



**COMPLETION
& PRODUCTION
SERVICES CO.**

**COMPENSATED
DENSITY / NEUTRON
LOG**

Company	TRANS PACIFIC OIL CORPORATION		
Well	BUTLER-BEALOR UNIT A #1-6		
Field	WILDCAT		
County	EDWARDS	State	KANSAS
Location:	API # : 15-047-21622-00-00		Other Services
	660' FNL & 1320' FEL E2 - N2 - NE		DIL 1
	SEC 6 TWP 25S RGE 20W		Elevation
Permanent Datum	GROUND LEVEL	Elevation	K.B. 2262
Log Measured From	KELLY BUSHING 12' A.G.L.		D.F. 2260
Drilling Measured From	KELLY BUSHING		G.L. 2250
Date	9-25-13		
Run Number	ONE		
Depth Driller	4800		
Depth Logger	4796		
Bottom Logged Interval	4745		
Top Log Interval	3800 / 2800-2400		
Casing Driller	8 5/8 " @ 311'		
Casing Logger	308		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 16,000	
Density / Viscosity	8.9 / 71		
pH / Fluid Loss	10.5 / 15.6		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	0.24 @ 90F		
Rmf @ Meas. Temp	0.18 @ 90F		
Rmc @ Meas. Temp	0.29 @ 90F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	0.18 @ 123F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	123F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	IAN MABB		
Witnessed By	BRAD RINE		

