



**COMPLETION
& PRODUCTION
SERVICES CO.**

**COMPENSATED
DENSITY / NEUTRON
LOG**

Company	TRANS PACIFIC OIL CORPORATION		
Well	SPEER "A" #2-28		
Field	WILDCAT		
County	LANE	State	KANSAS
Location:	API # : 15-101-22447-00-00		Other Services
	1900' FNL & 1730' FWL SE - NW - SE - NW		DIL/MEL
	SEC 28 TWP 19S RGE 28W		Elevation
Permanent Datum	GROUND LEVEL	Elevation	2781
Log Measured From	KELLY BUSHING 9' A.G.L.		K.B. 2790 D.F. 2788 G.L. 2781
Drilling Measured From	KELLY BUSHING		
Date	7-17-13		
Run Number	ONE		
Depth Driller	4707		
Depth Logger	4707		
Bottom Logged Interval	4683		
Top Log Interval	3600		
Casing Driller	223		
Casing Logger	218		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 2.100	
Density / Viscosity	9.4 / 52		
pH / Fluid Loss	11.0 / 6.4		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	1.1 @ 87F		
Rmf @ Meas. Temp	0.83 @ 87F		
Rmc @ Meas. Temp	1.32 @ 87F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	.78 @ 122F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	122F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	IAN MABB		
Witnessed By	MAX LOVELY		

