



COMPENSATED DENSITY / NEUTRON LOG

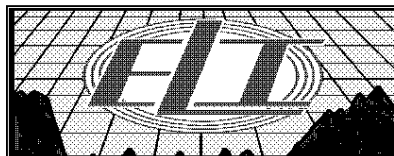
Company	C G OIL, INC.		
Well	WALKER #2		
Field	AIR BASE		
County	ELLIS		
State	KANSAS		
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Well	WALKER #2		
Field	AIR BASE		
County	ELLIS		
State	KANSAS		
Location:	API # : 15-051-26881-0000 1750' FNL & 1980' FEL S/2 - N/2 - SW - NE		
Permanent Datum	GROUND LEVEL	Elevation	1948
Log Measured From	KELLY BUSHING	Elevation	K.B. 1956 D.F. 1954 G.L. 1948
Drilling Measured From	KELLY BUSHING		
Date	6/7/17		
Run Number	ONE		
Depth Driller	3520		
Depth Logger	3520		
Bottom Logged Interval	3496		
Top Log Interval	2800		
Casing Driller	8 5/8" @ 1042'		
Casing Logger	1042		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 7,100 PPM	
Density / Viscosity	9.4/50		
pH / Fluid Loss	10.5/6.8		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	.600 @ 90F		
Rmf @ Meas. Temp	.450 @ 90F		
Rmc @ Meas. Temp	.720 @ 90F		
Source of Rmf / Rmc	MEASUREMENT		
Rim @ BHT	.482 @ 112F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	12:00 P.M.		
Maximum Recorded Temperature	112F		
Equipment Number	922339		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	ROGER FISHER	RON SCHMIDTBERGER	TERRY PLESKER

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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

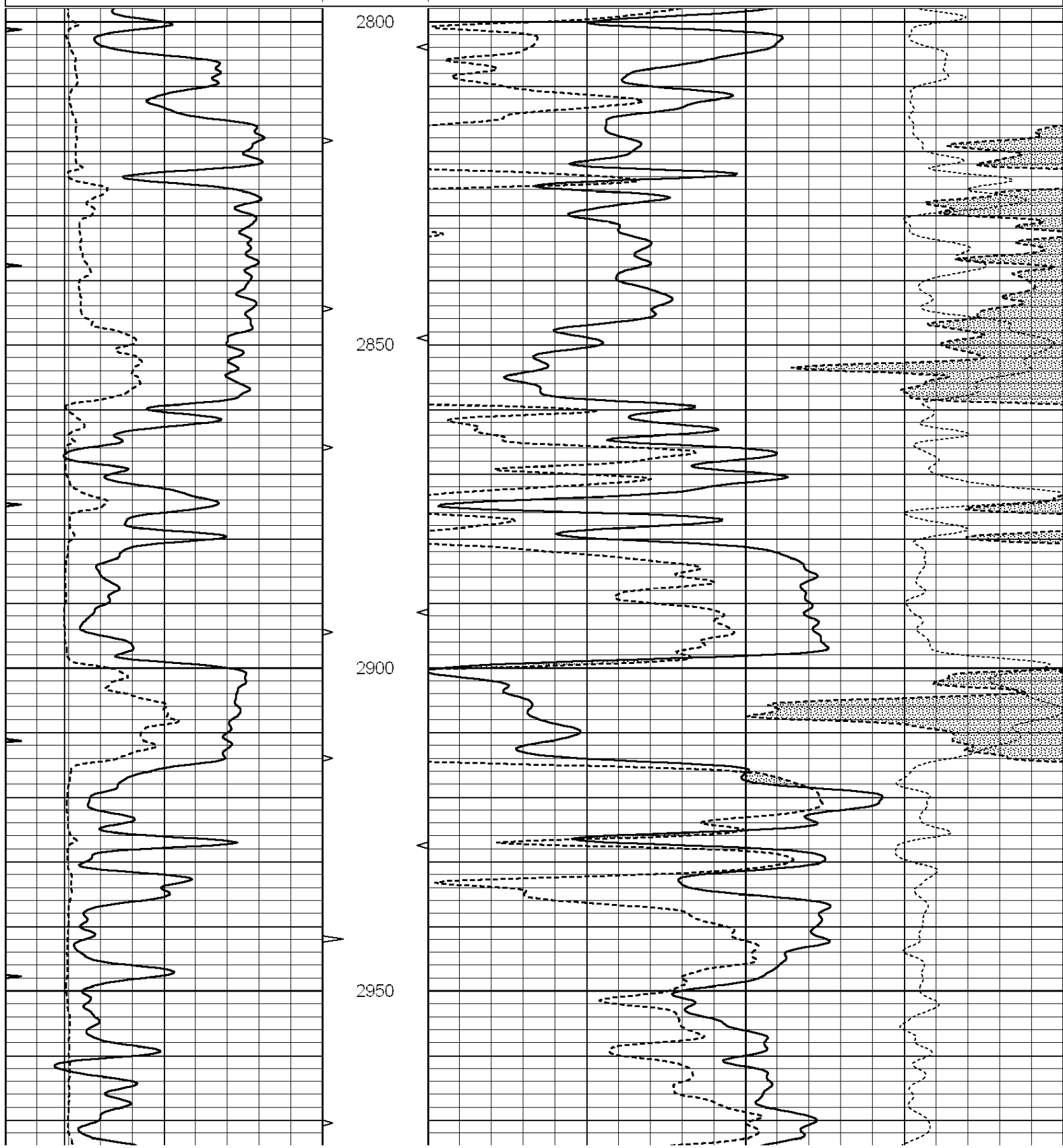
THANK YOU FOR USING ELI WIRELINE HAYS, KANSAS (785) 628-6395
DIRECTIONS
WALKER, KS. & OLD 40, 3/4N., W. INTO @TANK BATTERY