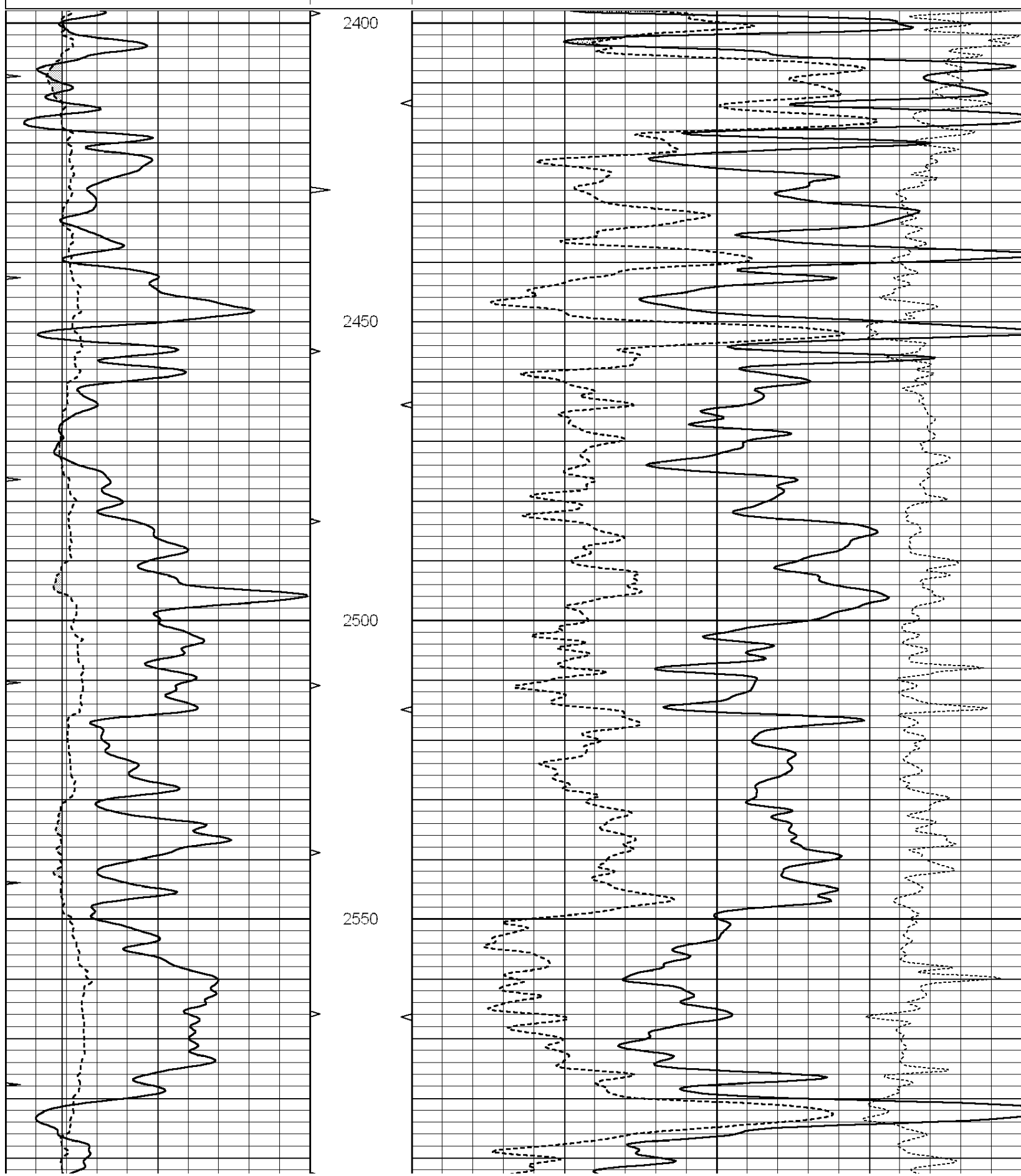
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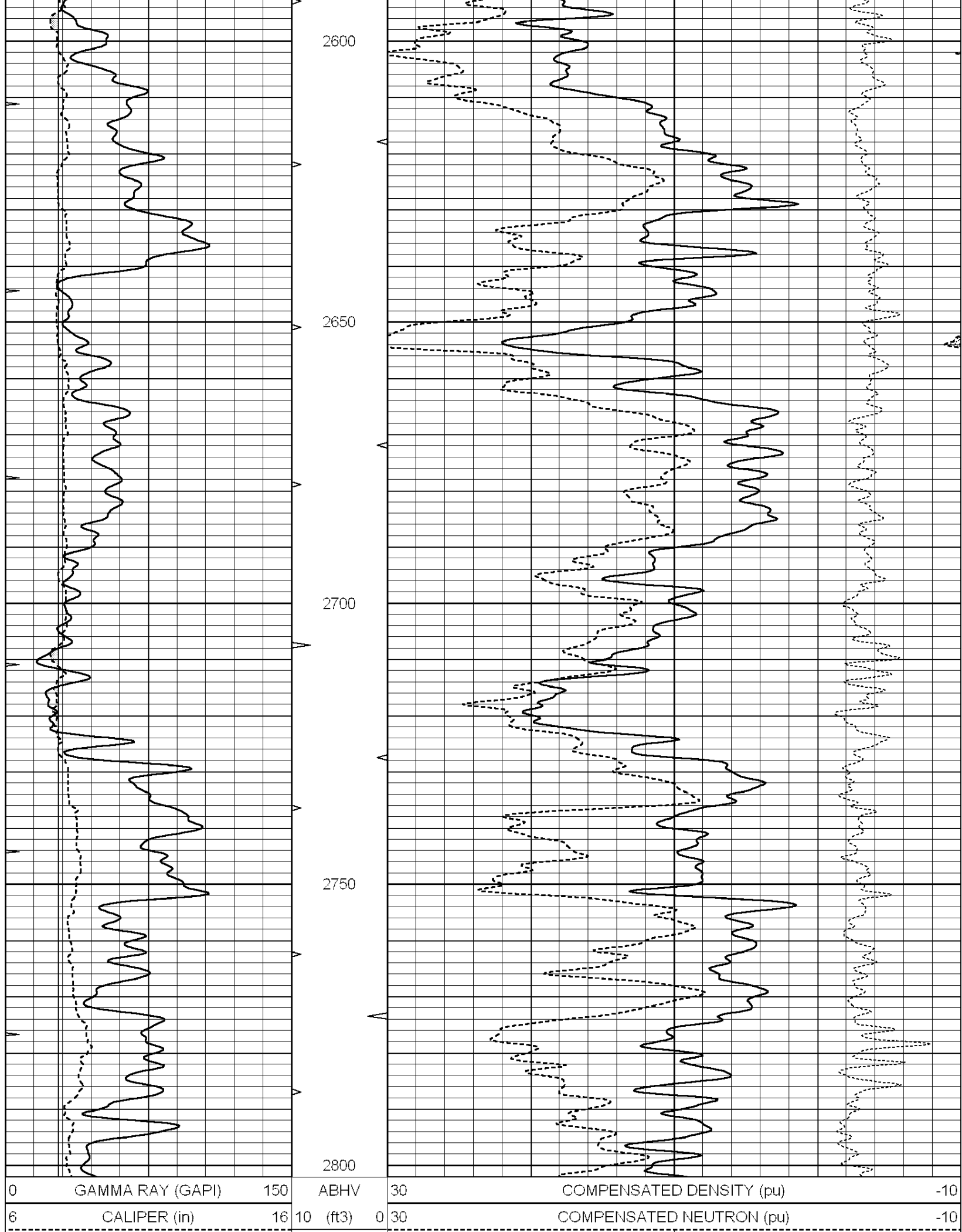
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