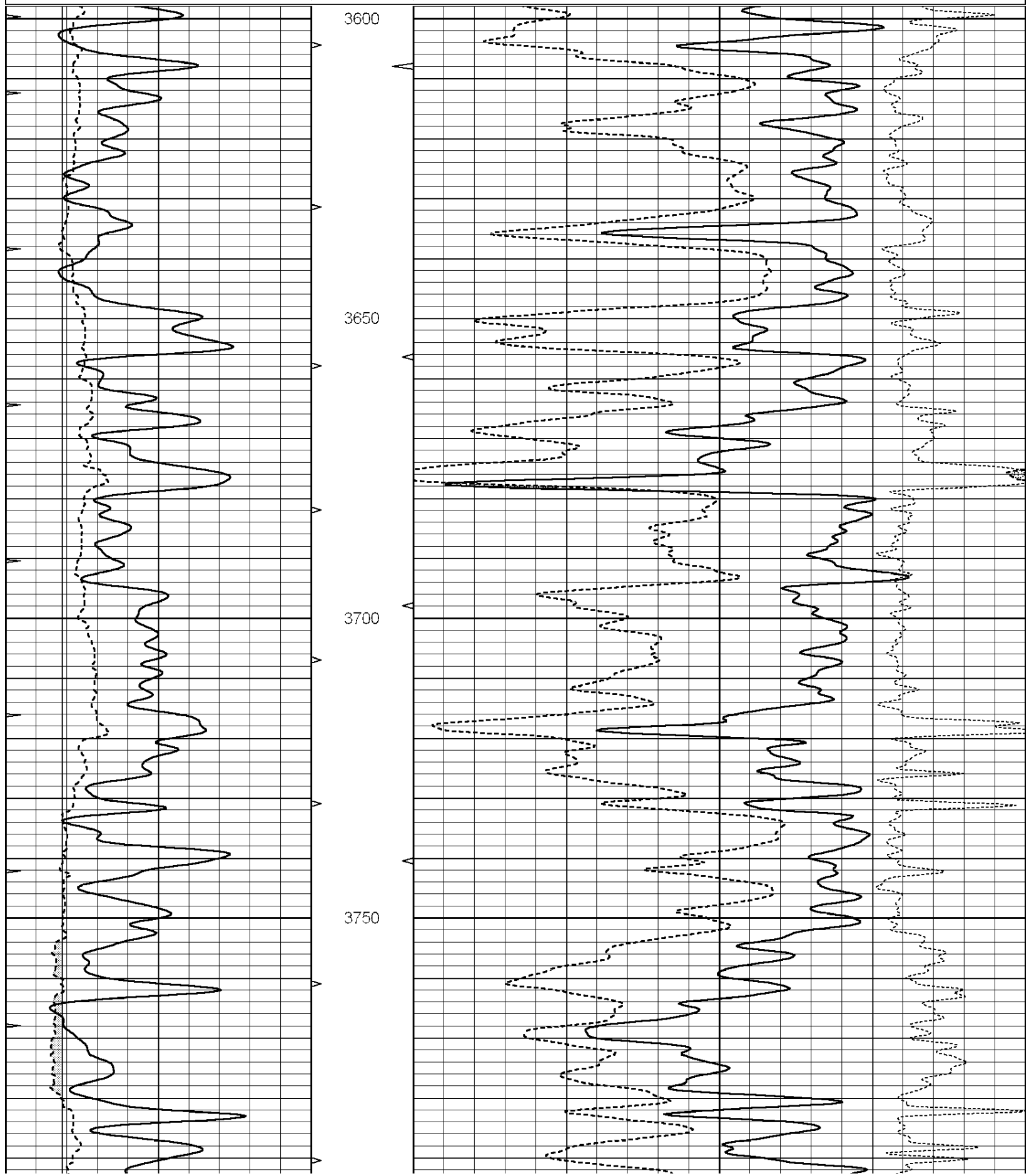
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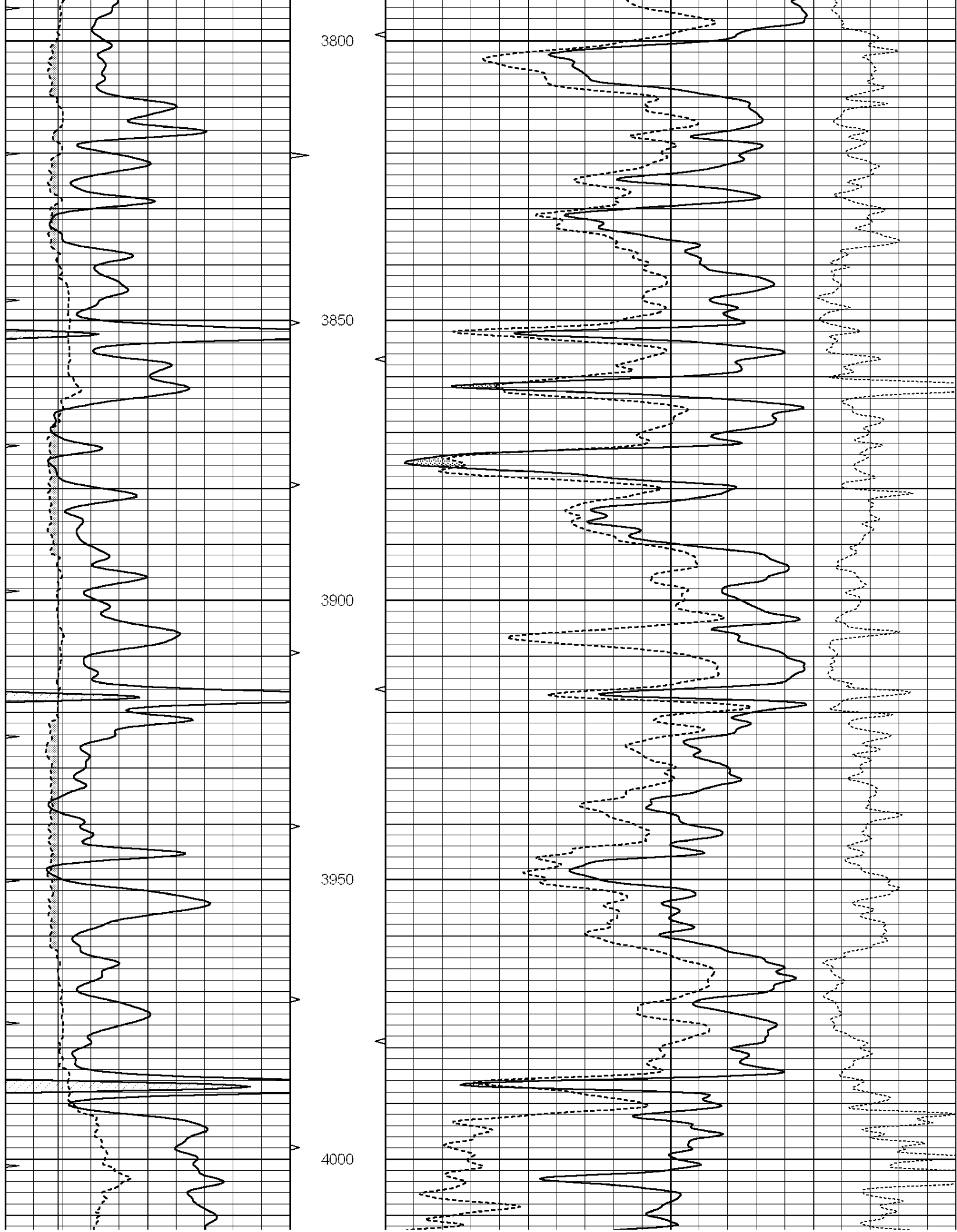
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

