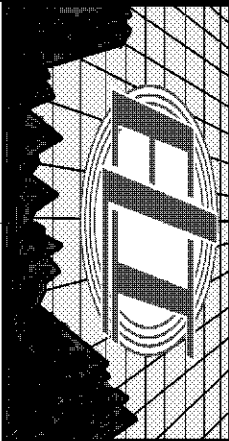


COMPENSATED DENSITY/NEUTRON LOG



Company DOWNING NELSON OIL COMPANY, INC.
Well SCHMIDT FAMILY #1-6
Field WILDCAT
County ELLIS State KANSAS

Location: API #: 15-051-26915-0000

2285' FNL & 970' FEL

SEC 6 TWP 15S RGE 18W

Permanent Datum GROUND LEVEL Elevation 2029
Log Measured From KELLY BUSHING 8' A.G.L.
Drilling Measured From KELLY BUSHING

Other Services
DIL/MEL
SONIC
Elevation
K.B. 2037
D.F. 2035
G.L. 2029

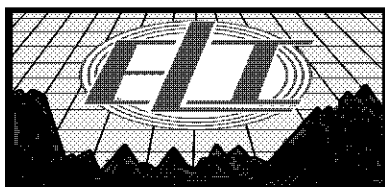
Date	6/18/18		
Run Number	ONE		
Depth Driller	3727		
Depth Logger	3728		
Bottom Logged Interval	3704		
Top Log Interval	2950		
Casing Driller	8 5/8" @ 1022		
Casing Logger	1020		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 2500 PPM	
Density / Viscosity	9.0/54		
pH / Fluid Loss	9.5/8.0		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.75 @ 81F		
Rmf @ Meas. Temp	.56 @ 81F		
Rmc @ Meas. Temp	.90 @ 81F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.53 @ 114F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	////		
Maximum Recorded Temperature	114F		
Equipment Number	3802		
Location	HAYS, KANSAS		
Recorded By	JASON CAPELLUCCI		
Witnessed By	MARC DOWNING		

<<< 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

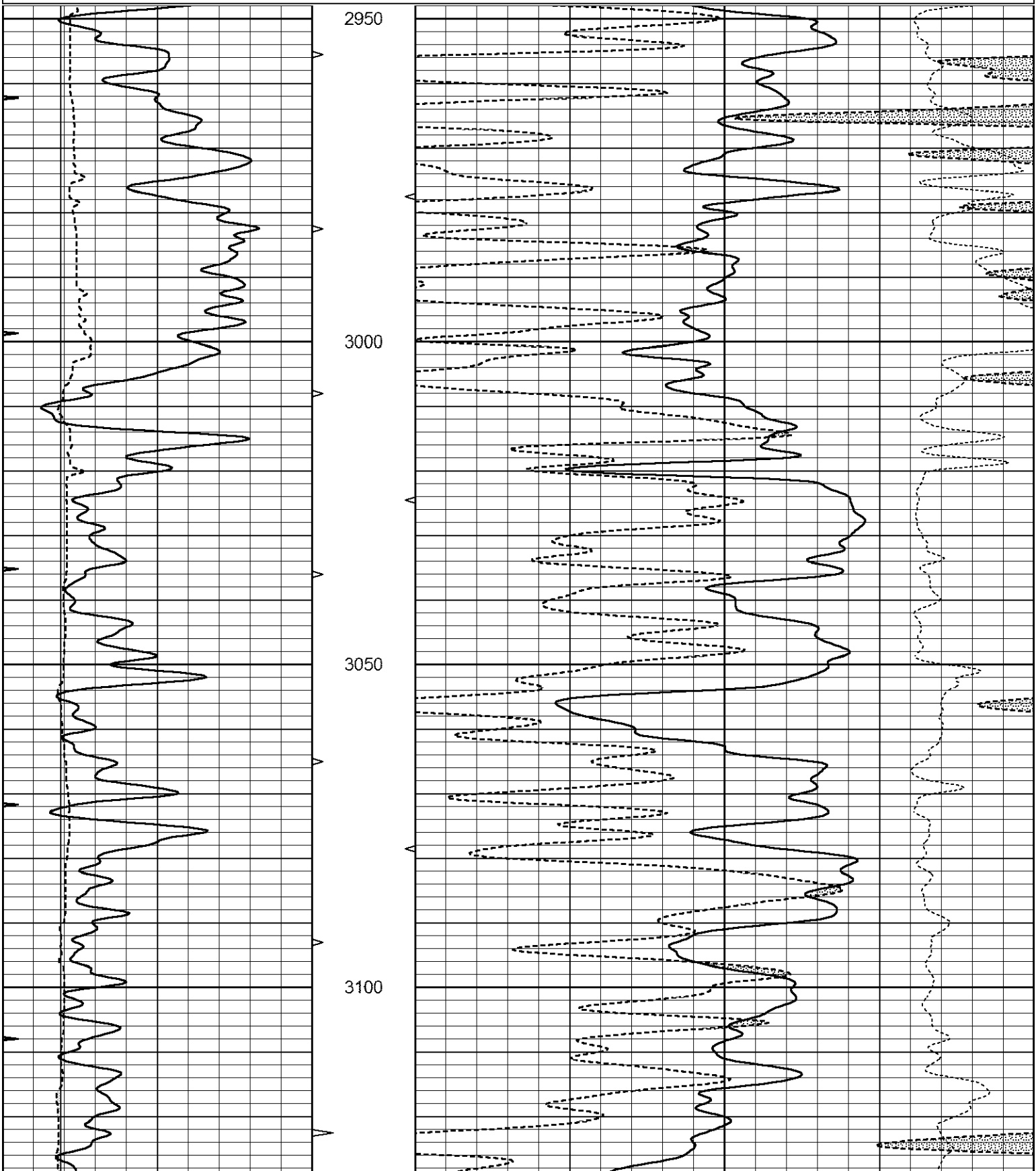
THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. (785) 628-6395
DIRECTIONS
HAYS KS. - SOUTH ON HWY 183 TO ANTONINO RD. - 2 WEST TO RD. 230 - 1/2 SOUTH
WEST INTO

