

COMPENSATED DENSITY/NEUTRON PE/LOG

Company	EAGLE CREEK CORP.	Company	EAGLE CREEK CORP.
Well	HOSS UNIT #1-2	Well	HOSS UNIT #1-2
Field	WESLEY SOUTHWEST	Field	WESLEY SOUTHWEST
County	NESS	County	NESS
State	KANSAS	State	KANSAS
Location:	API # : 15-135-26092-0000 1672' FSL & 150' FEL	Other Services DIL/MEL	
Permanent Datum	GROUND LEVEL Elevation	Elevation	
Log Measured From	KELLY BUSHING 5' A.G.L.	K.B. 2366 D.F. 2364 G.L. 2361	
Drilling Measured From	KELLY BUSHING		
Date	03/15/20		
Run Number	ONE		
Depth Driller	4428		
Depth Logger	4425		
Bottom Logged Interval	4405		
Top Log Interval	3600		
Casing Driller	8 5/8" @ 601		
Casing Logger	601		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.2/44		
pH / Fluid Loss	9.5/9.2		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.65 @ 62F		
Rmf @ Meas. Temp	.49 @ 62F		
Rmc @ Meas. Temp	.78 @ 62F		
Source of Rmf / Rmc	MEASURED		
Rm @ BHT	.33 @ 120F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	////		
Maximum Recorded Temperature	120F		
Equipment Number	1523		
Location	HAYS, KANSAS		
Recorded By	GUS PFANENSTIEL		
Witnessed By	BOB O'DELL		

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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

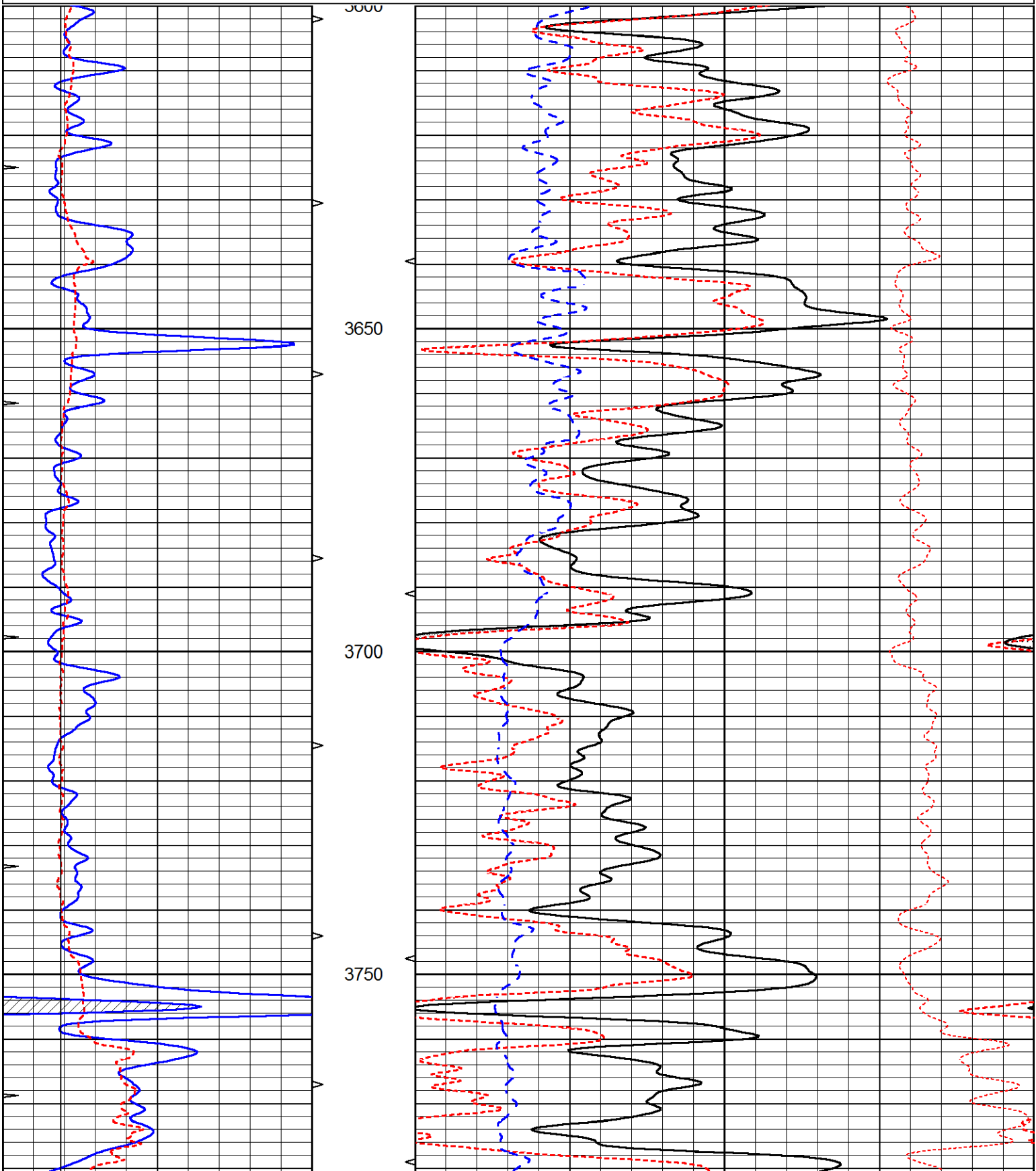
DIRECTIONS: NESS FOUR WAY STOP SOUTH 7 MILES TO 60 RD.
7W,1S,1W,N INTO.

