



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

**COMPENSATED
DENSITY / NEUTRON
PE LOG**

Company	GREAT PLAINS ENERGY, INC.		
Well	PERSINGER FARMS #1-6		
Field	WILDCAT		
County	NORTON	State	KANSAS
Location:	API # : 15-137-20620		Other Services DIL SONIC/MEL
SEC 6 TWP 4S RGE 23W		Elevation	
Permanent Datum	GROUND LEVEL	Elevation	2433
Log Measured From	KELLY BUSHING 5' A.G.L.	K.B. 2438	D.F.
Drilling Measured From	KELLY BUSHING	G.L. 2433	
Date	10-3-12		
Run Number	TVMO		
Depth Driller	3890		
Depth Logger	3890		
Bottom Logged Interval	3866		
Top Log Interval	3200		
Casing Driller	332		
Casing Logger	333		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.2 / 56		
pH / Fluid Loss	10.0 / 7.2		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	1.20 @ 70F		
Rmf @ Meas. Temp	0.90 @ 70F		
Rmc @ Meas. Temp	1.44 @ 70F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	.740 @ 114F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	4:30 A.M.		
Maximum Recorded Temperature	114F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	RUPP		
Witnessed By	CLAYTON ERICKSON		

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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

NABORS COMPLETION & PRODUCTION CO.
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: NORTON, 6S TO RD. "S", 4 1/2W, S INTO.



