

COMPENSATED DENSITY / NEUTRON PE LOG

Company	BLUERIDGE PETROLEUM CORPORATION	Company	BLUERIDGE PETROLEUM CORPORATION
Well	VAVROCH FARMS #1-18	Well	VAVROCH FARMS #1-18
Field	WILDCAT	Field	WILDCAT
County	DECATUR	County	DECATUR
State	KANSAS	State	KANSAS
Location:	API # : 15-039-21252-0001 671' FNL & 2086' FWL NW - SE - NE - NW	Other Services DIL/MEL	
Permanent Datum	GROUND LEVEL	Elevation	2659
Log Measured From	KELLY BUSHING	Elevation	K.B. 2664 D.F. 2662 G.L. 2659
Drilling Measured From	KELLY BUSHING		
Date	5/27/21		
Run Number	ONE		
Depth Driller	4030		
Depth Logger	4028		
Bottom Logged Interval	4004		
Top Log Interval	3300		
Casing Driller	8 5/8" @ 241'		
Casing Logger	240		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 2,000 PPM	
Density / Viscosity	9.1/57		
pH / Fluid Loss	10.0/8.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.10 @ 90F		
Rmf @ Meas. Temp	.825 @ 90F		
Rmc @ Meas. Temp	1.32 @ 90F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.853 @ 116F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	1:00 P.M.		
Maximum Recorded Temperature	116F		
Equipment Number	922339		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	WYATT URBAN		

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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.

15-039-21252-0001

Comments

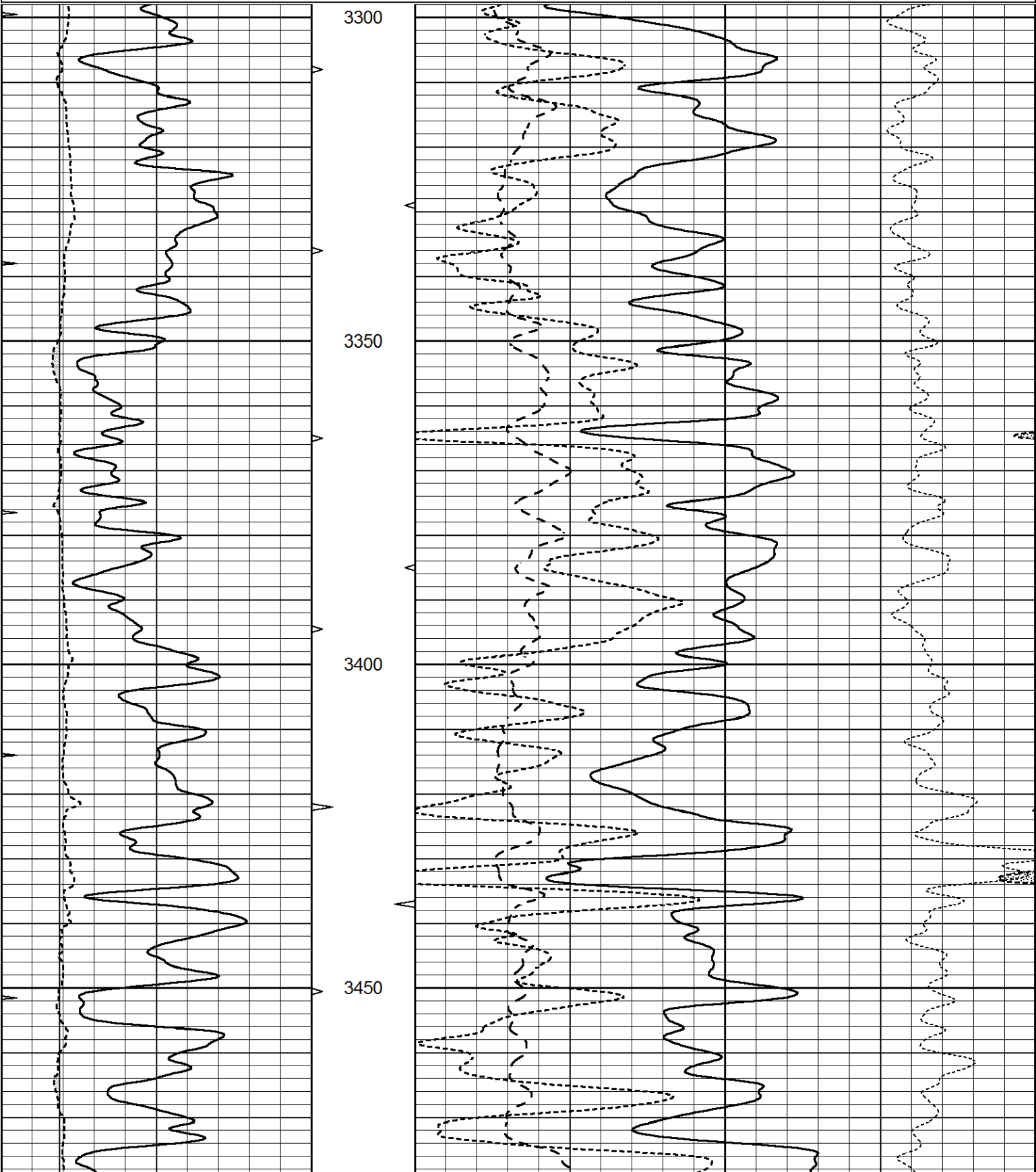
THANK YOU FOR USING ELI WIRELINE HAYS, KANSAS (785) 628-6395
DIRECTIONS
OBERLIN, KS. 7S. ON HWY 83 TO (CR 340 OR K AVE.) 6 1/2E., S. INTO

