



COMPENSATED DENSITY/NEUTRON LOG

Company	TRI UNITED, INC.	
Well	VINE #2	
Field	SOLOMON SOUTHEAST	
County	ELLIS	
State	KANSAS	
Location:	API # : 15-051-27101-0000	
Permanent Datum	GROUND LEVEL Elevation 2097	
Log Measured From	KELLY BUSHING 7' A.G.L	
Drilling Measured From	KELLY BUSHING	
SEC 35	TWP 11S	RGE 19W
DIL/MEL		
Elevation K.B. 2104 D.F. 2102 G.L. 2097		
Date	10/27/23	
Run Number	ONE	
Depth Driller	3654	
Depth Logger	3658	
Bottom Logged Interval	3630	
Top Log Interval	3000	
Casing Driller	8.625 @ 225	
Casing Logger	225	
Bit Size	7.875	
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 2.800 PPM
Density / Viscosity	9.3/52	
pH / Fluid Loss	10.5/5.8	
Source of Sample	FLOWLINE	
Rm @ Meas. Temp	1.20 @ 65F	
Rmf @ Meas. Temp	.900 @ 65F	
Rmc @ Meas. Temp	1.44 @ 65F	
Source of Rmf / Rmc	MEASUREMENT	
Rm @ BHT	.690 @ 113F	
Time Circulation Stopped	2 HOURS	
Time Logger on Bottom	7.45 P.M.	
Maximum Recorded Temperature	113F	
Equipment Number	3802	
Location	HAYS, KANSAS	
Recorded By	COLE ROBEN	
Witnessed By	LYLE HERRMAN	EUGENE LEIKER

<<< Fold Here >>>

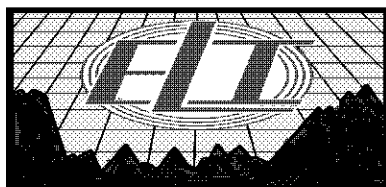
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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 SERVICES, HAYS, KS. (785) 628-6395

DIRECTIONS:

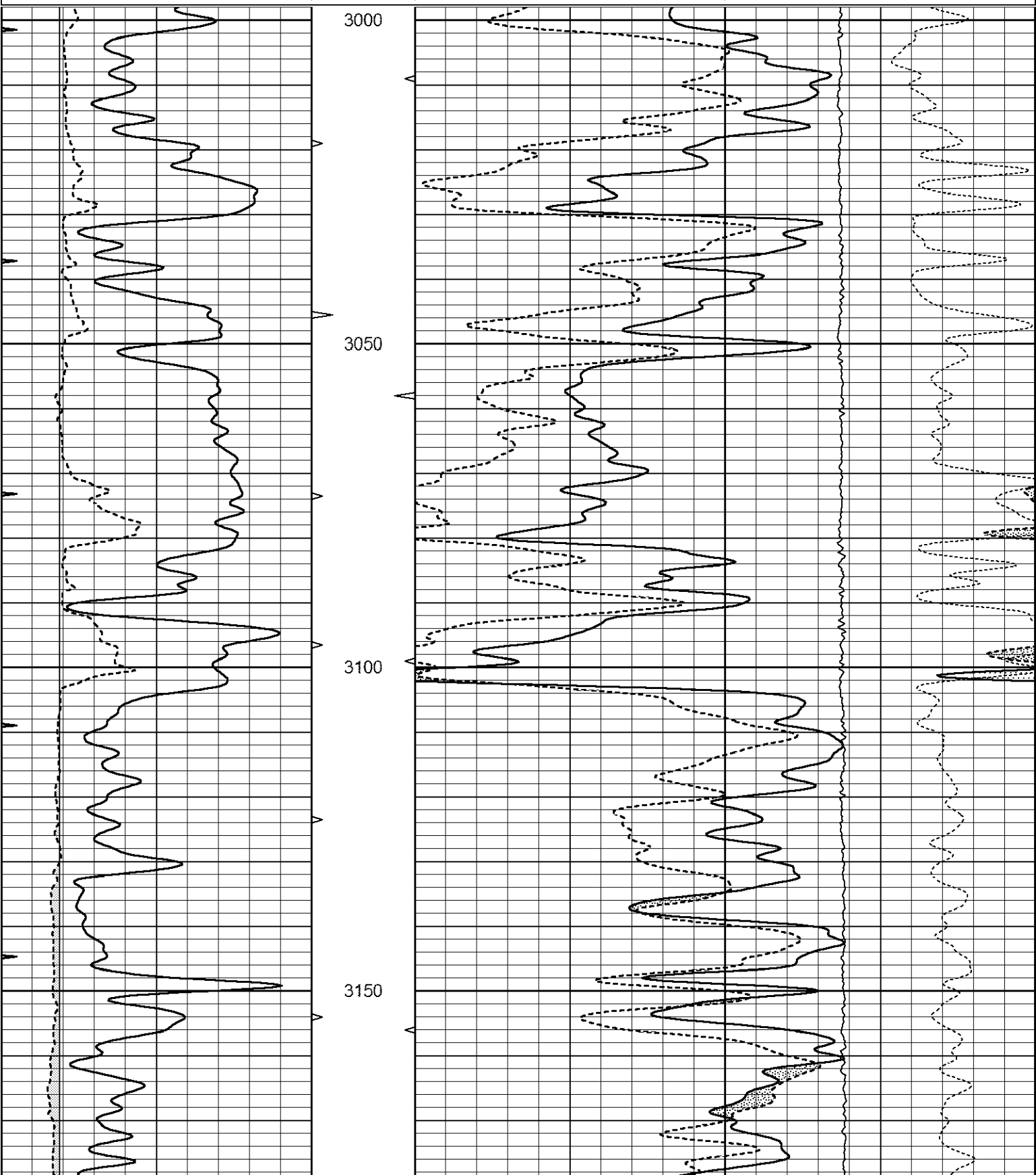
FROM HAYS, KANSAS GO NORTH ON HIGHWAY 183 TO BUCKEYE ROAD, WEST TO ROAD HYACIN
NORTH 3 1/2 MILES, WEST INTO