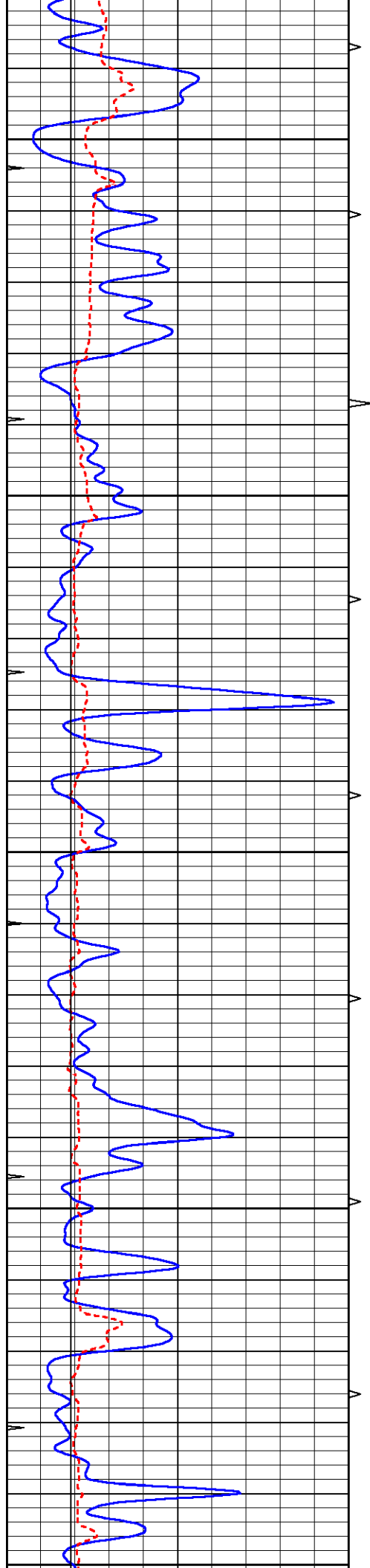


MAIN PASS

Database File	4684pe.db
Dataset Pathname	pass3.1
Presentation Format	_ldt_neu
Dataset Creation	Sun Mar 15 19:11:08 2020
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
			0 (ft3)	10	CORRECTION (g/cc)	0.25