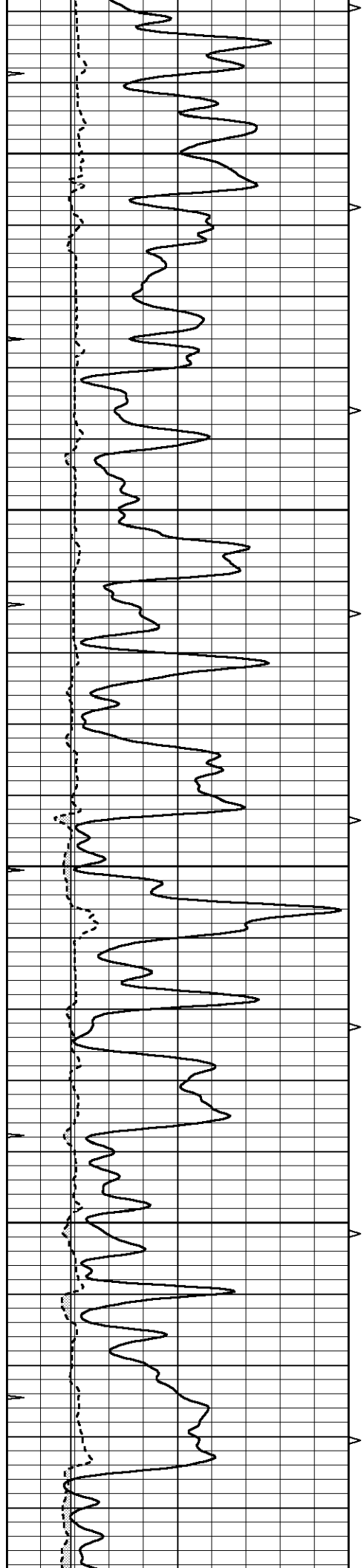


MAIN SECTION

Database File	5273pe.db
Dataset Pathname	pass4.1M
Presentation Format	ldt_neu
Dataset Creation	Thu May 27 14:16:15 2021
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	COMPENSATED NEUTRON (pu)	-10
0	MINMK	20	TBHV	0	PE	10 -0.25
			0 (ft3)	10	CORRECTION (g/cc)	0.25



