

COMPENSATED DENSITY/NEUTRON LOG

Company	MUSTANG ENERGY CORPORATION	Company	MUSTANG ENERGY CORPORATION
Well	LEINMILLER #4	Well	LEINMILLER #4
Field	LEINMILLER	Field	LEINMILLER
County	ELLIS	County	ELLIS
State	KANSAS	State	KANSAS
Location:	API # : 15-051-27061-0000 1070' FNL & 1770' FWL SE - SW - NE - NW	Other Services DIL/MEL	
Permanent Datum	SEC 2 TWP 12S RGE 19W	Elevation	
Log Measured From	GROUND LEVEL Elevation 2165 KELLY BUSHING 8' A.G.L	K.B. 2173 D.F. 2171 G.L. 2165	
Drilling Measured From	KELLY BUSHING		
Date	10/29/22		
Run Number	ONE		
Depth Driller	3800		
Depth Logger	3801		
Bottom Logged Interval	3777		
Top Log Interval	3100		
Casing Driller	8 5/8" @ 266		
Casing Logger	266		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 6.000 PPM	
Density / Viscosity	9.0/65		
pH / Fluid Loss	8.5/7.2		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.10 @ 80F		
Rmf @ Meas. Temp	.825 @ 80F		
Rmc @ Meas. Temp	1.32 @ 80F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.772 @ 114F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	12:00 P.M.		
Maximum Recorded Temperature	114F		
Equipment Number	3802		
Location	HAYS, KANSAS		
Recorded By	COLE ROBEN		
Witnessed By	CAMERON BRIN		

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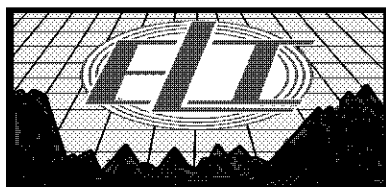
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395

DIRECTIONS:

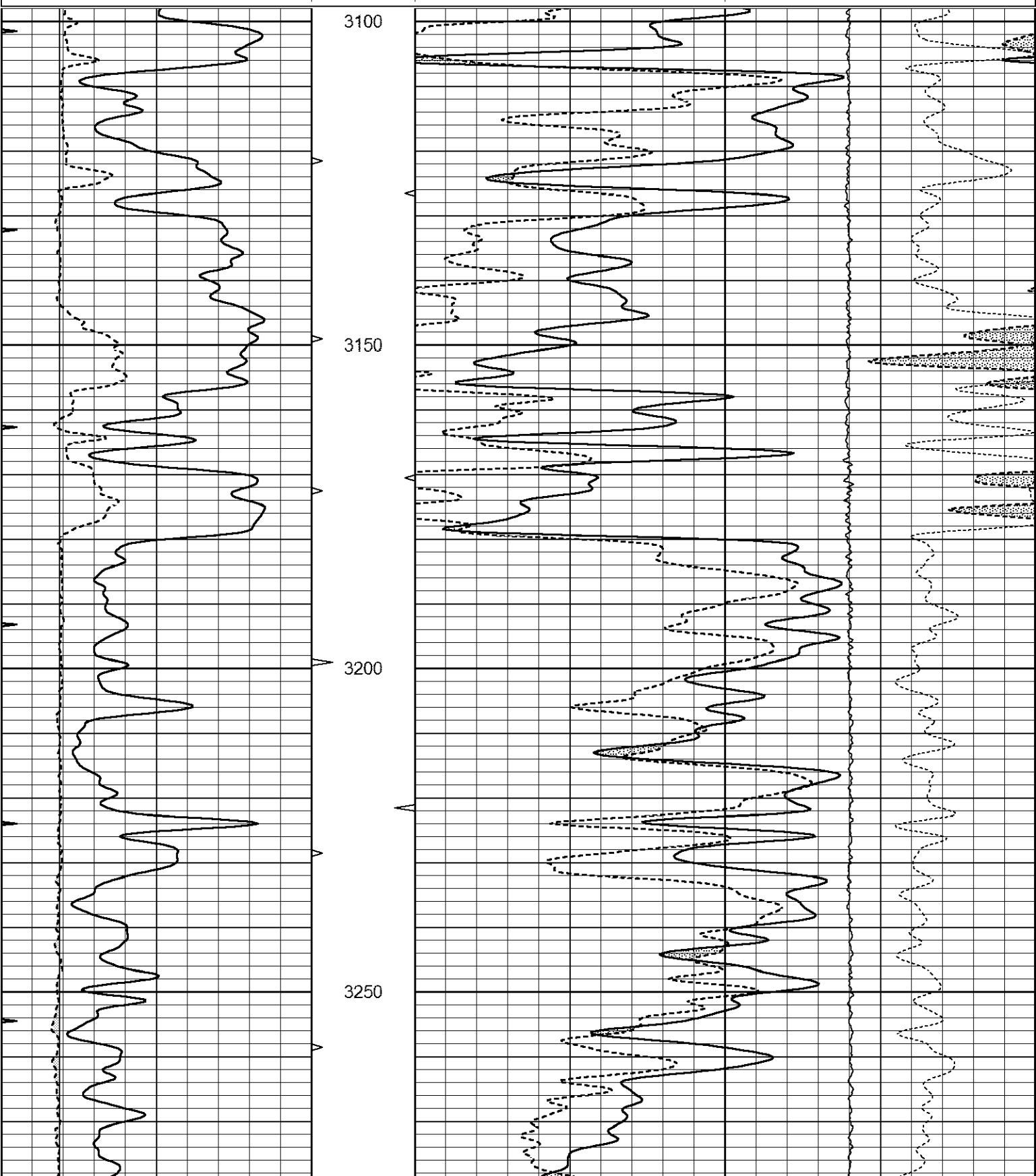
FROM YOCEMENTO/I70 GO 8 1/2 MILES NORTH TO HOMESTEAD ROAD, EAST 1 1/4 MILES,
SOUTH INTO

