



**SUPERIOR
Hays,
Kansas**

**COMPENSATED
DENSITY
NEUTRON LOG**

Company TREK RESOURCES, INC.
Well MUDD #1
Field GORHAM
County RUSSELL
State KANSAS

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Field GORHAM
County RUSSELL State KANSAS

Location: 1038' FNL & 358' FEL
SEC 35 TWP 14S RGE 15W
Permanent Datum GROUND LEVEL Elevation 1791
Log Measured From KELLY BUSHING 8' A.G.L.
Drilling Measured From KELLY BUSHING
Other Services
DIL
Elevation
K.B. 1799
D.F.
G.L. 1791

Date	9-9-09		
Run Number	ONE		
Depth Driller	3290		
Depth Logger	3290		
Bottom Logged Interval	3266		
Top Log Interval	2600		
Casing Driller	606		
Casing Logger	NA		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES: 7.000ppm	
Density / Viscosity	9.2 / 52		
pH / Fluid Loss	9.5 / 8.8		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	0.60 @ 88F		
Rmf @ Meas. Temp	0.45 @ 88F		
Rmc @ Meas. Temp	0.72 @ 88F		
Source of Rmf / Rmc	MEASURED		
Rm @ BHT	.490 @ 108F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	9:10 P.M.		
Maximum Recorded Temperature	108F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	RUPP		
Witnessed By	RANDY KILIAN		

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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: BALTA RD. & I-70, 5S, 1 1/10W, S INTO.

