



**COMPLETION
& PRODUCTION
SERVICES CO.**

**COMPENSATED
DENSITY / NEUTRON
LOG**

Company	TRANS PACIFIC OIL CORPORATION		
Well	HAGANS "A" #1-11		
Field	WILDCAT		
County	LANE	State	KANSAS
Location:	API # : 15-101-22458-00-00 NW 1/4, 3300' FSL & 1320' FWL S2 -NW		Other Services DIL/MEL
Permanent Datum Log Measured From Drilling Measured From	SEC 11 TWP 17S RGE 27W	Elevation K.B. 2605 D.F. 2603 G.L. 2596	
Date	9-5-13		
Run Number	ONE		
Depth Driller	4570		
Depth Logger	4572		
Bottom Logged Interval	4548		
Top Log Interval	3600		
Casing Driller	8 5/8 @ 222		
Casing Logger	218		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 2.900	
Density / Viscosity	9.1 / 60		
pH / Fluid Loss	11.0 / 7.2		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	0.9 @ 95F		
Rinf @ Meas. Temp	0.68 @ 95F		
Rinc @ Meas. Temp	1.08 @ 95F		
Source of Rinf / Rinc	MEASURED		
Rim @ BHT	.70 @ 121F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	121F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	IAN MABB		
Witnessed By	MIKE KIDWELL		

