

COMPENSATED DENSITY/NEUTRON PE/LOG

Company	TRANS PACIFIC OIL CORP.		
Well	CHERI C UNIT #1-2		
Field	WILDCAT		
County	LOGAN	State	KANSAS
Location:	AP1 # : 15-109-21574-00-00		Other Services DIL/MEL
SEC 2 TWP 15S RGE 32W		Elevation	
Permanent Datum	GROUND LEVEL	Elevation	2734
Log Measured From	KELLY BUSHING 8' A.G.L.	D.F.	2740
Drilling Measured From	KELLY BUSHING	G.L.	2734
Date	11/08/18		
Run Number	ONE		
Depth Driller	4510		
Depth Logger	4510		
Bottom Logged Interval	4490		
Top Log Interval	3400		
Casing Driller	8 5/8" @ 222		
Casing Logger	222		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.3/54		
pH / Fluid Loss	10.5/8.0		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.1@66		
Rmt @ Meas. Temp	.83@66		
Rmc @ Meas. Temp	1.32@66		
Source of Rmt / Rmc	MEASURED		
Rm @ BHT	.60@121		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	///		
Maximum Recorded Temperature	121F		
Equipment Number	1523		
Location	HAYS, KANSAS		
Recorded By	GUS PFANENSTIEL		
Witnessed By	MAX LOVELY		

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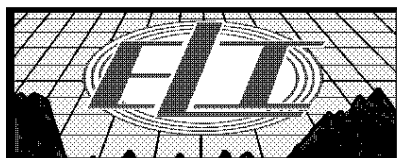
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

DIRECTIONS

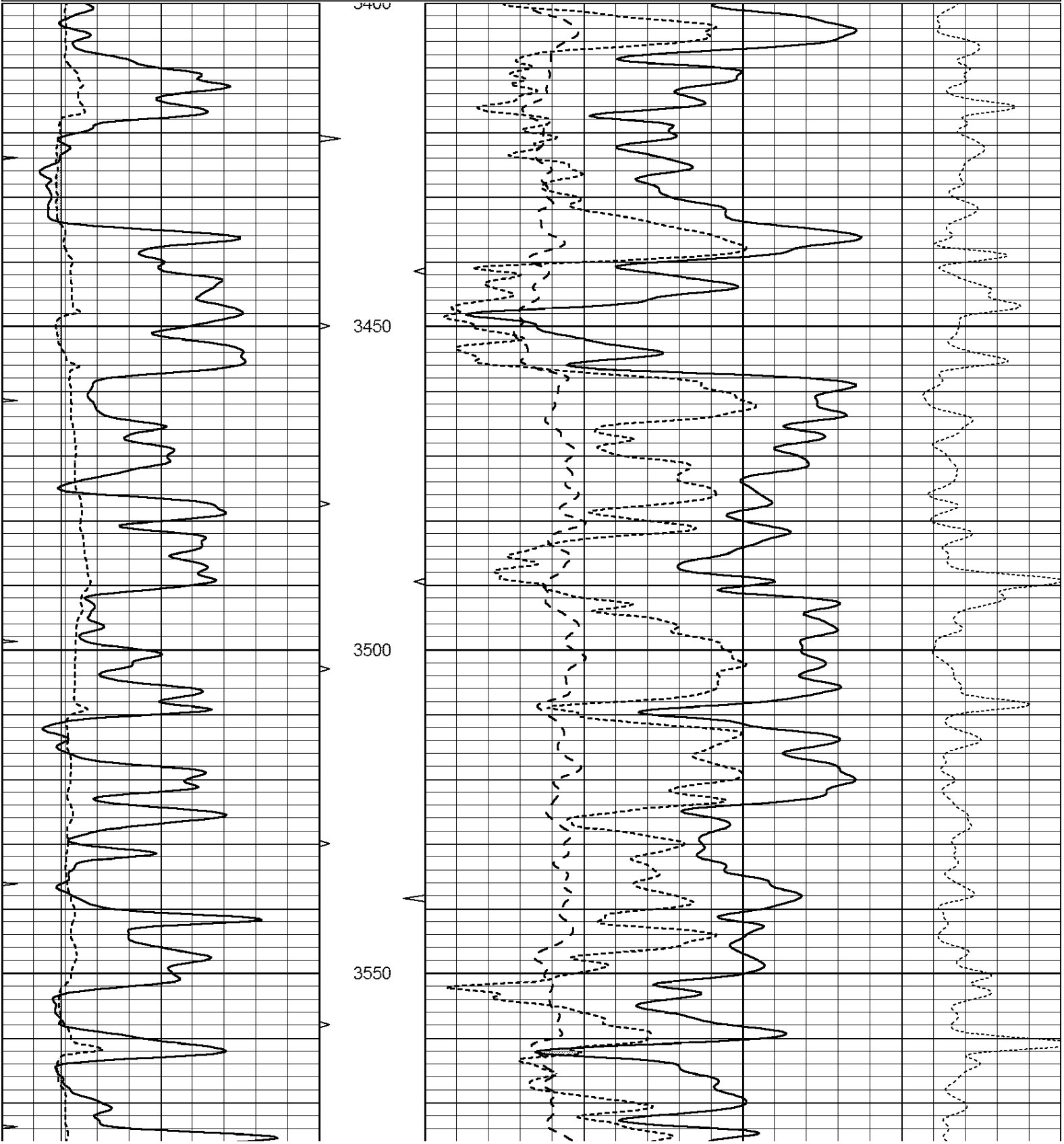
OAKLEY SOUTH TO GOLD RD(1ST MILE SOUTH OF RIVER)
EAST INTO, GO TO FORK TAKE MIDDLE TRAIL SOUTH.