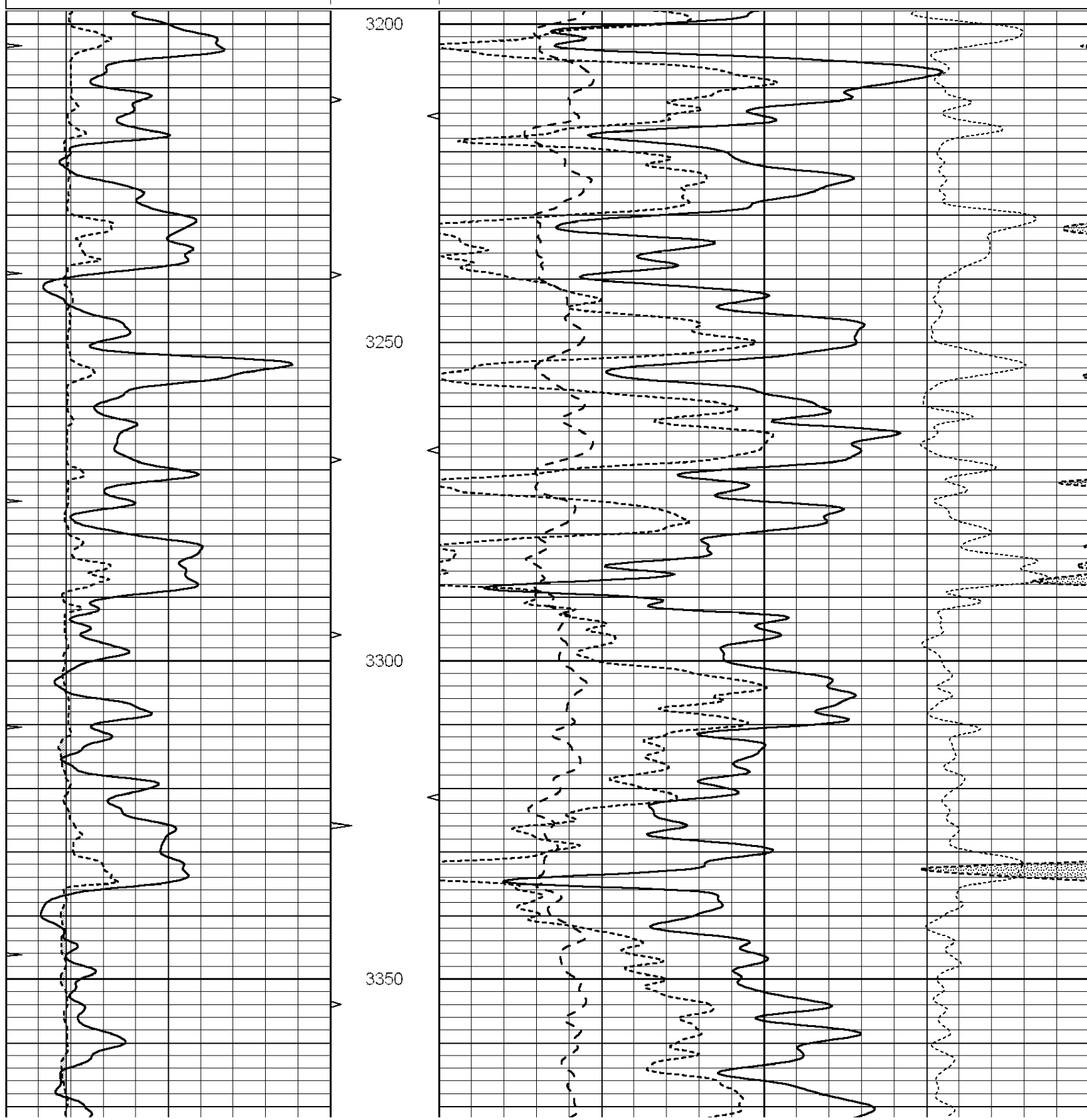
NABORS

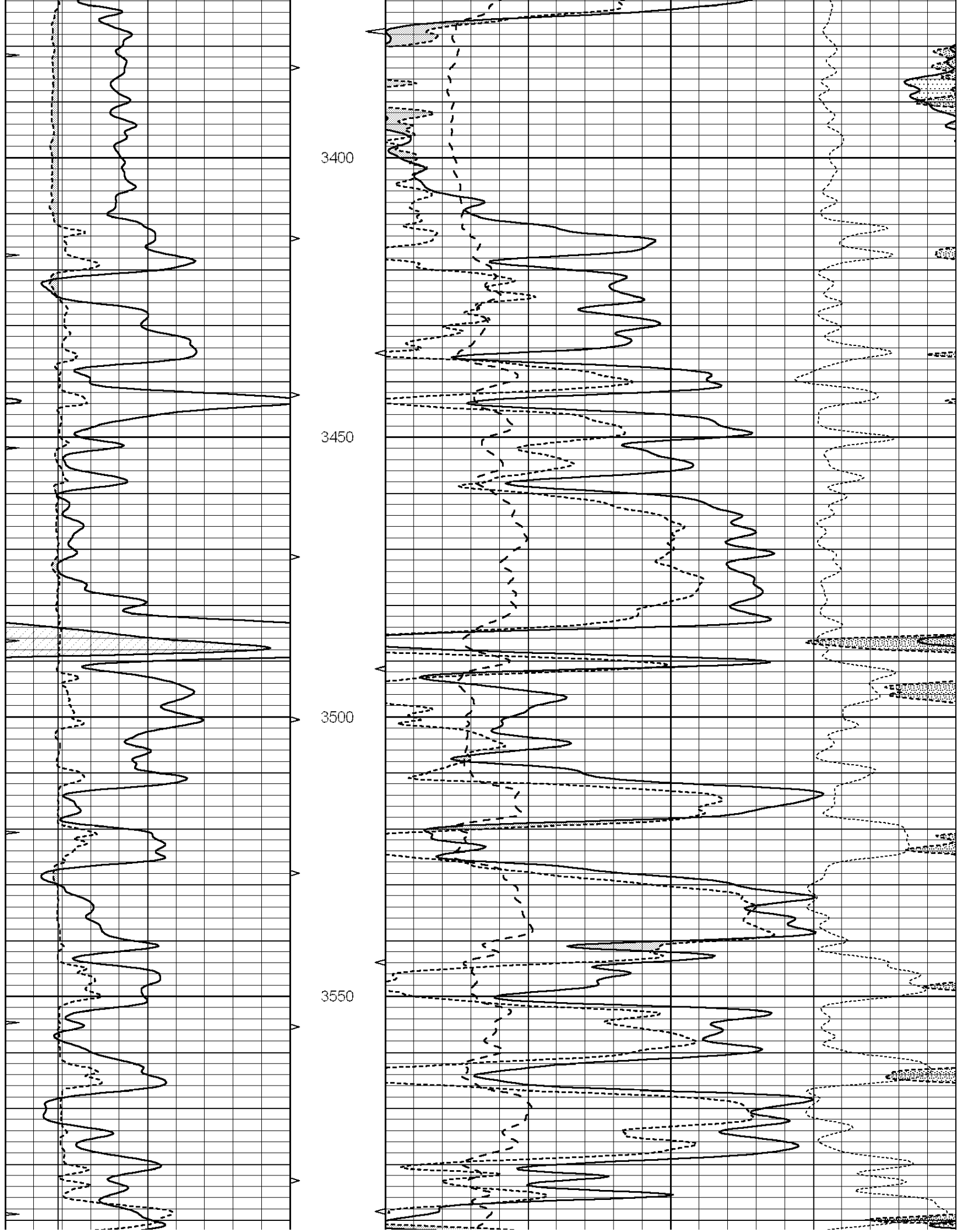