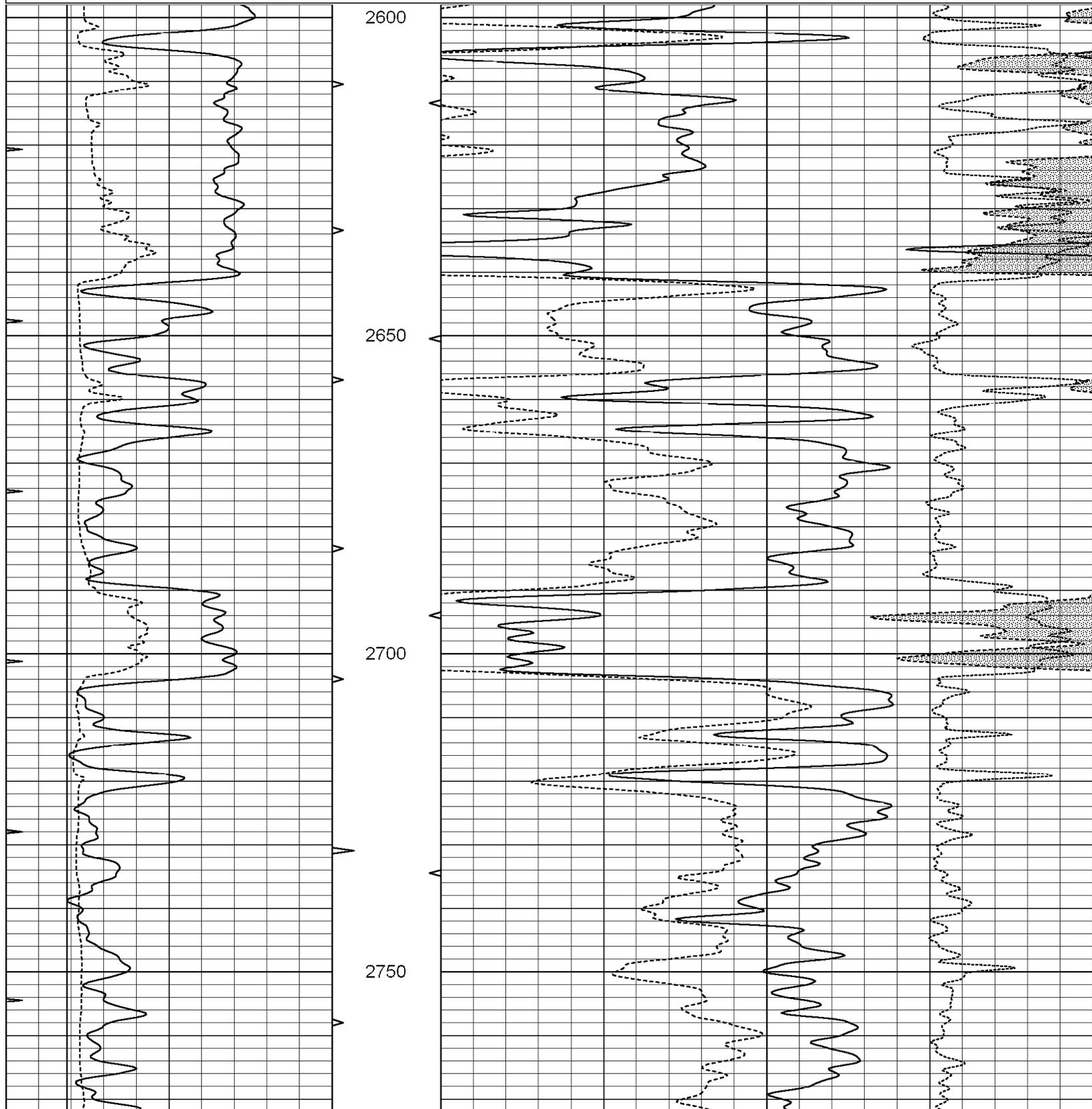


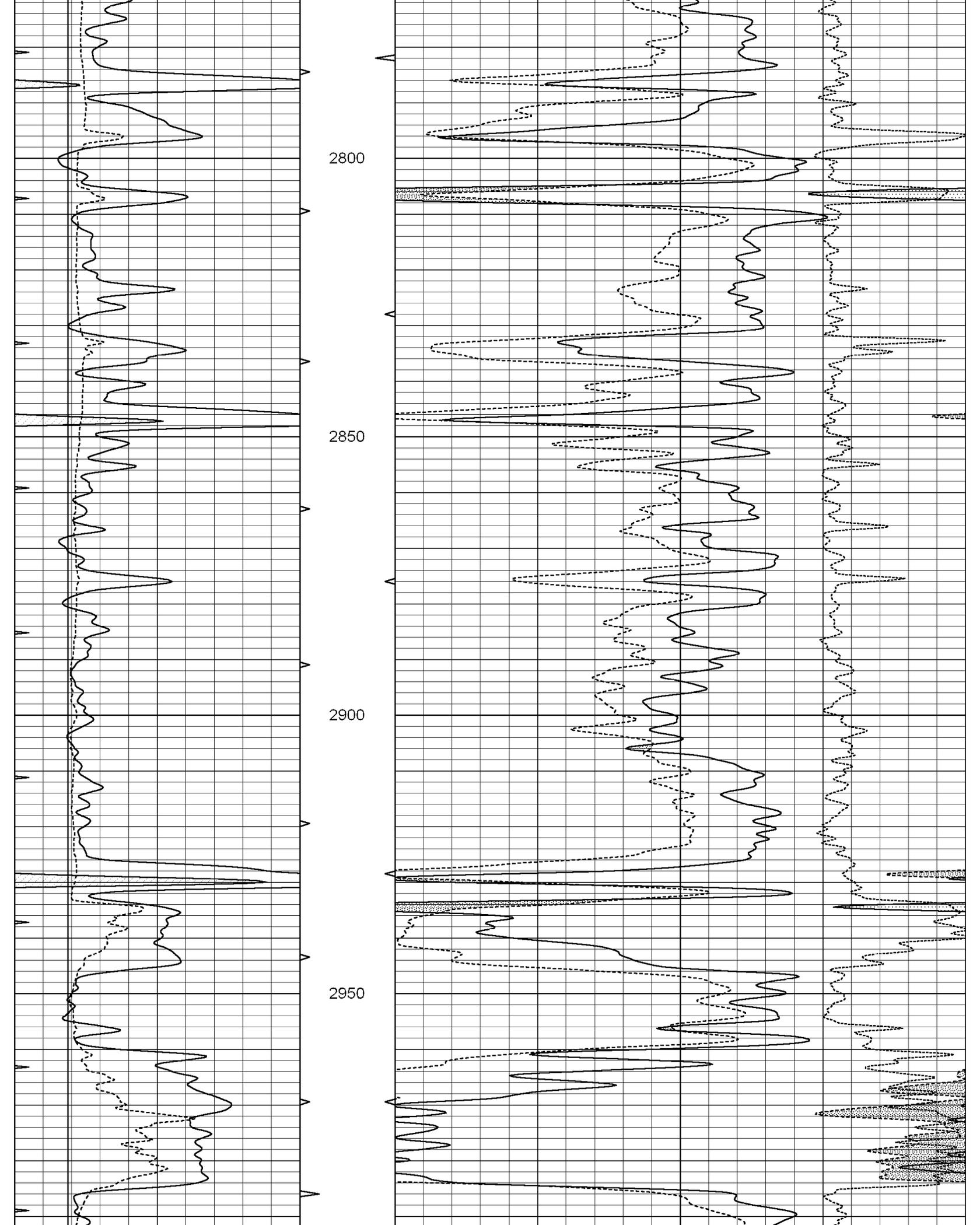
