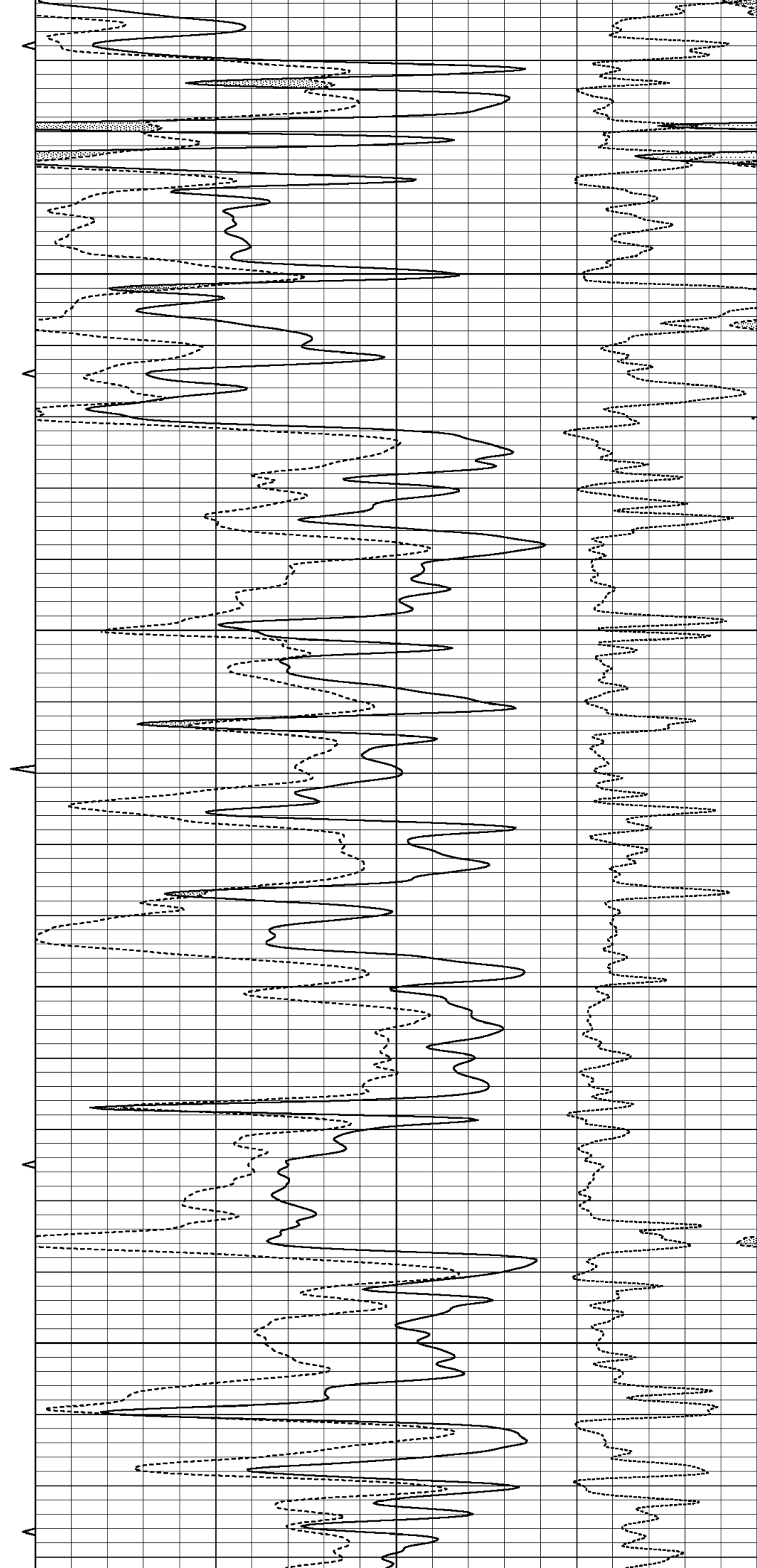
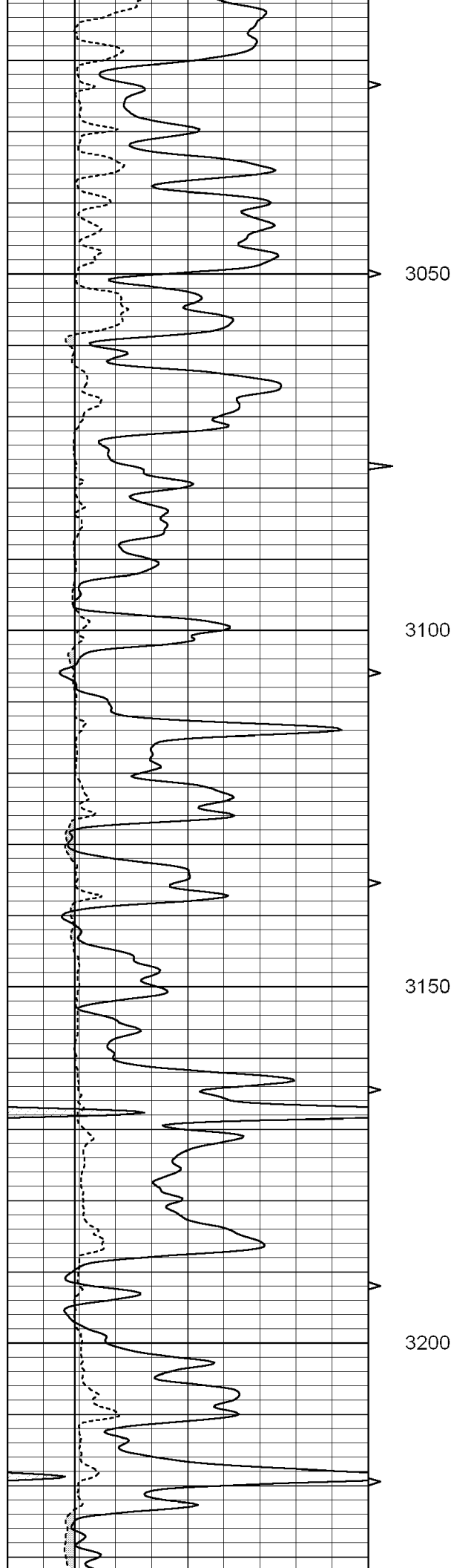
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Dataset Pathname: pass3.1
Presentation Format: den_neu
Dataset Creation: Wed Mar 10 10:43:02 2010 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:240