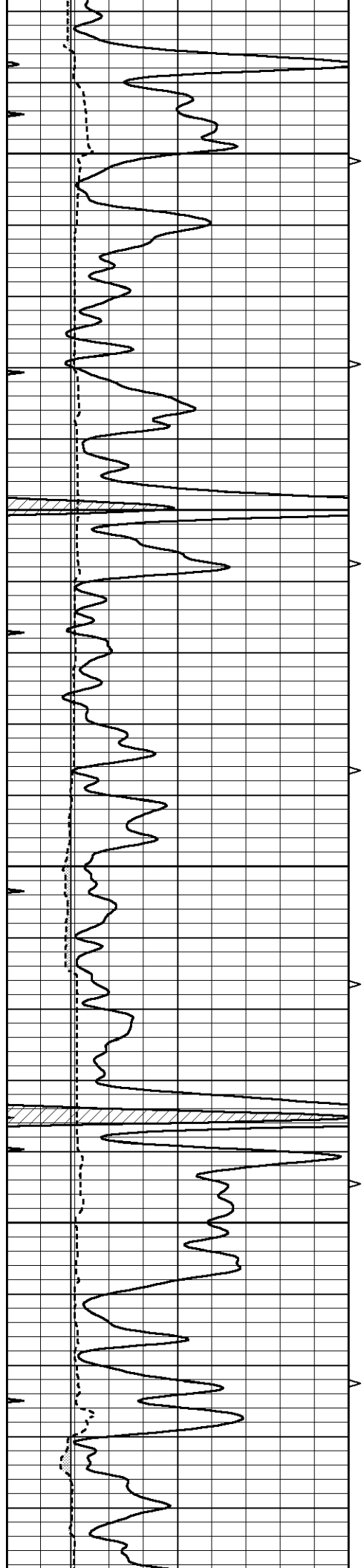


MAIN SECTION

Database File	2508ddn.db
Dataset Pathname	pass5.1
Presentation Format	_den_neu
Dataset Creation	Mon Jun 18 18:22:30 2018
Charted by	Depth in Feet scaled 1:240