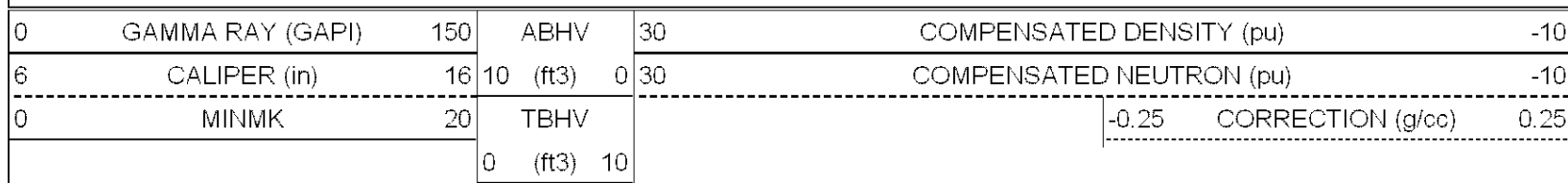
Comments

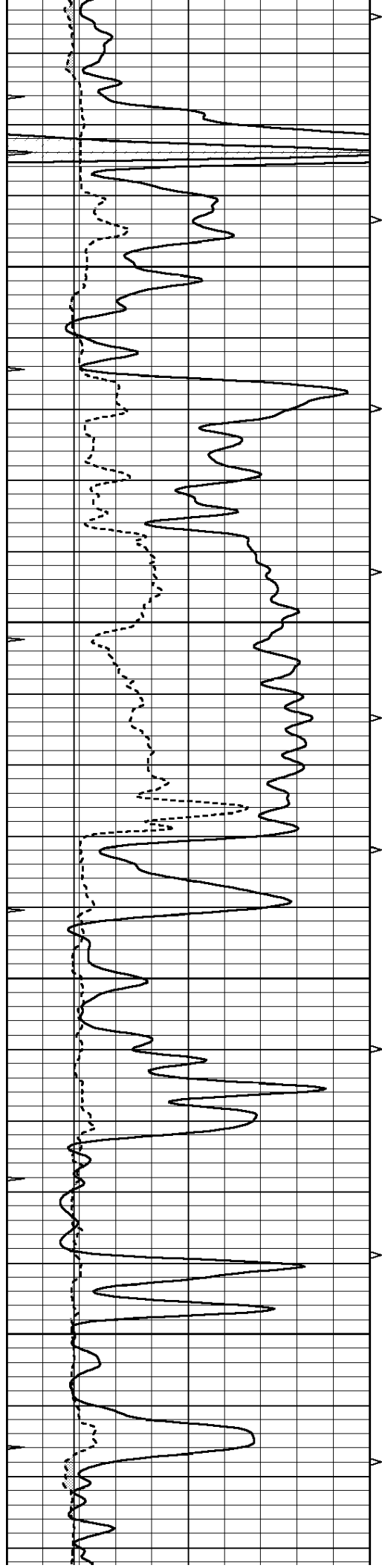
NABORS COMPLETION & PRODUCTION SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: OFFERLE, KS. - 1/2 MILE EAST - NORTH 1 MILE - WEST INTO