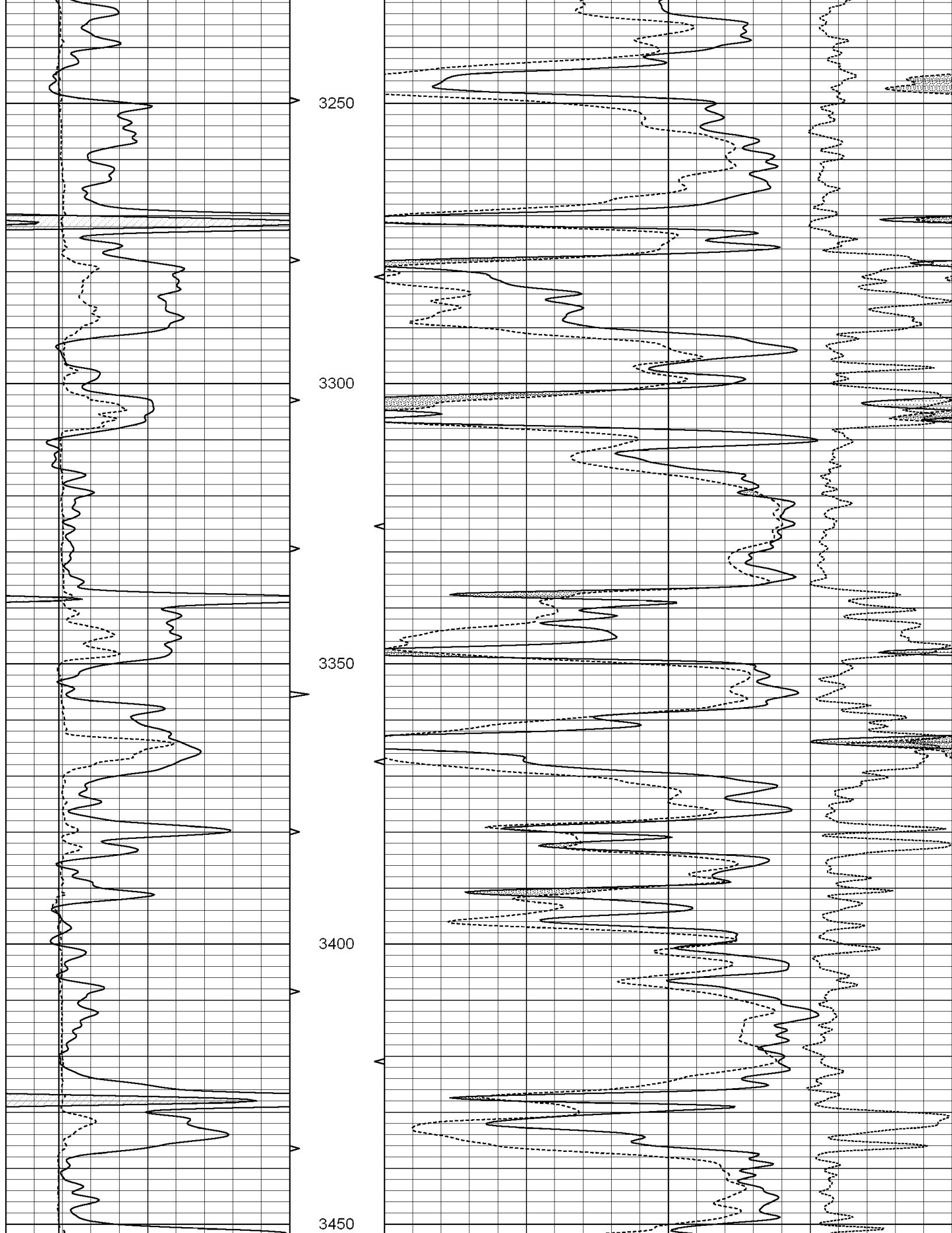
0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)	-10
6	CALIPER (in)	16	10 (ft3) 0	30	COMPENSATED NEUTRON (pu)	-10
			TBHV		-0.25 CORRECTION (g/cc)	0.25
			0 (ft3) 10			