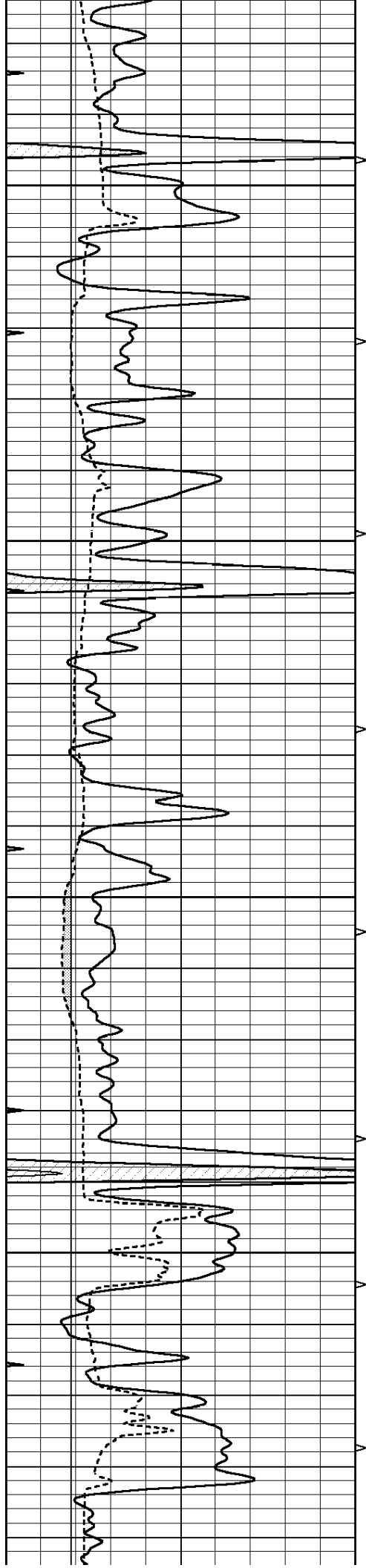


MAIN SECTION

Database File: 1576ddn.db
Dataset Pathname: pass3.7
Presentation Format: den_neu
Dataset Creation: Wed Jun 07 13:34:41 2017
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		-0.25 CORRECTION (g/cc)	0.25
			0 (ft3)	10		