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		







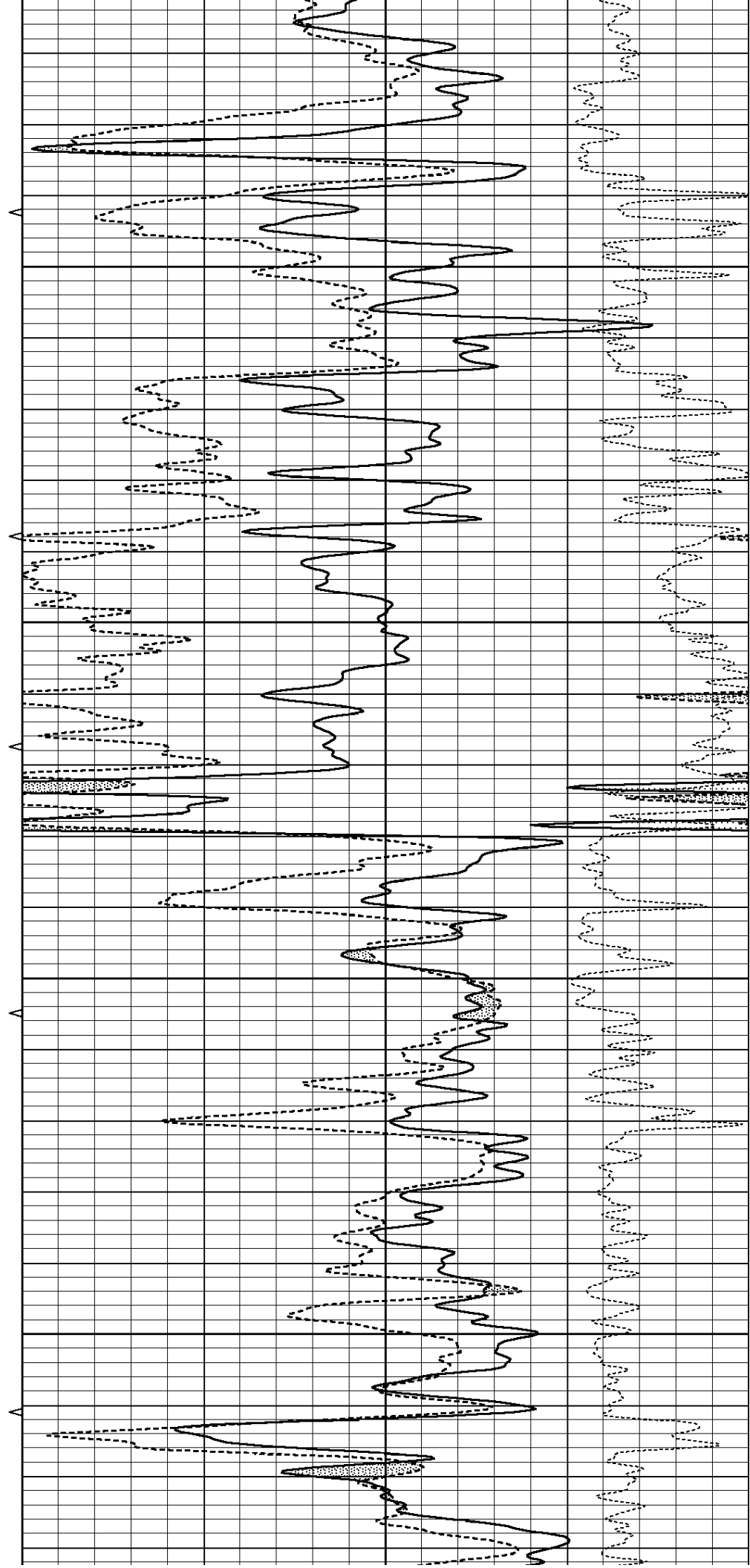


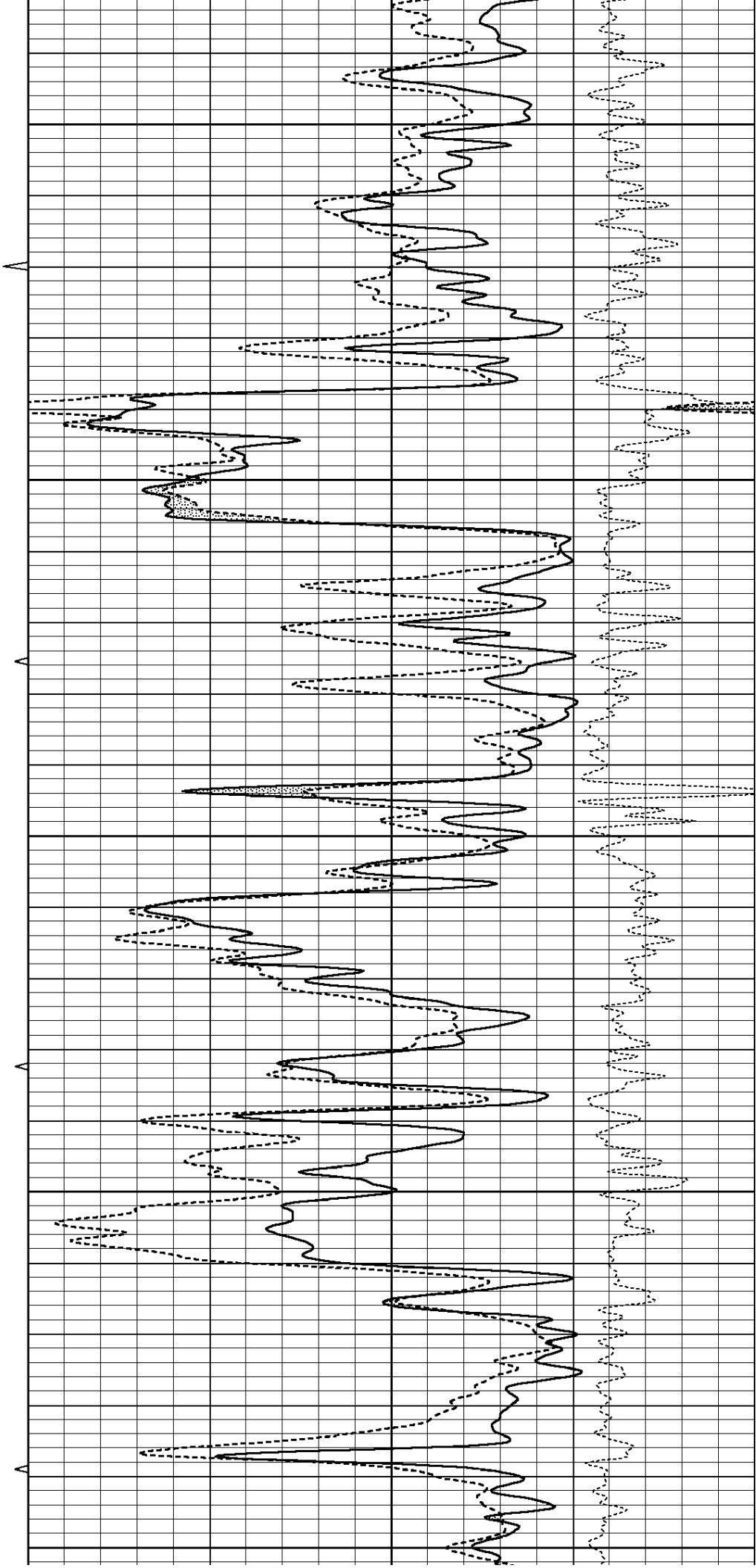
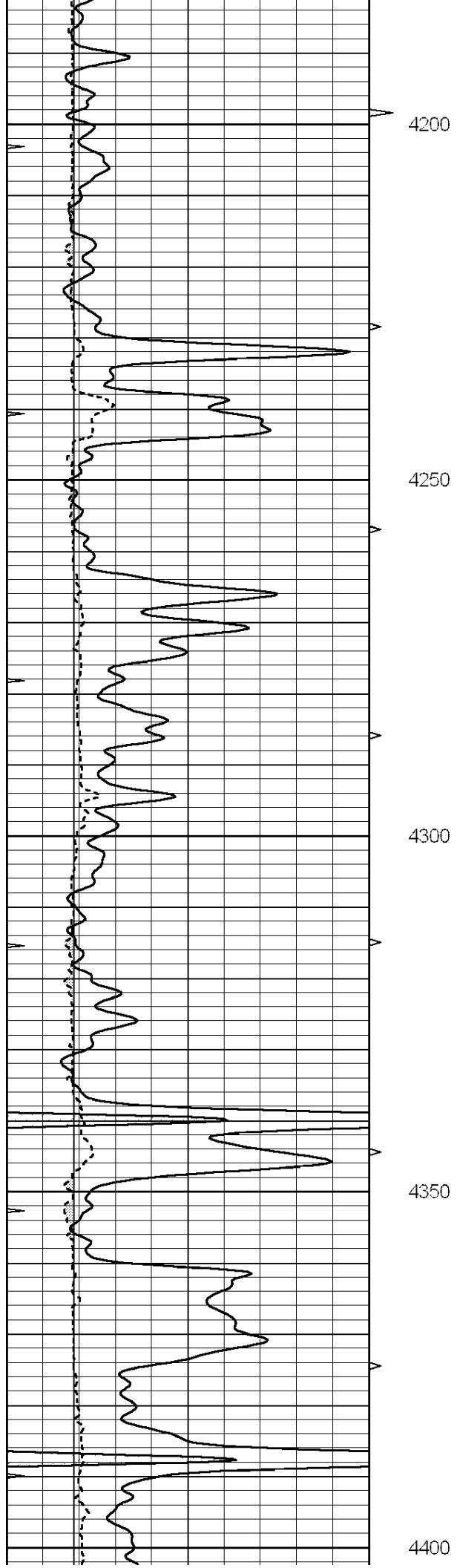