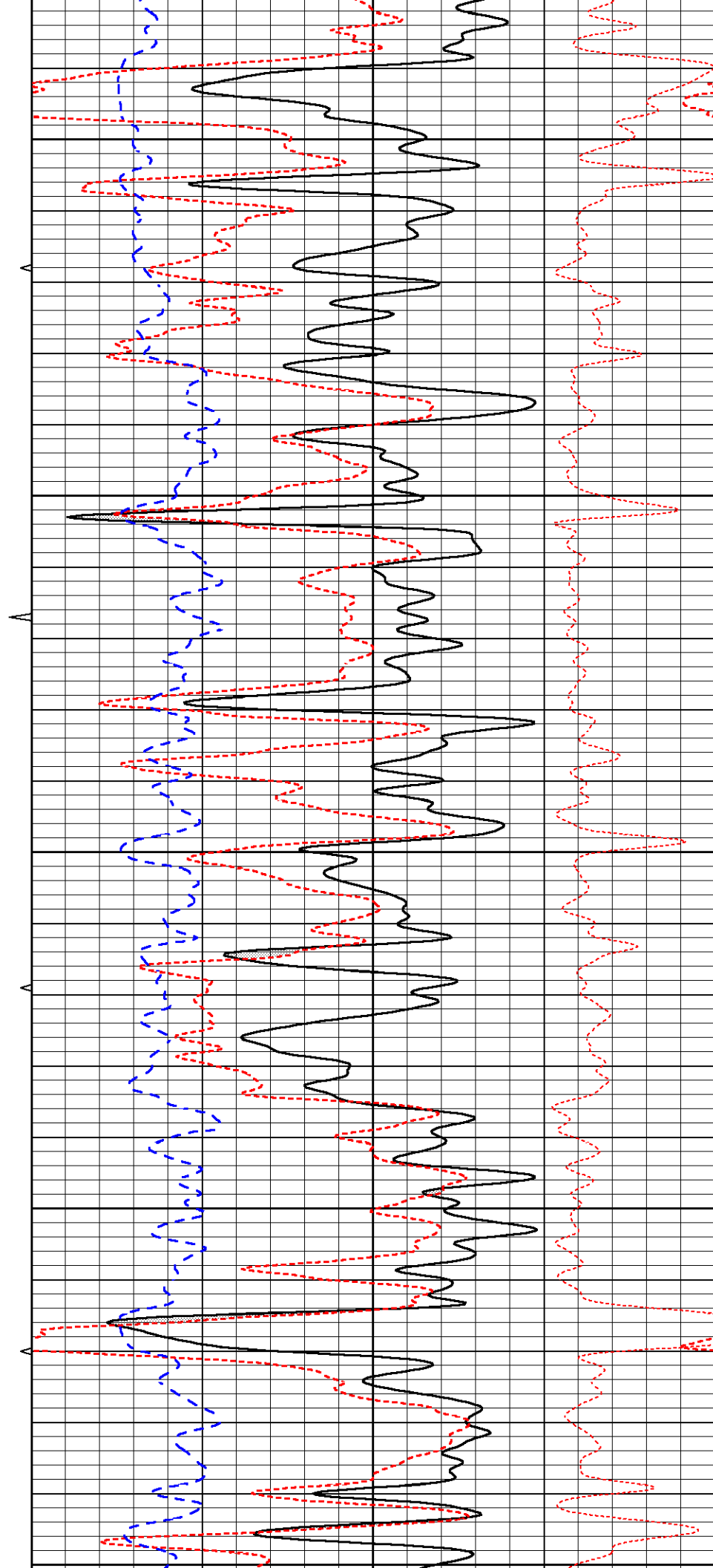
3800

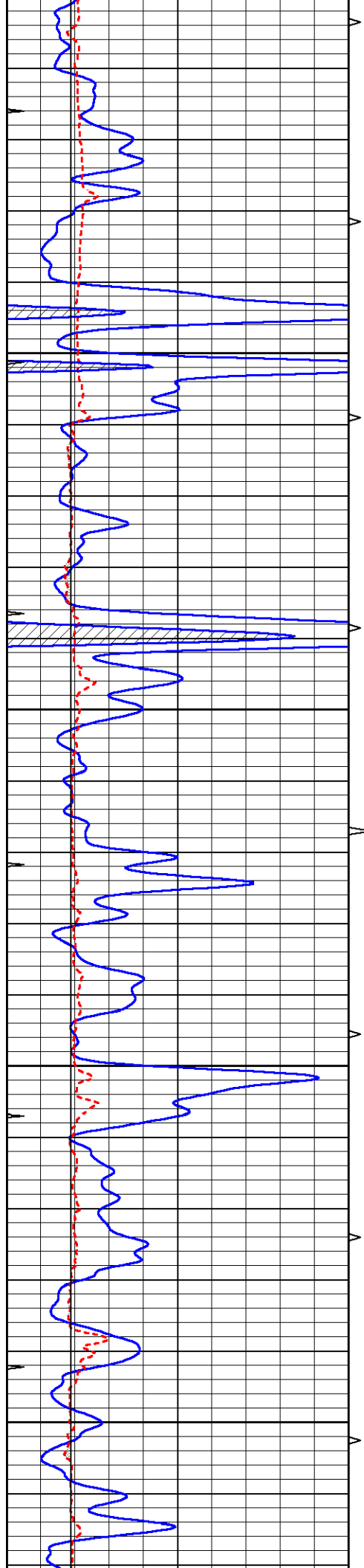