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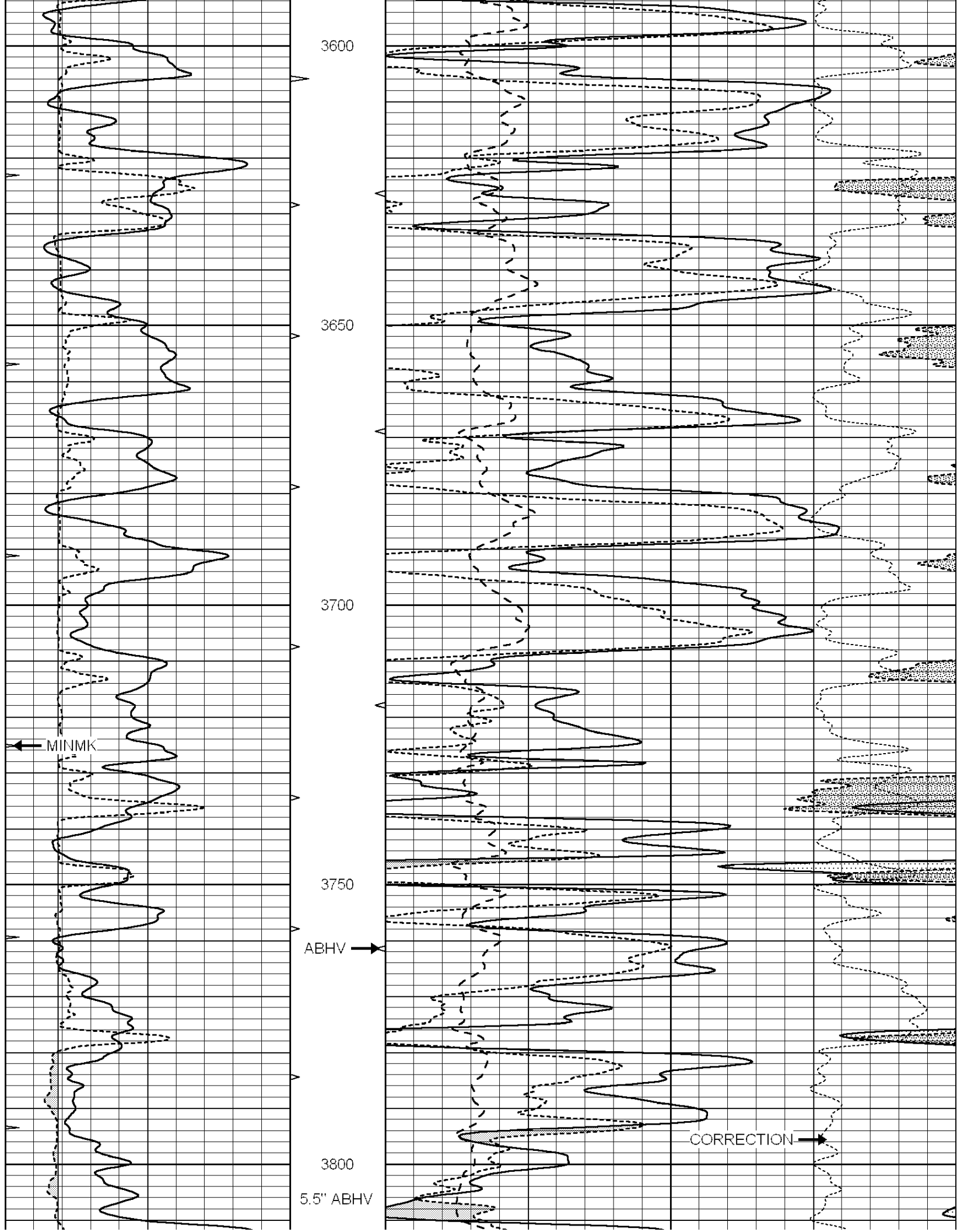
MAIN SECTION