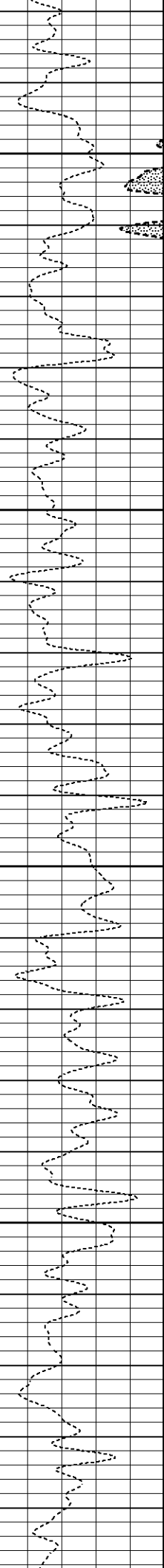
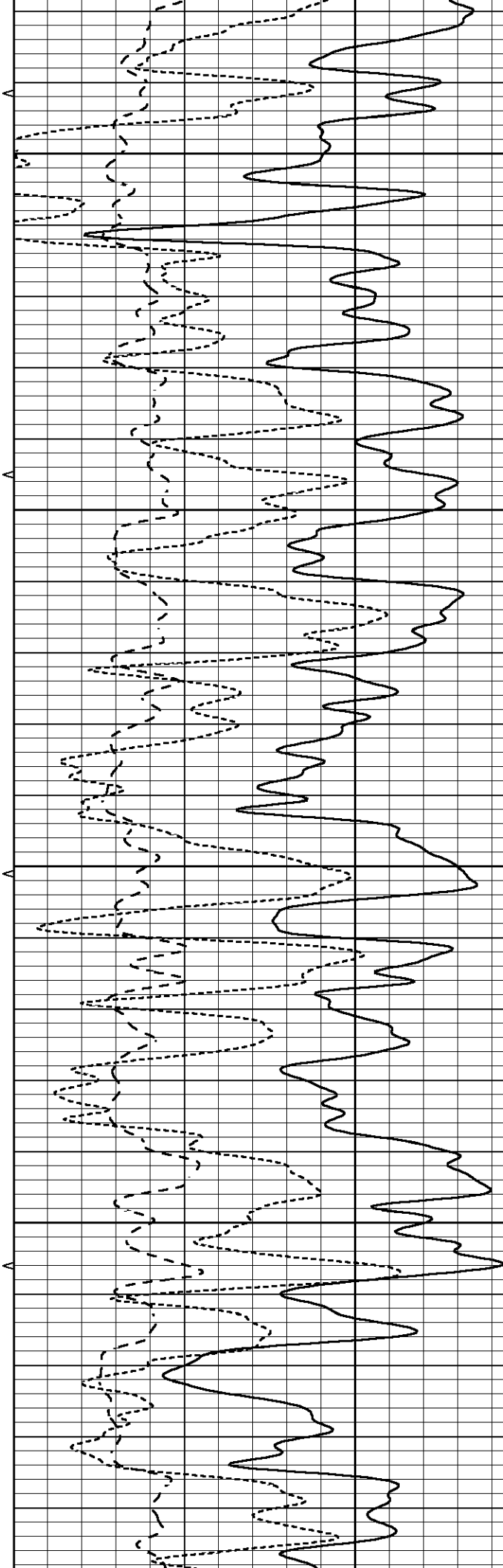