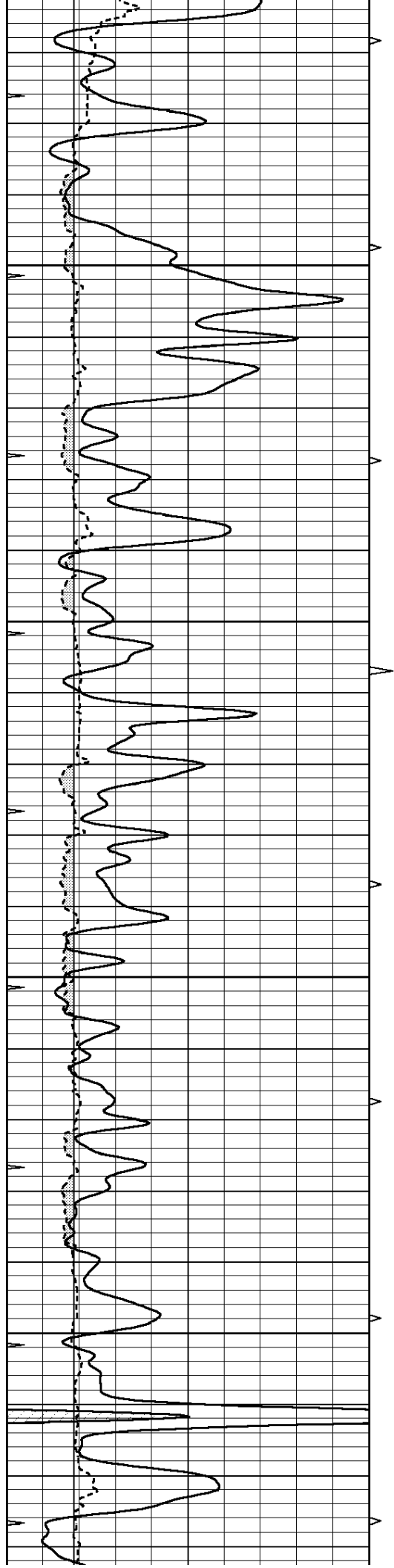
Comments

NABORS COMPLETION & PRODUCTION SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: DIGHTON, KS. - (4 WAY STOP) 6S ON HWY 23 - 2E ON RD. 90 - 1 1/2 SOUTH BETWEEN
TANK BATTERIES