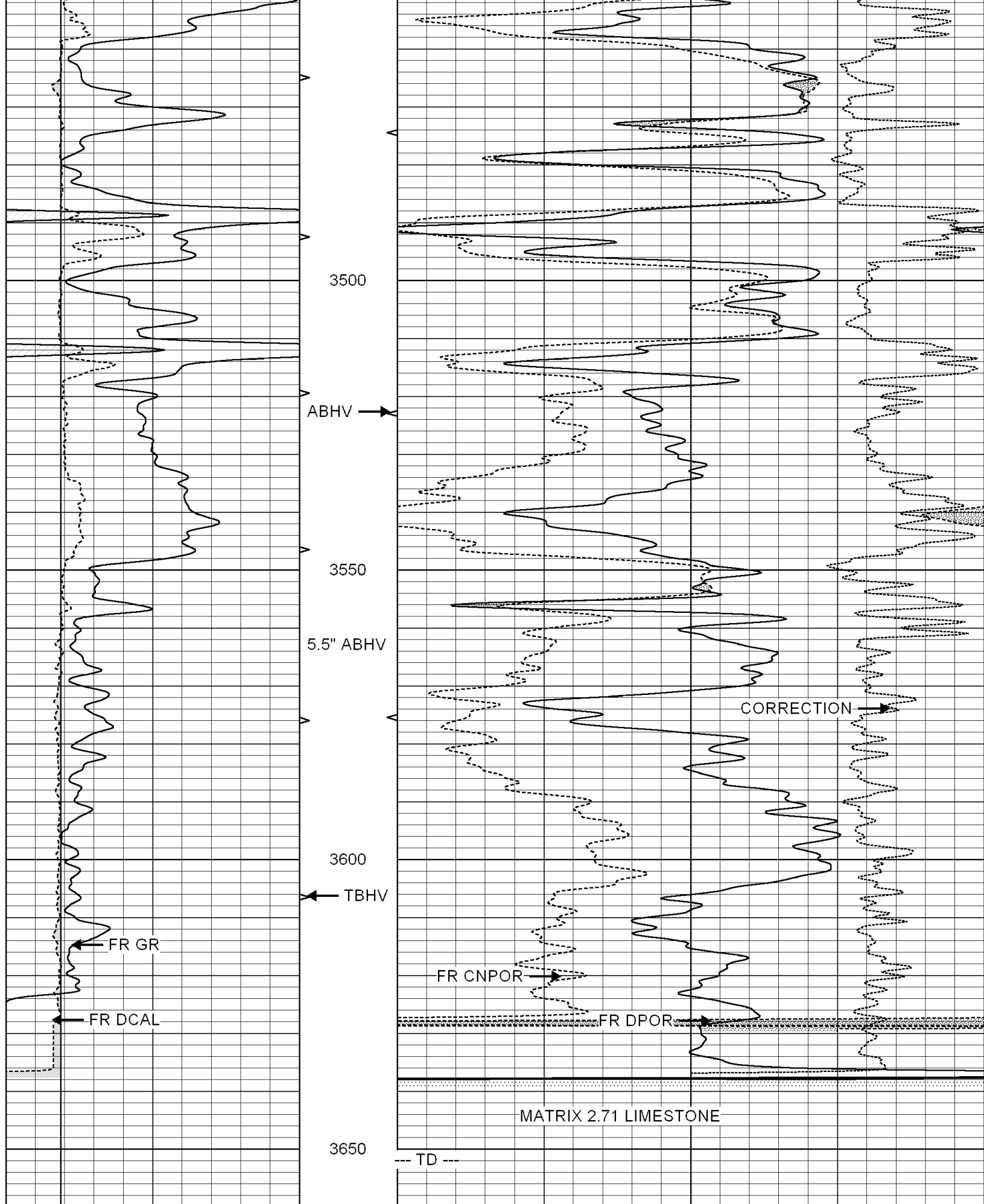












0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)	-10
6	CALIPER (in)	16	10 (ft3)	0 30	COMPENSATED NEUTRON (pu)	-10

	TD				2.25	CORRECTION (ft3)