3850

3900

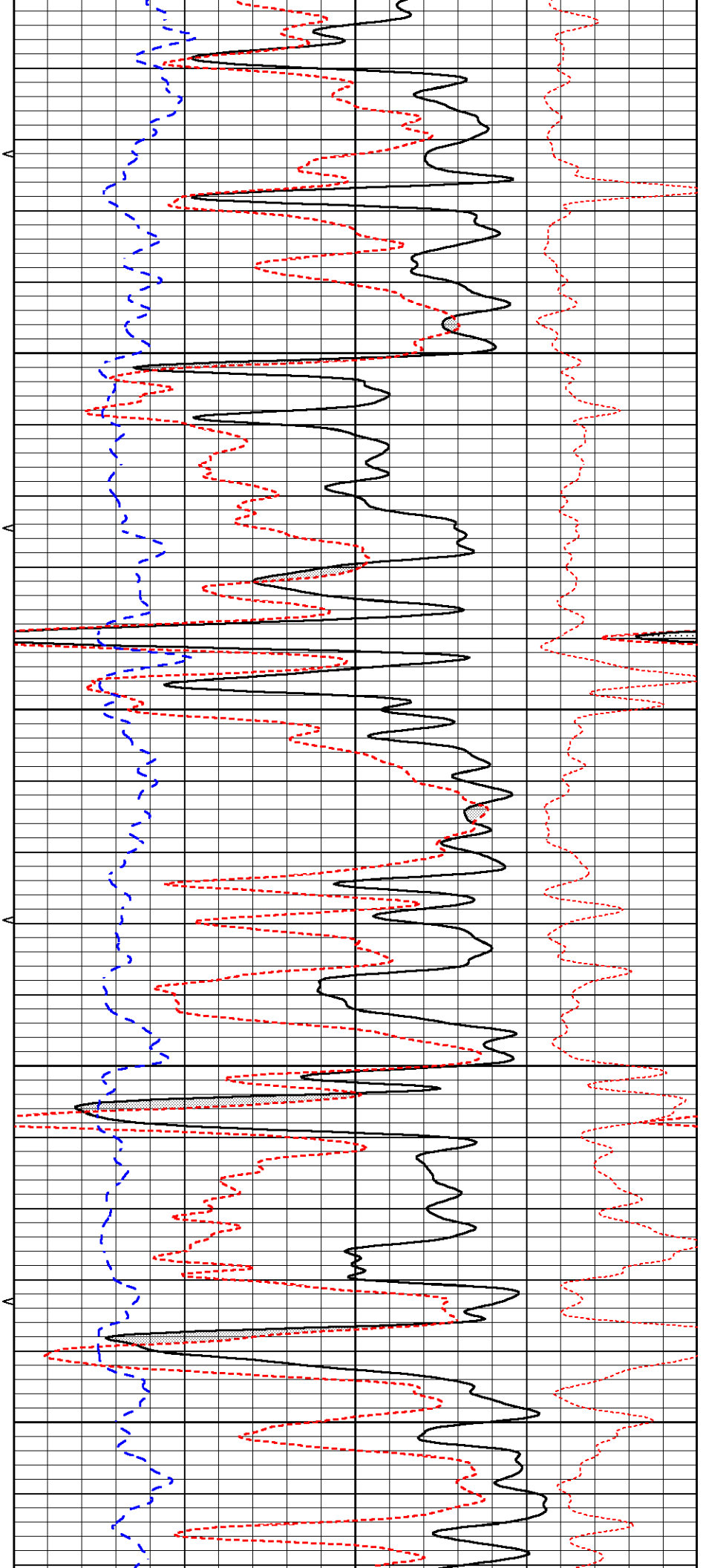