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			





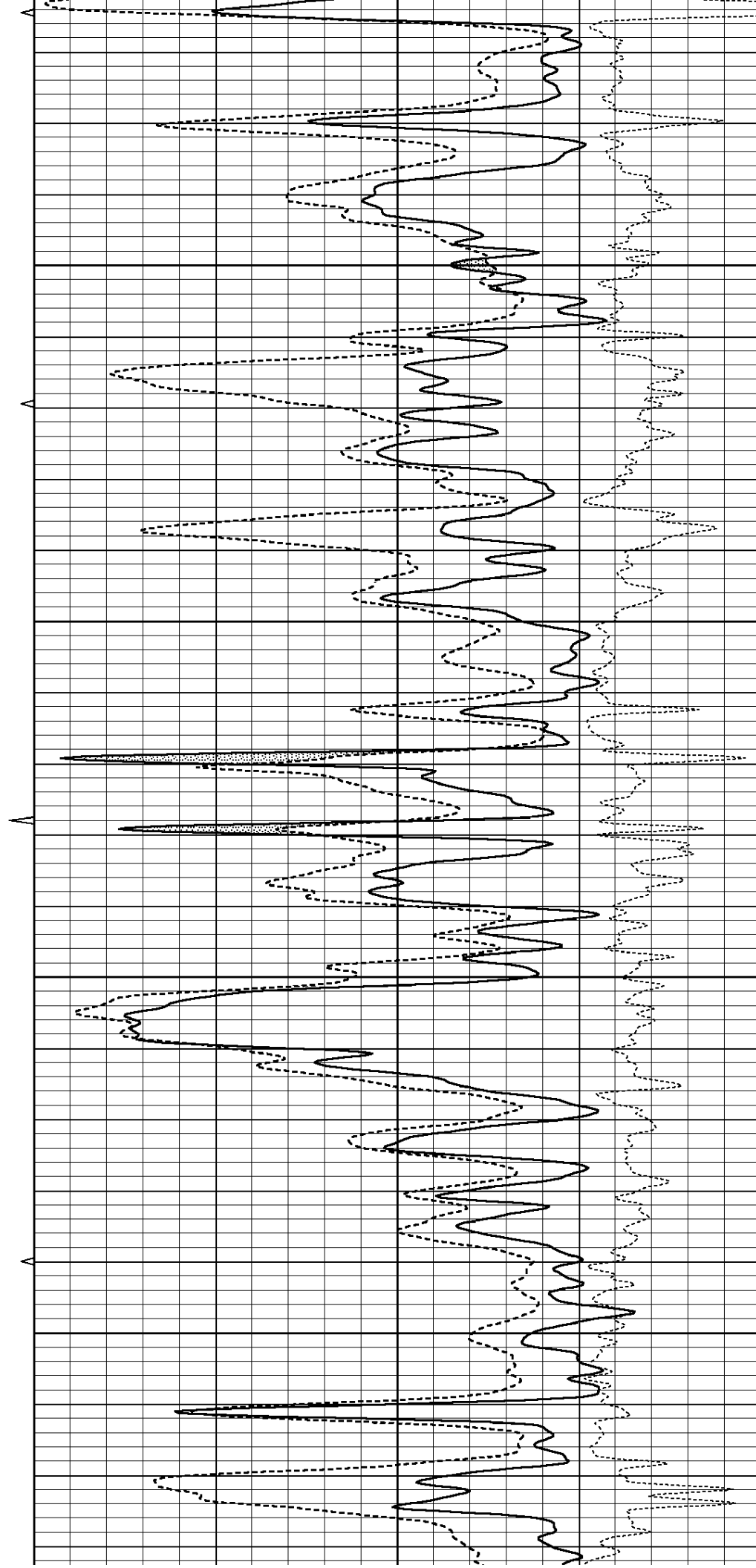


