

COMPENSATED DENSITY/NEUTRON LOG

Company	RJM COMPANY	Company	RJM COMPANY
Well	AMES UNIT #17	Well	AMES UNIT #17
Field	AMES	Field	AMES
County	BARTON	County	BARTON
State	KANSAS	State	KANSAS
Location:	API # : 15-009-26415-0000	Other Services	DILMEL
Permanent Datum	GROUND LEVEL	Elevation	1771
Log Measured From	KELLY BUSHING 10' A.G.L	Elevation	K.B. 1781 D.F. 1779 G.L. 1771
Drilling Measured From	KELLY BUSHING		
SEC 34 TWP 18S RGE 11W			
4/23/24	ONE		
Run Number	3325		
Depth Driller	3324		
Depth Logger	3300		
Bottom Logged Interval	2700		
Top Log Interval	8.625@250		
Casing Driller	266		
Casing Logger	7.785		
Bit Size	CHEMICAL MUD	CHLORIDES 8,000 PPM	
Type Fluid in Hole	9.1/55		
Density / Viscosity	8.5/11.6		
pH / Fluid Loss	FLOWLINE		
Source of Sample	.420@62F		
Rm @ Meas. Temp	.315@62F		
Rmf @ Meas. Temp	.504@62F		
Rmc @ Meas. Temp	MEASUREMENT		
Source of Rmf / Rmc	.237@110F		
Rm @ BHT	8 HOURS		
Time Circulation Stopped	9:30 P.M.		
Time Logger on Bottom	110F		
Maximum Recorded Temperature	922339		
Equipment Number	HAYS, KANSAS		
Location	JEFF LUEBBERS		
Recorded By	JIM MUSGROVE		
Witnessed By			

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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.

15-009-26415-0000

Comments

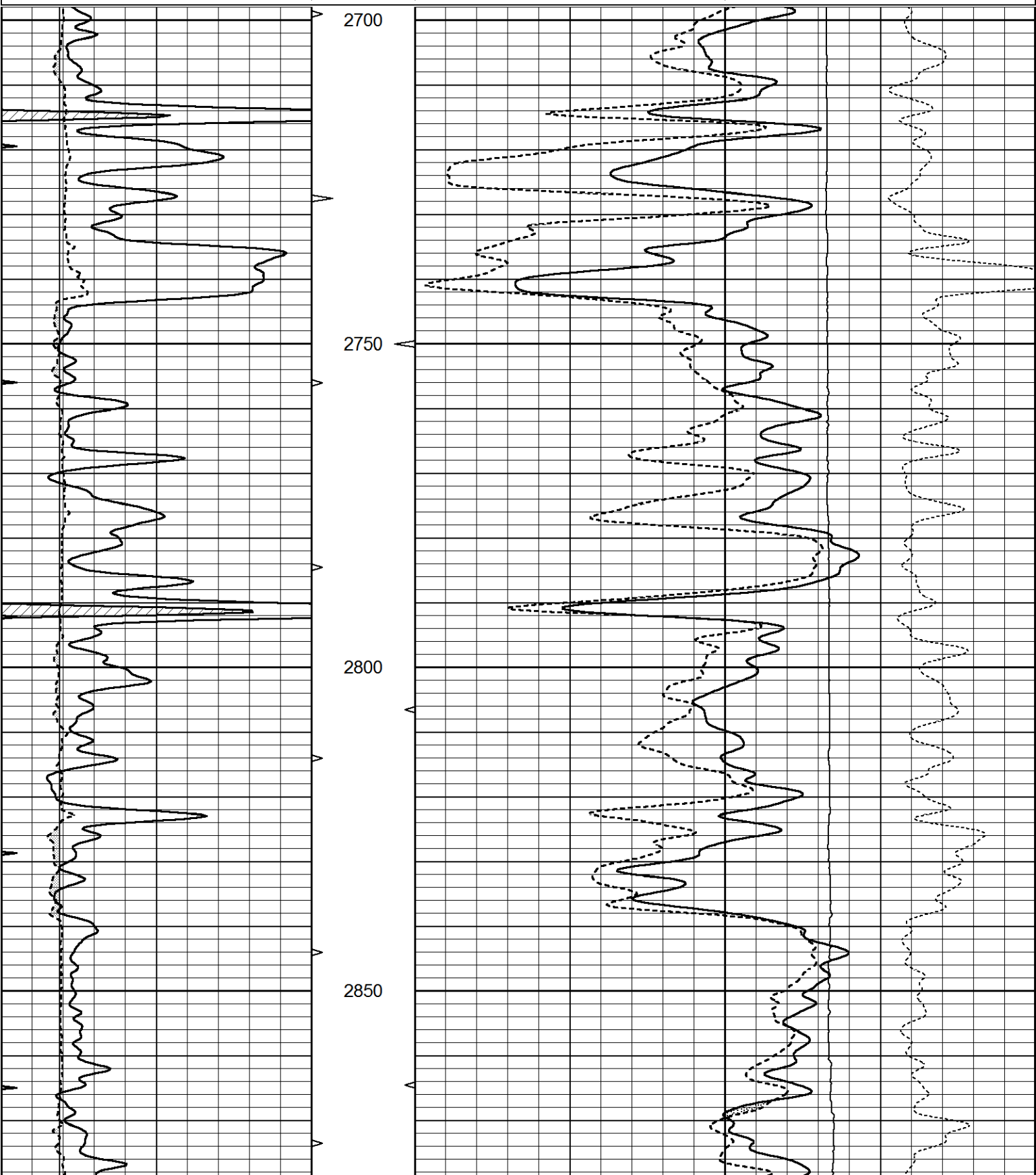
THANK YOU FOR USING ELI WIRELINE HAYS. KANSAS (785) 628-6395
DIRECTIONS
CLAFLIN, KS. & HWY 4, 5S. ON BLKTOP, 1E., 1/2S., W. INTO