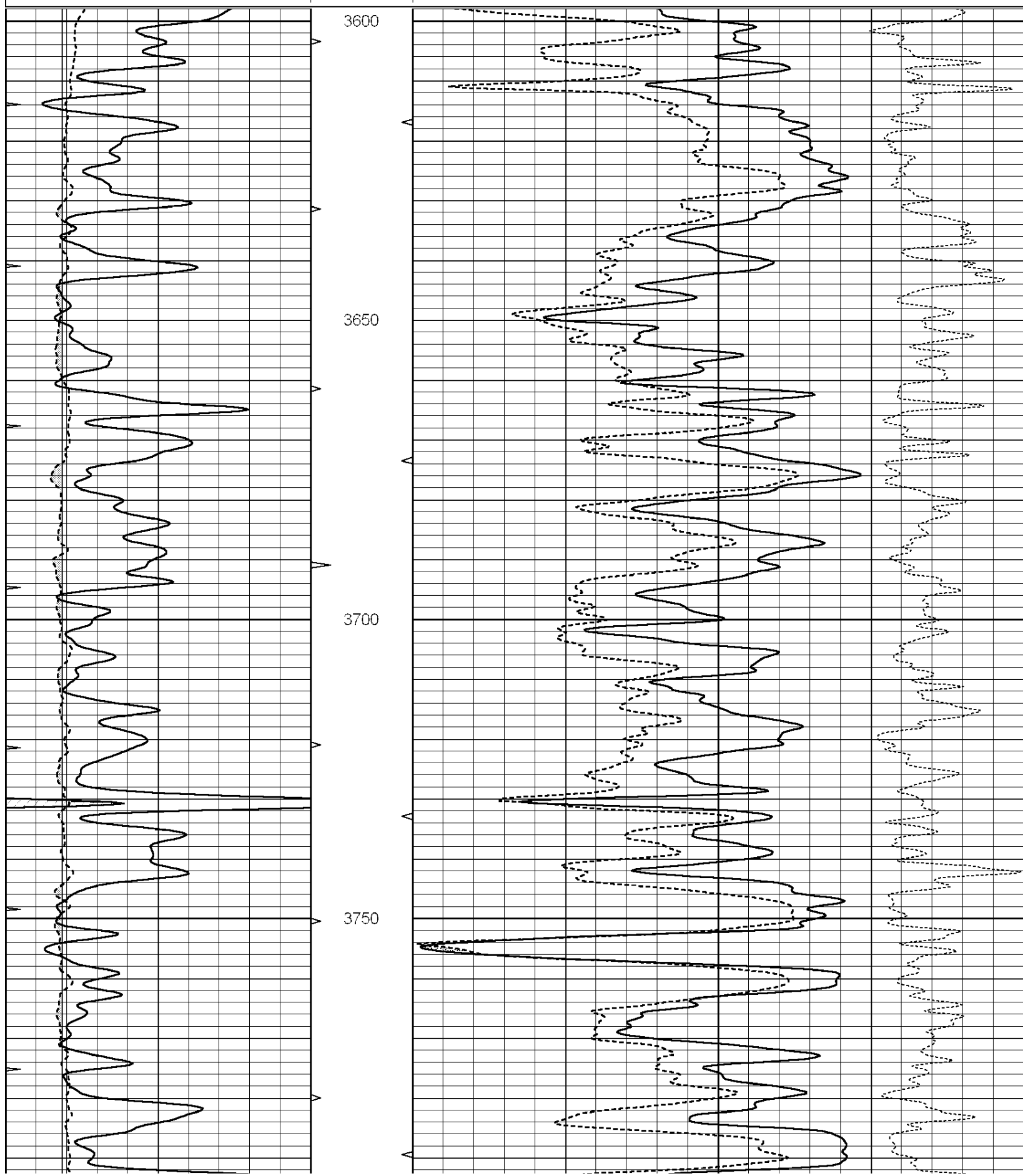
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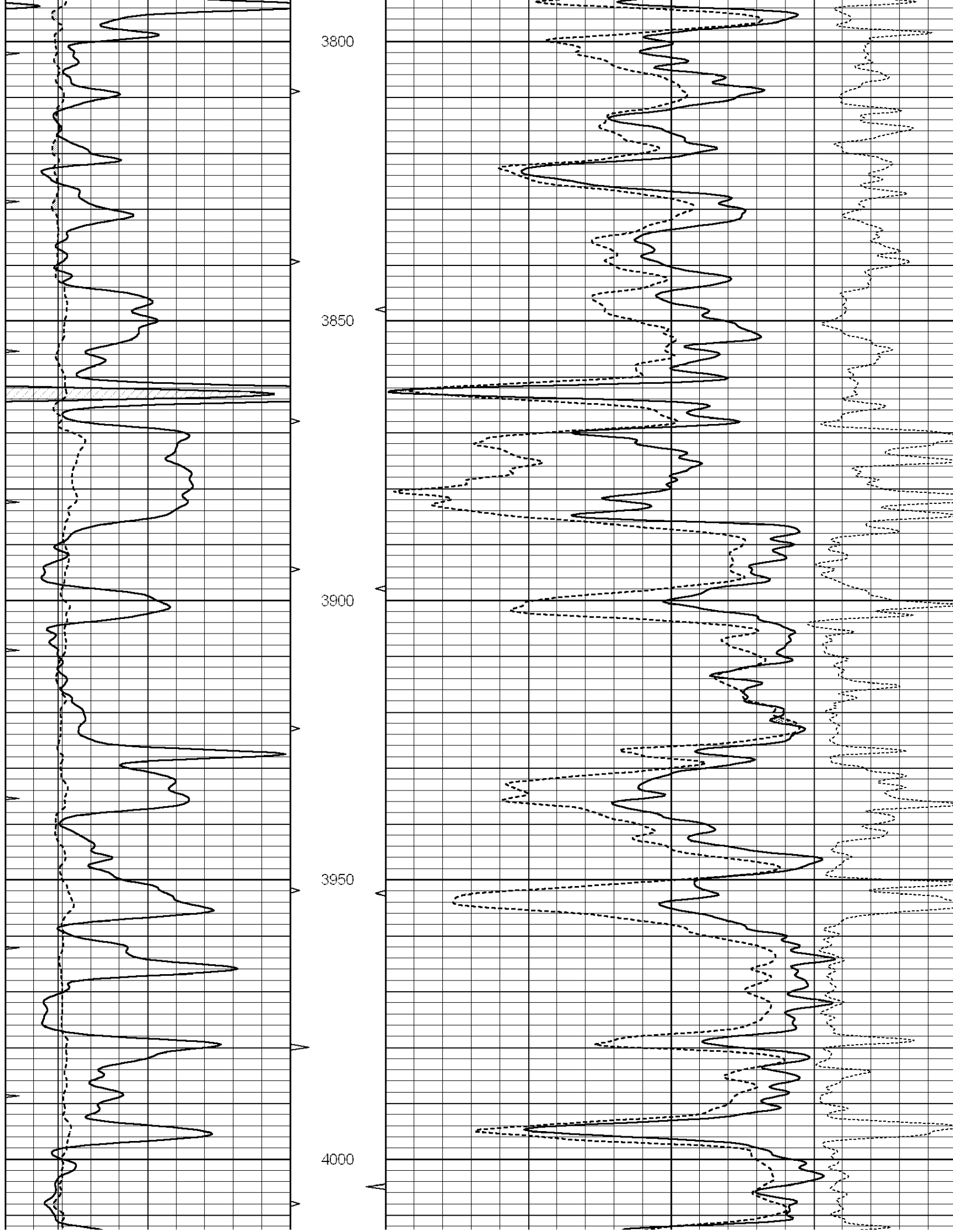
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