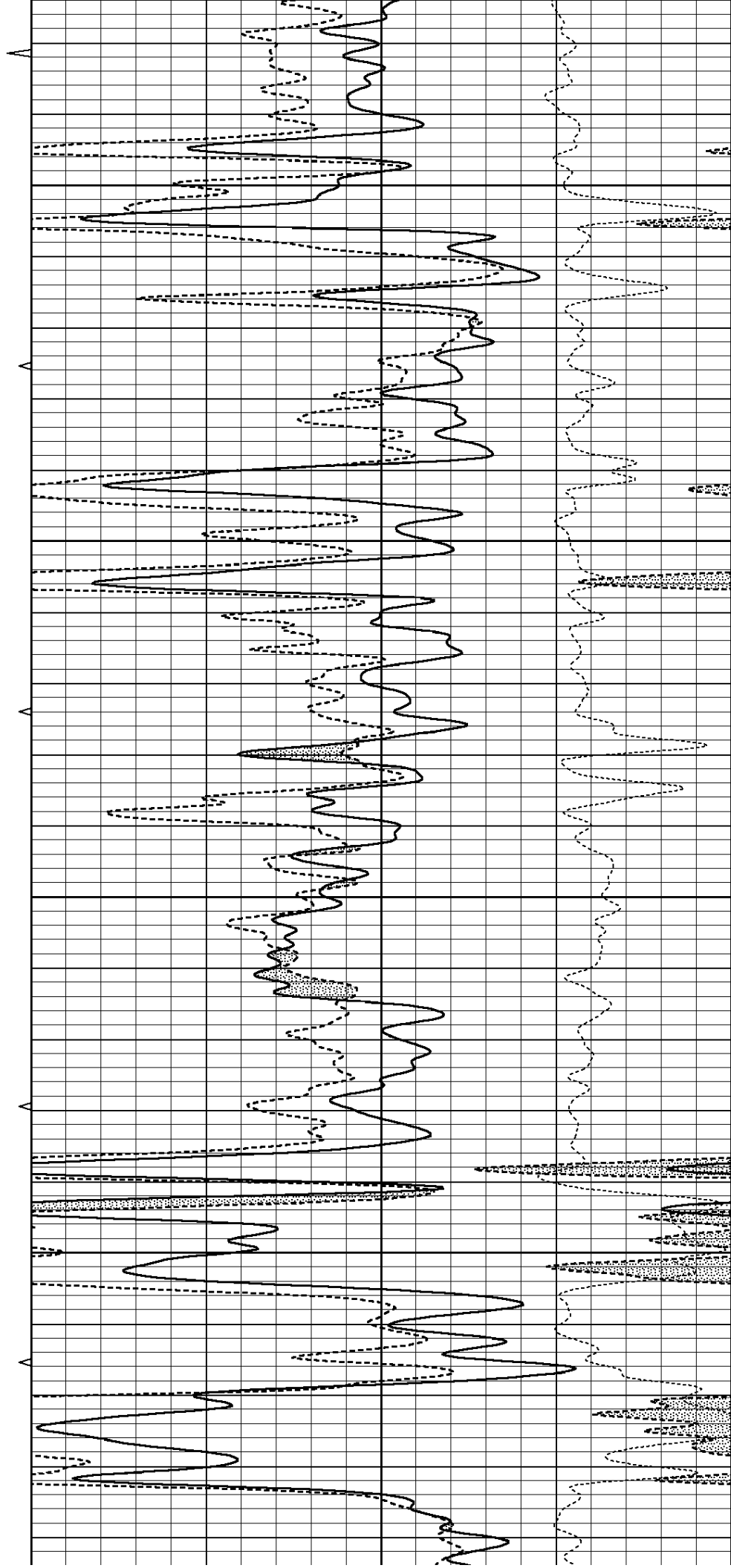


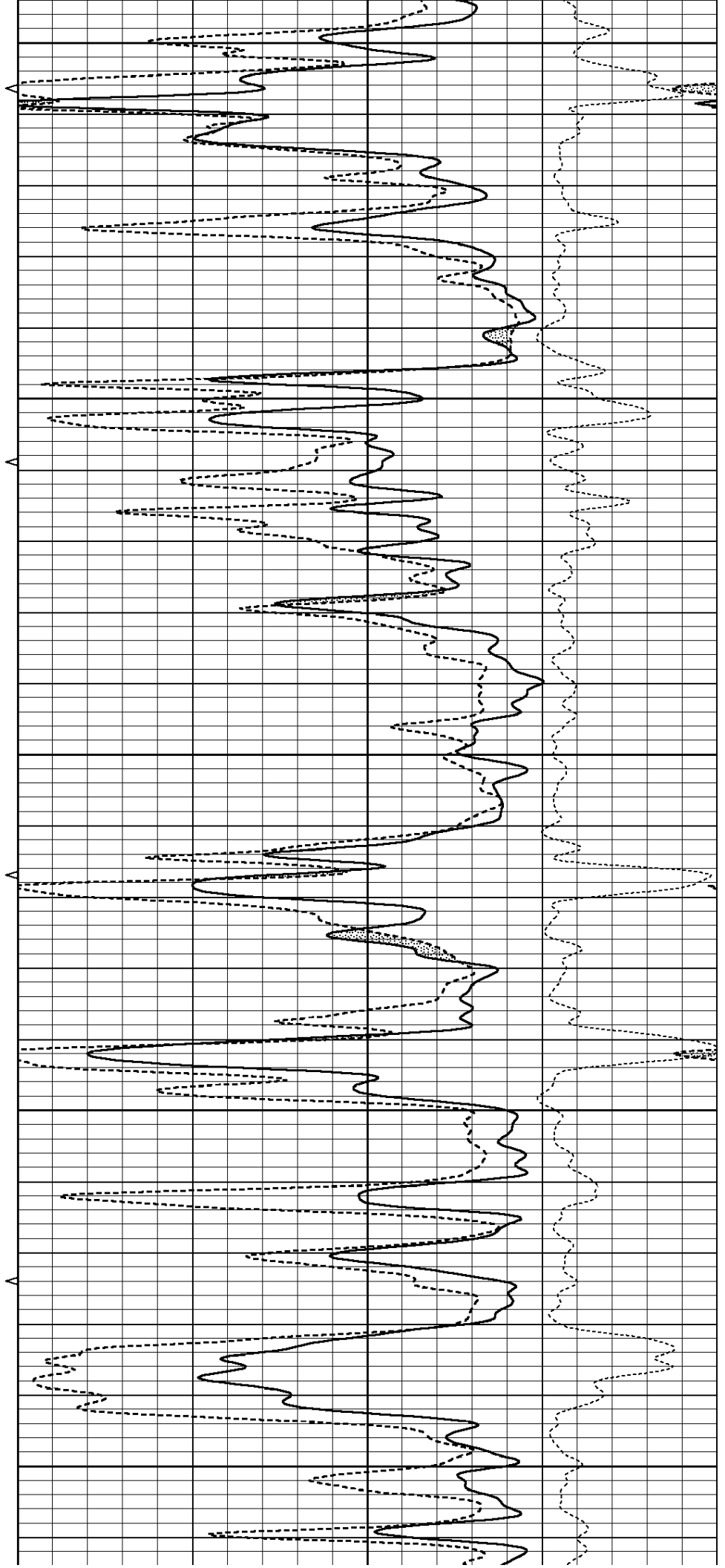