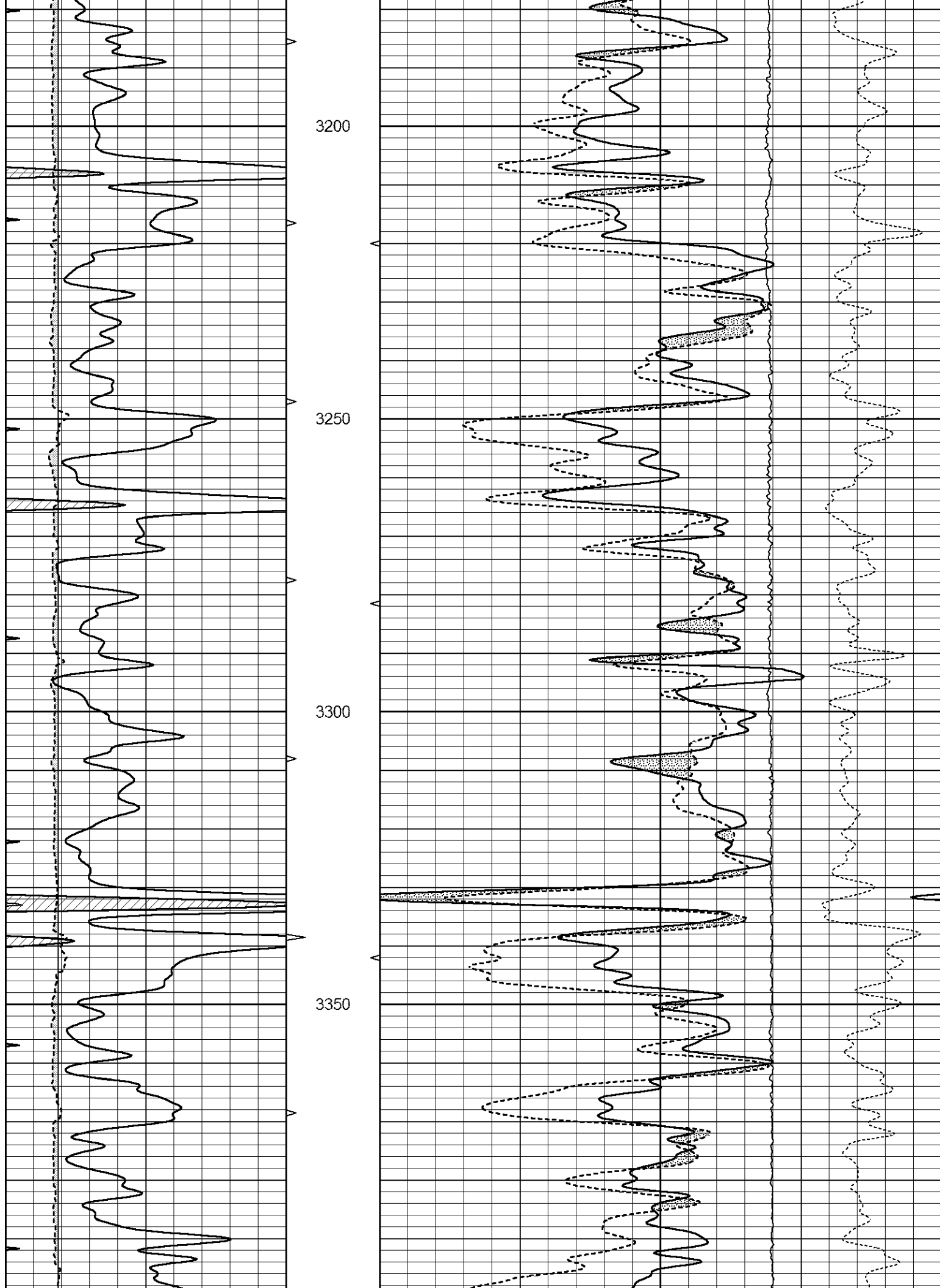


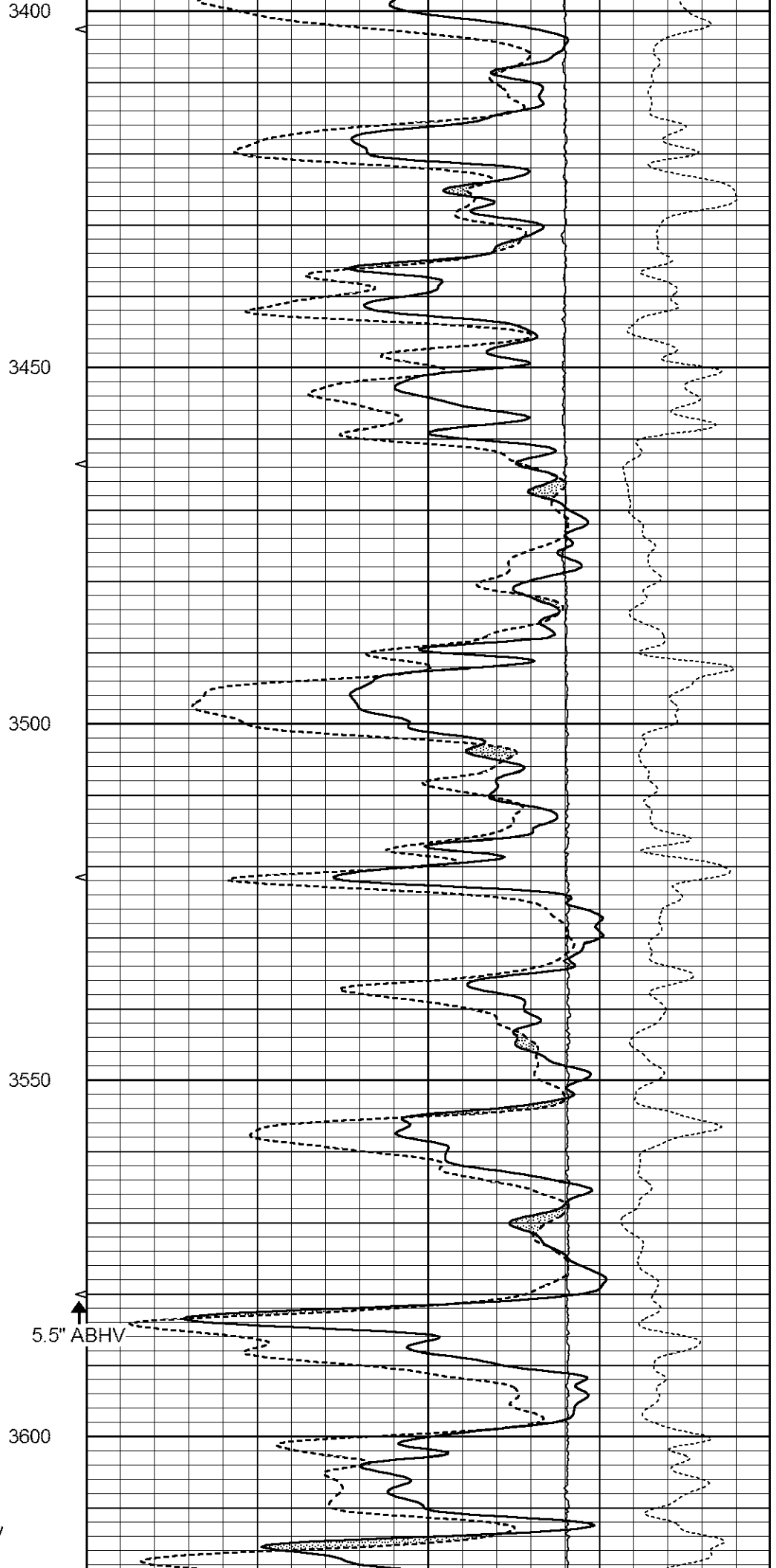