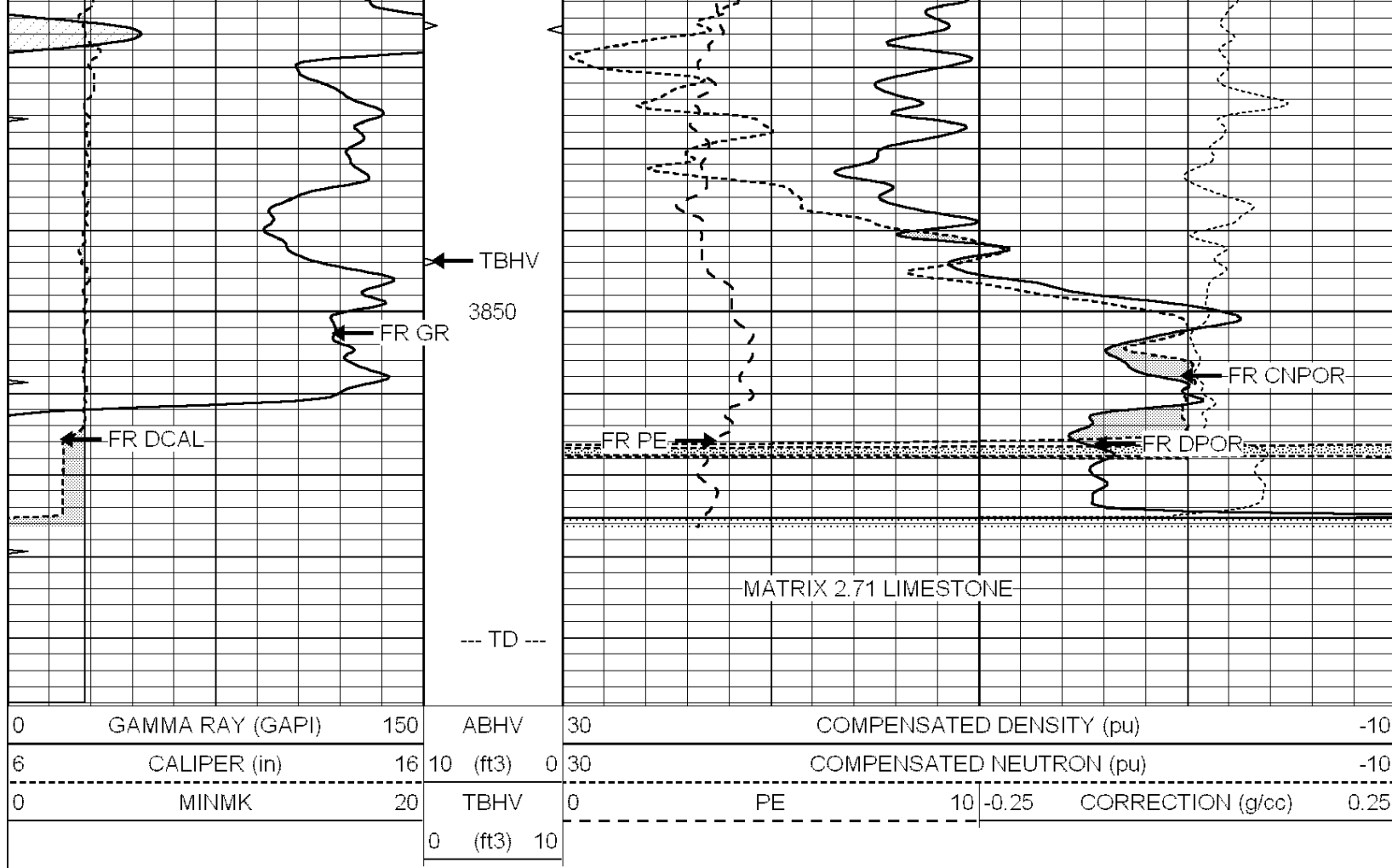
Database File: 009927pdr.db
 Dataset Pathname: pass6.1A
 Presentation Format: ldt_neu
 Dataset Creation: Wed Oct 03 08:08:04 2012
 Charted by: Depth in Feet scaled 1:240