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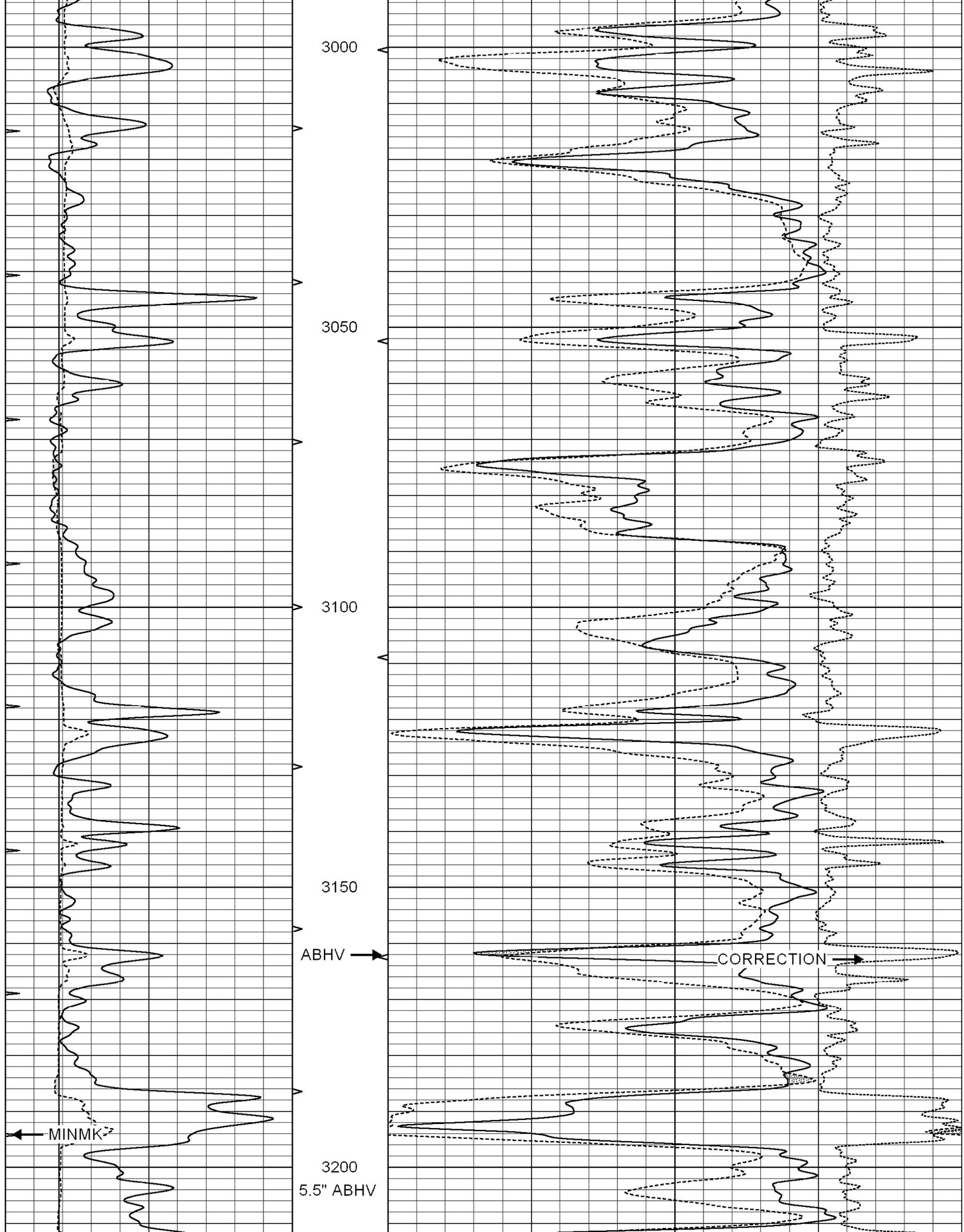
MAIN SECTION