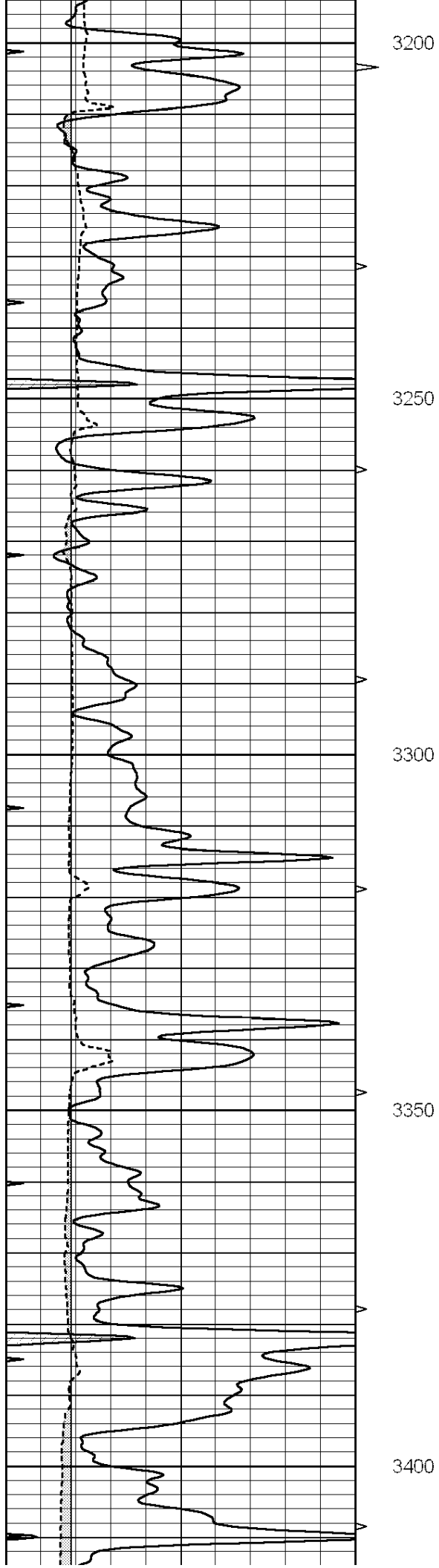
3000