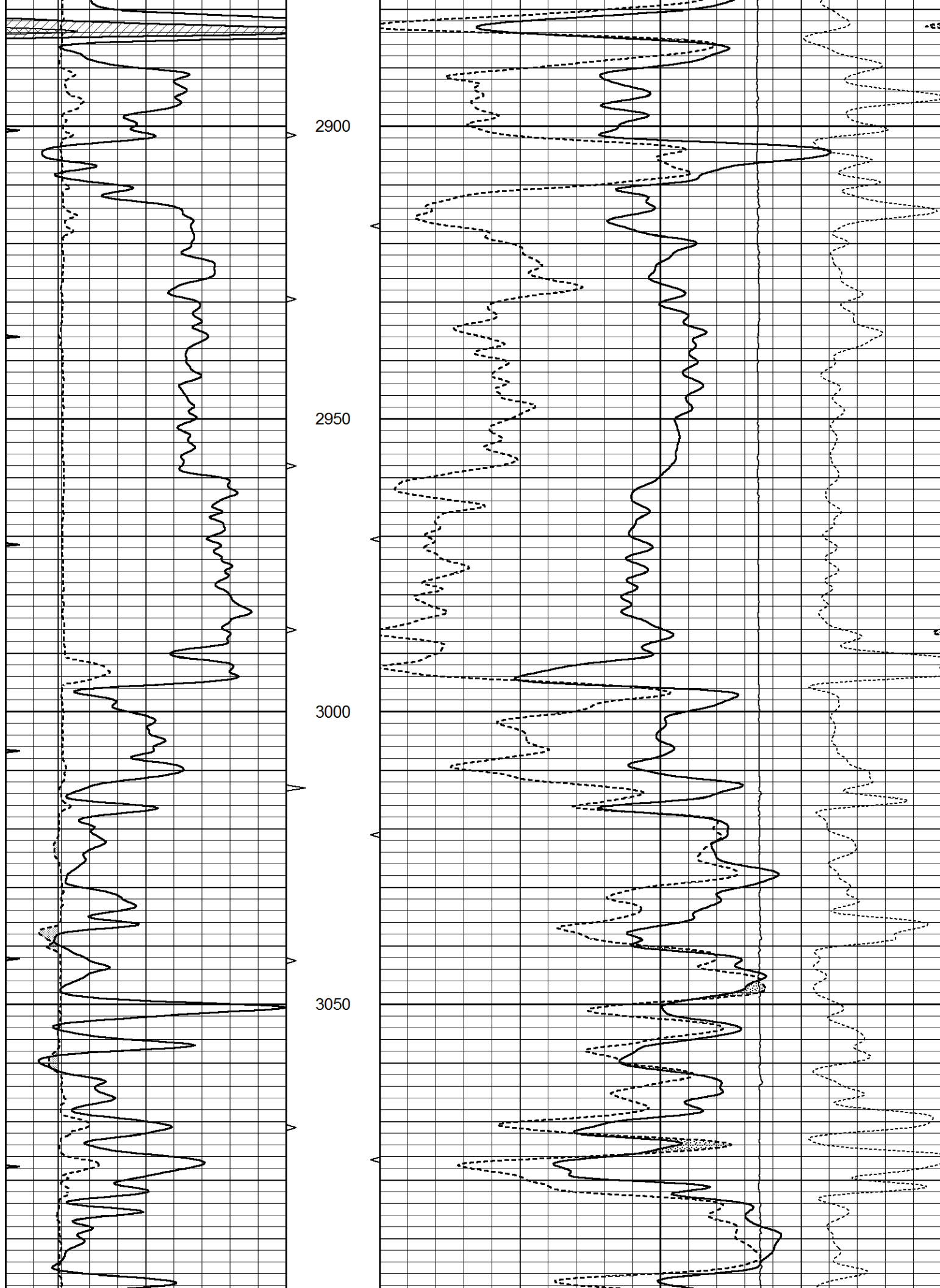


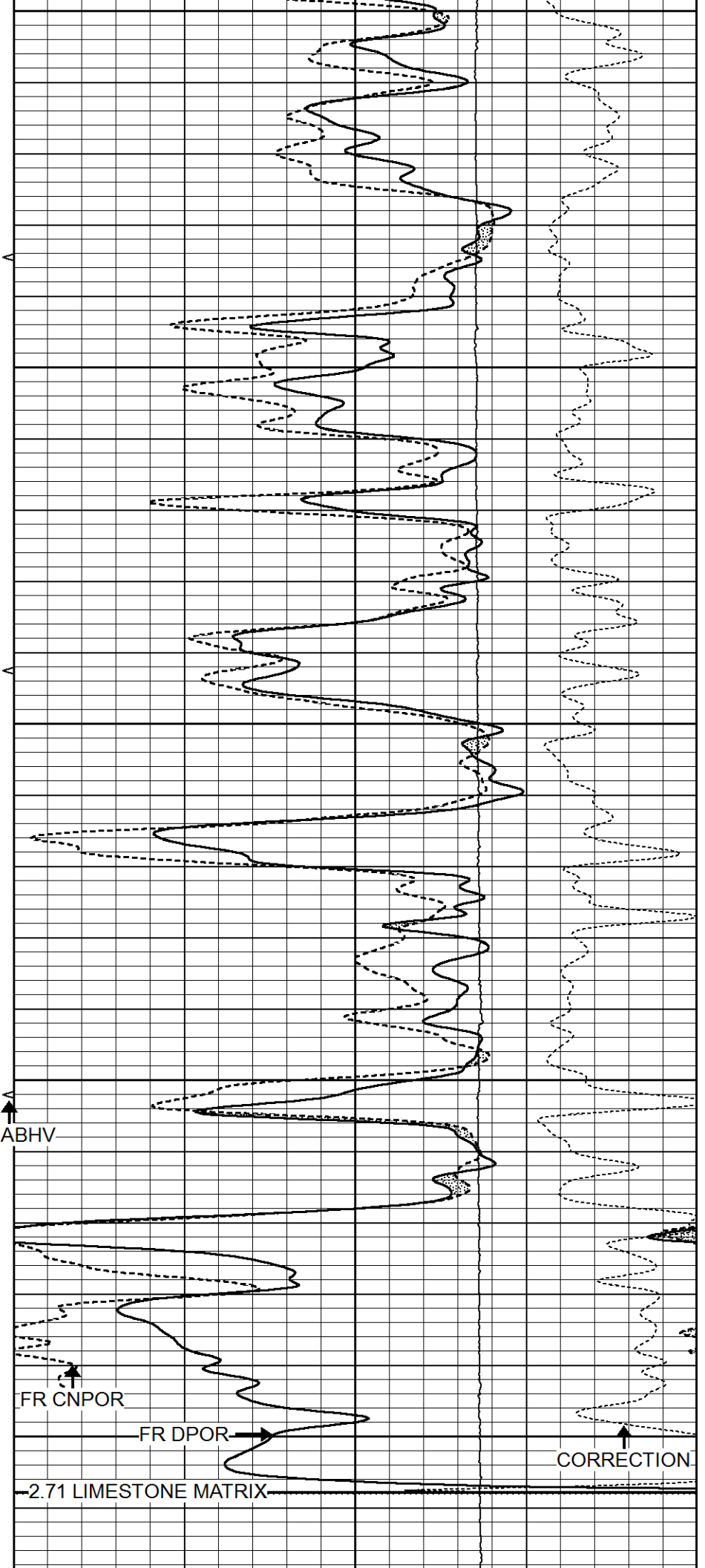
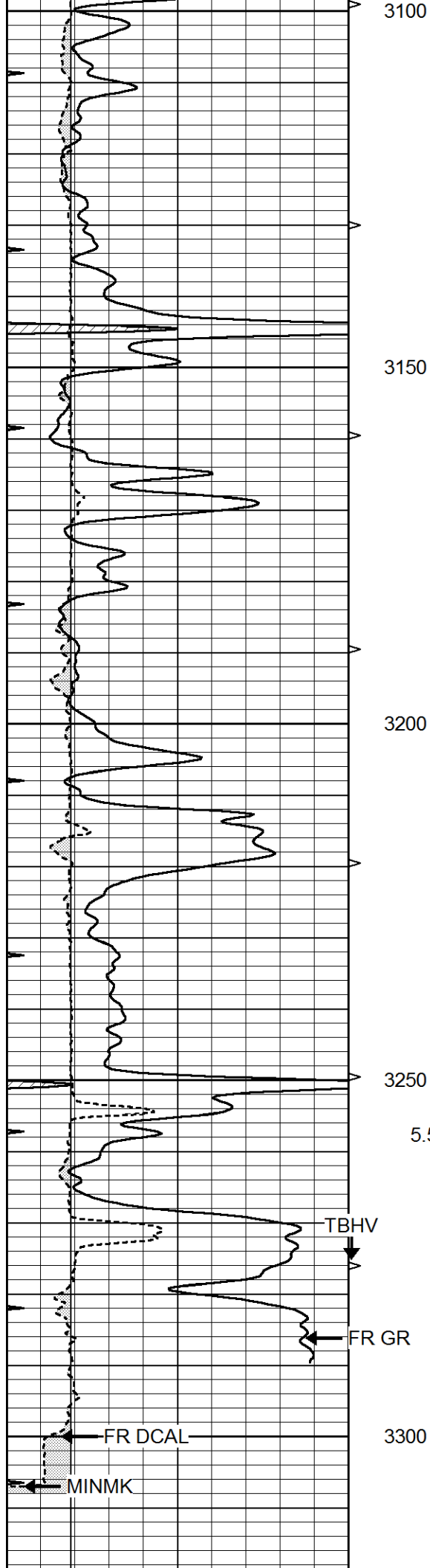
MAIN SECTION

Database File	8492ddn.db
Dataset Pathname	pass3.1M
Presentation Format	_den_neu
Dataset Creation	Tue Apr 23 23:31:24 2024
Charted by	Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)			-10	
6	DCAL (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	LTEN (lb)	5000	