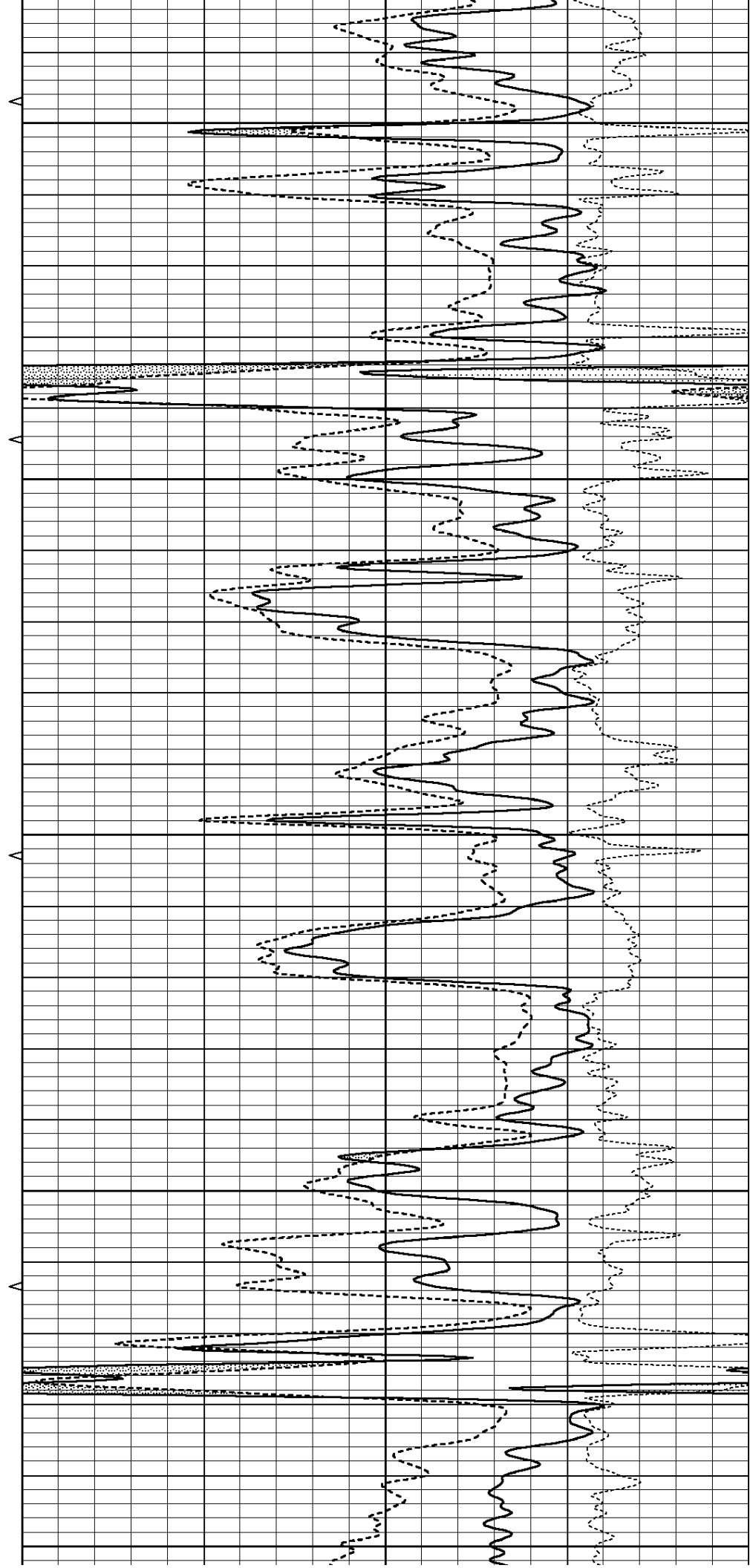
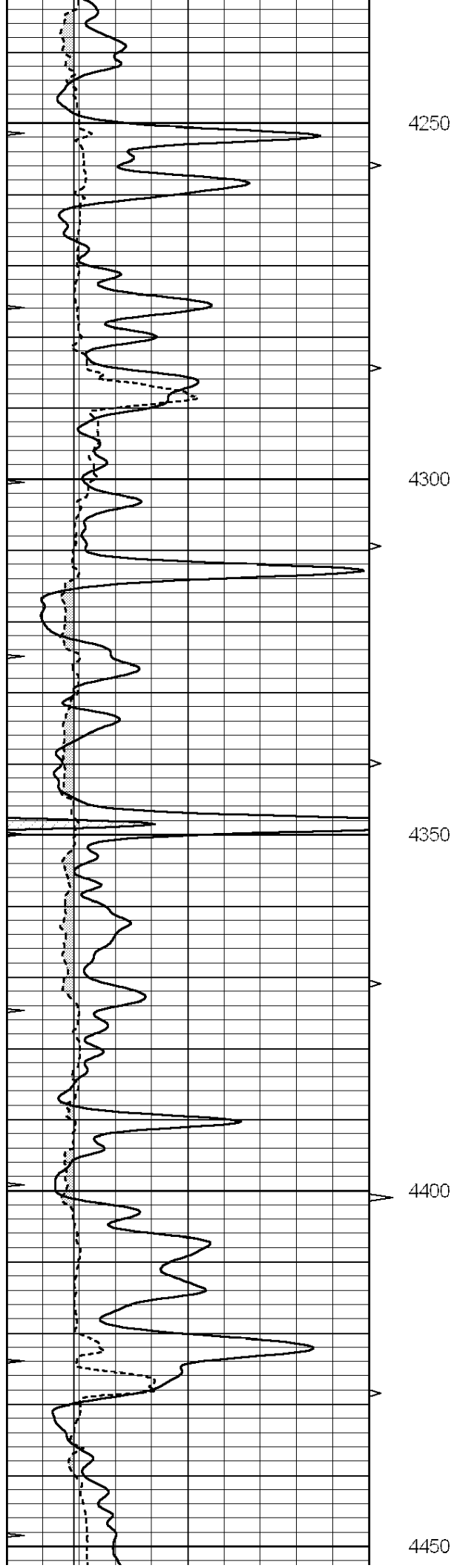
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