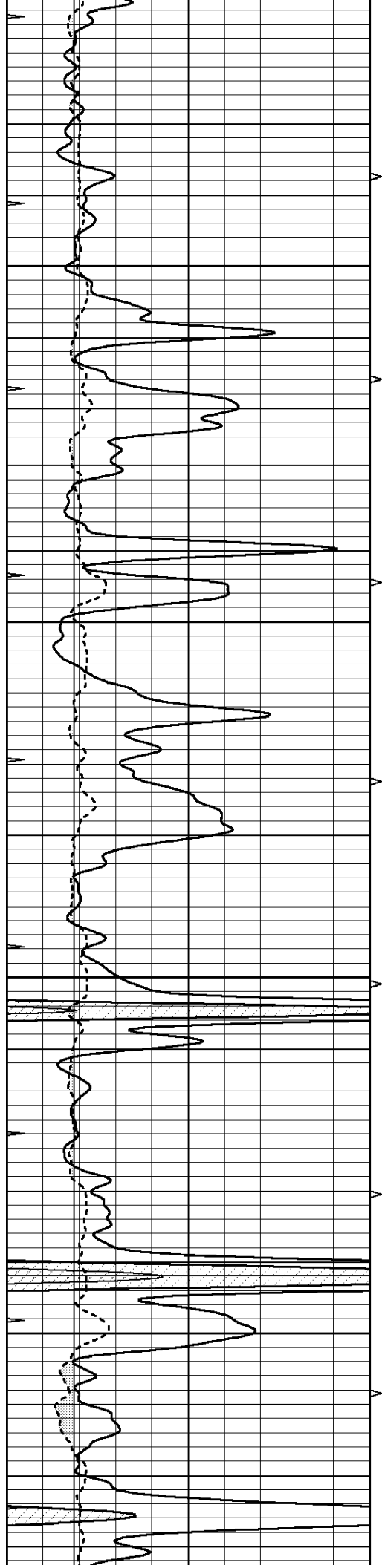
Comments

NABORS COMPLETION & PRODUCTION SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: PENDENNIS, KS. EAST TO SCOUT RD. - 4 1/4 SOUTH TO RD 218 - EAST INTO 3 MILES