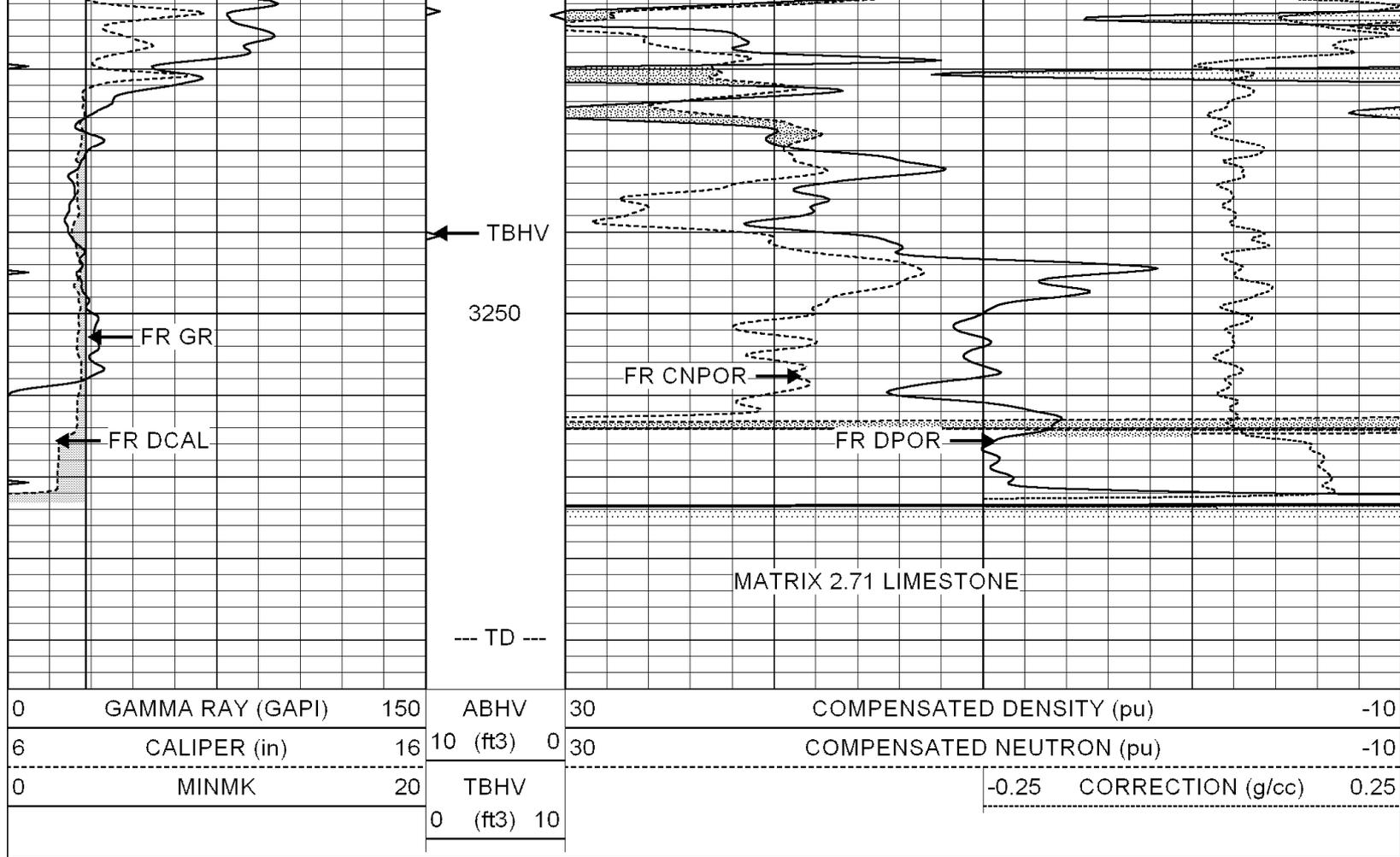
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 Dataset Pathname: pass3.1
 Presentation Format: den_neu
 Dataset Creation: Wed Sep 09 22:20:24 2009 by Calc Open-Cased 051020
 Charted by: Depth in Feet scaled 1:240