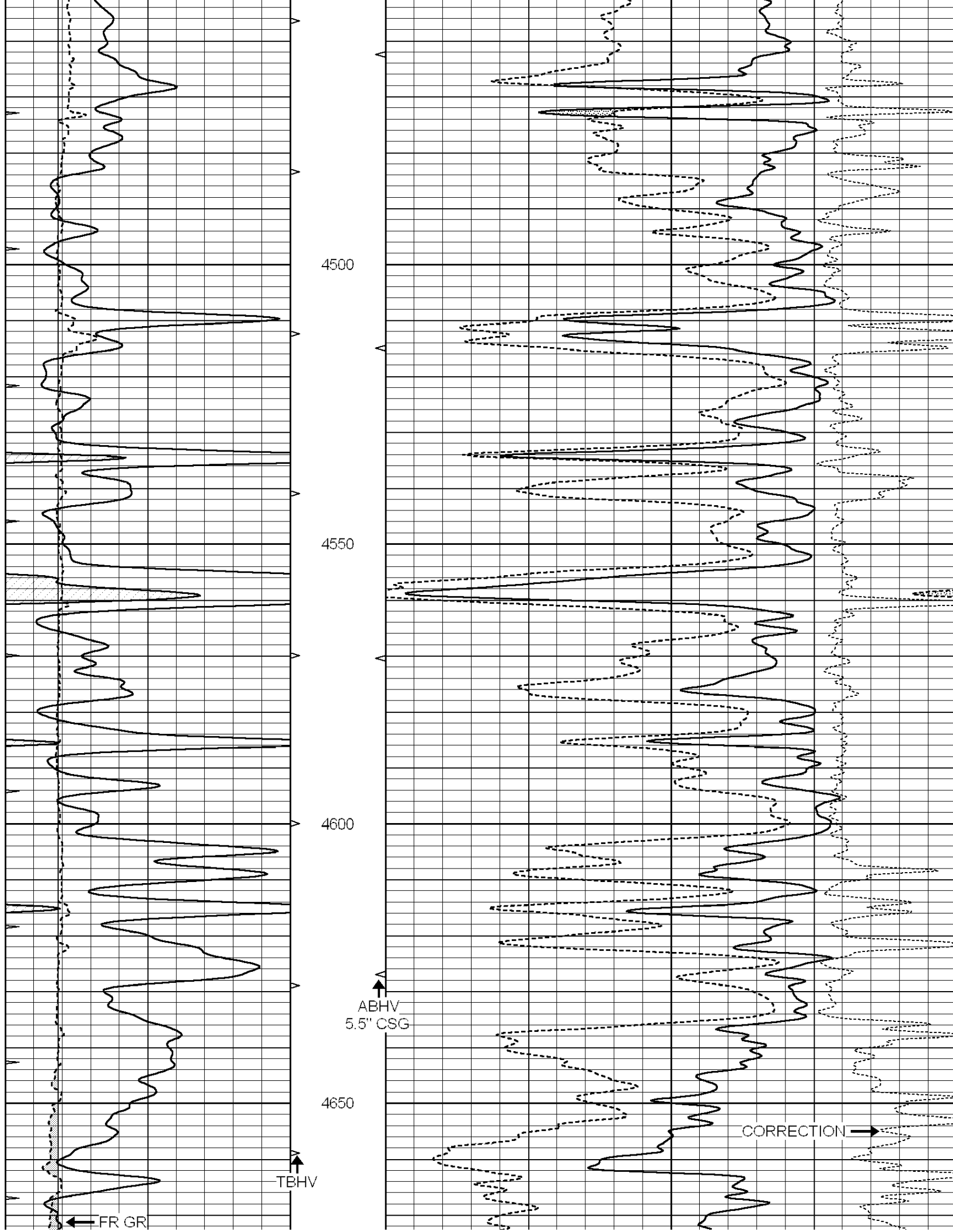
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