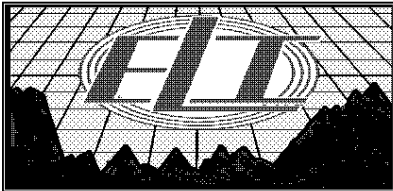
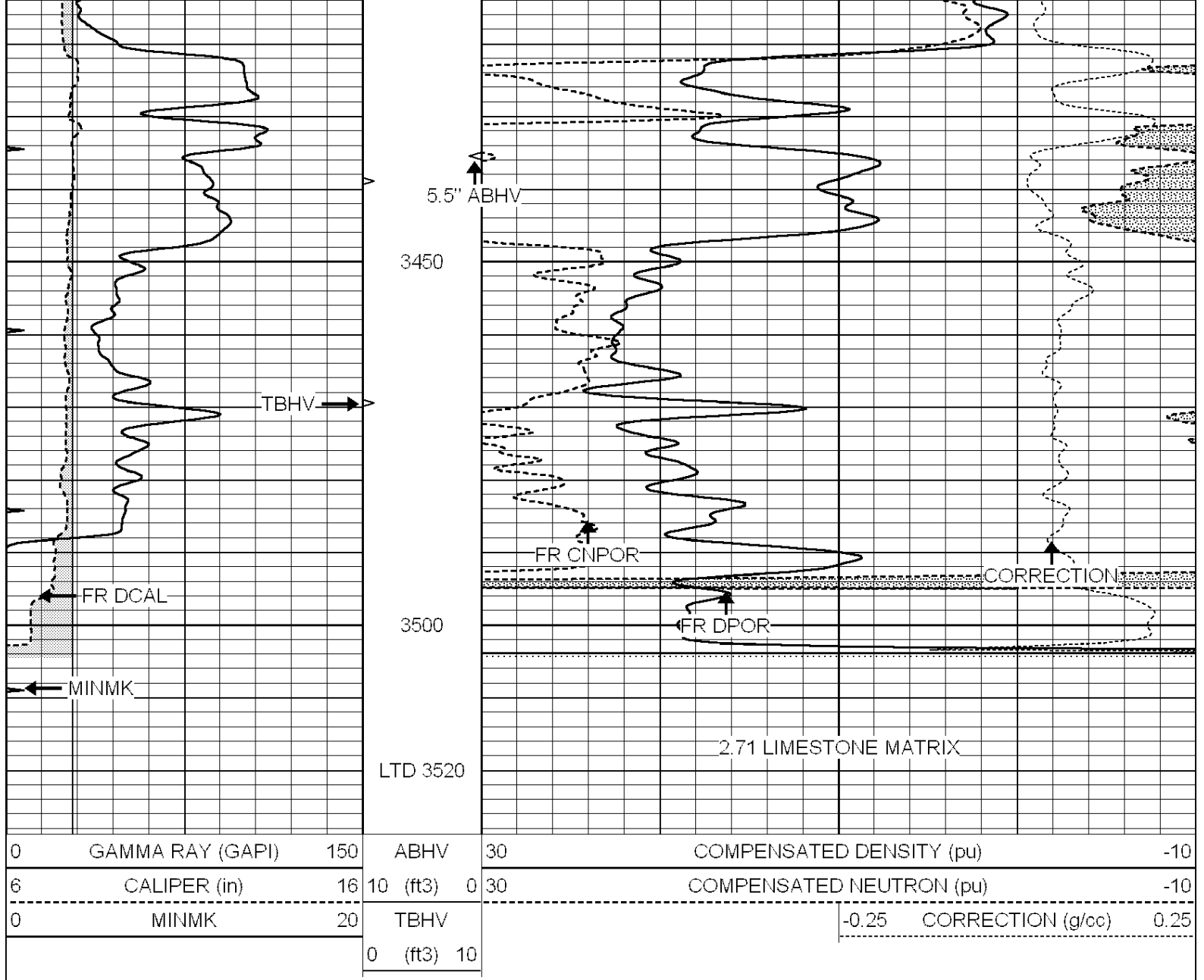
3050