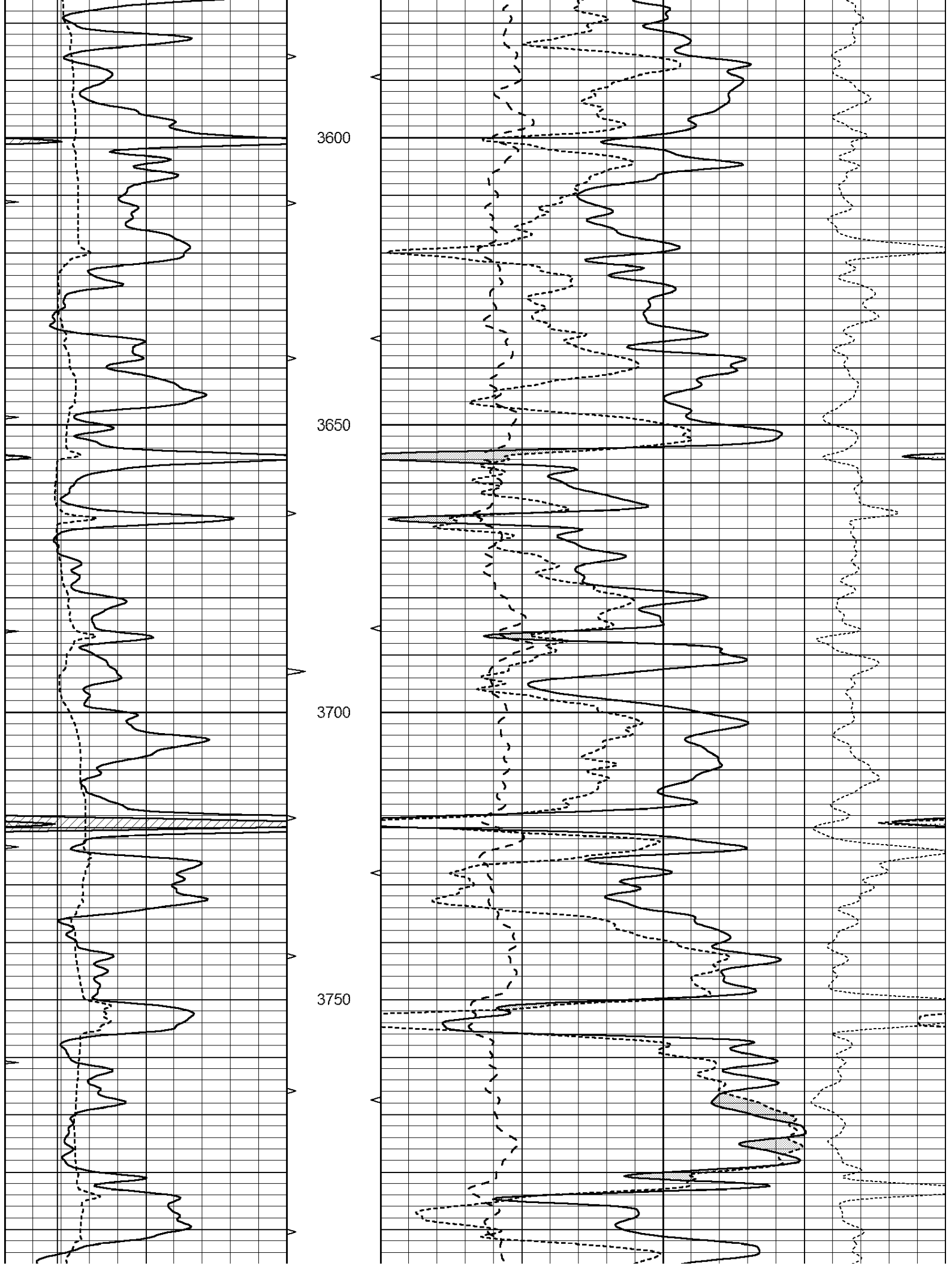


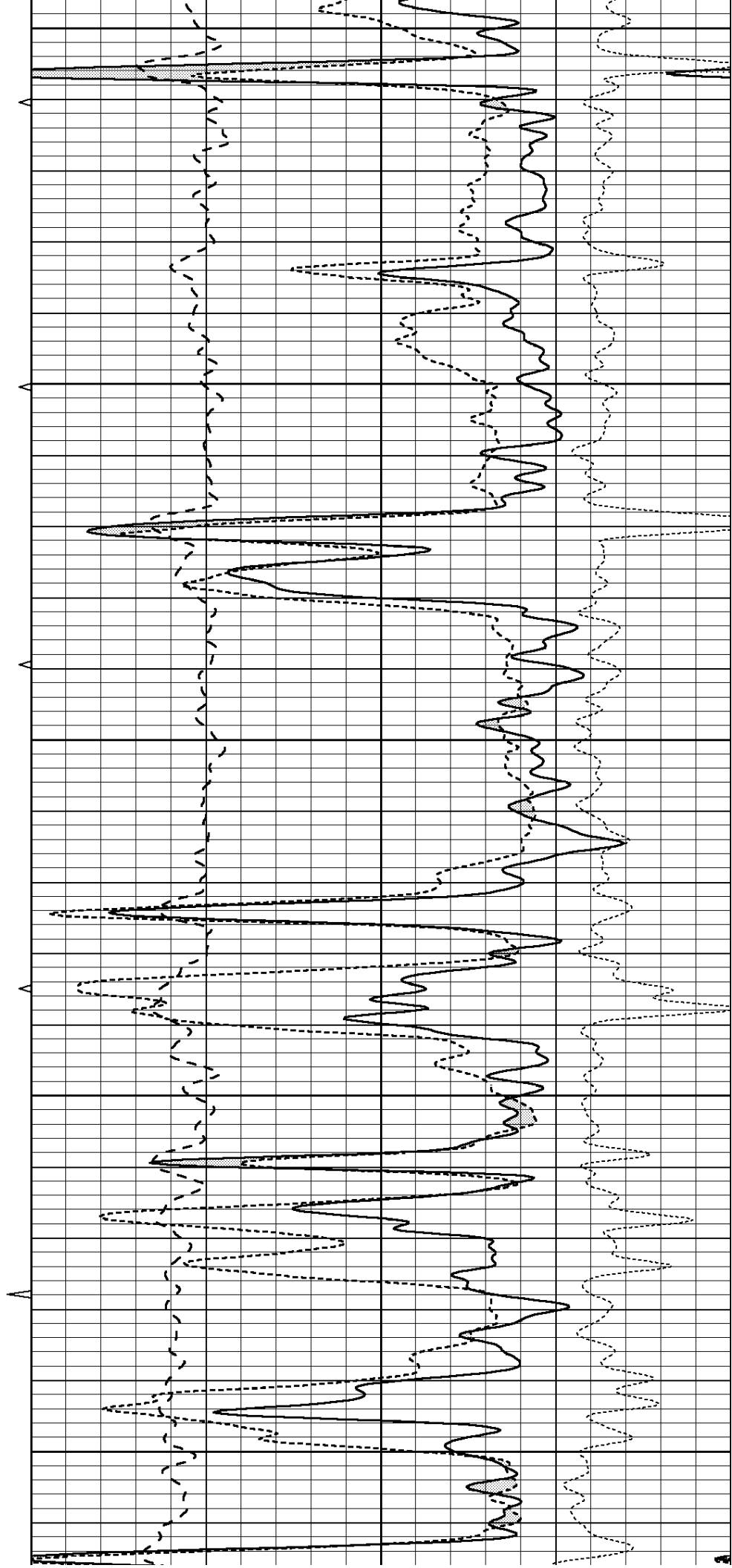