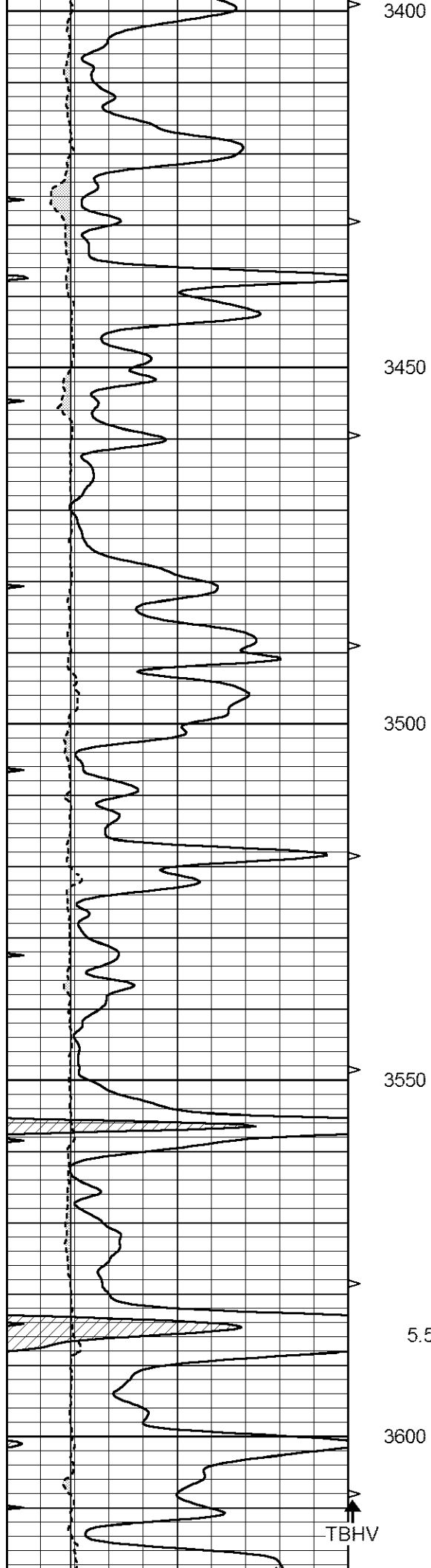
MAIN SECTION