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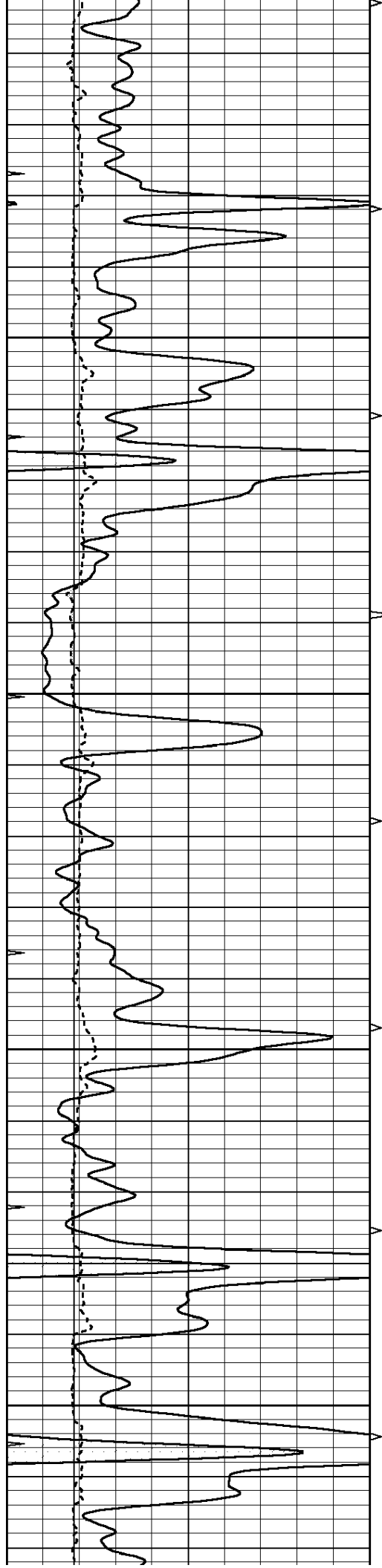
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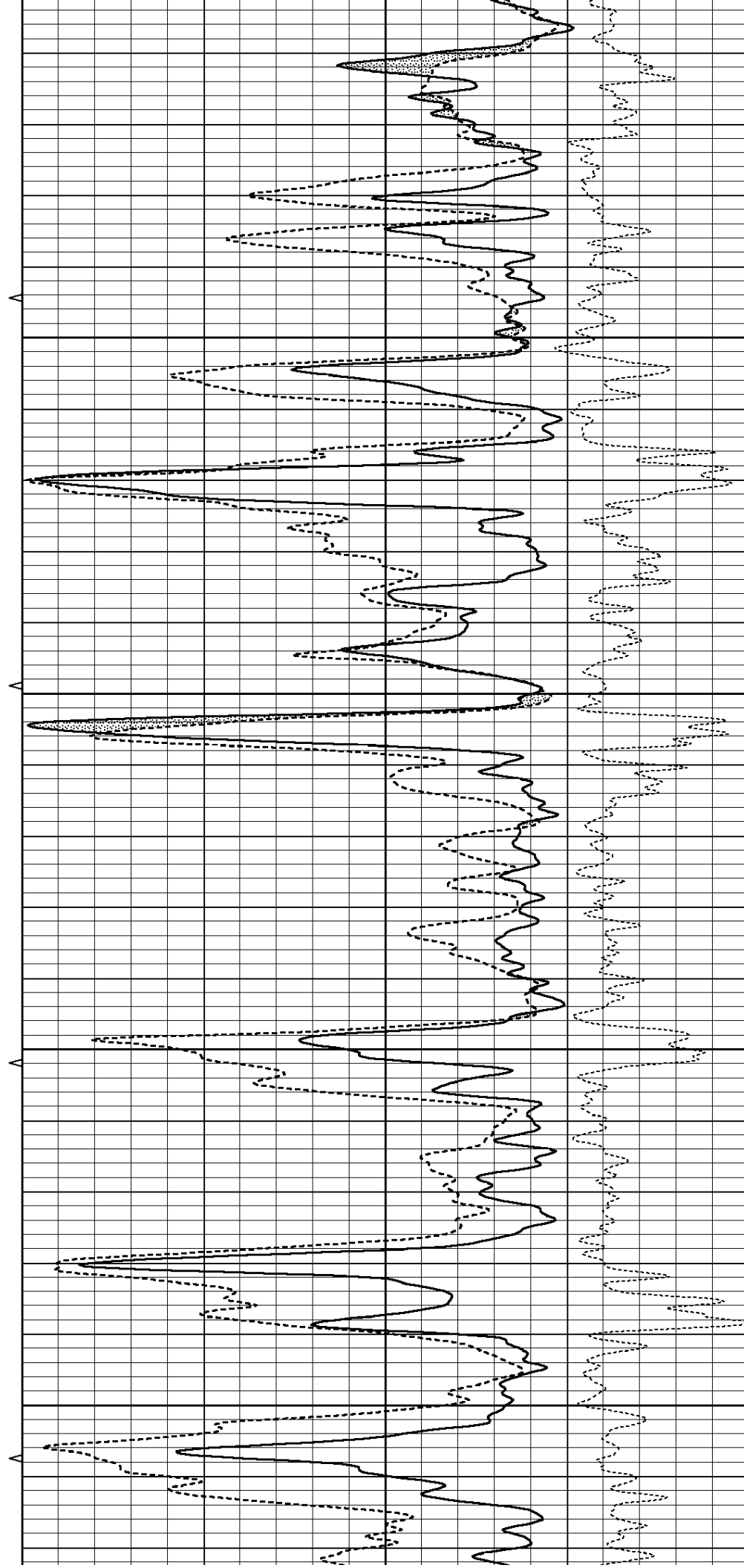