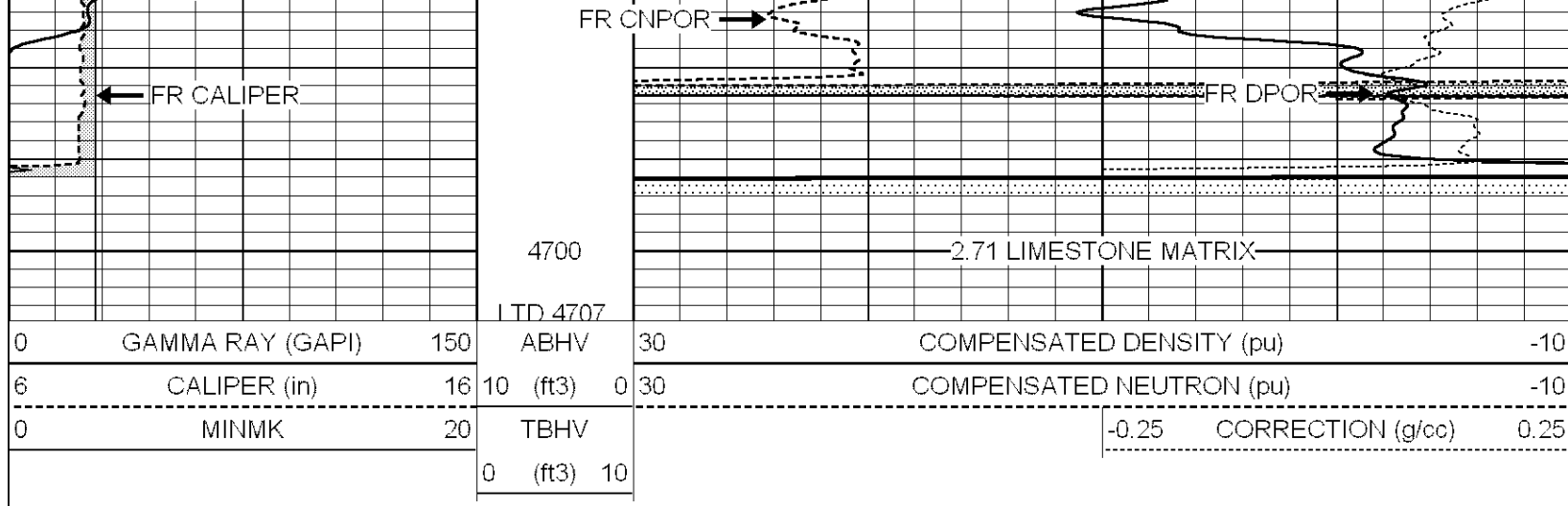
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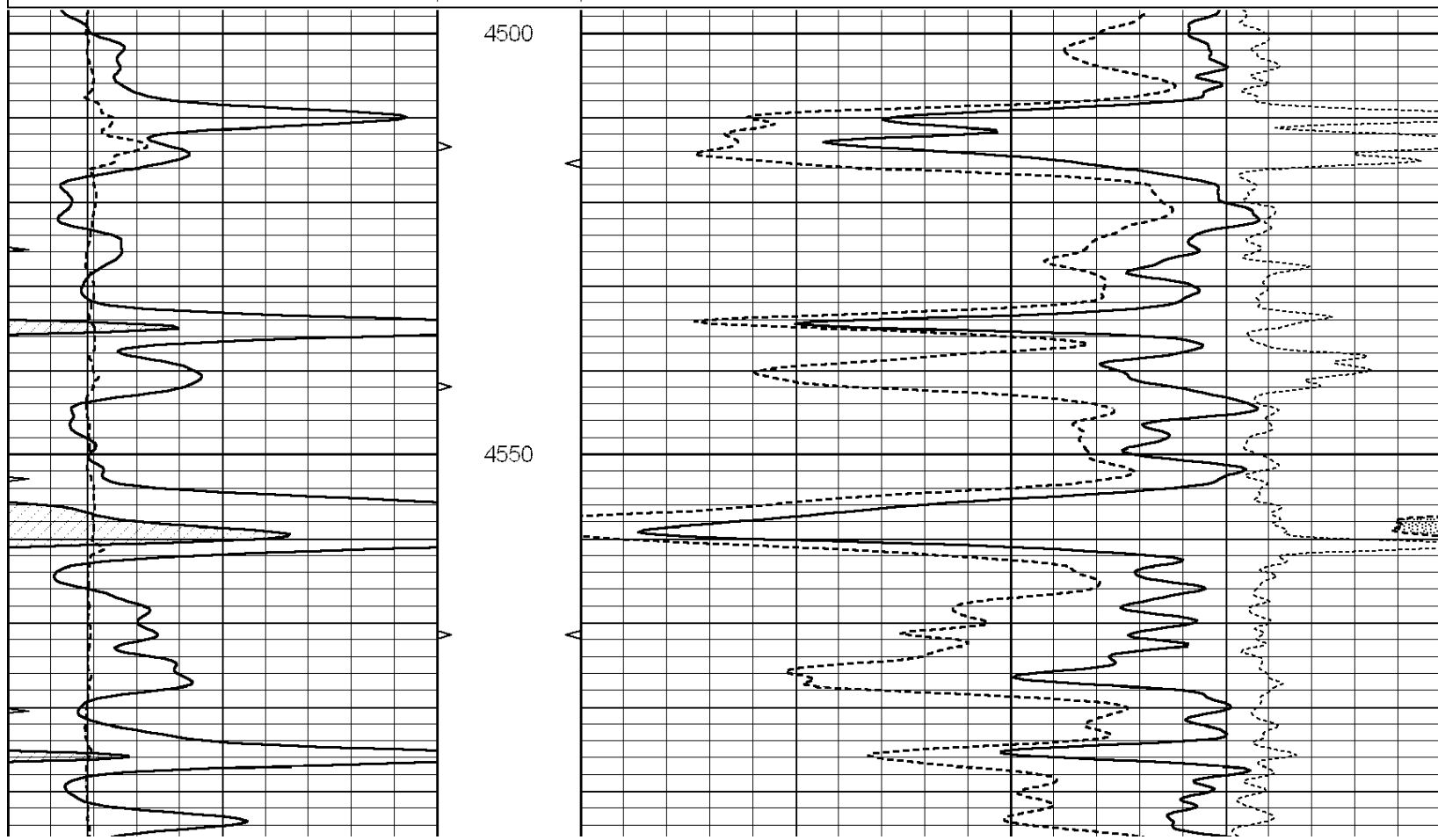