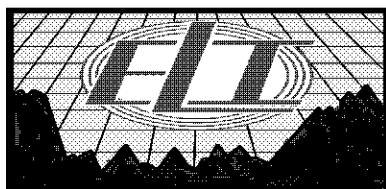
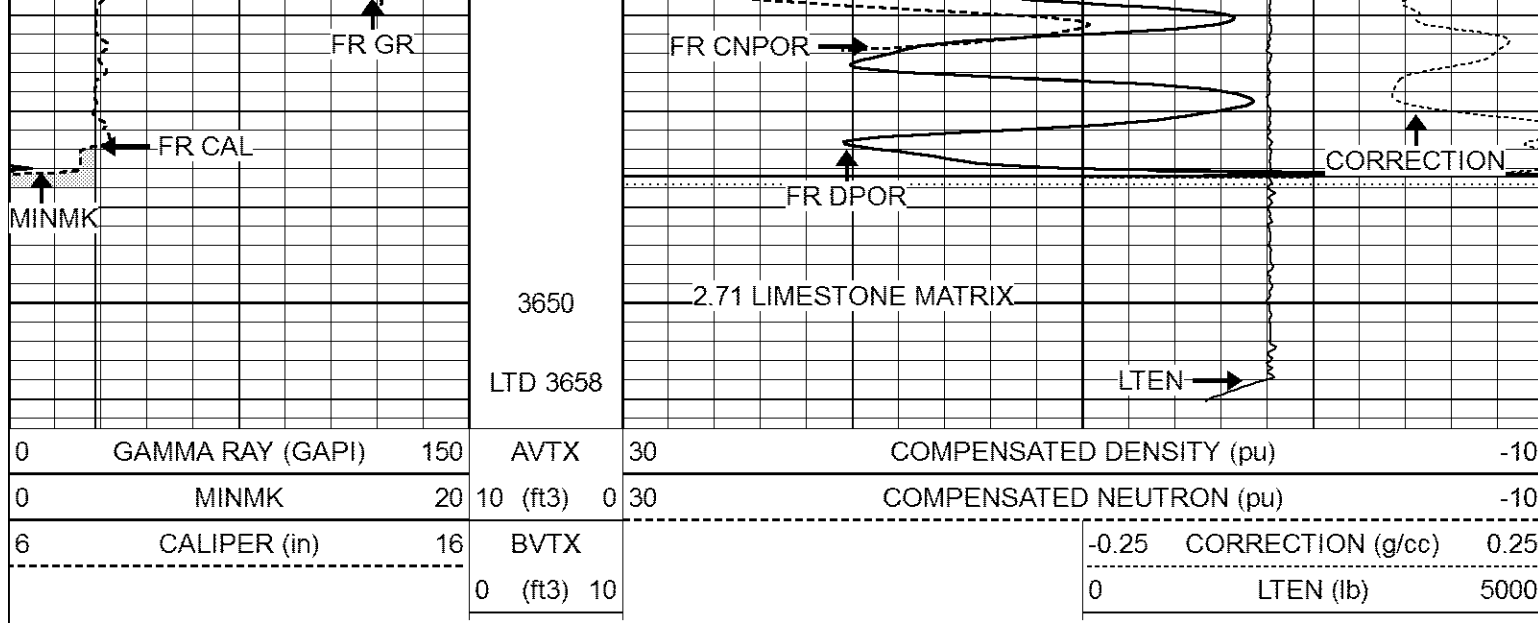
Database File	7788ddn.db
Dataset Pathname	pass4D
Presentation Format	_den_neu
Dataset Creation	Fri Oct 27 20:32:14 2023
Charted by	Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	AVTX	30	COMPENSATED DENSITY (pu)	-10
0	MINMK	20	10 (ft3) 0	30	COMPENSATED NEUTRON (pu)	-10
6	CALIPER (in)	16	BVTX		-0.25 CORRECTION (g/cc)	0.25
			0 (ft3) 10		0 LTEN (lb)	5000