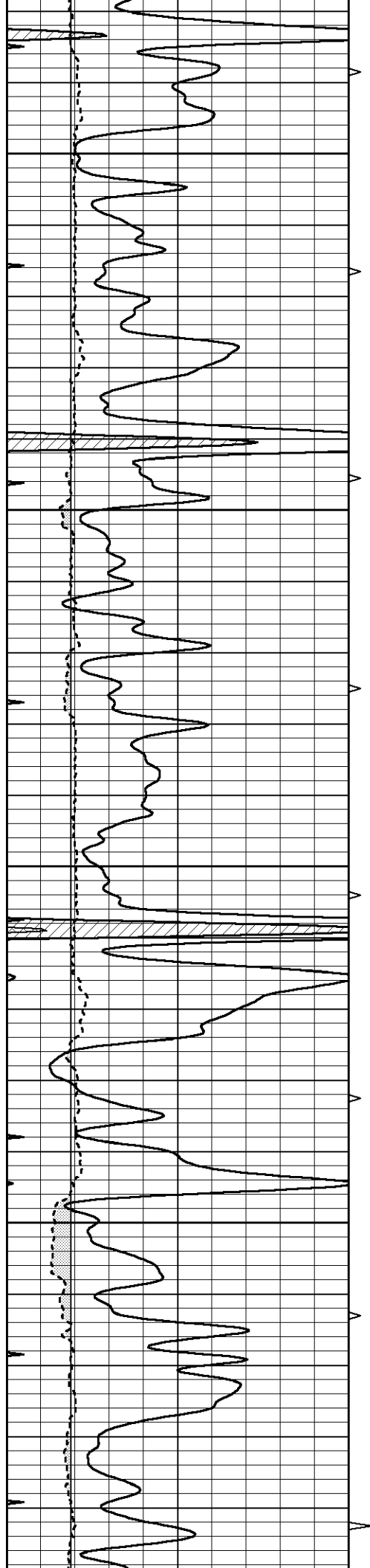


MAIN SECTION

Database File	7242ddn.db
Dataset Pathname	pass3D
Presentation Format	_den_neu
Dataset Creation	Sat Oct 29 13:00:15 2022
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