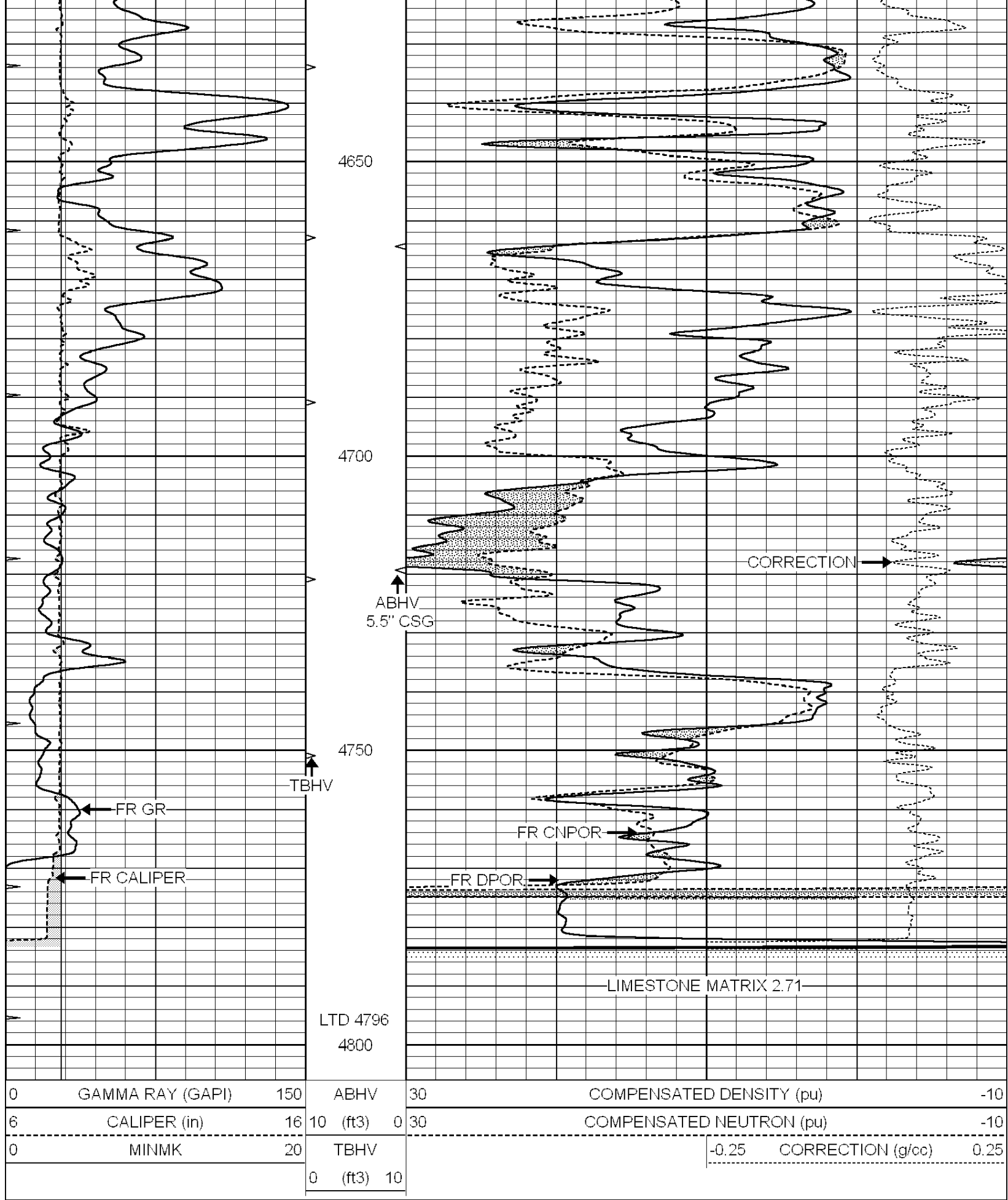
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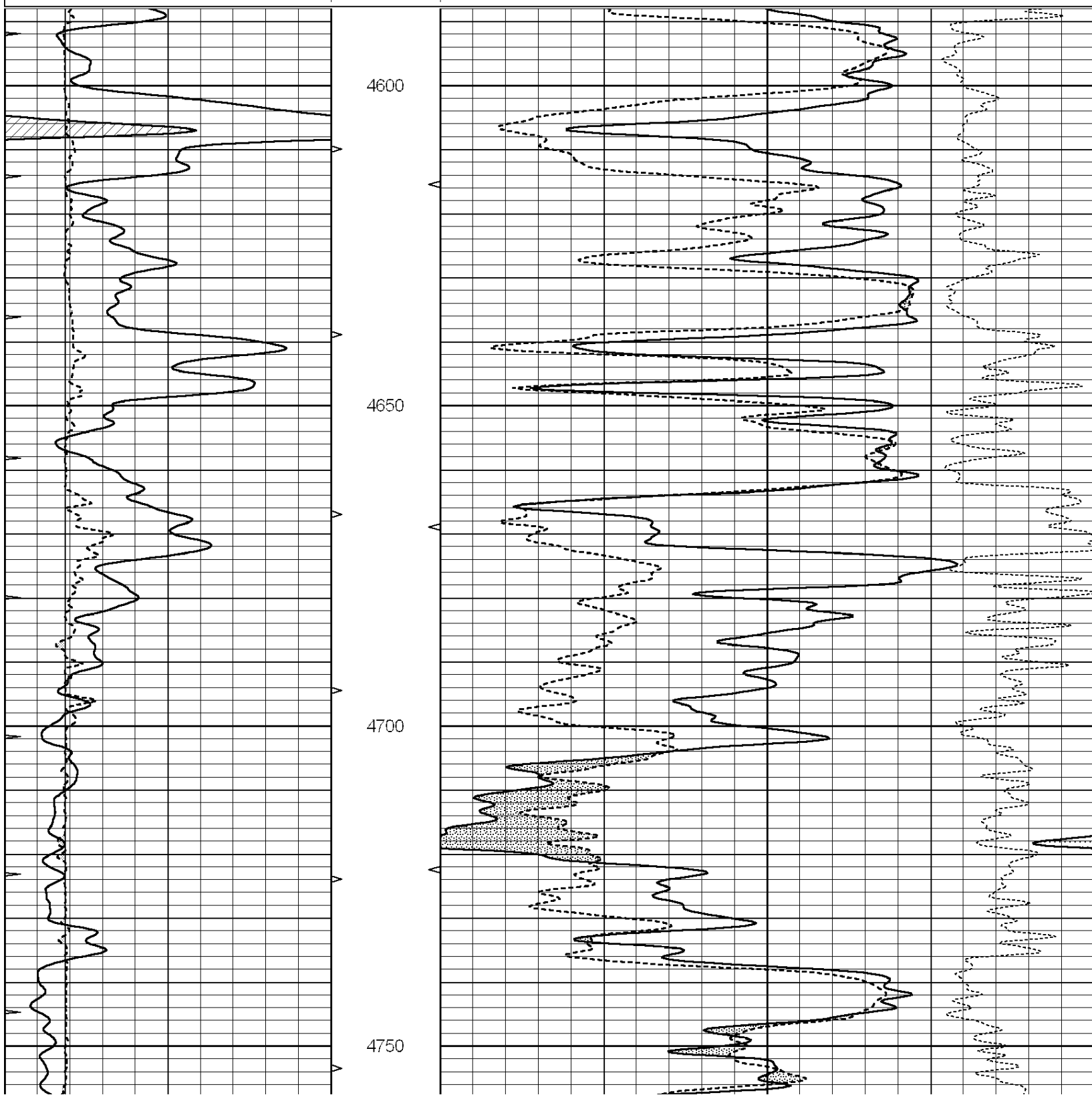