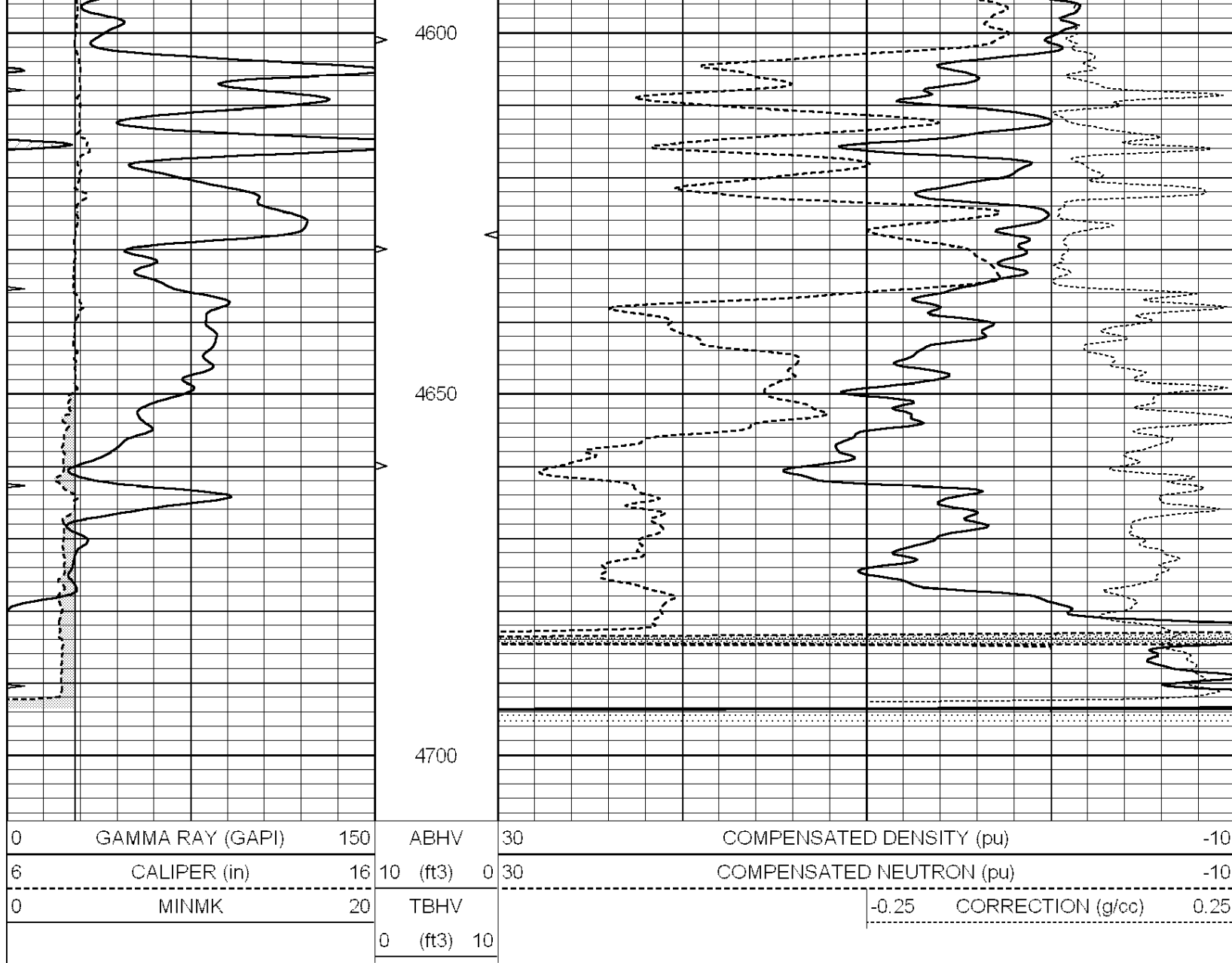


REPEAT SECTION

Database File: 011363ddn.db
 Dataset Pathname: pass3.1
 Presentation Format: _den_neu
 Dataset Creation: Wed Jul 17 01:36:07 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: 011363ddn.db
Dataset Pathname: pass4.2
Dataset Creation: Wed Jul 17 02:22:20 2013 by Calc Open-Cased 090629

Dual Induction Calibration Report

Serial-Model: PROBE7-DILG
Surface Cal Performed: Mon Jul 01 07:10:41 2013
Downhole Cal Performed: Sat Jan 19 19:51:38 2013
After Survey Verification Performed: Sat Jan 19 19:51:38 2013

Surface Calibration

Readings				References		Results	
Loop:	Air	Loop		Air	Loop	m	b
Deep	0.793	0.790	V	0.000	400.000	620.000	22.000
Medium	0.992	1.002	V	0.000	464.000	660.000	-30.000
Internal:	Zero	Cal		Zero	Cal	m	b
Deep	0.041	0.642	V	0.000	400.000	664.874	-27.011
Medium	0.035	0.802	V	0.000	464.000	604.936	-21.367

Downhole Calibration				Readings			References			Results	
	Zero	Cal		Zero	Cal		m'	b'			
Deep	135384.000	27094.500	mmho/m	135400.000	27082.400	mmho/m	1.000	-19.259			
Medium	-47330.100	-9381.740	mmho/m	-47327.100	-9389.280	mmho/m	1.000	-10.154			
LL3		7.322	V		1400.000	Ohm-m					
		0.038	V		20.000	Ohm-m					
		-7.273	V		4000.000	mmho-m					

After Survey Verification				Readings			Targets			Results	
	Zero	Cal		Zero	Cal		m'	b'			
Deep	0.000	0.000	mmho/m	135384.000	27094.500	mmho/m	1.000	0.000			
Medium	0.000	0.000	mmho/m	-47330.100	-9381.740	mmho/m	1.000	0.000			
LL3		0.000	Ohm-m		1400.000	Ohm-m					
		0.000	Ohm-m		20.000	Ohm-m					
		0.000	mmho-m		4000.000	mmho-m					

Compensated Density Calibration Report			
Serial-Model:		GEAR2-GEARHART	
Source / Verifier:		147 / 147	
Master Calibration Performed:		Mon Jul 01 05:43:11 2013	

Master Calibration					
	Density		Far Detector	Near Detector	
Magnesium	1.710	g/cc	923.76	475.45	cps
Aluminum	2.600	g/cc	205.31	331.69	cps
Spine Angle = 76.54			Density/Spine Ratio = 0.576		
	Size		Reading		
Small Ring	8.40	in	5.48	V	
Large Ring	14.00	in	7.58	V	

Compensated Neutron Calibration Report			
Serial Number:		NEU_4I	
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:		Mon Jul 01 05:22:08 2013	
Calibrator Value:		1.0	GAPI
Background Reading:		0.0	cps
Calibrator Reading:		1.0	cps
Sensitivity:		0.9000	GAPI/cps