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			





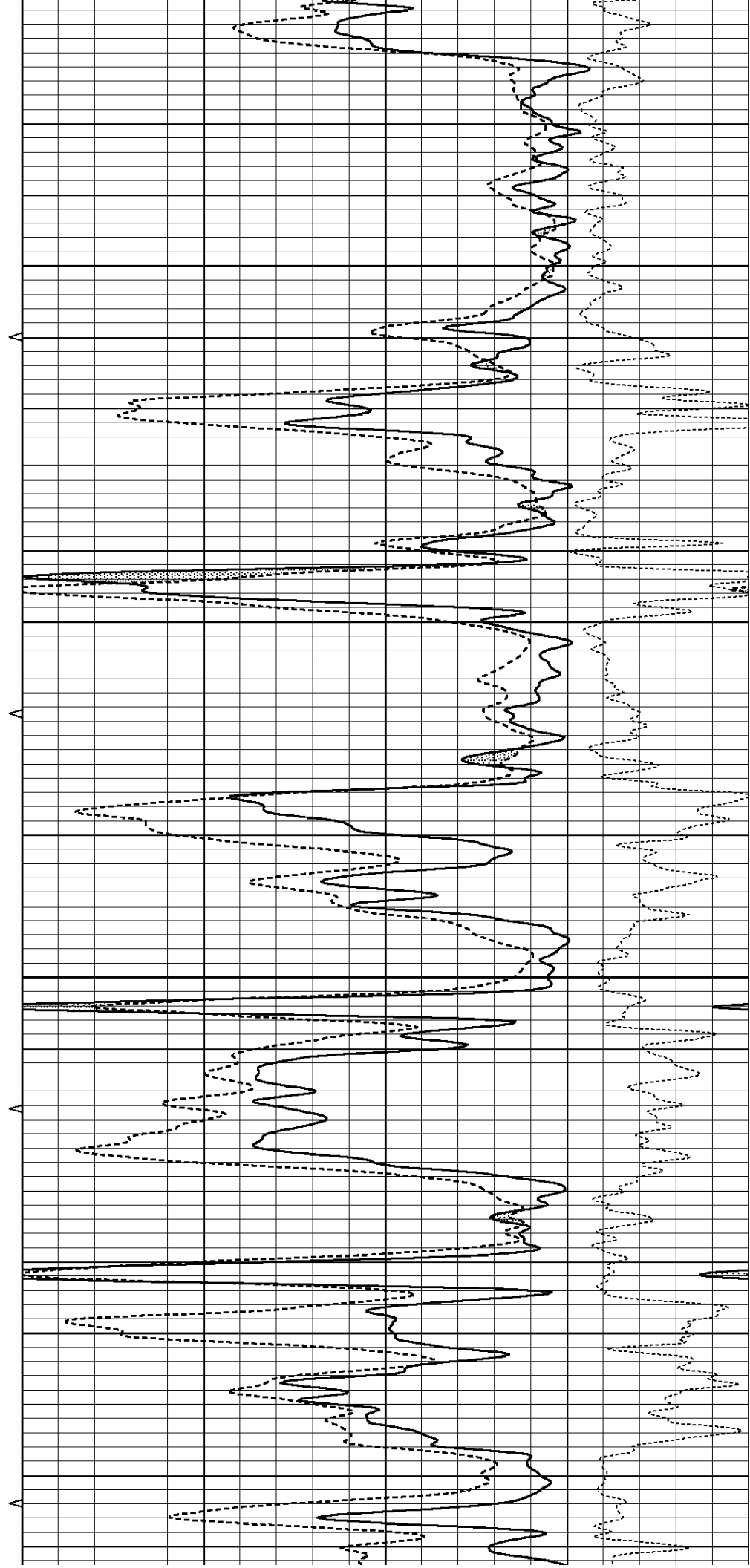


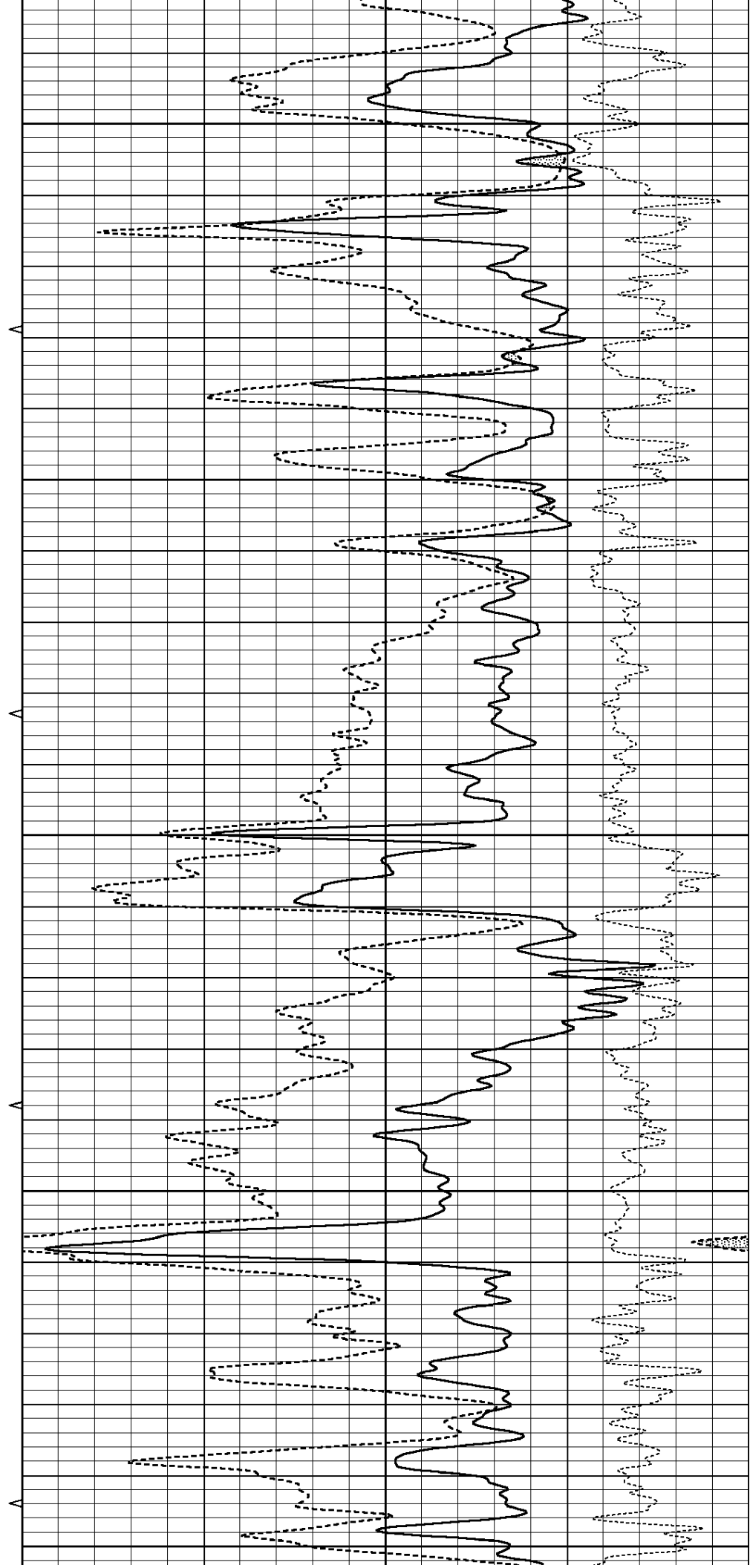