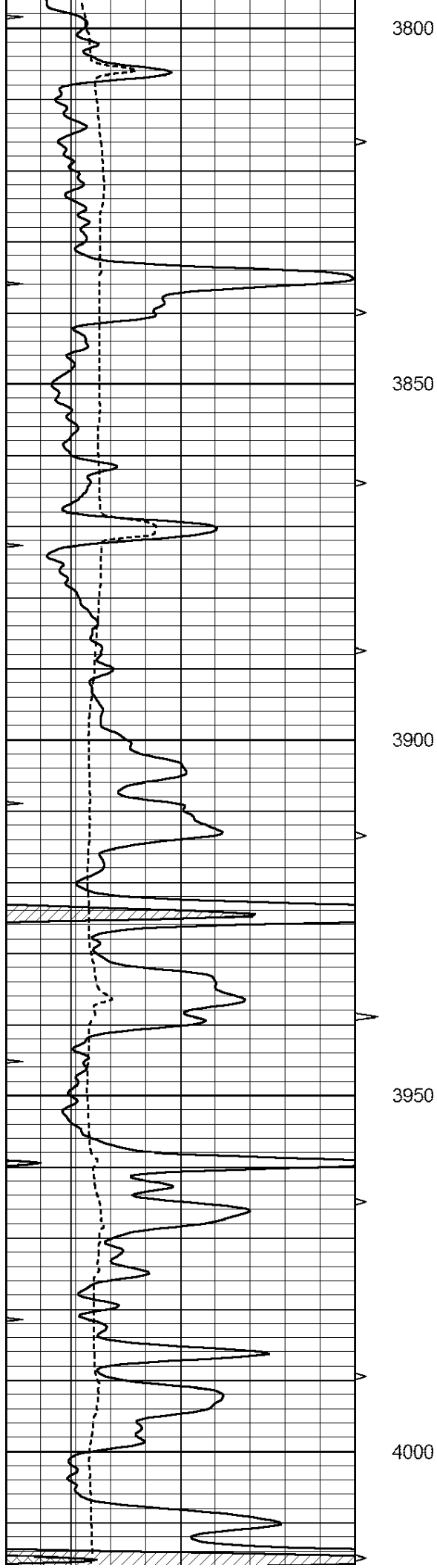
MAIN PASS