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





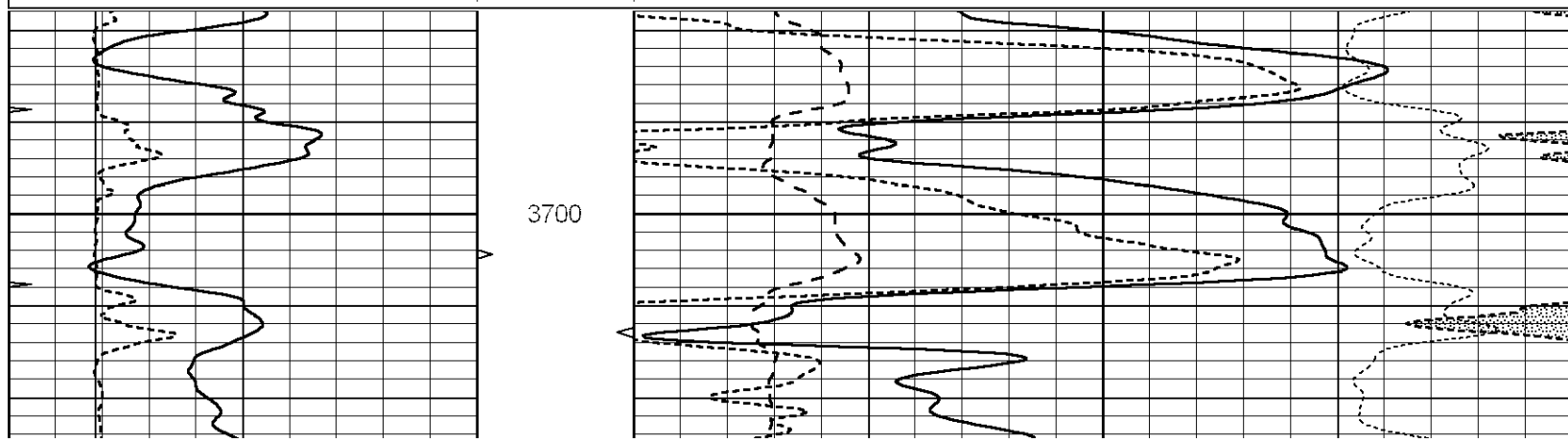


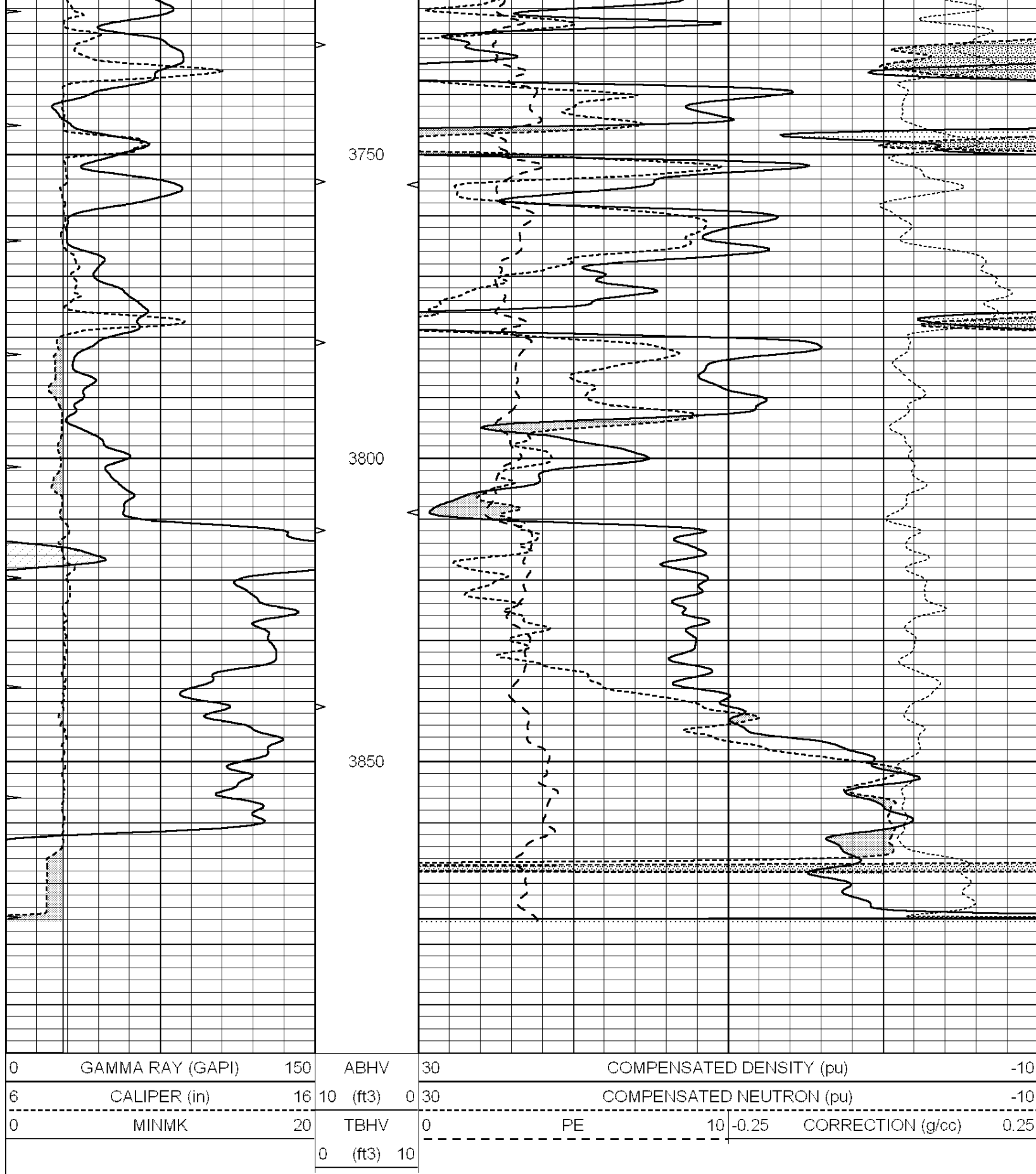


REPEAT SECTION

Database File: 009927pdm.db
 Dataset Pathname: pass5.2
 Presentation Format: ldt_neu
 Dataset Creation: Wed Oct 03 08:28:07 2012
 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			





Calibration Report

Database File: 009927pdn.db
Dataset Pathname: pass6.1A
Dataset Creation: Wed Oct 03 08:08:04 2012

Serial-Model: Performed:				DIL5-GEAR Wed Oct 03 07:30:49 2012				
Readings				References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.004	0.654	V	0.000	400.000	mmho/m	490.000	-14.000
Medium	-0.005	0.737	V	0.000	462.500	mmho/m	500.000	-13.000
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.006	0.655	V	0.000	400.000	mmho/m	615.668	-3.483
Medium	0.010	0.747	V	0.000	462.500	mmho/m	627.607	-6.064
Litho Density Calibration Report Serial: 002 Model: PRB Performed Mon Apr 02 17:56:53 2012								
Litho Density Calibration								
	Background	Magnesium		Aluminum		Sandstone		