3100

3150



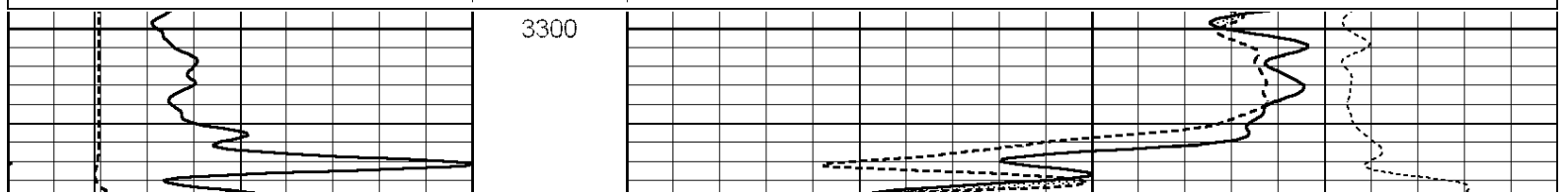


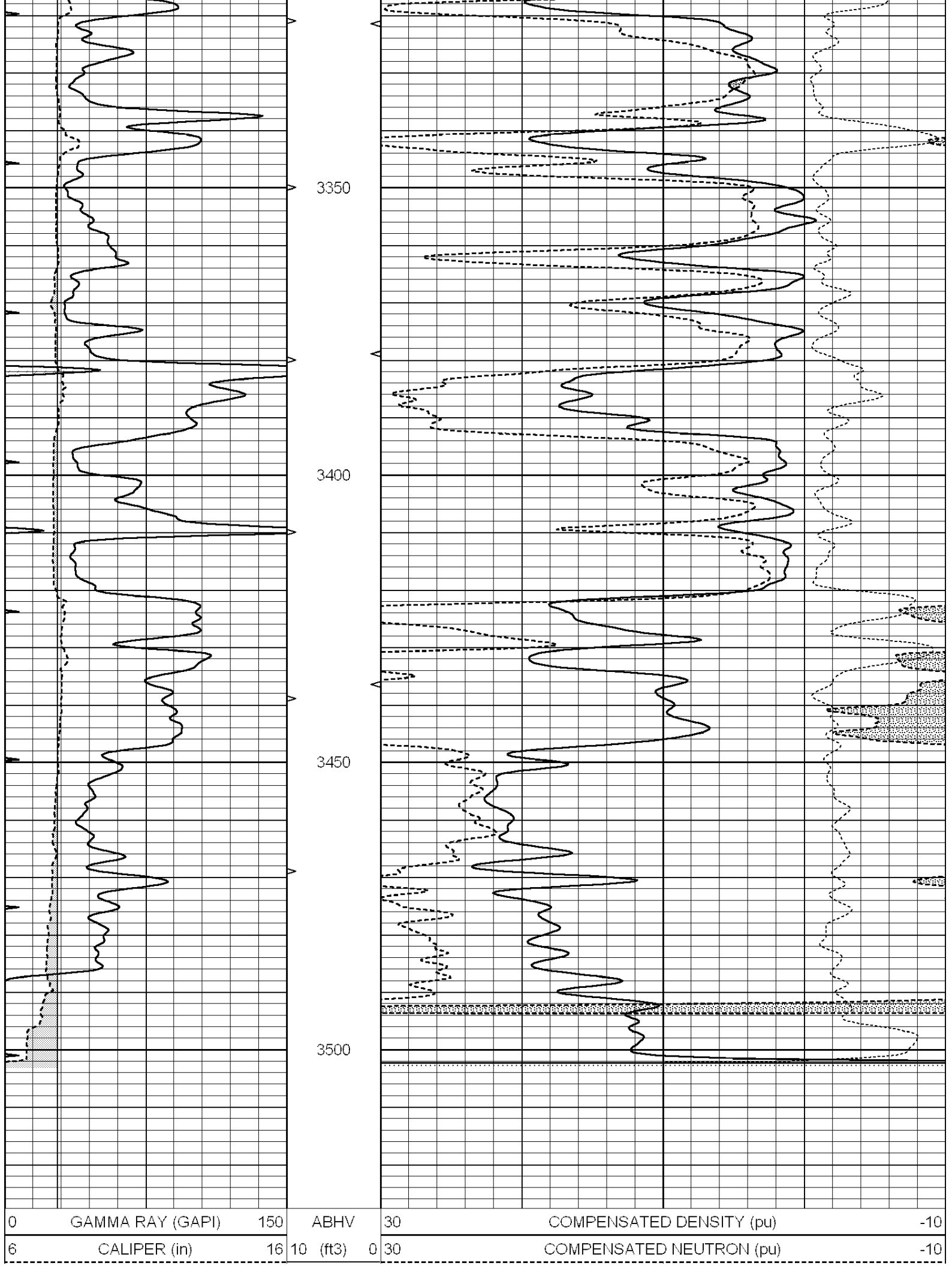


REPEAT SECTION

Database File: 1576ddn.db
 Dataset Pathname: pass2.9
 Presentation Format: den_neu
 Dataset Creation: Wed Jun 07 12:41:54 2017
 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		-0.25	CORRECTION (g/cc) 0.25
			0 (ft3)	10		





0	MINMK	20	TBHV	-0.25	CORRECTION (g/cc)	0.25
		0	(ft3)	10		

Calibration Report

Database File: 1576ddn.db
Dataset Pathname: pass3.7
Dataset Creation: Wed Jun 07 13:34:41 2017

Dual Induction Calibration Report

Serial-Model: PROBE7-DILG
Surface Cal Performed: Mon May 15 11:30:04 2017
Downhole Cal Performed: Mon Jul 28 12:02:56 2008
After Survey Verification Performed: Mon Jul 28 12:02:56 2008

Surface Calibration

Readings				References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	-0.014	0.629	V	0.000	400.000	mmho/m	620.000	-2.000
Medium	0.039	0.728	V	0.000	464.000	mmho/m	675.000	-48.000
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: 004N Model: PRB

Master Calibration

Performed Fri May 30 11:01:00 2014

	Background	Magnesium	Aluminum	Sandstone	
Window 1	1378.8	10804.6	3492.0	12453.4	cps
Window 2	1262.4	9313.5	3076.7	10594.7	cps
Window 3	1077.6	5668.7	2076.0	6314.8	cps
Window 4	306.4	313.0	306.4	315.6	cps
Long Space	0.0	8051.0	1814.3	9332.3	cps
Short Space	1.9	1706.1	1146.0	1707.6	cps
Rho		1.7100	2.5900	1.3800	g/cc
Pe		0.0000	2.5700	1.5500	
Rib Angle	: 45.0	Rib Slope	: 1.002	Density/Spine Ratio	: 0.571

Spine Angle		: 75.0	Spine Slope		: 3.745	Spine Intercept		: -18.9
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:		070808			
			Tool Model:		Probe			
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 May 31 00:09:32 2017						
Calibrator Value:		1.0	GAPI					
Background Reading:		0.0	cps					
Calibrator Reading:		1.0	cps					
Sensitivity:		0.2800	GAPI/cps					