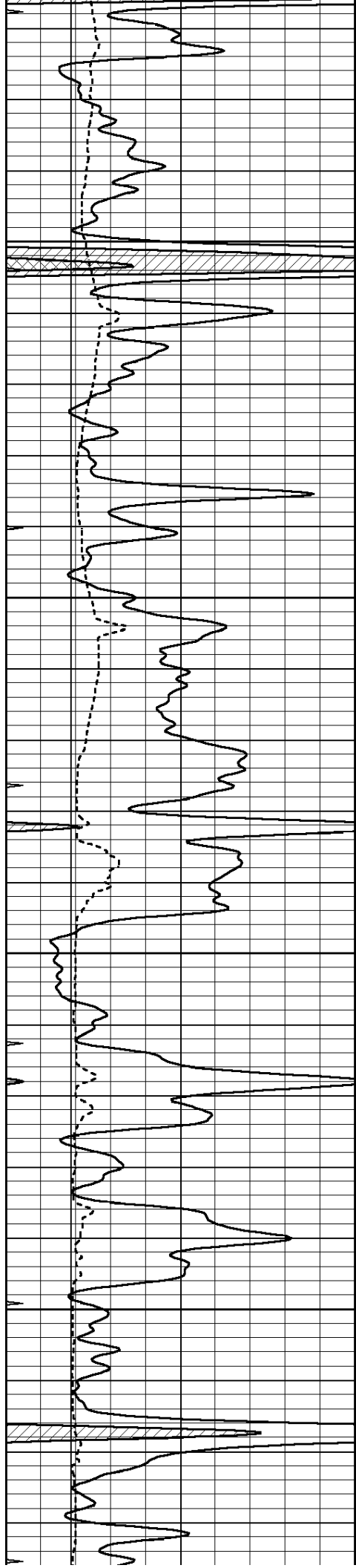
Database File: 3156pe.db
Dataset Pathname: pass3PE
Presentation Format: _ldt_neu
Dataset Creation: Thu Nov 08 14:25:02 2018
Charted by: Depth in Feet scaled 1:240