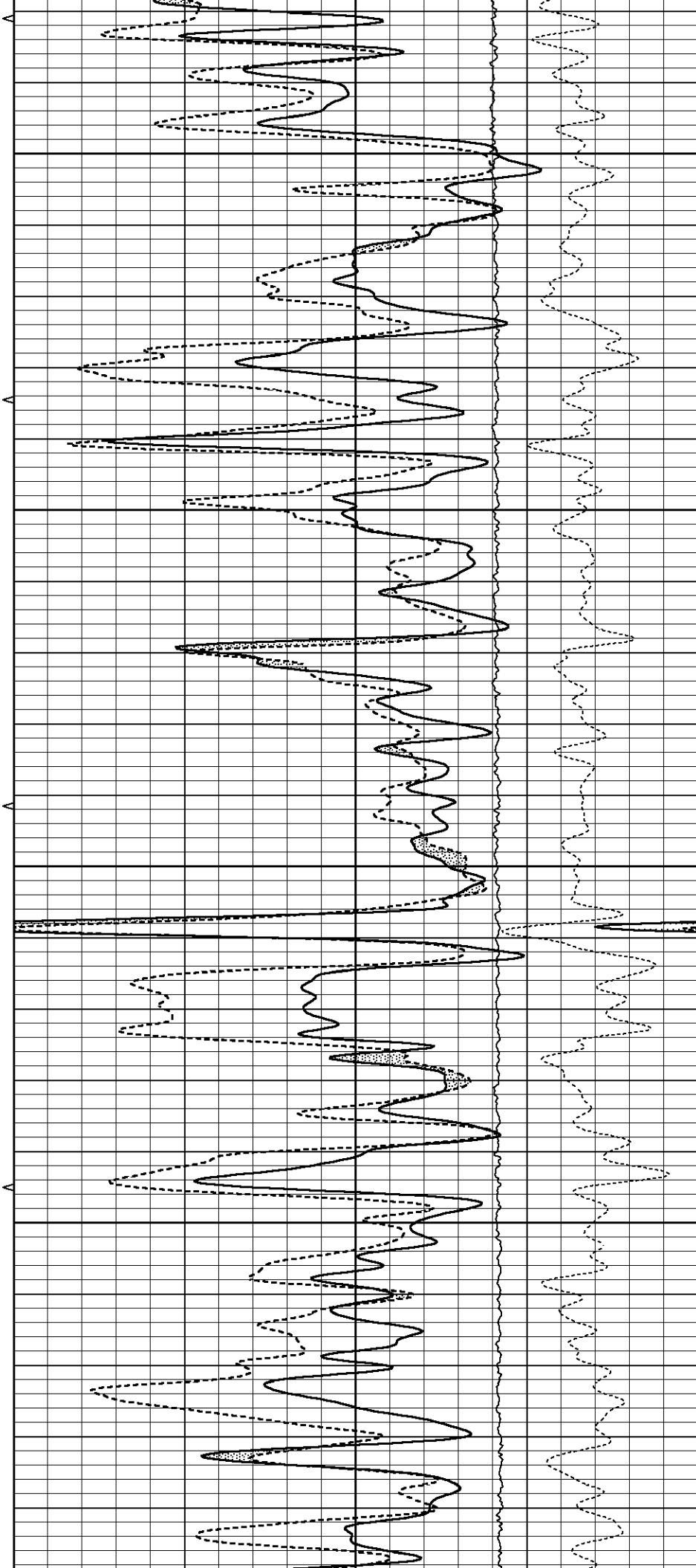


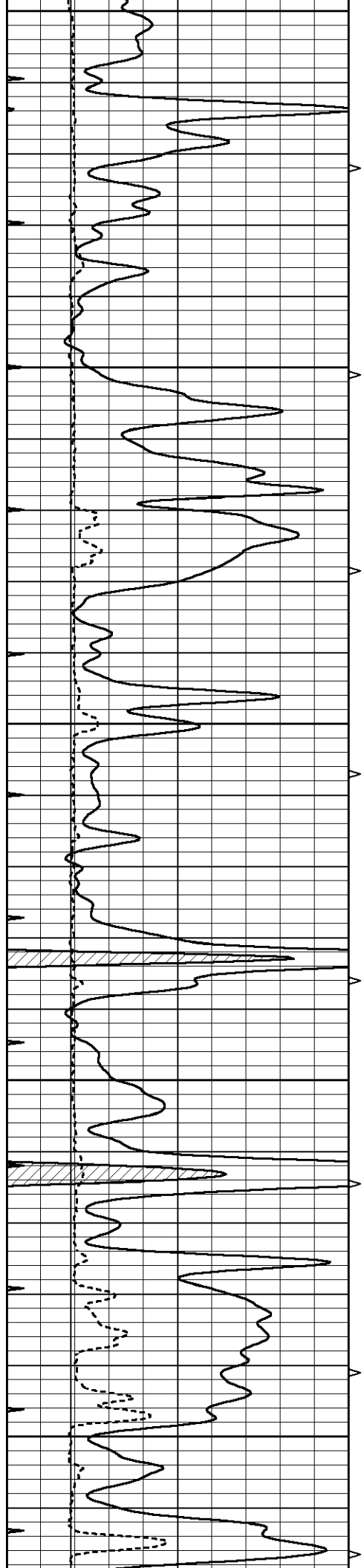
3300

3350

3400

3450