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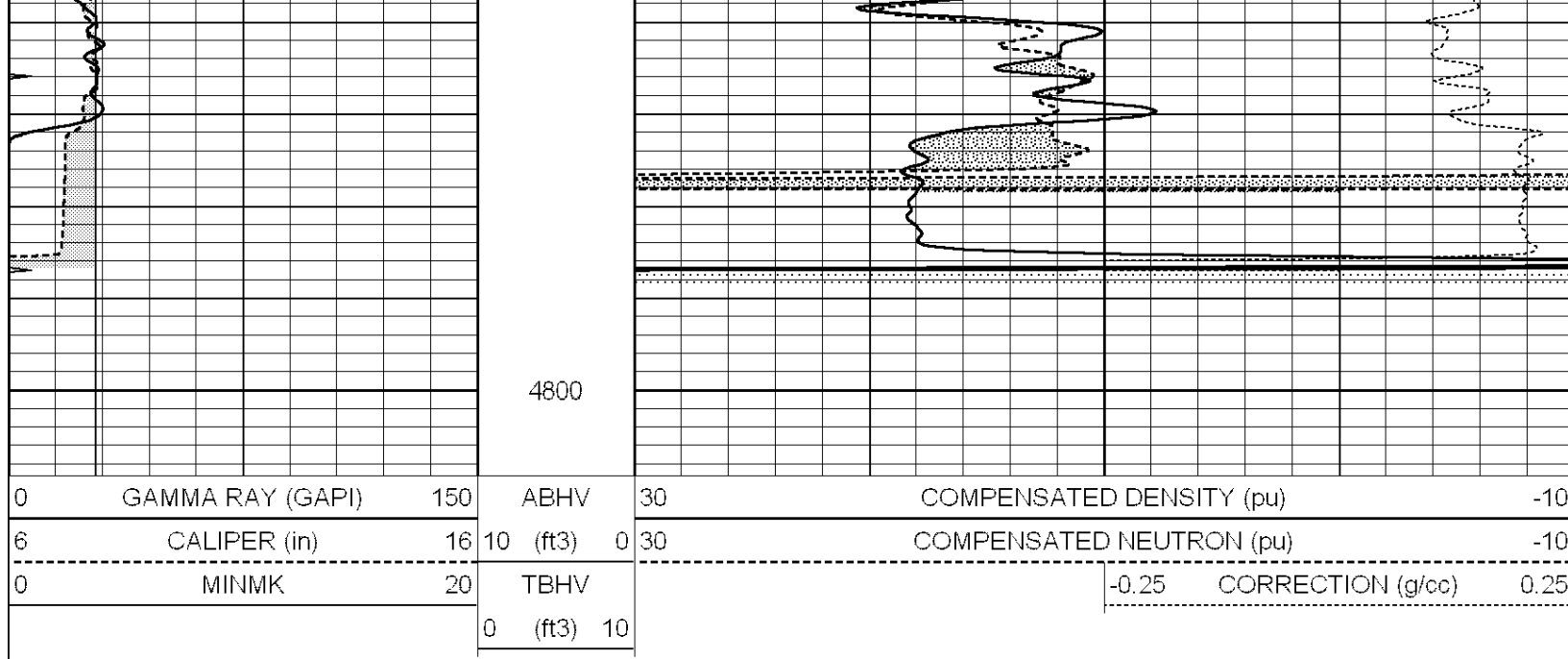