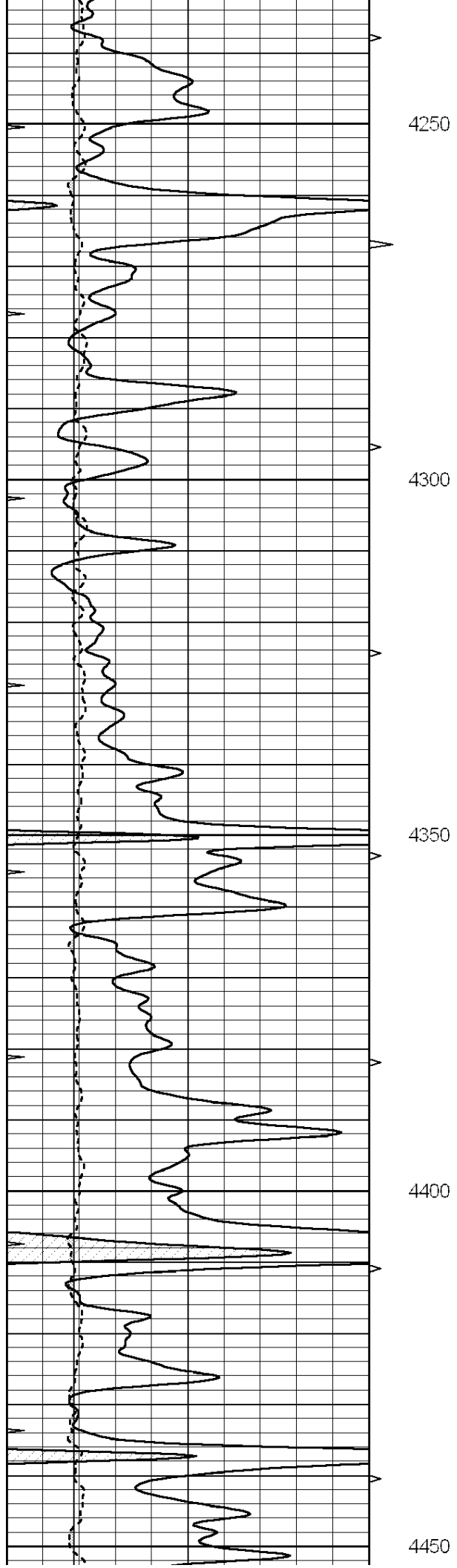
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