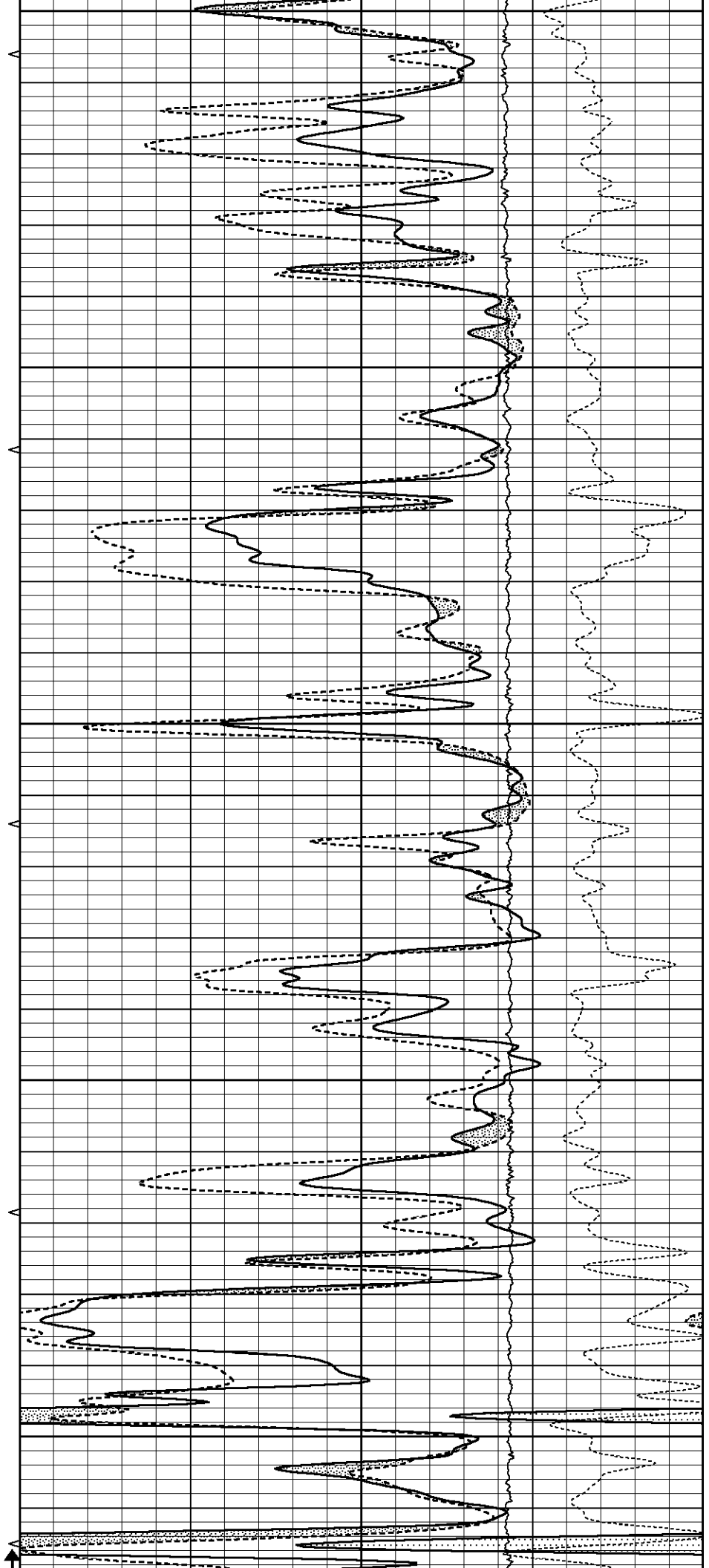
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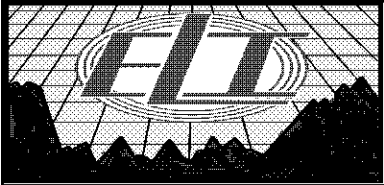