Database File: 011723ddn.db
Dataset Pathname: pass2.4
Presentation Format: _den_neu
Dataset Creation: Wed Sep 25 09:24:35 2013 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:240

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		





Calibration Report

Database File: 011723ddn.db
 Dataset Pathname: pass3.1.4
 Dataset Creation: Wed Sep 25 10:22:10 2013 by Calc Open-Cased 090629

Dual Induction Calibration Report

Serial-Model: DIL3-GEAR
 Performed: Thu Jun 28 04:38:49 2007

Readings				References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.011	0.656	V	0.000	400.000	mmho/m	540.000	-2.000
Medium	0.013	0.740	V	0.000	420.000	mmho/m	578.059	-7.603
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.002	0.645	V	0.000	400.000	mmho/m	560.000	-1.071
Medium	0.007	0.740	V	0.000	462.500	mmho/m	540.000	-4.000

Compensated Density Calibration Report

Serial-Model: GEAR1-GEARHART
 Source / Verifier: 147 / 147
 Master Calibration Performed: Thu Aug 29 12:00:35 2013

Master Calibration

	Density		Far Detector		Near Detector	
Magnesium	1.710	g/cc	1205.77		610.74	cps
Aluminum	2.580	g/cc	271.21		419.72	cps
Spine Angle = 75.89			Density/Spine Ratio = 0.566			
	Size		Reading			
Small Ring	8.20	in	4.83	V		
Large Ring	14.00	in	7.01	V		

Compensated Neutron Calibration Report

Serial Number: NEU 41

Serial Number: NEO_41
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 Sep 04 17:51:54 2013

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
Calibrator Reading: 1.0 cps

Sensitivity: 1.0000 GAPI/cps