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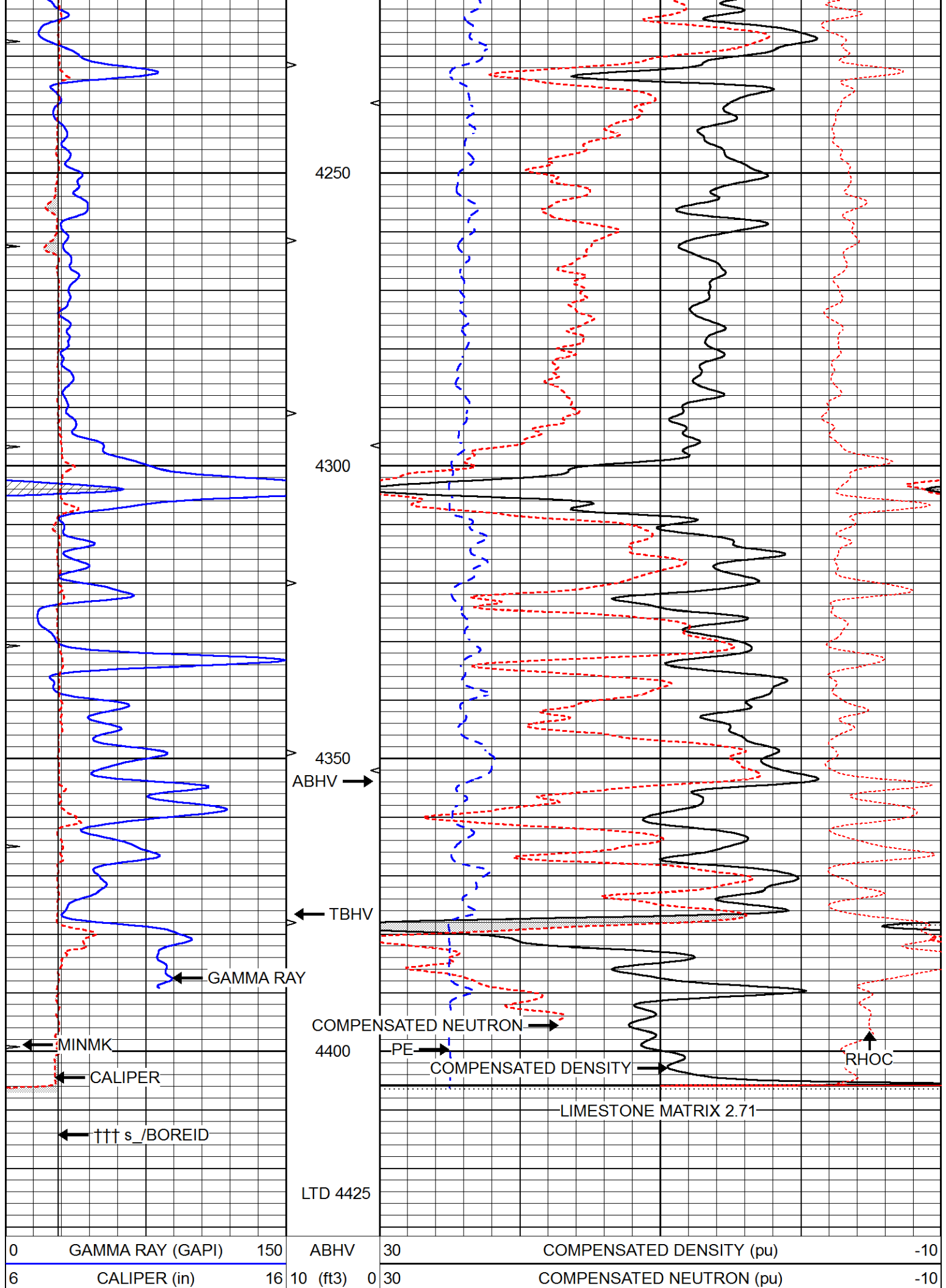
4000