Window 1	872.3	7266.3		2292.6		7931.5		cps
Window 2	822.9	5957.5		1958.0		6389.6		cps
Window 3	670.4	3219.9		1211.9		3388.2		cps
Window 4	201.6	201.1		202.3		204.6		cps
Long Space	0.0	5134.6		1135.0		5566.6		cps
Short Space	1.1	994.2		674.4		1059.2		cps
Rho		1.7100		2.5960		1.3800		g/cc
Pe				2.5700		1.5500		
Rib Angle	: 45.6	Rib Slope	: 1.020	Density/Spine Ratio				: 0.569
Spine Angle	: 75.6	Spine Slope	: 3.888	Spine Intercept				: -18.3
Caliper								
Low Ref	Readings 4.3	Reference 8.4						
High Ref	6.1	14.0						
	Gain: 3.0			Offset: -4.4				
Compensated Neutron Calibration Report								
Serial Number:				NUE_2I				
Tool Model:				G				
CALIBRATION								
	Detector	Readings		Target		Normalization		
	Short Space	1.00 cps		1.00 cps		1.0000		
	Long Space	1.00 cps		1.00 cps		1.0000		
Gamma Ray Calibration Report								
Serial Number:			GR5					
Tool Model:			OPEN					
Performed:			Wed Oct 03 07:05:33 2012					
Calibrator Value:			1.0	GAPI				
Background Reading:			0.0	cps				
Calibrator Reading:			1.0	cps				
Sensitivity:			0.7500	GAPI/cps				