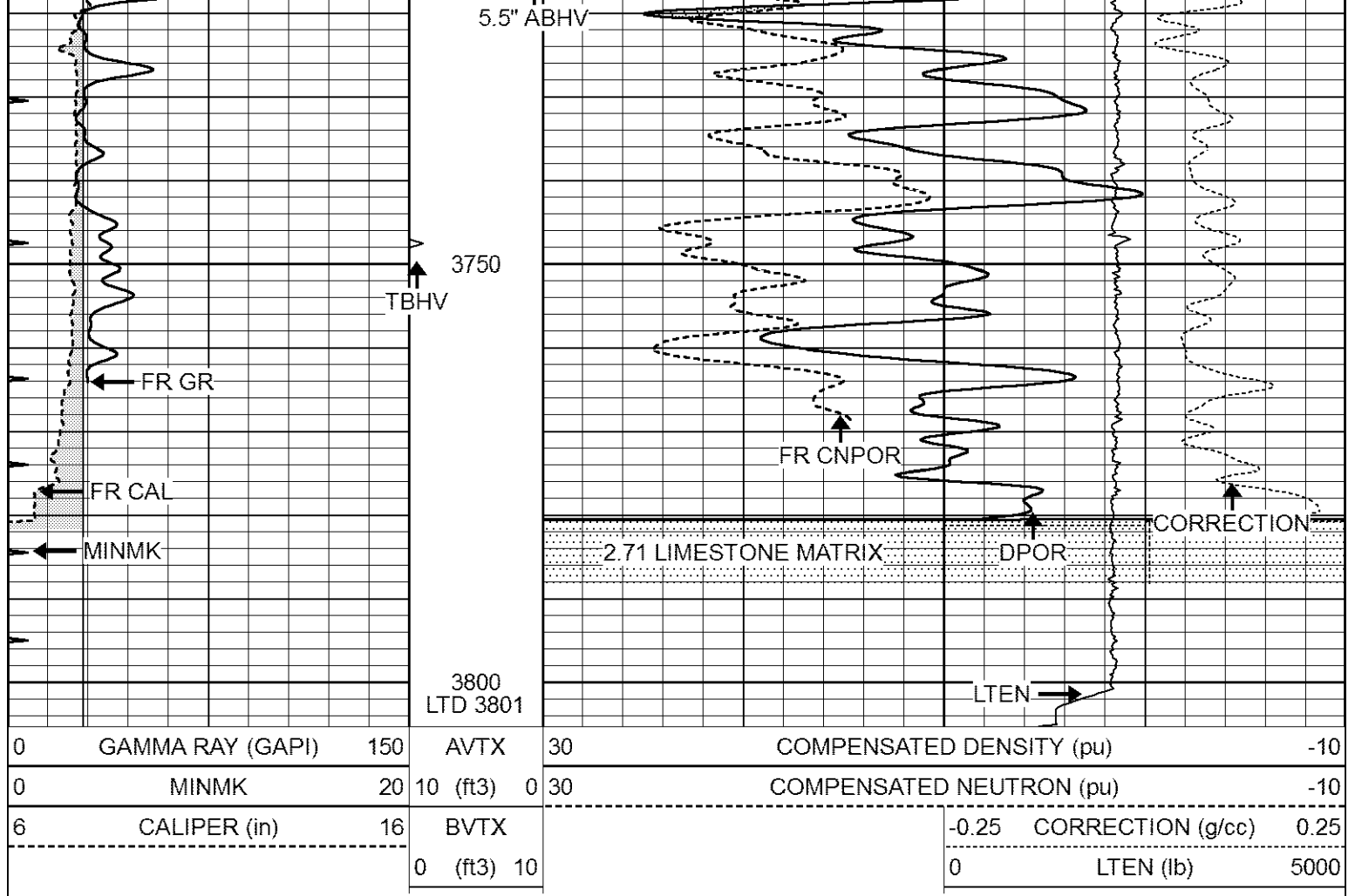
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3600