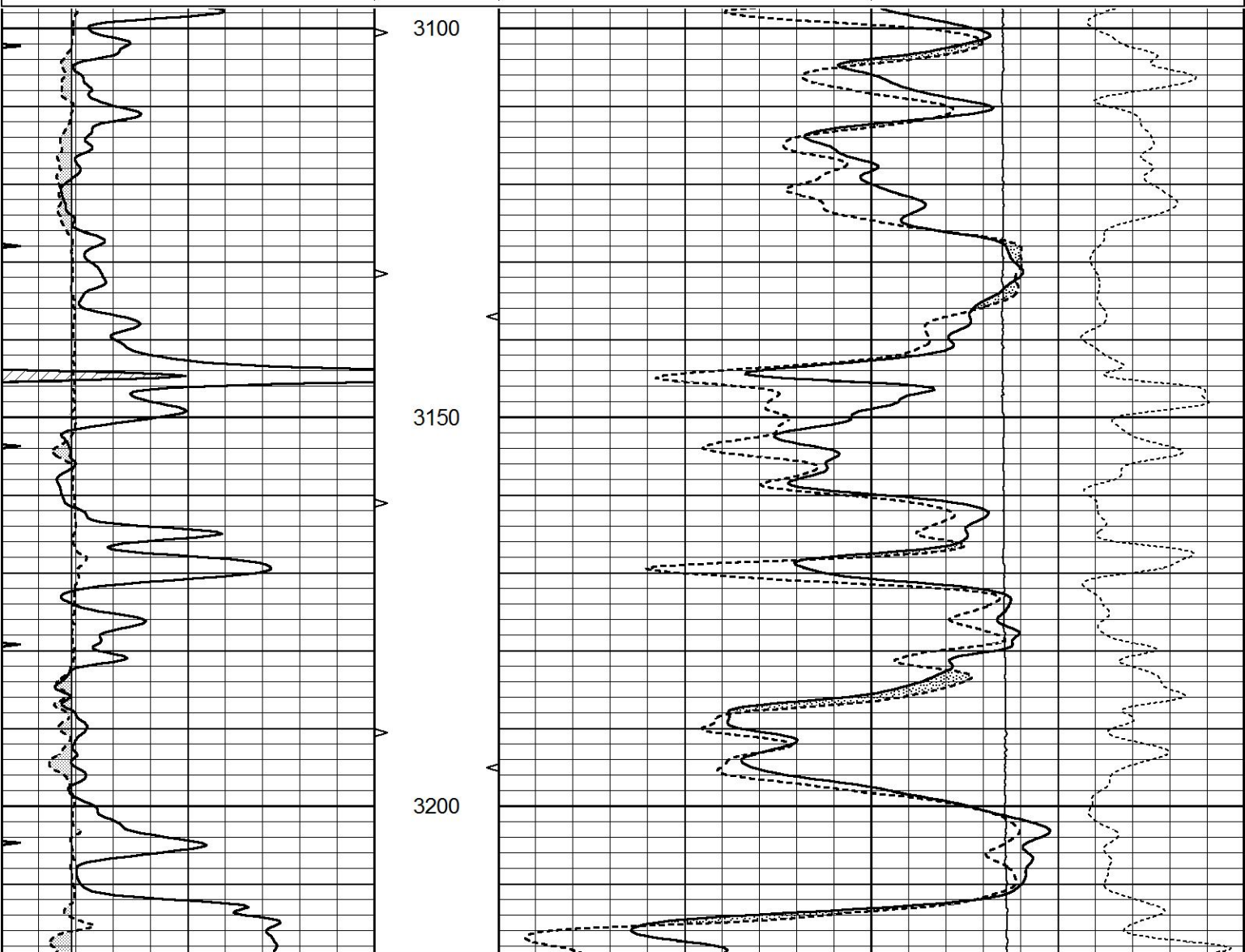
			LTD 3324				LTEN →			
0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)					-10
6	DCAL (in)	16	10 (ft3) 0	30	COMPENSATED NEUTRON (pu)					-10
0	MINMK	20	TBHV				-0.25	CORRECTION (g/cc)	0.25	
			0 (ft3) 10				0	LTEN (lb)	5000	