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



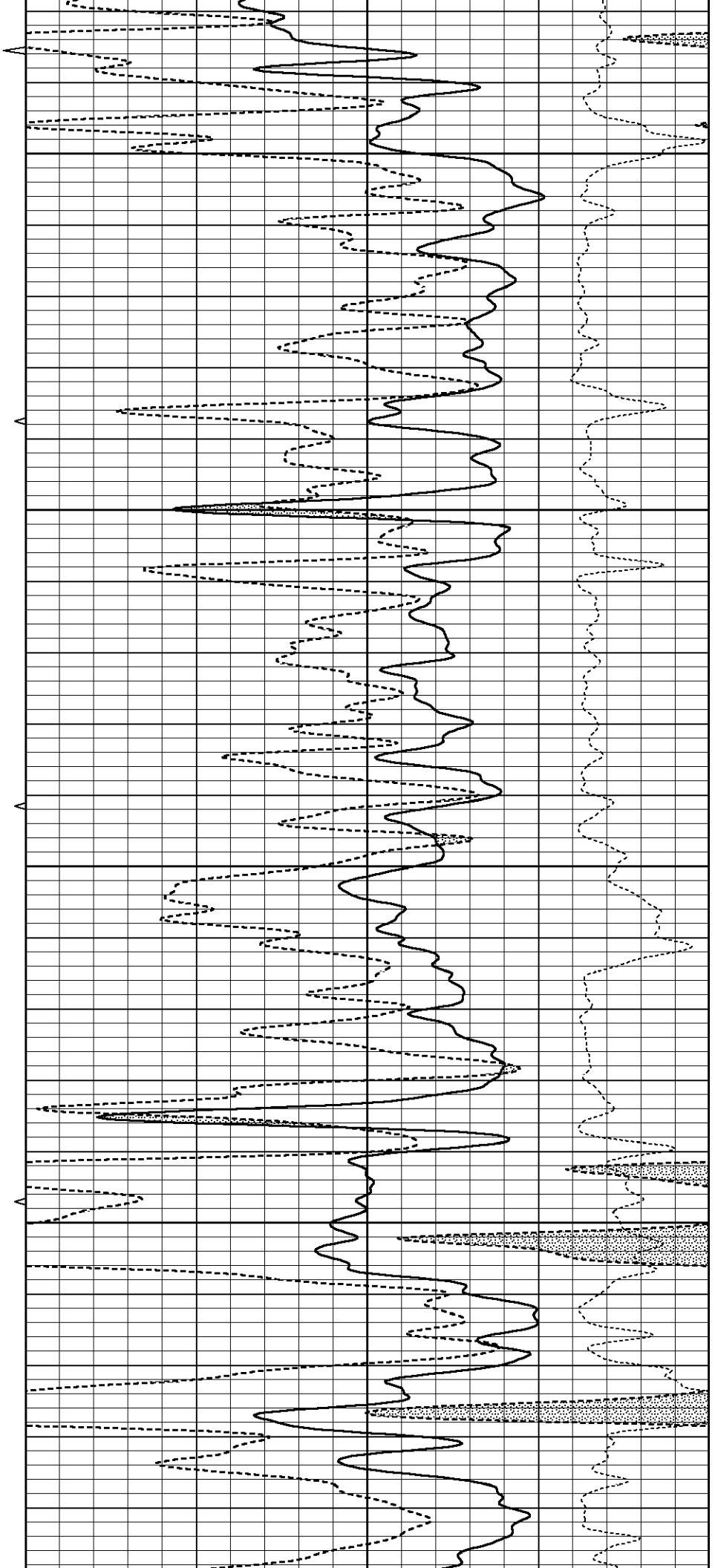