3650

3700

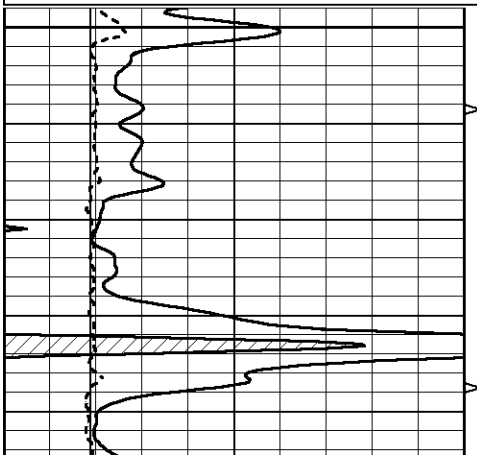




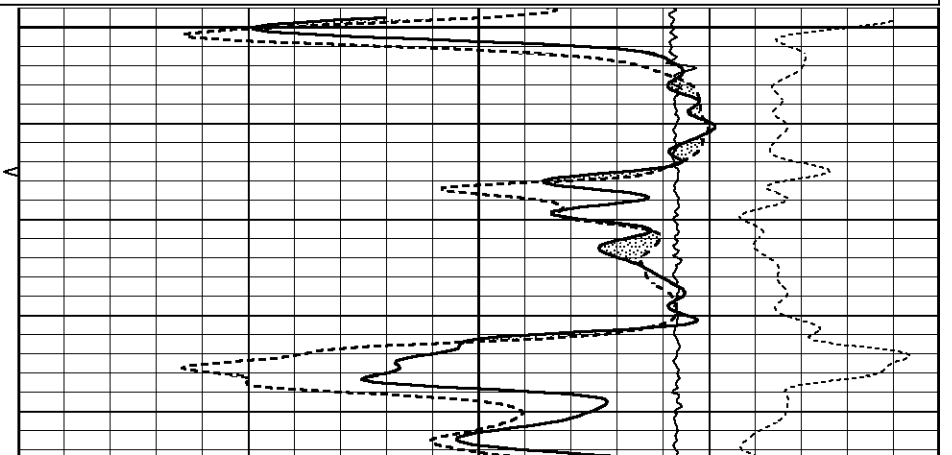
2.71 LIMESTONE REPEAT

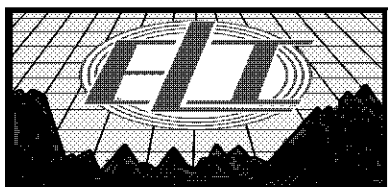
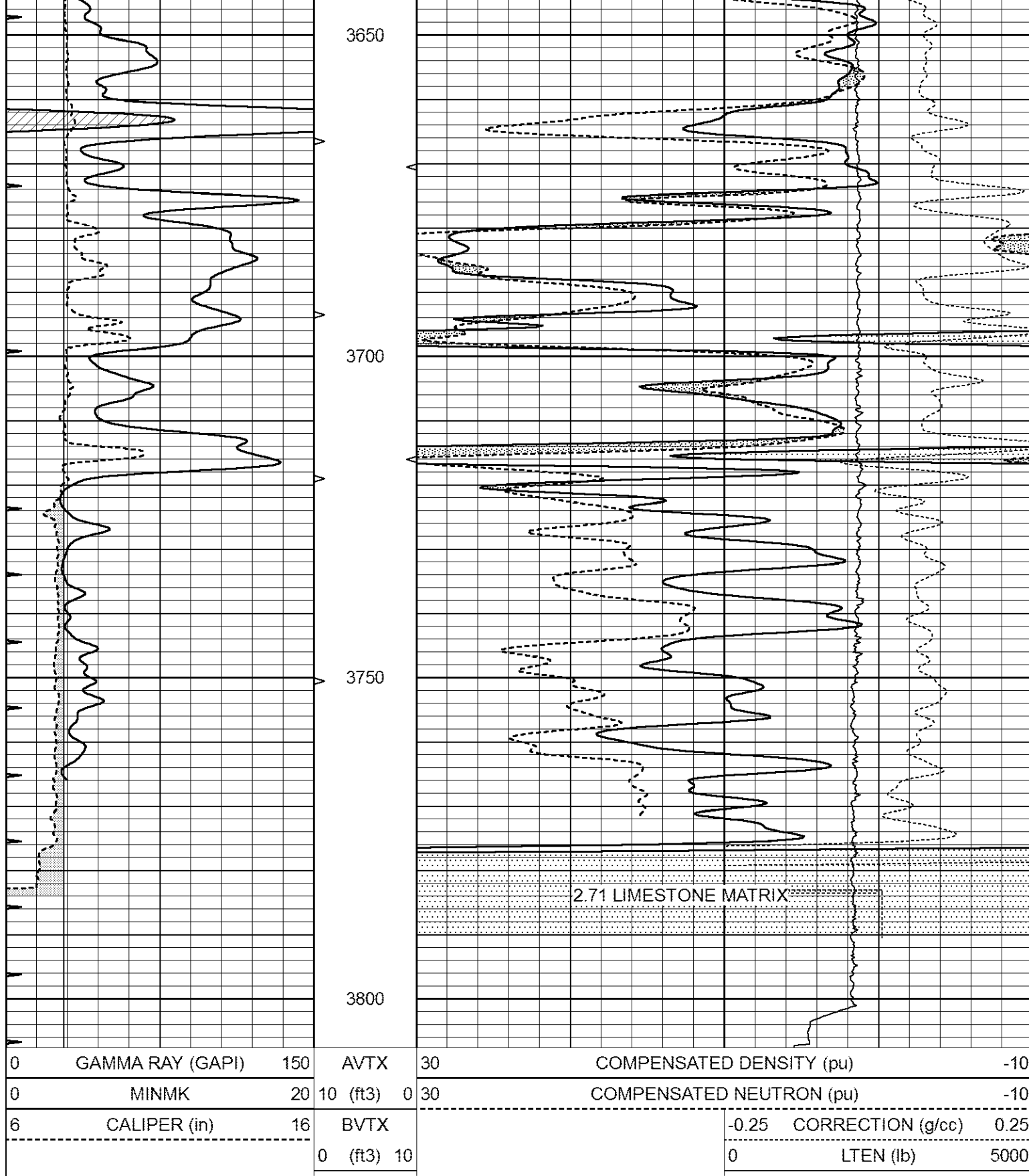
Database File 7242ddn.db
 Dataset Pathname pass2R
 Presentation Format _den_neu
 Dataset Creation Sat Oct 29 13:04:39 2022
 Charted by Depth in Feet scaled 1:240