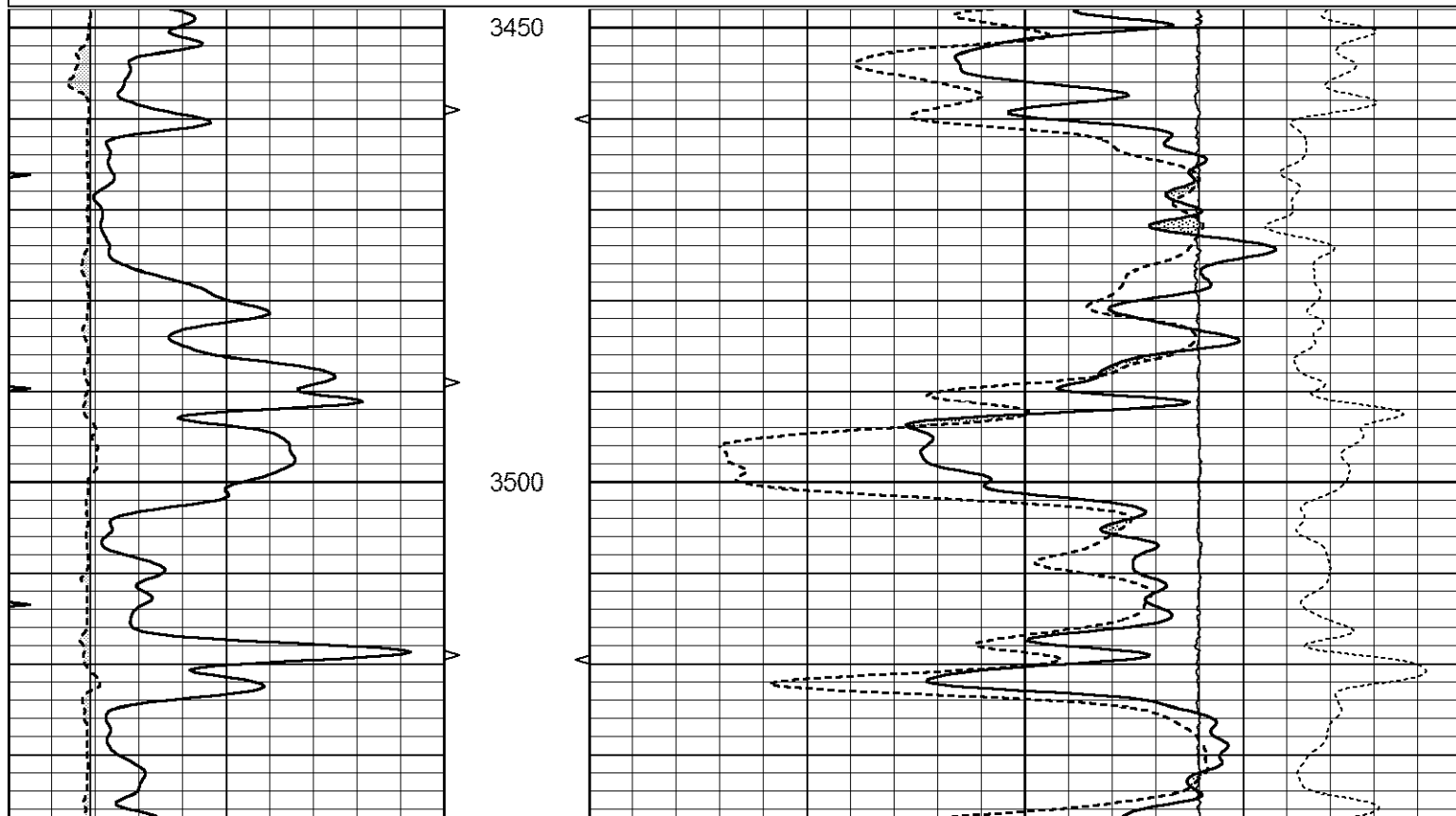


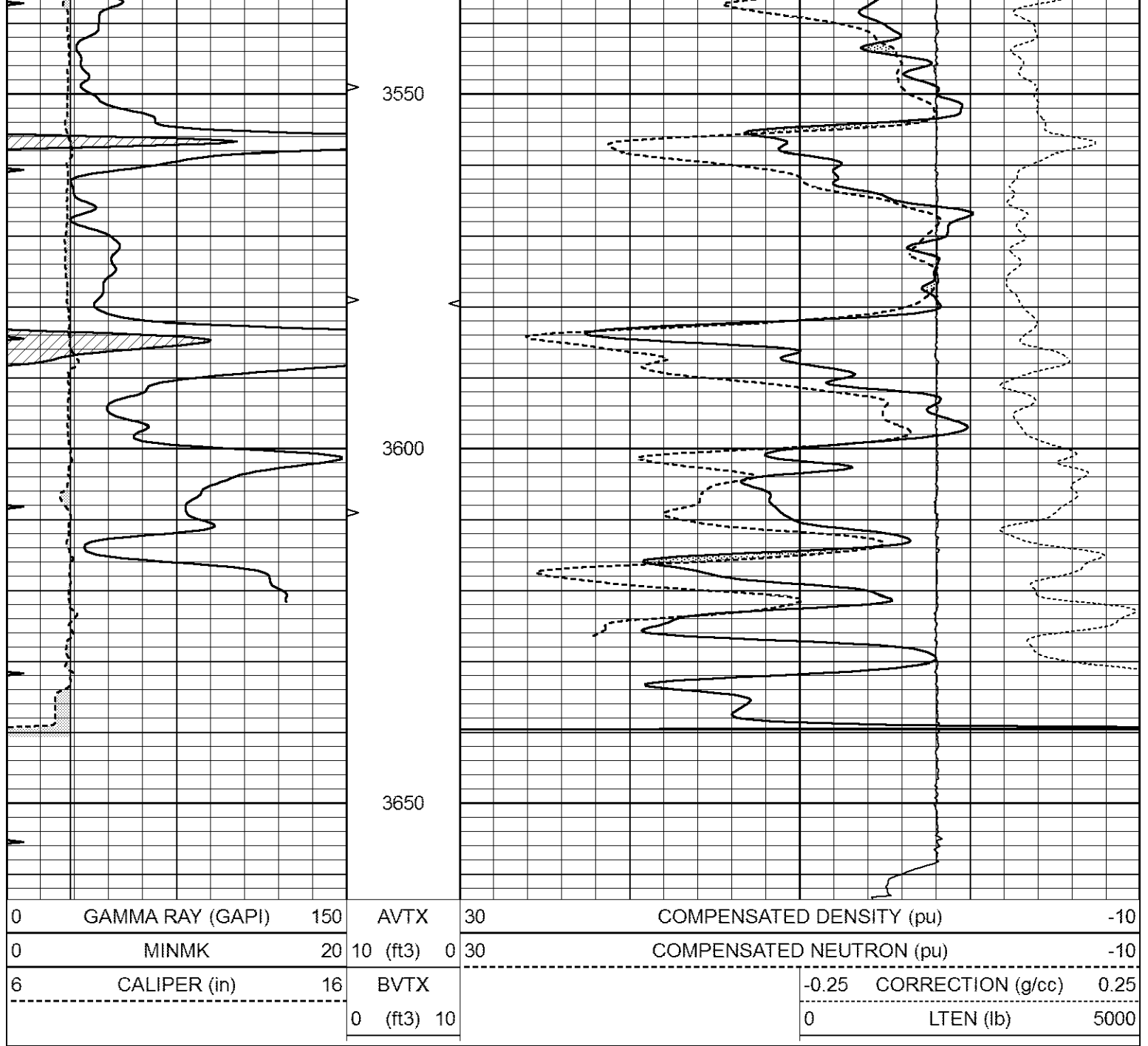


REPEAT SECTION

Database File 7788ddn.db
 Dataset Pathname pass3R
 Presentation Format _den_neu
 Dataset Creation Fri Oct 27 20:19:34 2023
 Charted by Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	AVTX	30	COMPENSATED DENSITY (pu)	-10
0	MINMK	20	10 (ft3) 0	30	COMPENSATED NEUTRON (pu)	-10
6	CALIPER (in)	16	BVTX		-0.25 CORRECTION (g/cc)	0.25
			0 (ft3) 10		0 LTEN (lb)	5000





Calibration Report								
Database File	7788ddn.db							
Dataset Pathname	pass4D							
Dataset Creation	Fri Oct 27 20:32:14 2023							
Dual Induction Calibration Report								
Serial-Model:			FW1410-55-Probe					
Surface Cal Performed:			Sat Jul 29 01:57:42 2023					
Downhole Cal Performed:			Tue Feb 19 11:44:24 2019					
After Survey Verification Performed:			Tue Feb 19 11:44:27 2019					
Surface Calibration								