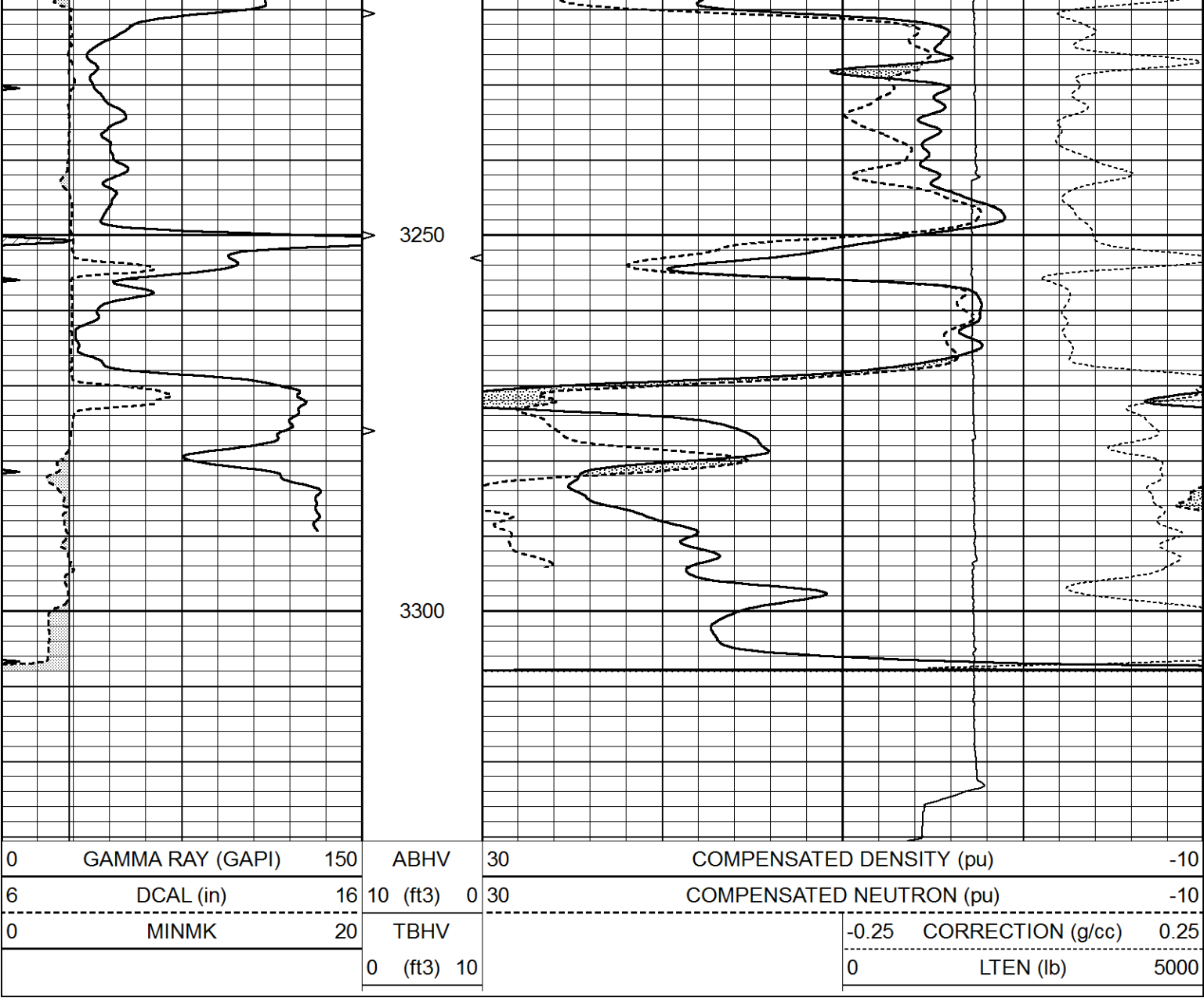


REPEAT SECTION

Database File	8492ddn.db
Dataset Pathname	pass2.1R
Presentation Format	_den_neu
Dataset Creation	Tue Apr 23 23:33:40 2024
Charted by	Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)					-10
6	DCAL (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	LTEN (lb)	5000	