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		







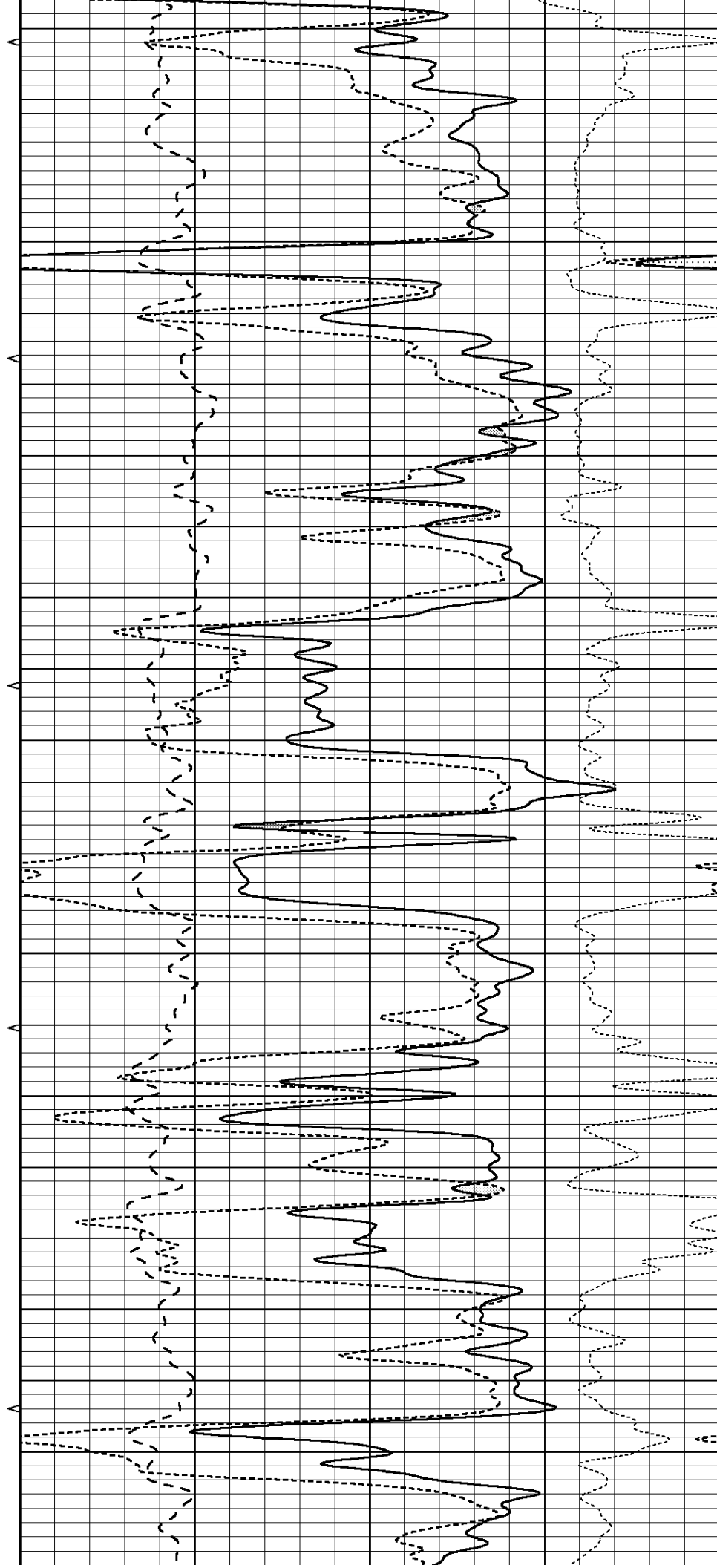