4050
4100
4150
4200





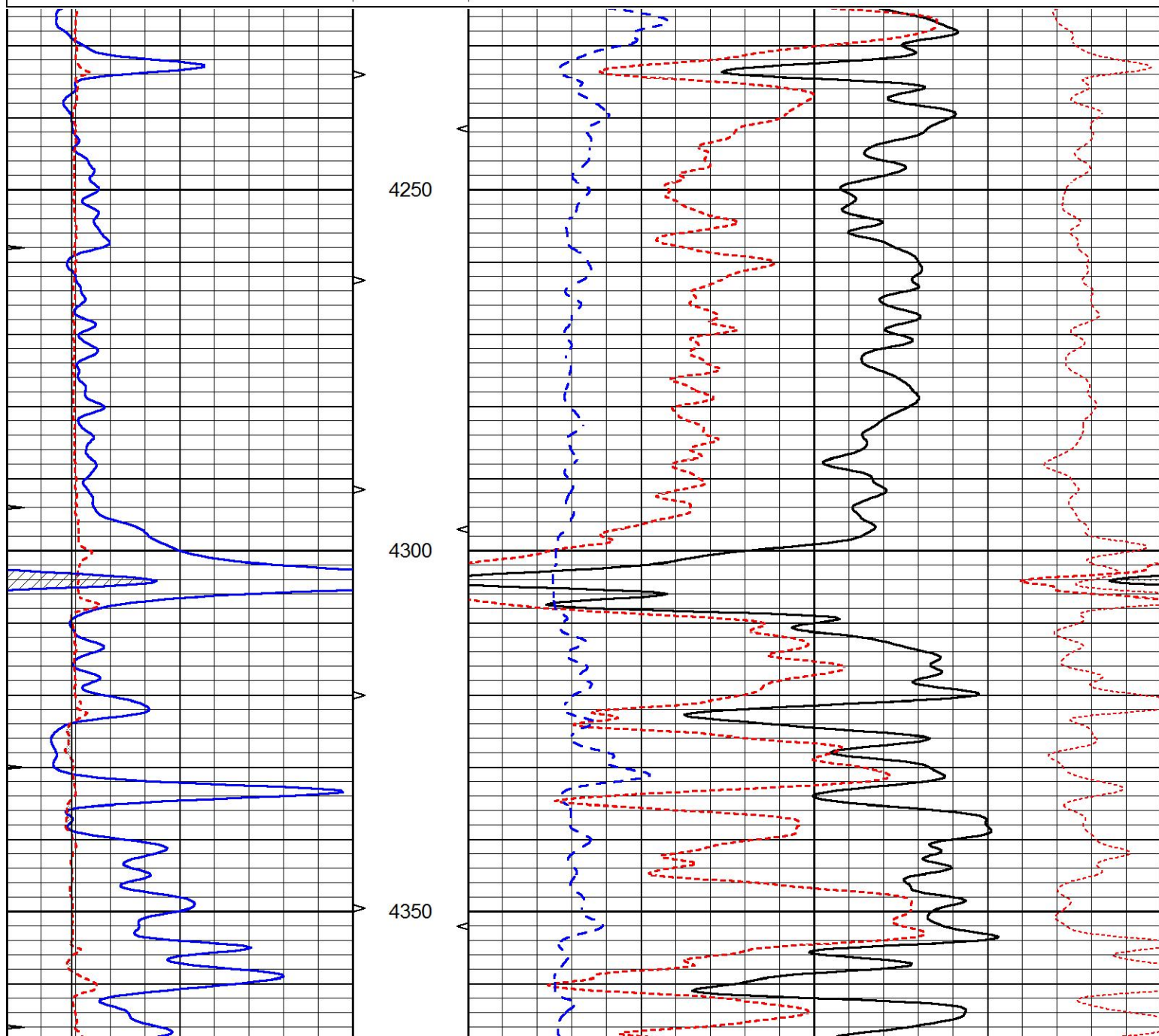
0	MINMK	20	TBHV	0	PE	10	-0.25	CORRECTION (g/cc)	0.25
			0 (ft3) 10						