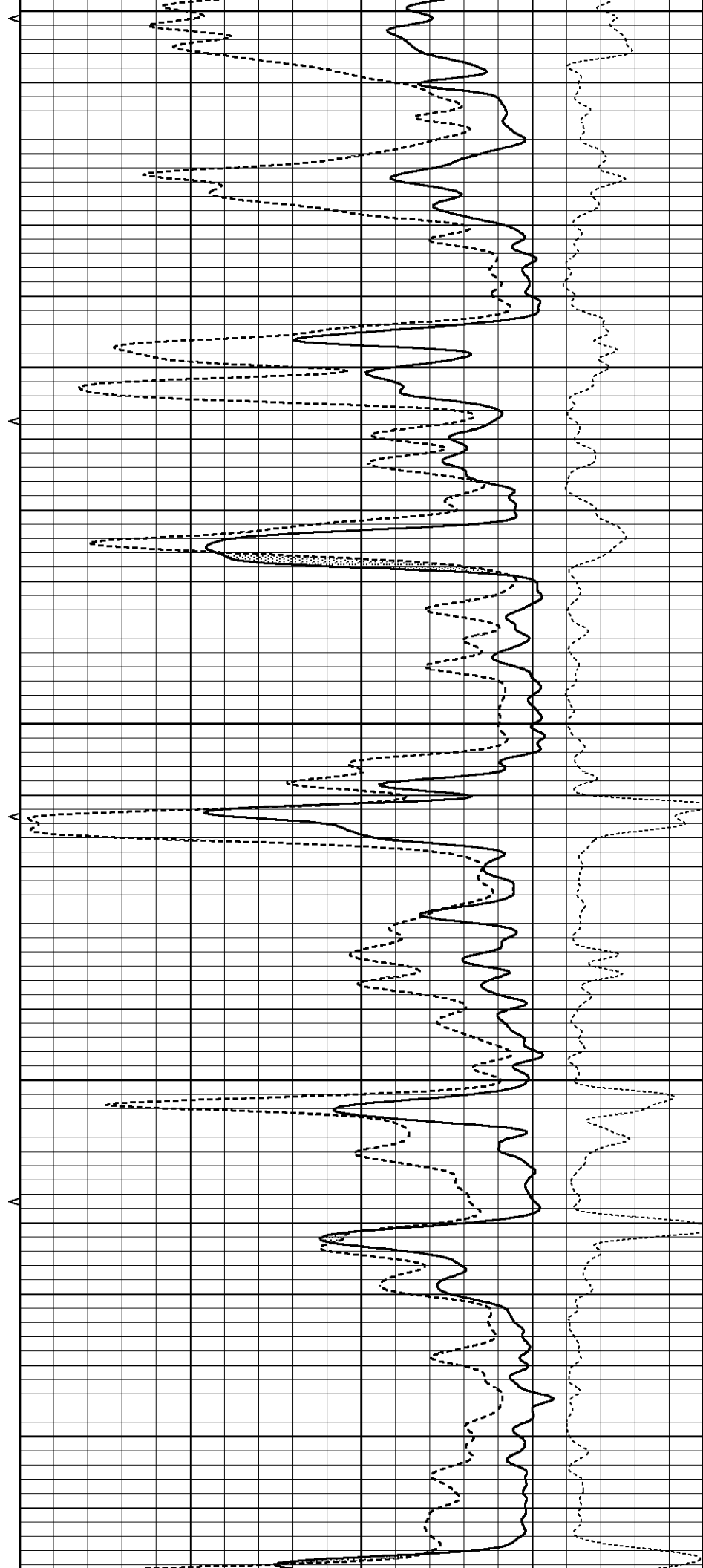
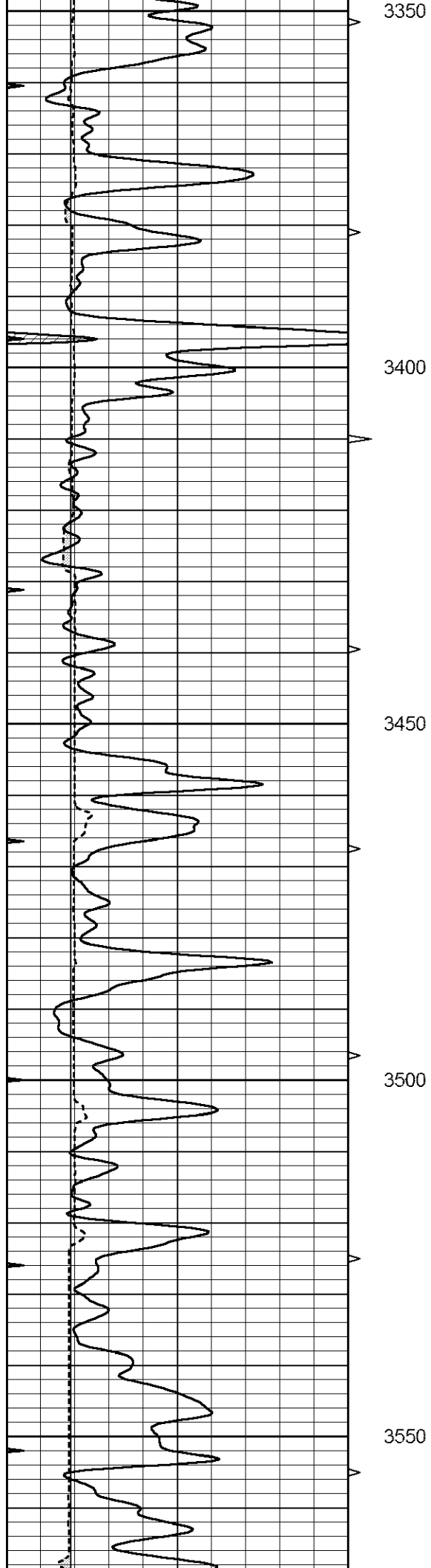
3150