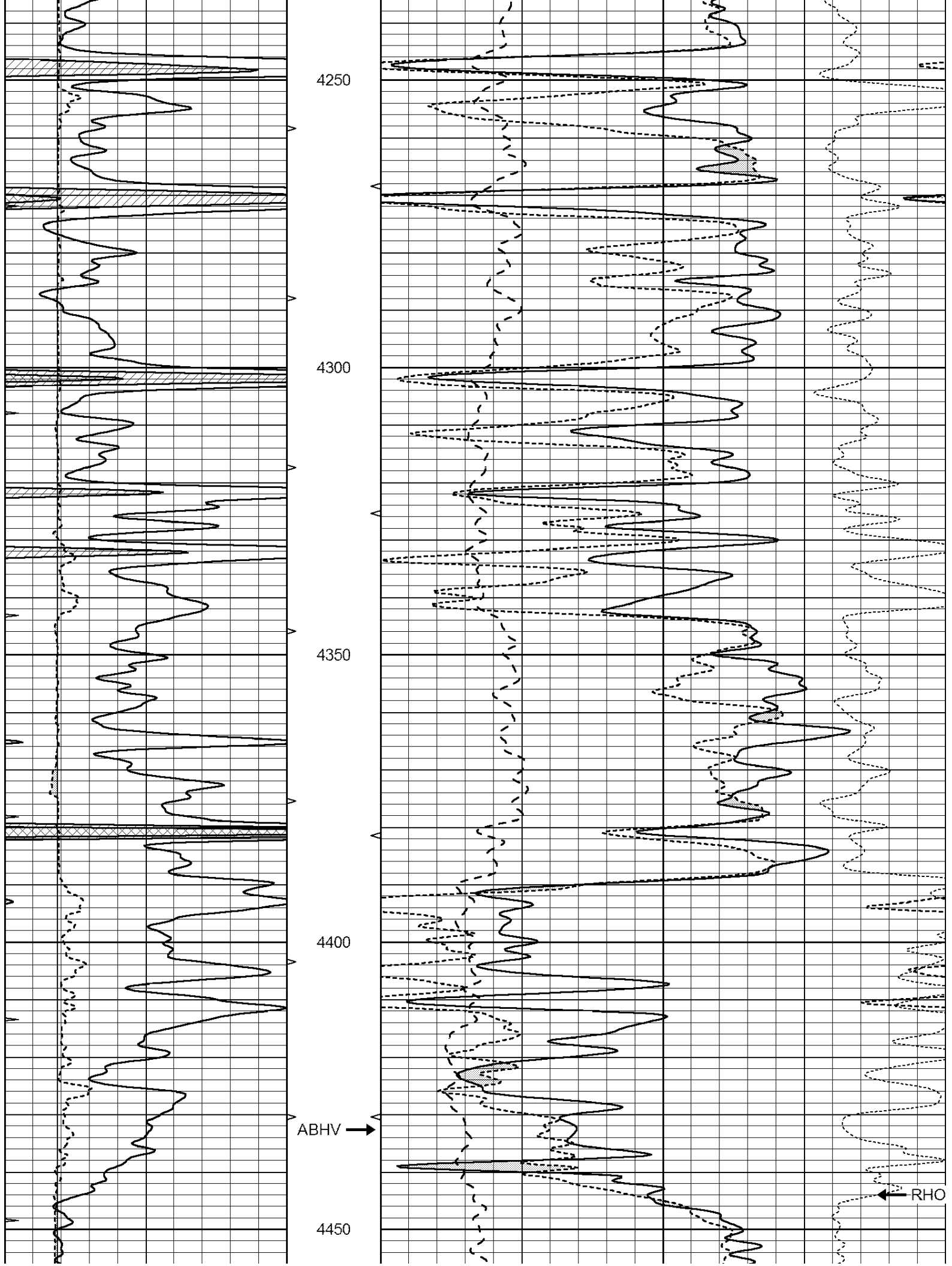
4050

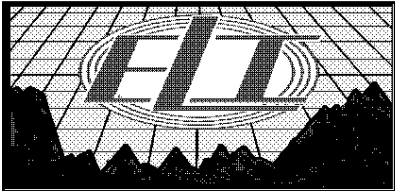
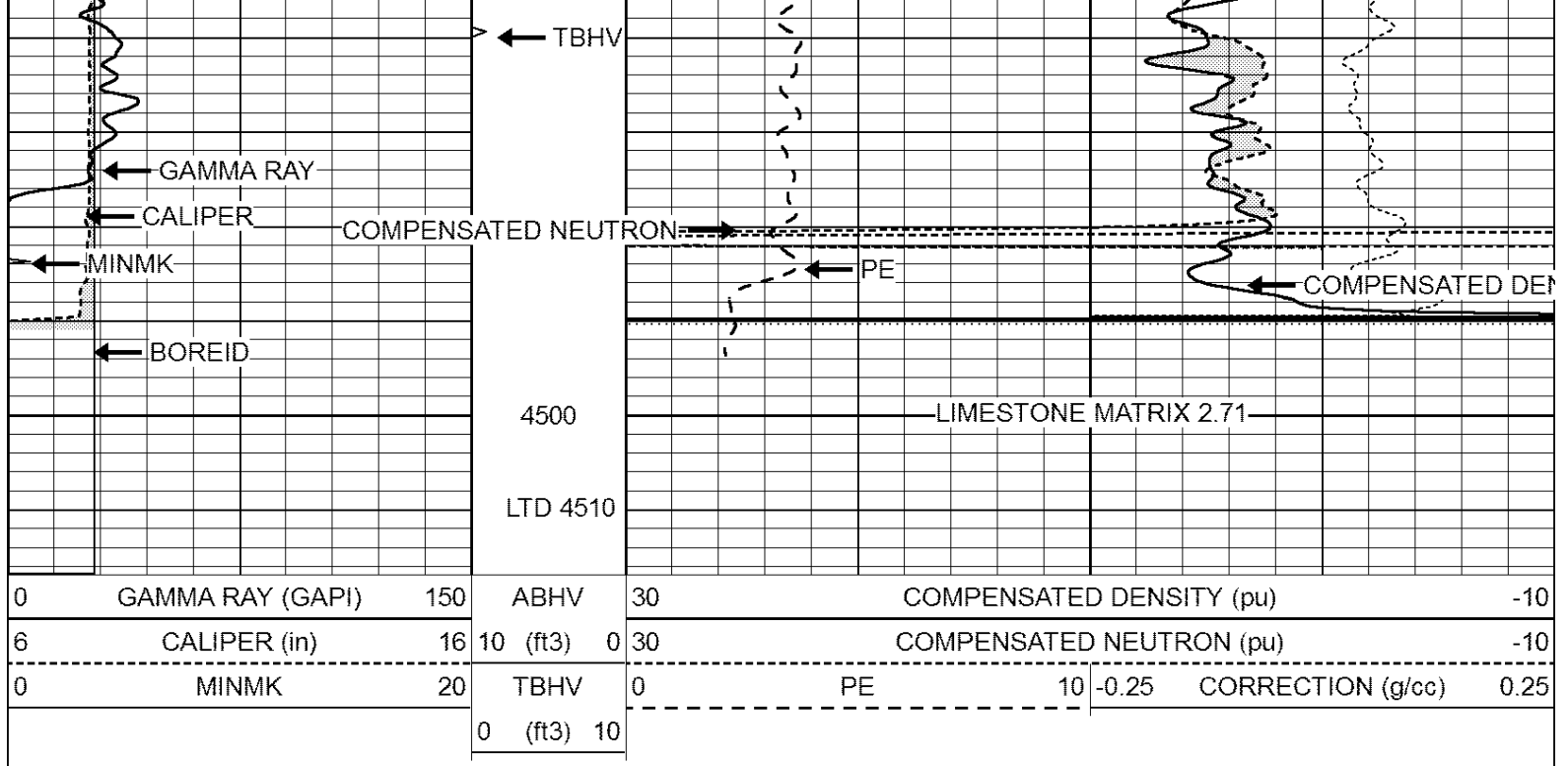
4100