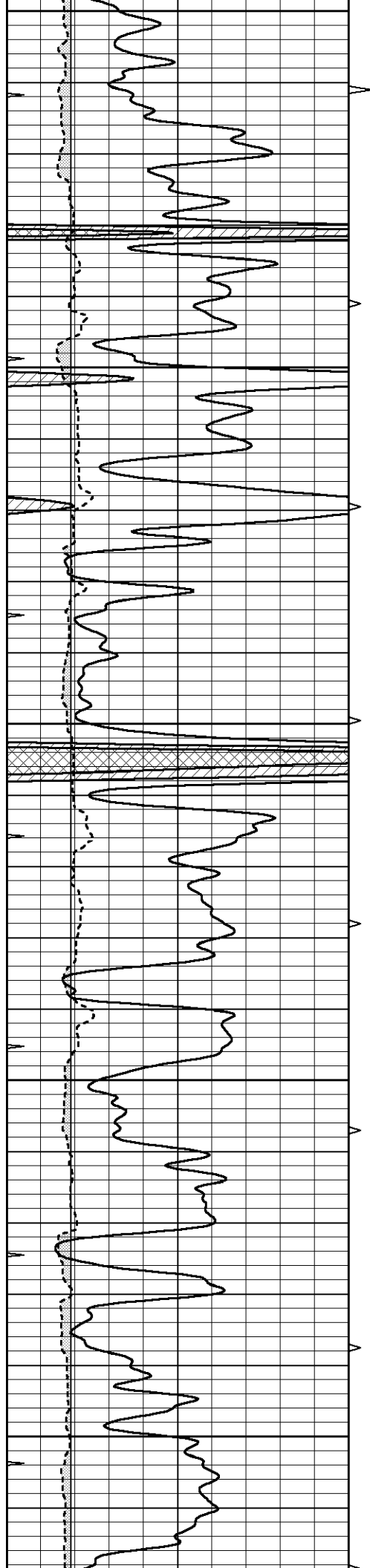
3500

3550

3600

3650





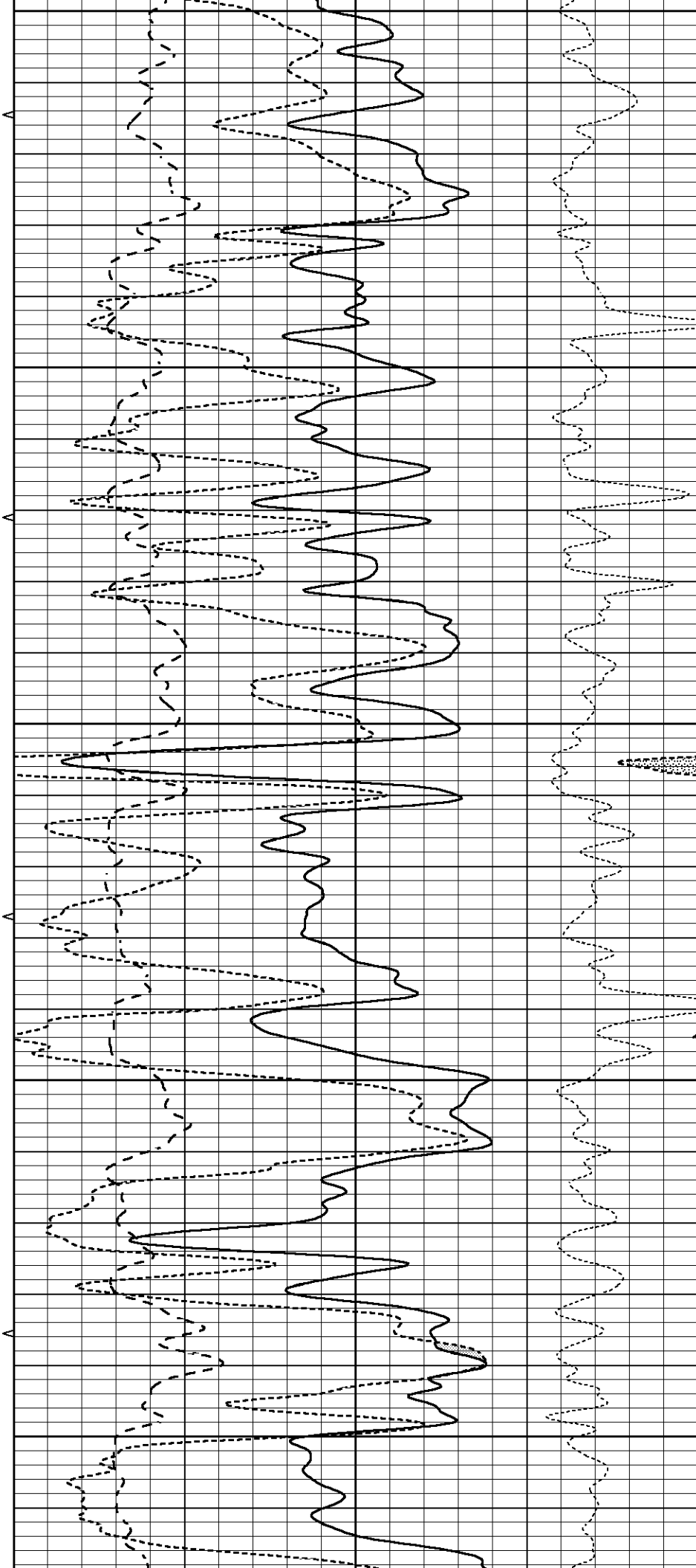
3700

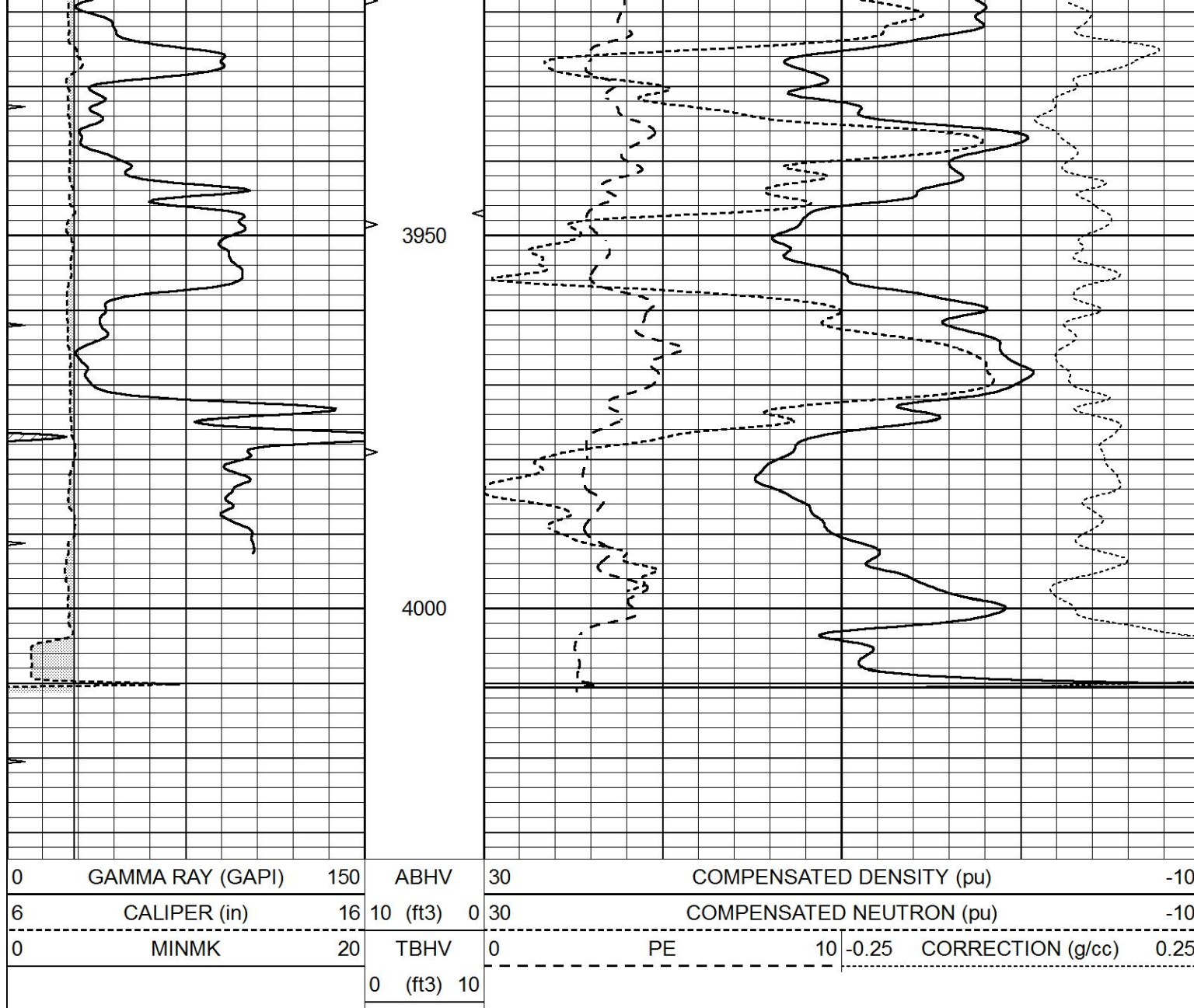
3750

3800