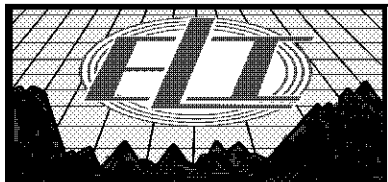
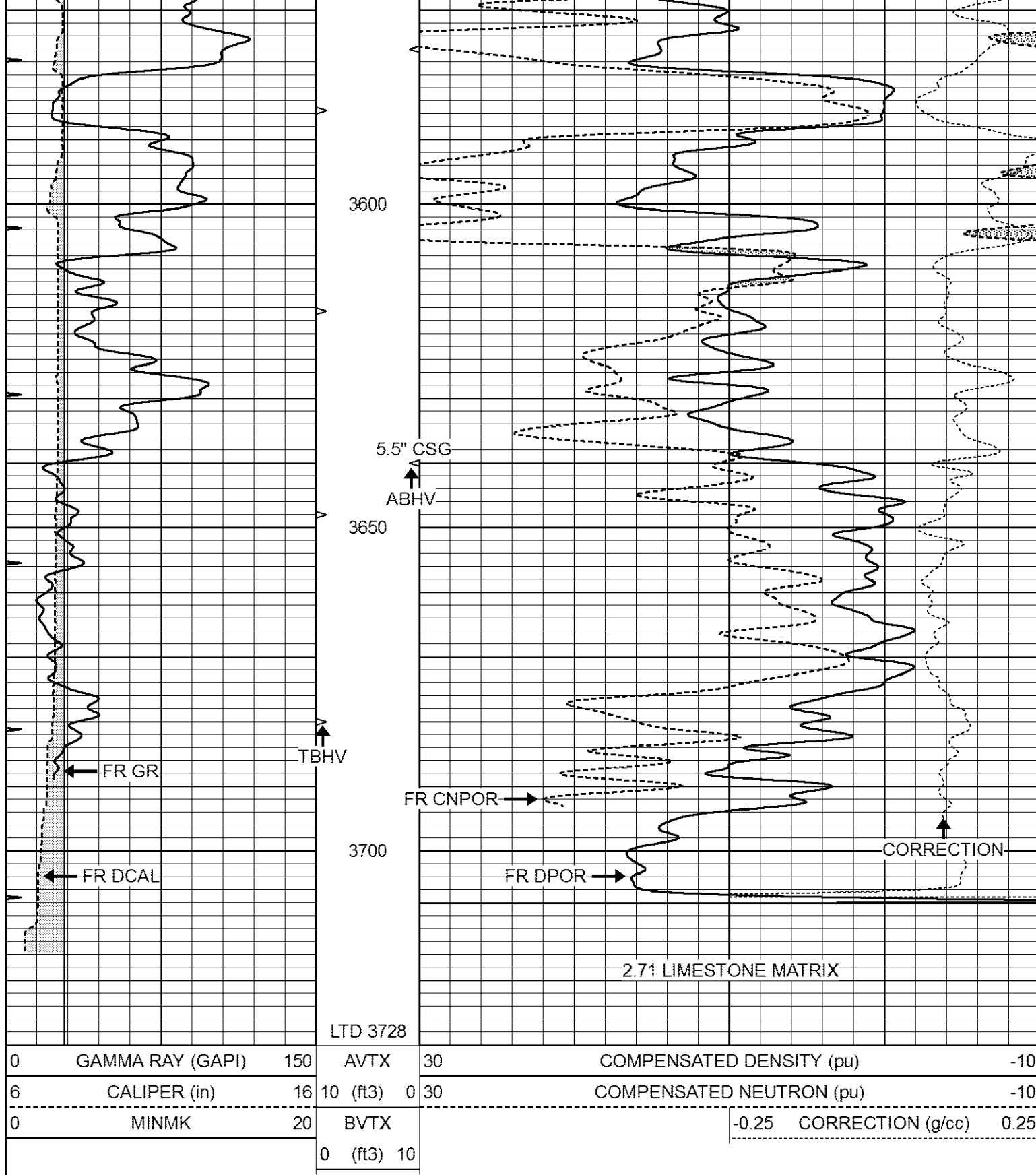
3200