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			







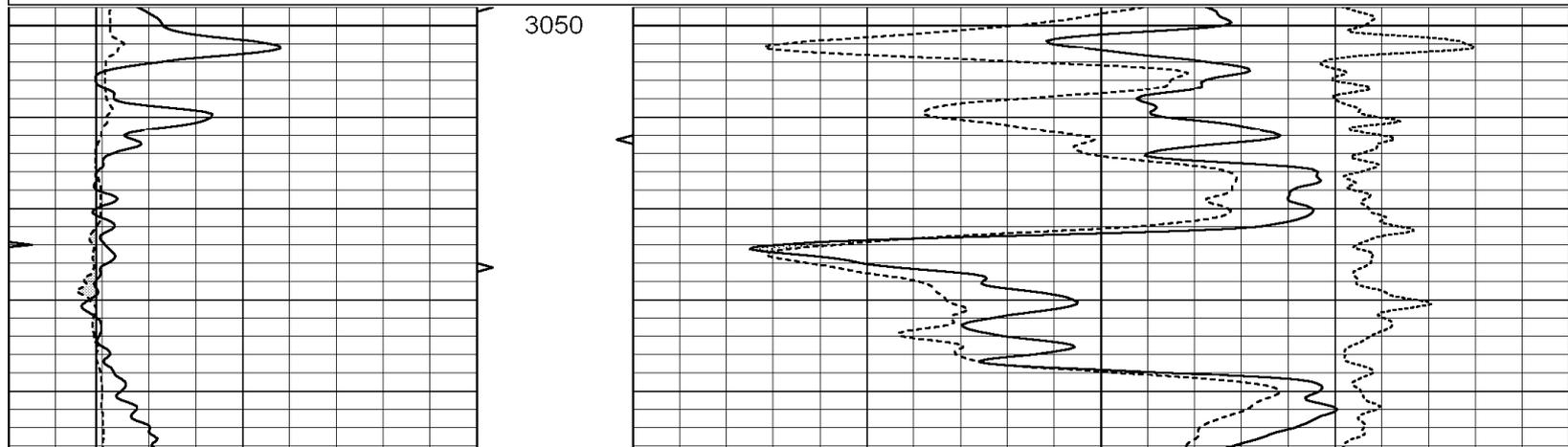


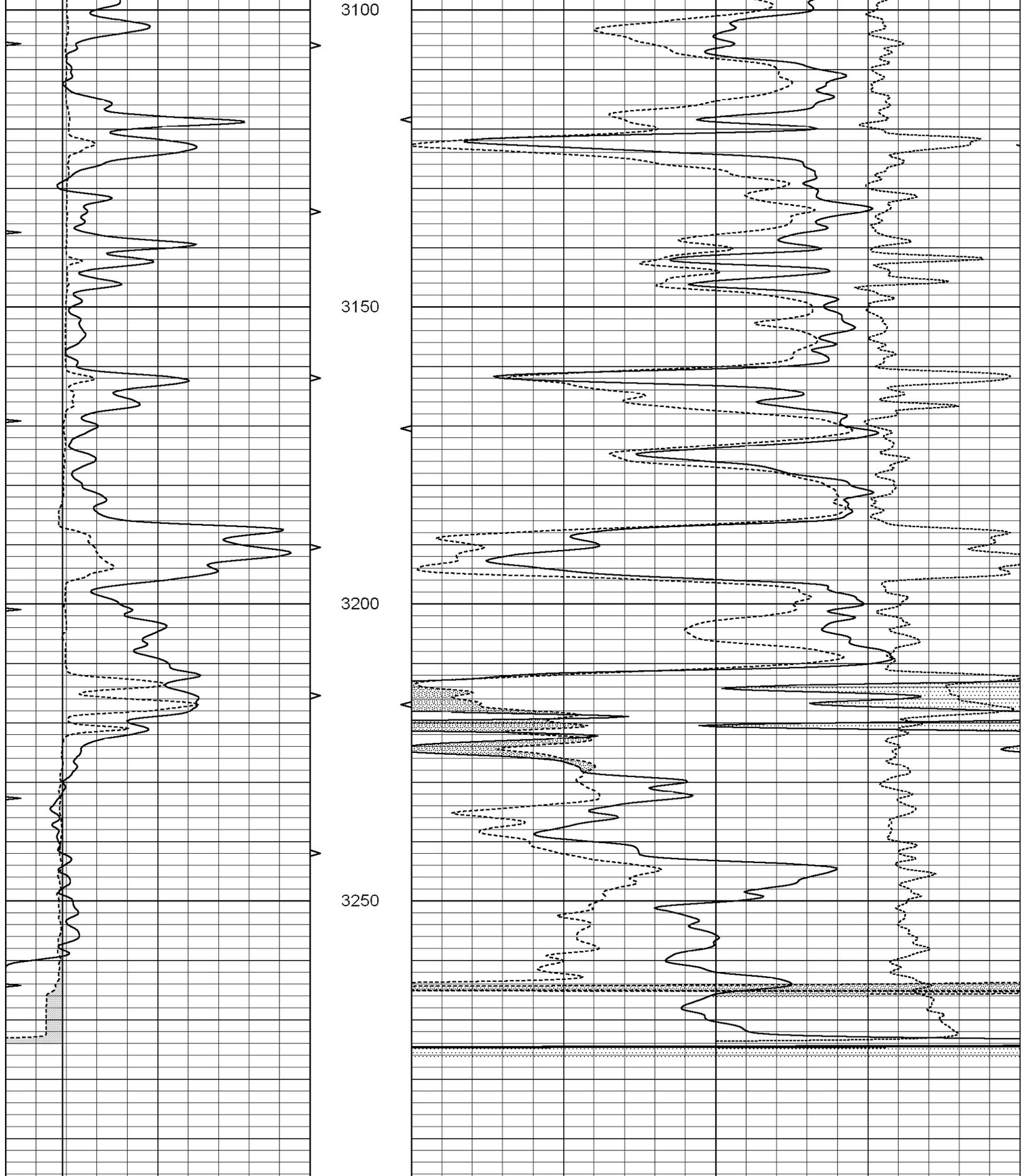
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REPEAT SECTION

Database File: 004251ddn.db
 Dataset Pathname: pass2.1
 Presentation Format: den_neu
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 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			





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: 004251ddn.db
 Dataset Pathname: pass3
 Dataset Creation: Wed Sep 09 21:17:55 2009 by Log Open-Cased 051020

Dual Induction Calibration Report

Serial-Model: DIL5-GEAR
 Performed: Wed Sep 09 21:10:29 2009

Loop:	Readings			References			Results	
	Air	Loop		Air	Loop		m	b
Deep	0.004	0.654	V	0.000	400.000	mmho-m	500.000	-8.000
Medium	-0.005	0.737	V	0.000	462.500	mmho-m	470.000	-10.000
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 Sep 09 20:48:33 2009

Master Calibration

	Density		Far Detector	Near Detector	
Magnesium	1.710	g/cc	1006.91	528.07	cps
Aluminum	2.610	g/cc	233.49	355.80	cps
Spine Angle = 74.88			Density/Spine Ratio = 0.594		
	Size		Reading		
Small Ring	8.10	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: Mon Sep 07 20:43:52 2009

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
 Calibrator Reading: 1.0 cps

Sensitivity: 0.5300 GAPI/cps