3850

3900

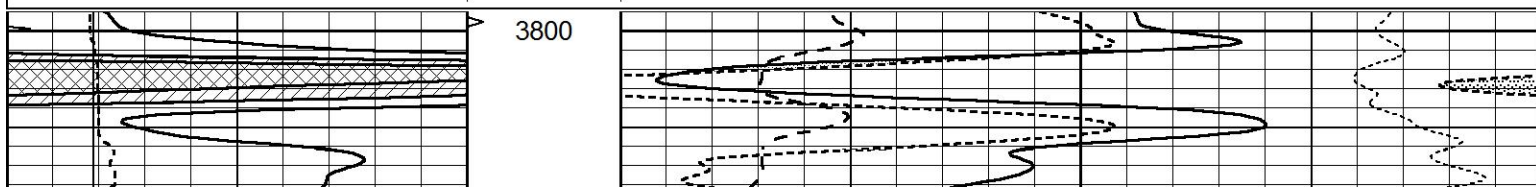


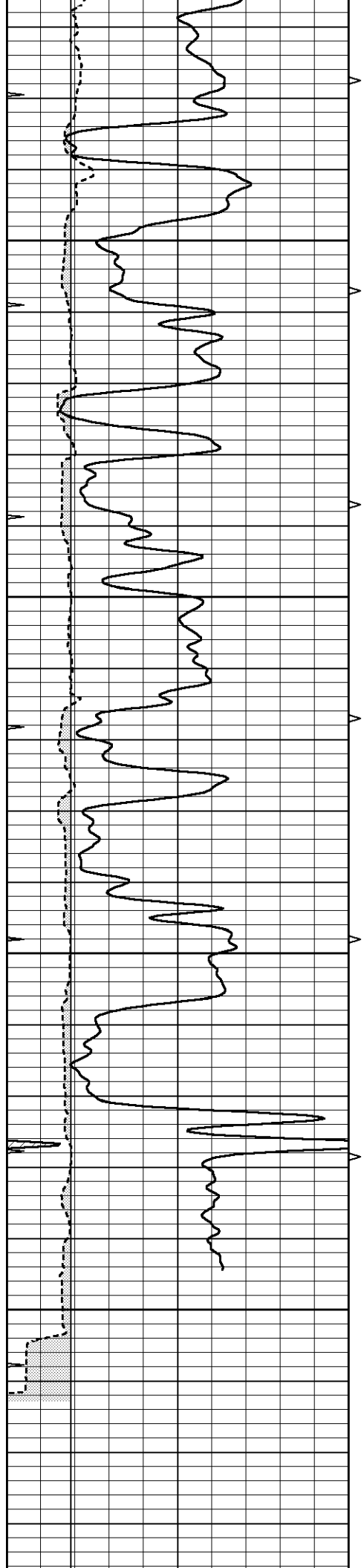


REPEAT SECTION

Database File 5273pe.db
 Dataset Pathname pass3.2R
 Presentation Format ldt_neu
 Dataset Creation Thu May 27 13:21:52 2021
 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	PE	10 -0.25 CORRECTION (g/cc) 0.25
			0 (ft3) 10			