4150

4200

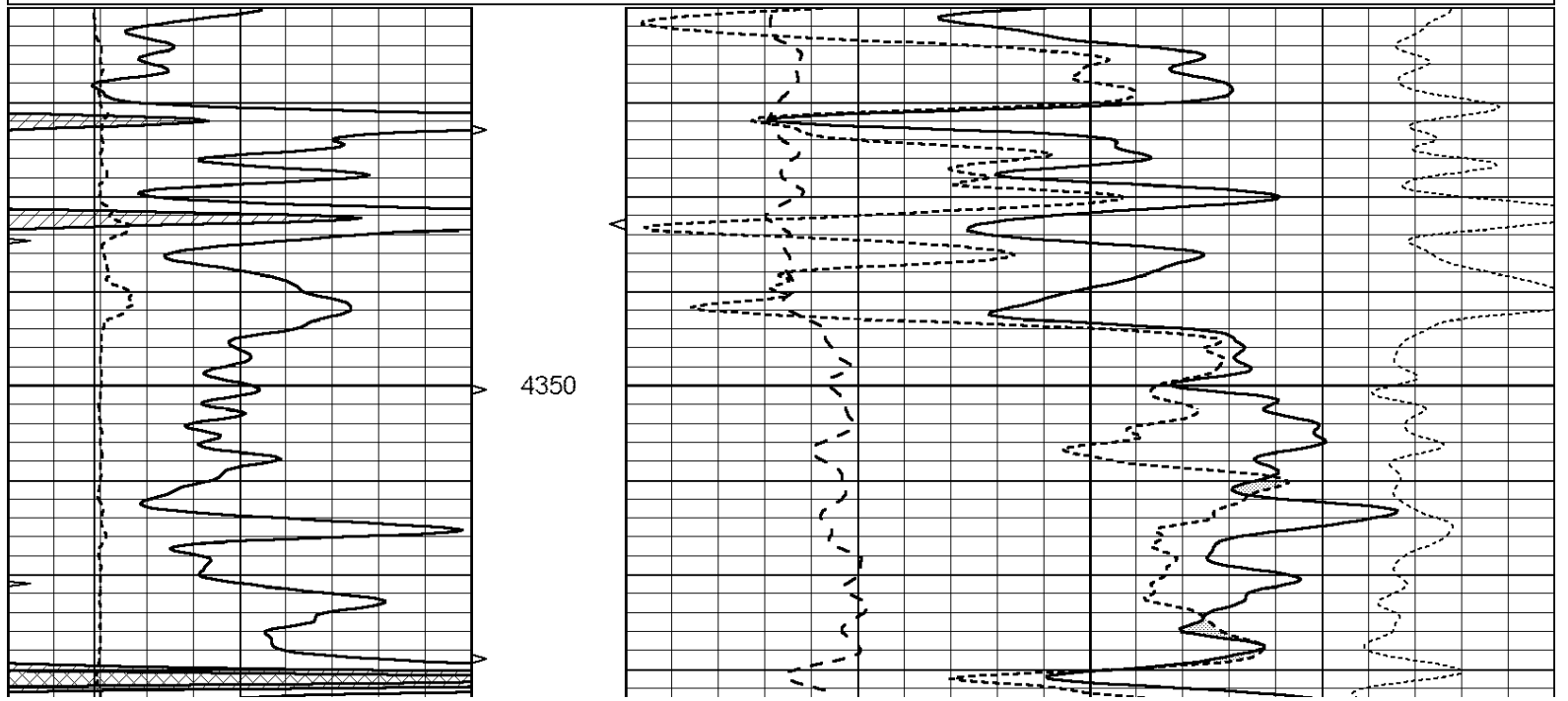
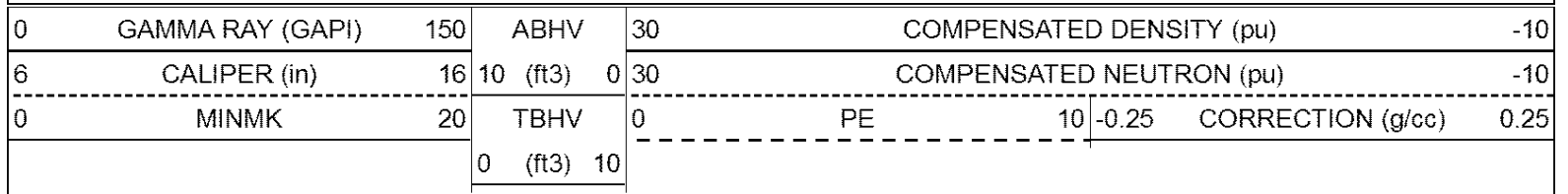