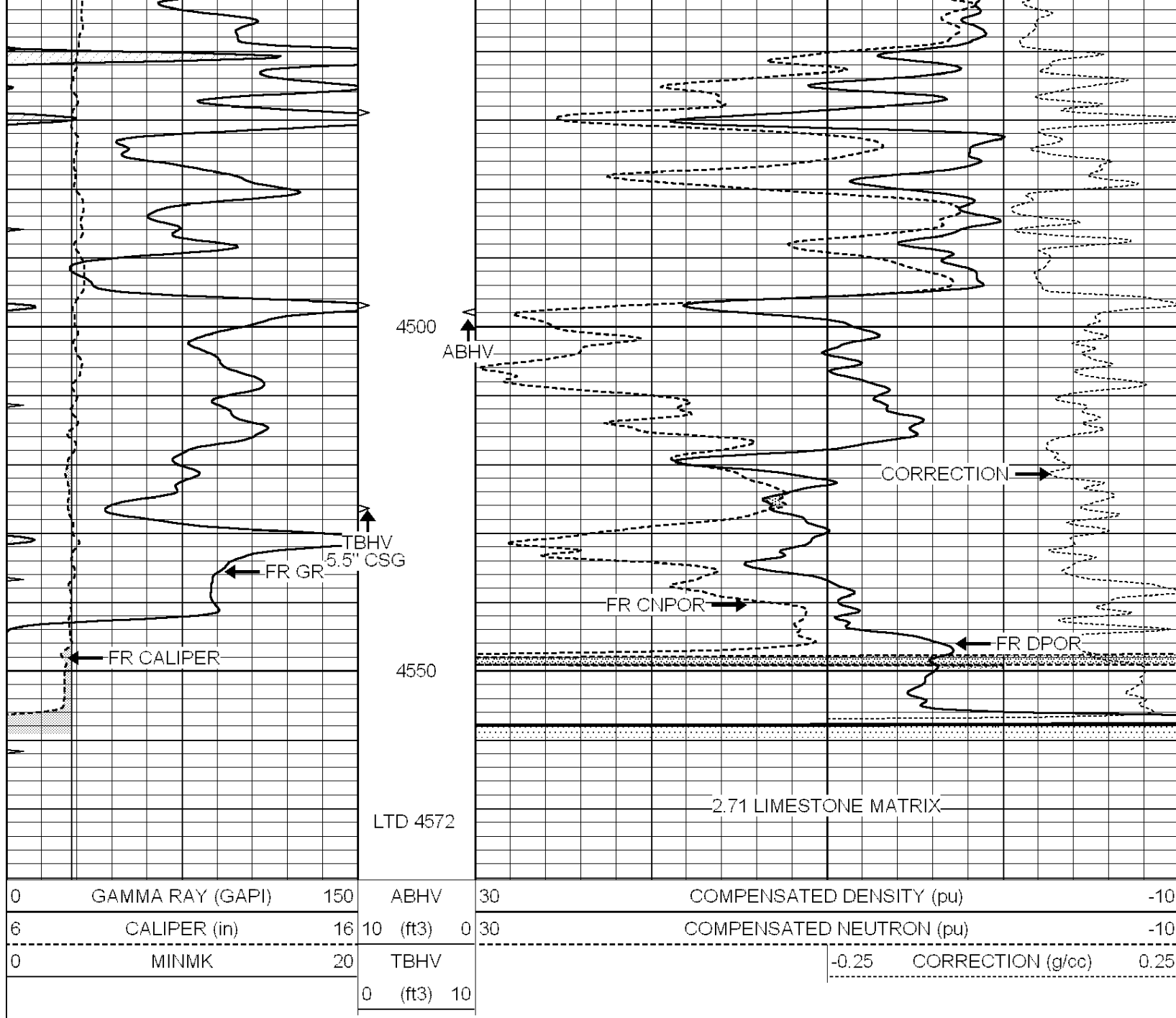
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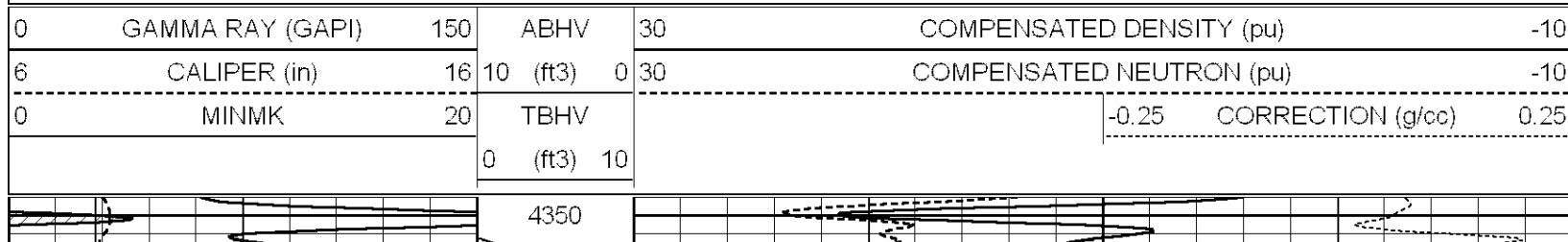