3250

3300



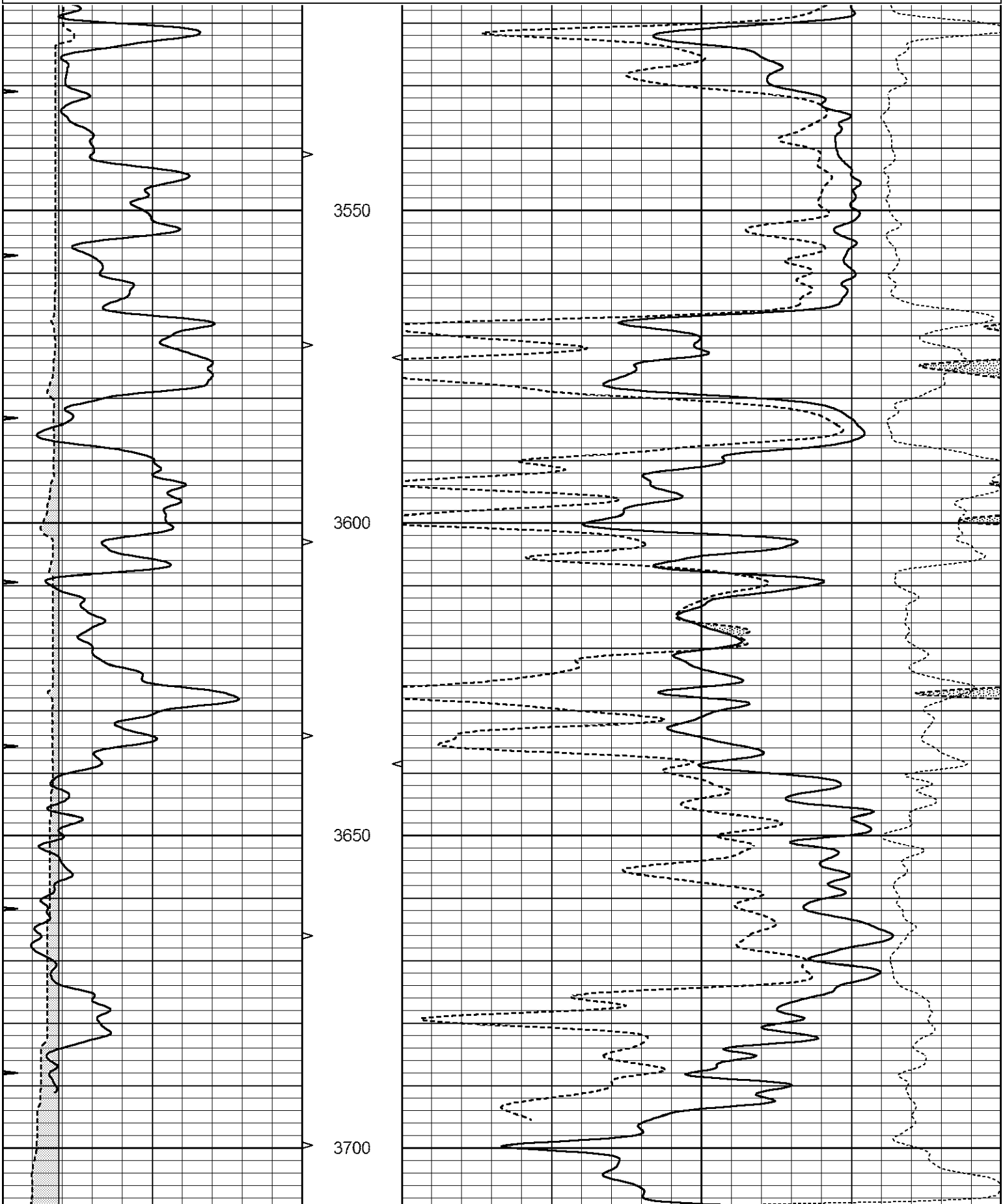




REPEAT SECTION

Database File 2508ddn.db
 Dataset Pathname pass4.1
 Presentation Format _den_neu
 Dataset Creation Mon Jun 19 18:22:24 2018

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



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:	7		
Tool Model:	Probe1		
Performed:	Wed Jun 29 11:10:58 2016		
Calibrator Value:	1.0	GAPI	
Background Reading:	0.0	cps	
Calibrator Reading:	1.0	cps	
Sensitivity:	0.4300	GAPI/cps	