TBHV
0 (ft3) 10

-0.25 CORRECTION (g/cc) 0.25



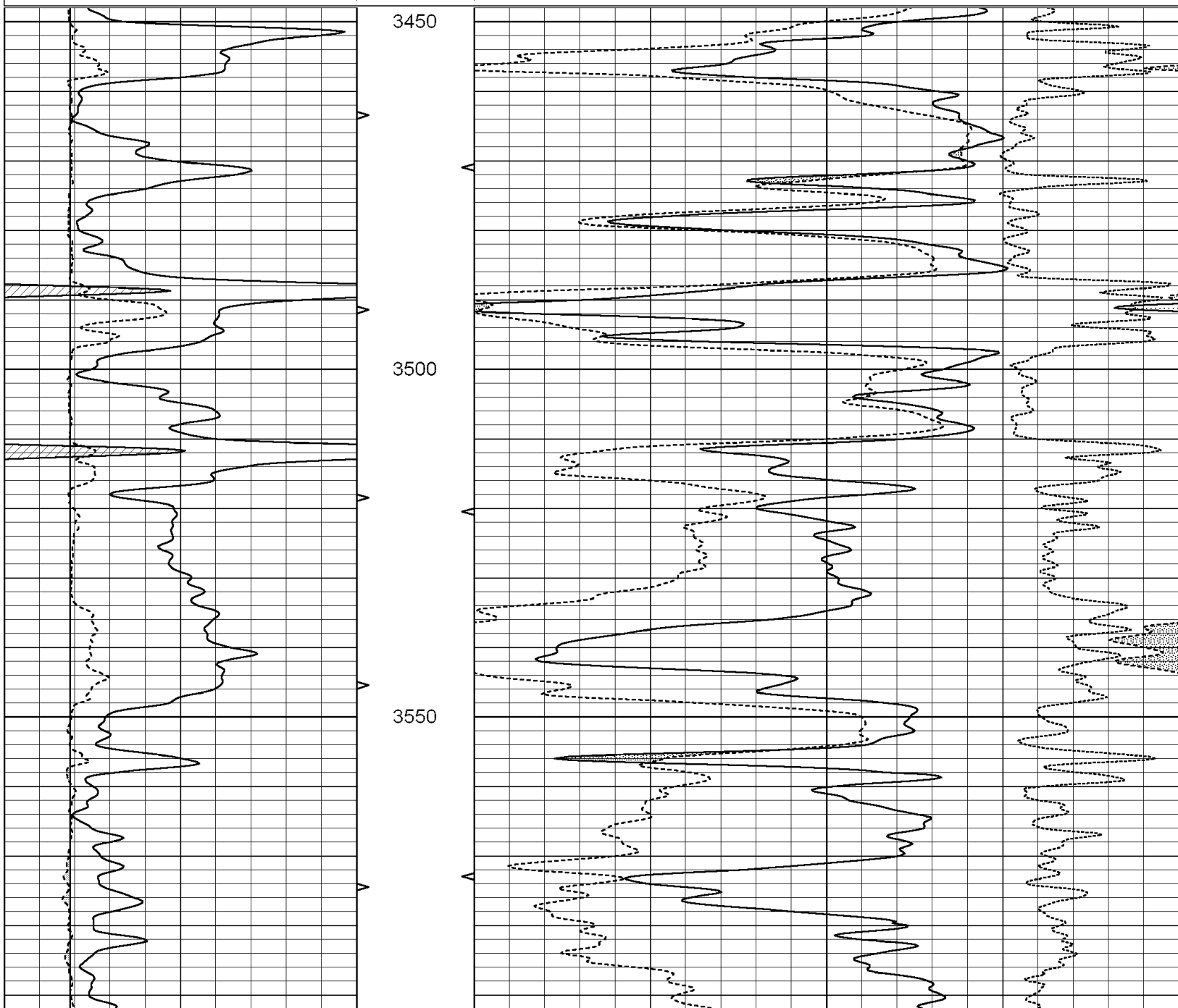
SUPERIOR

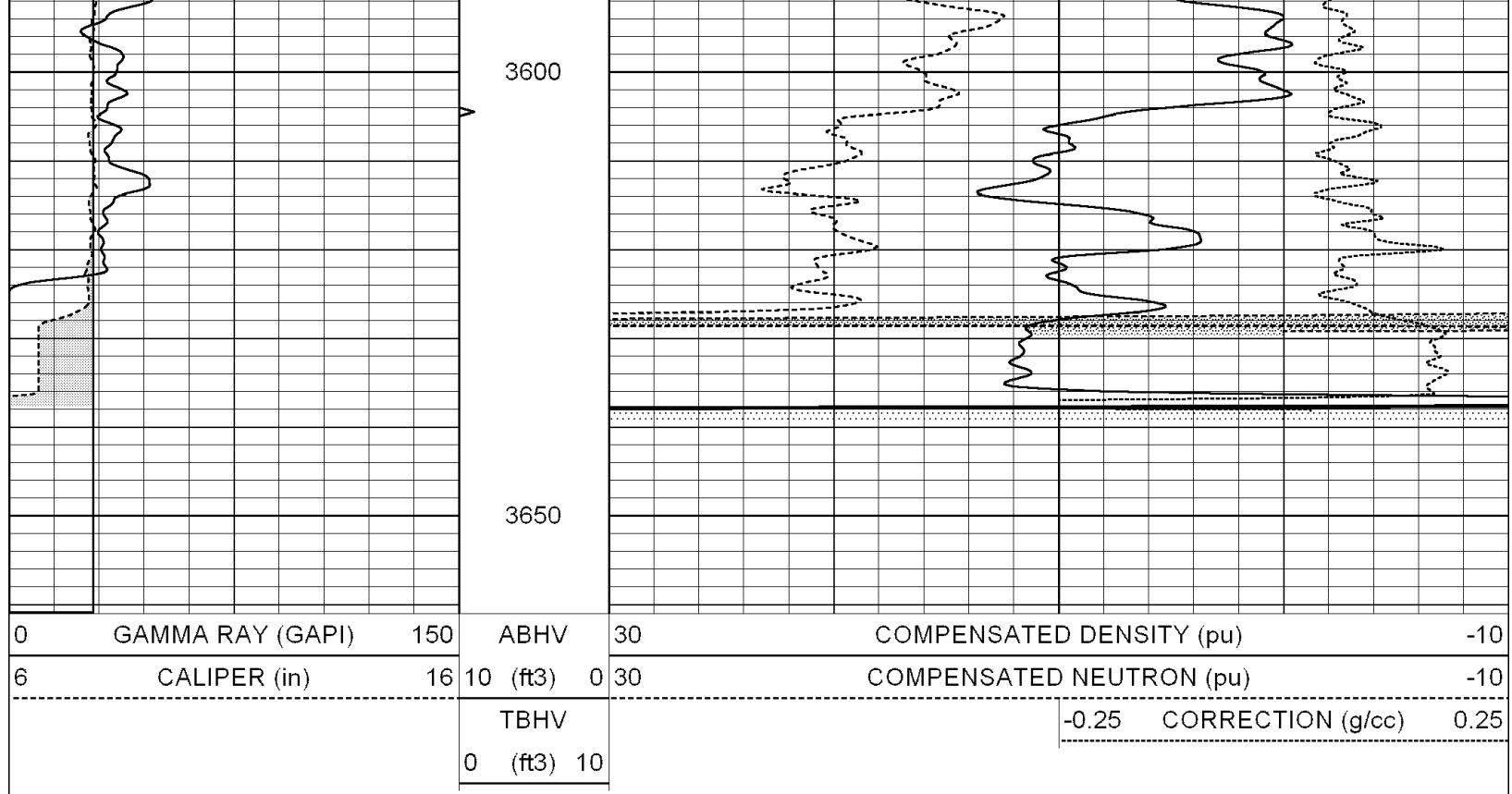
Hays,
Kansas

REPEAT SECTION

Database File: 004610ddn.db
Dataset Pathname: pass2.A
Presentation Format: den_neu
Dataset Creation: Wed Mar 10 10:23:02 2010
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
			TBHV		-0.25 CORRECTION (g/cc)	0.25
			0 (ft3) 10			





Calibration Report	
Database File:	004610ddn.db
Dataset Pathname:	pass3.1
Dataset Creation:	Wed Mar 10 10:43:02 2010 by Calc Open-Cased 090629

Dual Induction Calibration Report								
Serial-Model: Performed:			DIL5-GEAR Wed Mar 10 09:47:57 2010					
Readings				References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.004	0.654	V	0.000	400.000	mmho/m	550.000	-10.000
Medium	-0.005	0.737	V	0.000	462.500	mmho/m	540.000	-15.000
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.006	0.655	V	0.000	400.000	mmho/m	615.668	-3.483
Medium	0.010	0.747	V	0.000	462.500	mmho/m	627.607	-6.064

Compensated Density Calibration Report	
Serial-Model:	GEAR1-GEARHART
Source / Verifier:	147 / 147
Master Calibration Performed:	Wed Mar 10 09:26:27 2010

Master Calibration					
	Density		Far Detector	Near Detector	
Magnesium	1.710	g/cc	1006.91	528.07	cps
Aluminum	2.600	g/cc	233.49	355.80	cps
Spine Angle = 74.88			Density/Spine Ratio = 0.588		
Size			Reading		

Small Ring	7.90	in	3.68	V	
Large Ring	14.00	in	6.06	V	
Compensated Neutron Calibration Report					
Serial Number:		NEU_11			
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
Gamma Ray Calibration Report					
Serial Number:	GR5				
Tool Model:	OPEN				
Performed:	Thu Mar 04 09:56:14 2010				
Calibrator Value:	1.0		GAPI		
Background Reading:	0.0		cps		
Calibrator Reading:	1.0		cps		
Sensitivity:	0.6000		GAPI/cps		