Readings				References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.011	0.656	V	1.000	400.000	mmho/m	565.000	-11.000
Medium	-0.000	0.731	V	1.000	464.000	mmho/m	530.000	-10.000
Internal	Zero	Cal		Zero	Cal		Zero	Cal

Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.007	0.649	V	0.000	400.000	mmho/m	623.784	-4.595
Medium	0.004	0.743	V	0.000	464.000	mmho/m	627.284	-2.251
Downhole Calibration								
	Readings			References			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	-0.824	395.917	mmho/m	-0.976	397.550	mmho/m	1.004	-0.149
Medium	3.565	471.327	mmho/m	3.468	471.590	mmho/m	1.001	-0.099
LL3		7.503	V		1500.000	Ohm-m		
		0.001	V		20.000	Ohm-m		
		-7.481	V		3745.000	mmho-m		
After Survey Verification								
	Readings			Targets			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	-0.824	395.917	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	3.565	471.327	mmho/m	1.000	0.000
LL3		0.000	Ohm-m		1500.000	Ohm-m		
		0.000	Ohm-m		20.000	Ohm-m		
		0.000	mmho-m		3745.000	mmho-m		
Litho Density Calibration Report Serial: 003 Model: PRB								
Master Calibration			Performed Mon May 22 11:42:10 2023					
	Background	Magnesium		Aluminum	Aluminum+Fe			
Window 1	1512.3	7465.7		2749.0	2519.6			cps
Window 2	1398.8	6705.7		2507.3	2313.8			cps
Window 3	1289.2	5259.5		2124.1	2009.6			cps
Window 4	351.1	351.6		351.8	353.2			cps
Long Space	0.0	5306.9		1108.5	915.0			cps
Short Space	3.3	2239.9		1441.2	1212.0			cps
Rho		1.7100		2.5900	0.0000			g/cc
Pe		2.0000		2.7500	5.7900			
Rib Angle	: 44.3	Rib Slope	: 0.975	Density/Spine Ratio			: 0.541	
Spine Angle	: 74.3	Spine Slope	: 3.551	Spine Intercept			: -18.8	
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:	080621PMC		
		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:	46001				
Tool Model:	Probe1				
Performed:	Thu Apr 20 09:55:57 2023				
Calibrator Value:	1.0	GAPI			
Background Reading:	0.0	cps			
Calibrator Reading:	1.0	cps			
Sensitivity:	0.4300	GAPI/cps			