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



3600

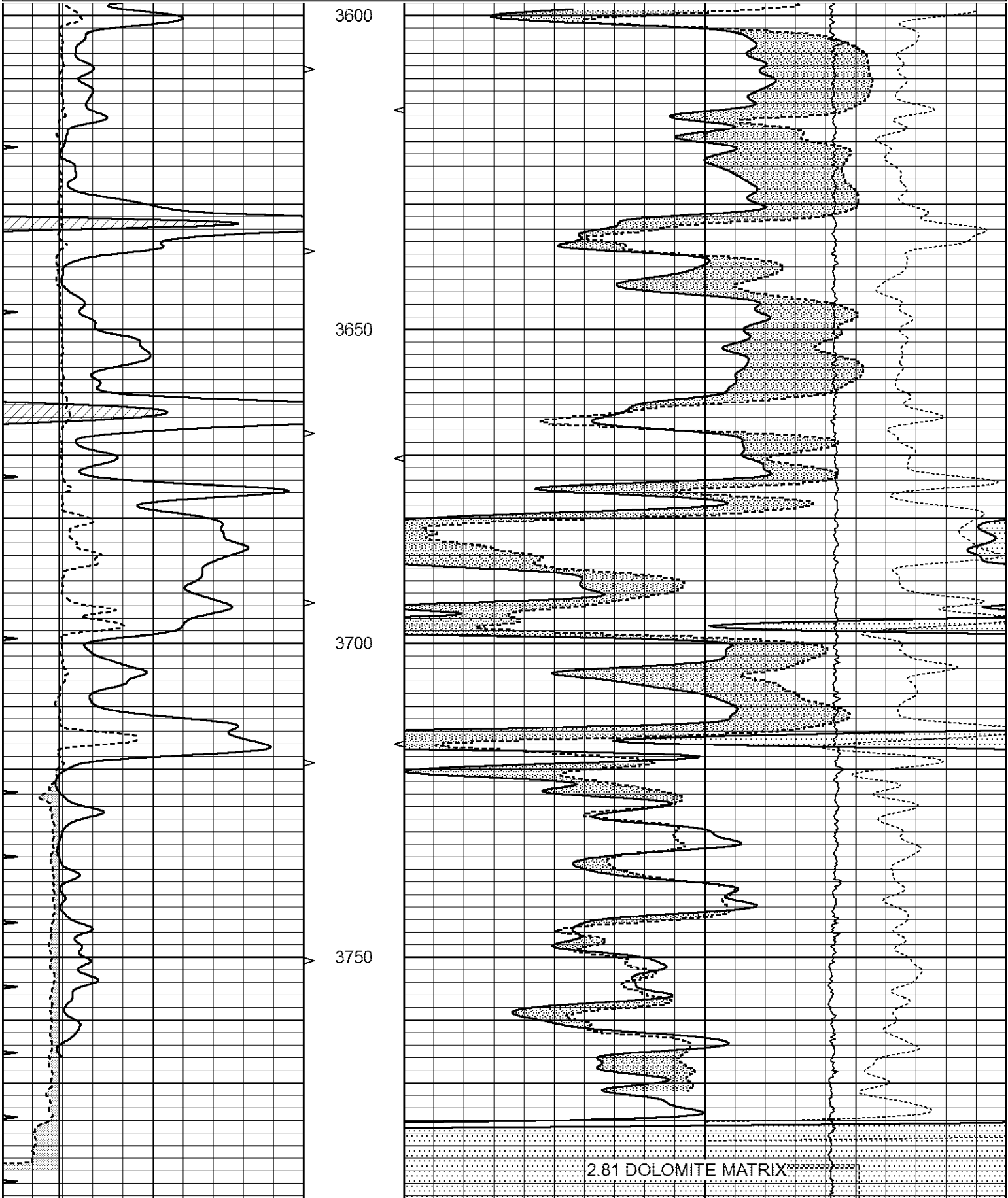




2.81 DOLOMITE REPEAT

Database File 7242ddn.db
Dataset Pathname pass2DR
Presentation Format _den_neu

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



Master Calibration	Performed: Tue Oct 25 14:02:07 2022
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	Background	Aluminum	Magnesium		
Window 1	501.98	5377.33	23235.87	cps	
Window 2	38.66	1167.13	5462.52	cps	
Window 4	219.95	1265.38	5296.65	cps	
Window 5	535.47	7345.58	14269.59	cps	
Window 6	42.48	1172.64	2113.12	cps	
Window 8	252.82	2368.74	4743.90	cps	
Bulk Density	-	2.6020	1.6830	g/cc	
Pe	-	3.0000	2.5070	b/e	
LS Alpha:	: -1.8018	SS Alpha:	: -0.8503	LS CPE:	: 1.2527
LS Beta:	: 116585.8005	SS Beta:	: 19984.2984	SS CPE:	: 1.5732

Before Survey Background Counts Verification			Performed: Wed Dec 31 18:00:00 1969	
Window 1	0.00	cps		
Window 2	0.00	cps		
Window 4	0.00	cps		
Window 5	0.00	cps		
Window 6	0.00	cps		
Window 8	0.00	cps		

After Survey Background Counts Verification			Performed: Wed Dec 31 18:00:00 1969	
Window 1	0.00	cps		
Window 2	0.00	cps		
Window 4	0.00	cps		
Window 5	0.00	cps		
Window 6	0.00	cps		
Window 8	0.00	cps		

Lithodensity Caliper Calibration			Performed: Tue Oct 25 14:02:07 2022		
Results	Readings	References (in)			
Low	High	Low	High	Gain	Offset
9378.6	12243.0	8.0	14.0	0.0	-11.5

Before Survey Caliper Verification			Performed:		
	Reference	Reading			
	_____	_____			
Caliper (in)					

After Survey Caliper Verification			Performed:		
	Reference	Reading			
	_____	_____			
Caliper (in)					

Compensated Neutron Calibration Report					
Serial Number:			080621PMC		
Tool Model:			NABORS		

PRE-SURVEY VERIFICATION					
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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:	7		
Tool Model:	Probe1		
Performed:	Thu May 26 08:56:46 2022		
Calibrator Value:	1.0	GAPI	
Background Reading:	0.0	cps	
Calibrator Reading:	1.0	cps	
Sensitivity:	0.5500	GAPI/cps	