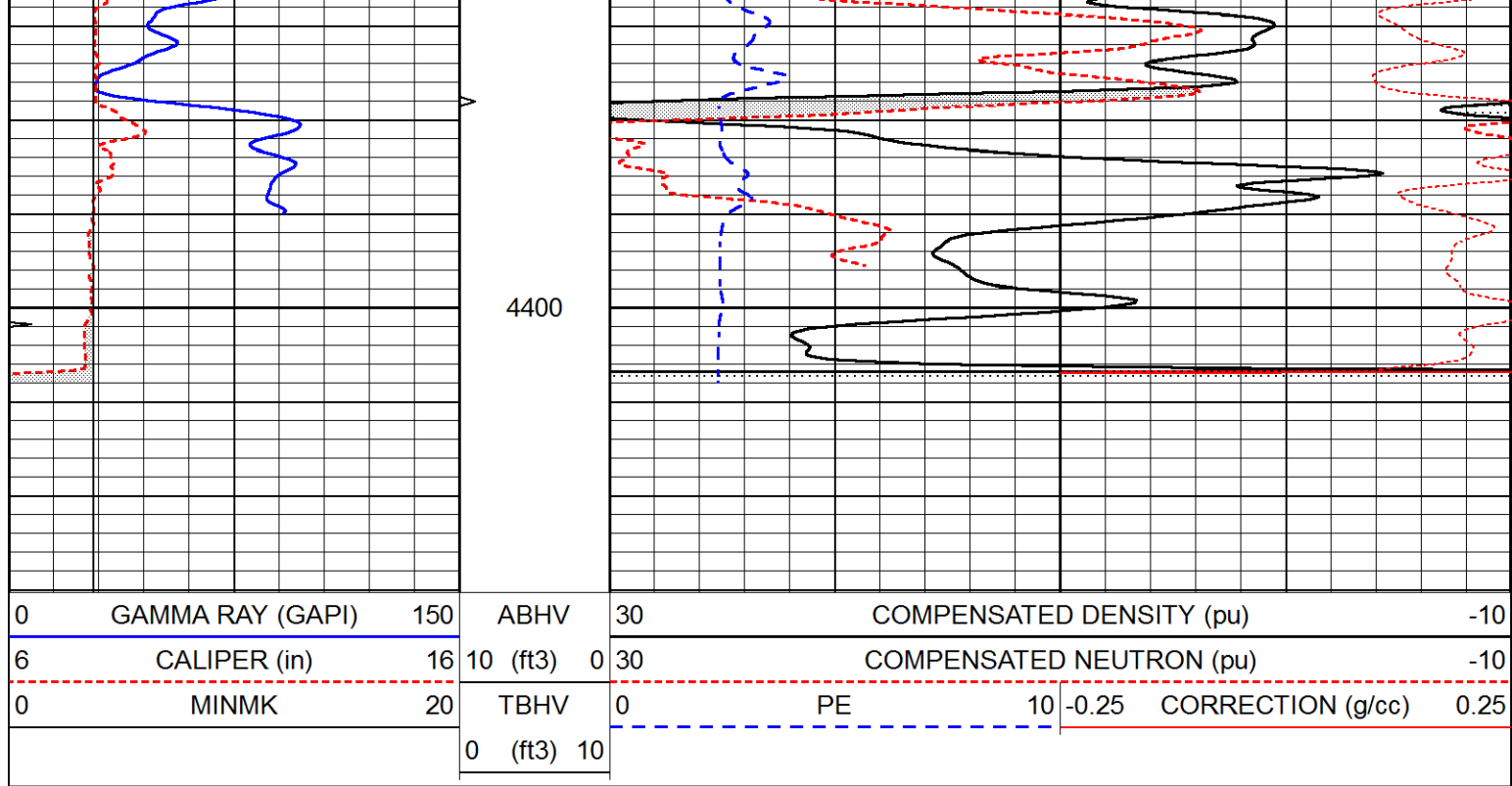


REPEAT SECTION

Database File 4684pe.db
 Dataset Pathname pass2.1
 Presentation Format _ldt_neu
 Dataset Creation Sun Mar 15 18:39:04 2020
 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 (ft3) 10		-0.25	CORRECTION (g/cc) 0.25





Calibration Report									
Database File	4684pe.db								
Dataset Pathname	pass2.1								
Dataset Creation	Sun Mar 15 18:39:04 2020								
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: 001N Model: PRB

Master Calibration			Performed Tue Mar 10 15:59:29 2020					
	Background		Magnesium		Aluminum		Aluminum+Fe	
Window 1	1609.4		7366.1		2835.8		2614.7	cps
Window 2	1500.8		6397.3		2544.6		2378.3	cps
Window 3	1220.6		3557.1		1714.0		1653.8	cps
Window 4	366.1		362.7		367.3		362.1	cps
Long Space	0.0		4896.5		1043.8		877.5	cps
Short Space	2.9		1687.6		1103.1		923.7	cps
Rho			1.7100		2.5900		0.0000	g/cc
Pe			2.0000		2.7500		5.7900	
Rib Angle	: 44.6		Rib Slope	: 0.987		Density/Spine Ratio		: 0.549
Spine Angle	: 74.6		Spine Slope	: 3.635		Spine Intercept		: -18.5

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:	6I
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:		Wed Jul 03 12:57:34 2019		
Calibrator Value:		150.0	GAPI	
Background Reading:		0.0	cps	
Calibrator Reading:		276.0	cps	
Sensitivity:		0.5700	GAPI/cps	