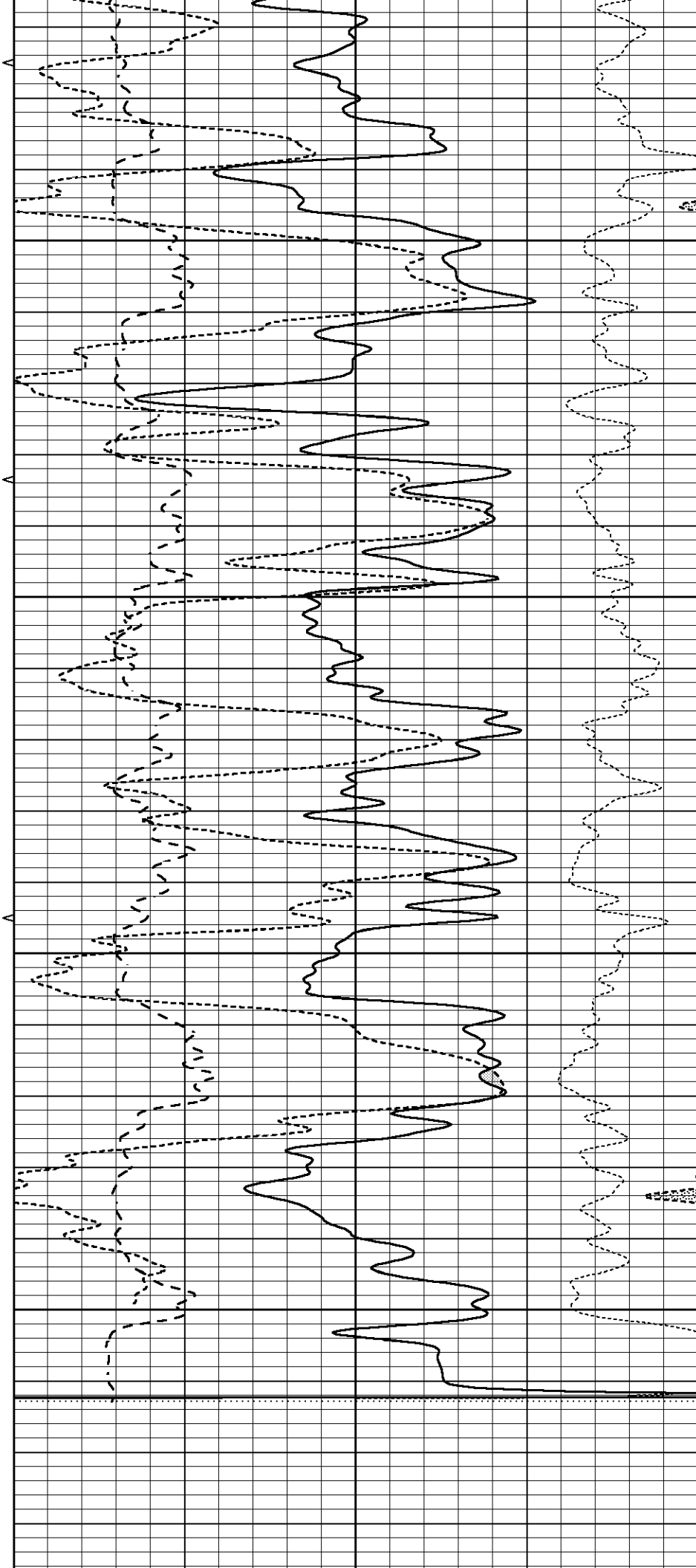


3850

3900

3950

4000



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	PE	10	-0.25	CORRECTION (g/cc)	0.25
			0 (ft3) 10						

Calibration Report									
Database File	5273pe.db								
Dataset Pathname	pass4.1M								
Dataset Creation	Thu May 27 14:16:15 2021								
Dual Induction Calibration Report									
Serial-Model:				PROBE9-DILG					
Surface Cal Performed:				Thu May 27 13:06:29 2021					
Downhole Cal Performed:				Wed Mar 11 11:31:19 2020					
After Survey Verification Performed:				Wed Mar 11 11:31:22 2020					
Surface Calibration									
Readings				References			Results		
Loop:	Air	Loop		Air	Loop		m	b	
Deep	-0.014	0.629	V	0.000	400.000	mmho/m	720.000	-16.000	
Medium	0.039	0.728	V	0.000	464.000	mmho/m	720.000	-35.000	
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'	
Deep	0.000	0.000	mmho/m	14.508	388.384	mmho/m	1.000	0.000	
Medium	0.000	0.000	mmho/m	166.367	504.400	mmho/m	1.000	0.000	
LL3		7.500	V		1400.000	Ohm-m			
		0.000	V		20.000	Ohm-m			
		-7.200	V		4000.000	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 May 18 11:02:48 2021				
	Background	Magnesium	Aluminum	Aluminum+Fe					
Window 1	1187.1	10004.0	3142.5	2810.8				cps	
Window 2	1084.9	8556.6	2749.3	2502.4				cps	
Window 3	923.1	5129.8	1819.8	1719.3				cps	
Window 4	263.5	263.6	259.7	262.8				cps	
Long Space	0.0	7471.7	1664.4	1417.5				cps	
Short Space	1.5	221.2	215.2	521.2					

Short Space	1.5	984.9	645.6	561.2	cps
Rho		1.7100	2.5900	0.0000	g/cc
Pe		2.0000	2.7500	5.7900	
Rib Angle	: 44.3	Rib Slope	: 0.976	Density/Spine Ratio	: 0.564
Spine Angle	: 74.3	Spine Slope	: 3.555	Spine Intercept	: -15.6
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 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:		Fri Apr 16 13:57:16 2021			
Calibrator Value:		1.0	GAPI		
Background Reading:		0.0	cps		
Calibrator Reading:		1.0	cps		

Sensitivity:

0.3000

GAPI/cps