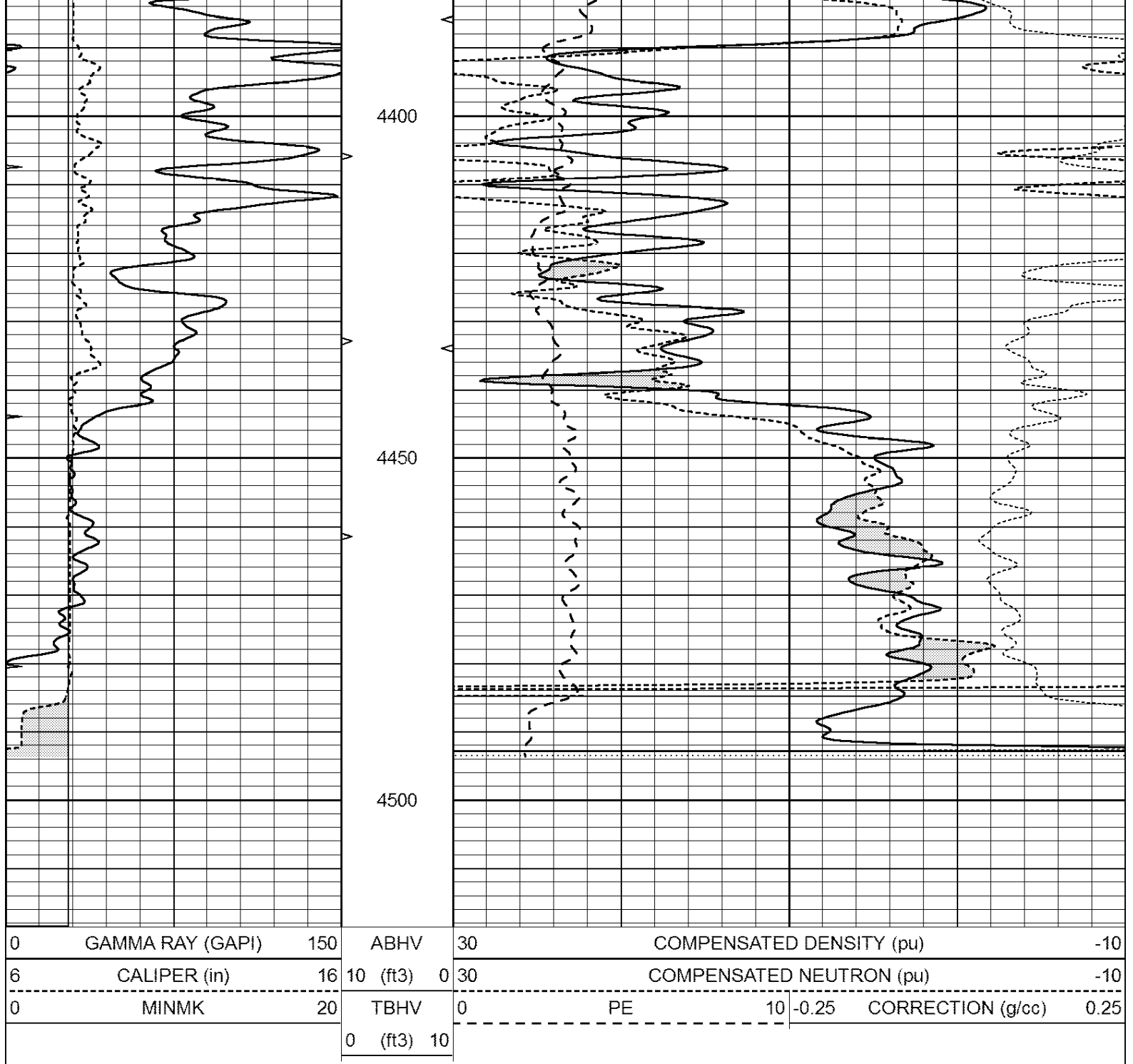




REPEAT SECTION

Database File: 3156pe.db
 Dataset Pathname: pass2RP
 Presentation Format: _ldt_neu
 Dataset Creation: Thu Nov 08 13:35:36 2018
 Charted by: Depth in Feet scaled 1:240





Calibration Report								
Database File:		3156pe.db						
Dataset Pathname:		pass2RP						
Dataset Creation:		Thu Nov 08 13:35:36 2018						
Dual Induction Calibration Report								
Serial-Model:		PROBE8-DILG						
Surface Cal Performed:		Mon Sep 10 14:28:35 2018						
Downhole Cal Performed:		Mon Sep 10 14:28:38 2018						
After Survey Verification Performed:		Mon Sep 10 14:28:40 2018						
Surface Calibration								
Readings			References			Results		
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.015	0.648	V	0.000	400.000	mmho/m	620.000	0.000

Medium	0.029	0.796	V	0.000	464.000	mmho/m	590.000	-12.000
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.017	0.657	V	0.000	400.000	mmho/m	625.153	-10.619
Medium	0.016	0.757	V	0.000	464.000	mmho/m	625.992	-9.739
Downhole Calibration								
	Readings			References			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	2.011	405.777	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	7.590	503.393	mmho/m	1.000	0.000
LL3		7.500	V		1500.000	Ohm-m		
		0.000	V		20.000	Ohm-m		
		-7.200	V		3800.000	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: 006				Model: PRB				
Master Calibration								
				Performed Thu Sep 27 12:07:11 2018				
	Background		Magnesium		Aluminum		Sandstone	
Window 1	1185.6		7077.4		2520.9		8182.4	cps
Window 2	1116.8		5910.1		2163.2		6739.4	cps
Window 3	880.1		3145.8		1325.0		3461.2	cps
Window 4	289.5		295.8		290.8		295.3	cps
Long Space	0.0		4793.3		1046.5		5622.7	cps
Short Space	2.9		1608.0		1038.9		1622.7	cps
Rho			1.7100		2.5960		1.3800	g/cc
Pe			0.0000		2.5700		1.5500	
Rib Angle	: 44.0		Rib Slope	: 0.965	Density/Spine Ratio			: 0.560
Spine Angle	: 74.0		Spine Slope	: 3.484	Spine Intercept			: -17.2
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:	6l
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

PRE-SURVEY VERIFICATION						
Detector		Readings		Measured		Target
1)	Short Space		cps			
	Long Space		cps	pu		pu
2)	Short Space		cps			
	Long Space		cps	pu		
3)	Short Space		cps			
	Long Space		cps	pu		

POST-SURVEY VERIFICATION						
Detector		Readings		Measured		Target
1)	Short Space		cps			
	Long Space		cps	pu		pu
2)	Short Space		cps			
	Long Space		cps	pu		pu
3)	Short Space		cps			
	Long Space		cps	pu		pu

Gamma Ray Calibration Report

Serial Number:	GR6	
Tool Model:	OPEN	
Performed:	Mon Sep 10 14:29:23 2018	
Calibrator Value:	150.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	276.0	cps
Sensitivity:	0.5500	GAPI/cps