Calibration Report								
Database File	8492ddn.db							
Dataset Pathname	pass3.1M							
Dataset Creation	Tue Apr 23 23:31:24 2024							
Dual Induction Calibration Report								
Serial-Model:			PROBE8-DILG					
Surface Cal Performed:			Tue Apr 23 22:47:00 2024					
Downhole Cal Performed:			Mon Aug 14 00:39:25 2023					
After Survey Verification Performed:			Mon Jul 28 11:08:27 2008					
Surface Calibration								
Readings				References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.015	0.648	V	0.000	400.000	mmho/m	660.000	14.000
Medium	0.029	0.796	V	0.000	464.000	mmho/m	650.000	0.000
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.017	0.657	V	0.000	400.000	mmho/m	625.153	-10.619
Medium	0.016	0.757	V	0.000	464.000	mmho/m	625.992	-9.739

Downhole Calibration			Readings		References		Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	2.011	405.777	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	7.590	503.393	mmho/m	1.000	0.000
LL3		7.500	V		1500.000	Ohm-m		
		0.000	V		20.000	Ohm-m		
		-7.200	V		3800.000	mmho-m		

After Survey Verification			Readings		Targets		Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	0.000	0.000	mmho/m	0.000	0.000
Medium	0.000	0.000	mmho/m	0.000	0.000	mmho/m	0.000	0.000
LL3		1.000	Ohm-m		1.000	Ohm-m		
		0.000	Ohm-m		0.000	Ohm-m		
		1.000	mmho-m		1.000	mmho-m		

Litho Density Calibration Report								
Serial: 004			Model: PRB					

Master Calibration			Performed Tue Aug 02 11:29:35 2022					
	Background	Magnesium	Aluminum	Aluminum+Fe				
Window 1	1154.2	10019.5	3137.9	2795.6				cps
Window 2	1054.4	8597.6	2733.4	2469.5				cps
Window 3	902.3	5241.4	1832.1	1719.3				cps
Window 4	251.9	261.1	255.8	252.9				cps
Long Space	0.0	7543.2	1679.0	1415.0				cps
Short Space	4.4	2049.3	1321.7	1116.8				cps
Rho		1.7100	2.5900	0.0000				g/cc
Pe		2.0000	2.7500	5.7900				
Rib Angle	: 43.7	Rib Slope	: 0.957	Density/Spine Ratio			: 0.562	
Spine Angle	: 73.7	Spine Slope	: 3.426	Spine Intercept			: -17.2	

Before Survey Verification			Performed Wed Dec 31 18:00:00 1969					
Window 1	0.0	0.0	0.0	0.0				cps
Window 2	0.0	0.0	0.0	0.0				cps
Window 3	0.0	0.0	0.0	0.0				cps
Window 4	0.0	0.0	0.0	0.0				cps
Long Space	0.0	0.0	0.0	0.0				cps
Short Space	0.0	0.0	0.0	0.0				cps
Measured Rho		0.0000	0.0000	0.0000				g/cc
Measured Correction		0.0000	0.0000	0.0000				g/cc
Measured Pe			0.0000	0.0000				

After Survey Verification			Performed Wed Dec 31 18:00:00 1969					
Window 1	0.0	0.0	0.0	0.0				cps
Window 2	0.0	0.0	0.0	0.0				cps
Window 3	0.0	0.0	0.0	0.0				cps
Window 4	0.0	0.0	0.0	0.0				cps
Long Space	0.0	0.0	0.0	0.0				cps
Short Space	0.0	0.0	0.0	0.0				cps
Measured Rho		0.0000	0.0000	0.0000				g/cc
Measured Correction		0.0000	0.0000	0.0000				g/cc

Measured Correction:	0.0000	0.0000	0.0000	g/cc
Measured Pe		0.0000	0.0000	
Compensated Neutron Calibration Report				
Serial Number:		070808PMC		
Tool Model:		NABORS		
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:	Wed Mar 20 11:08:27 2024			
Calibrator Value:	1.0	GAPI		
Background Reading:	0.0	cps		
Calibrator Reading:	1.0	cps		
Sensitivity:	0.3000	GAPI/cps		