REPEAT SECTION

Database File: 011713ddn.db
 Dataset Pathname: pass2.2.1
 Presentation Format: _den_neu
 Dataset Creation: Wed Sep 04 23:33:11 2013 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240



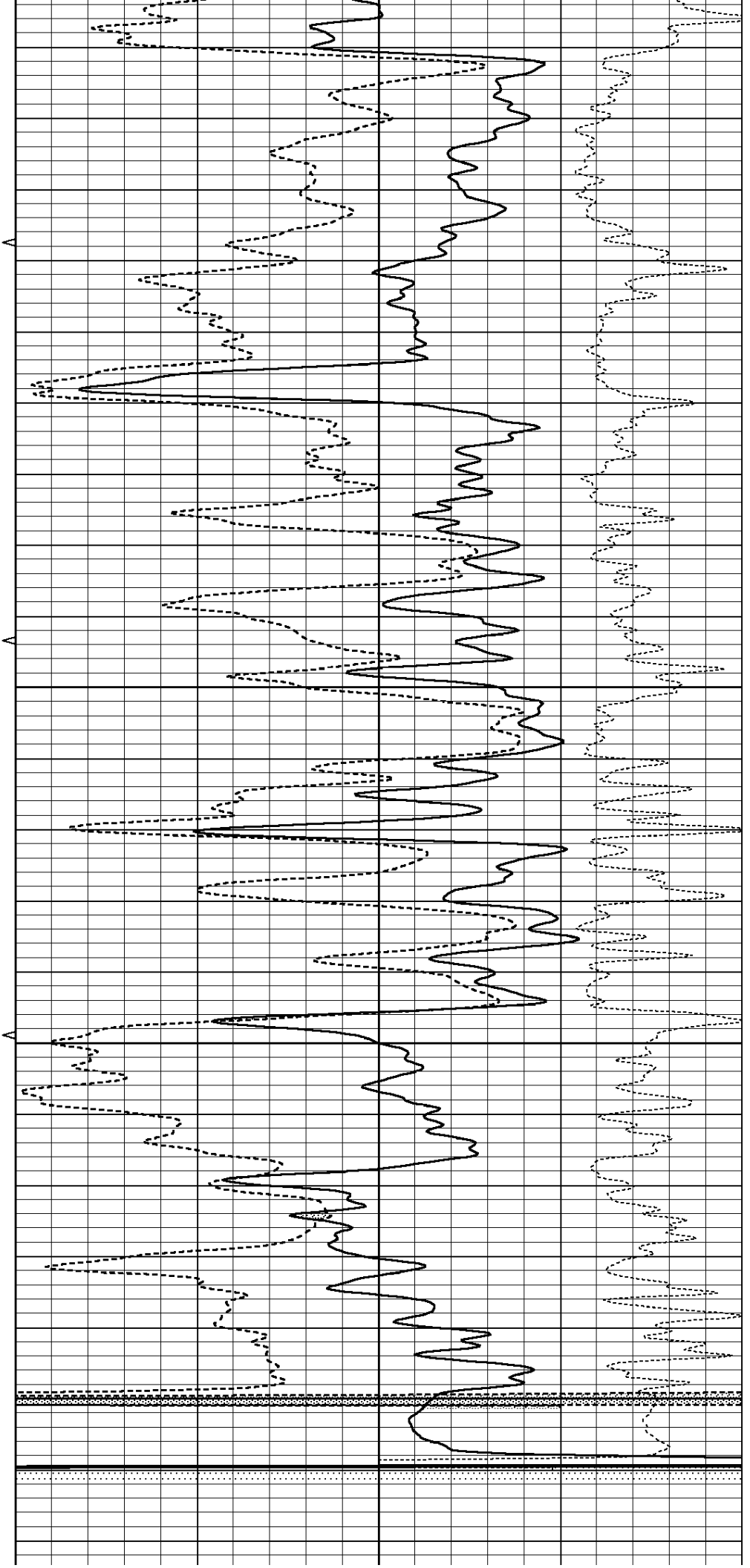


4400

4450

4500

4550



Master Calibration					
	Density		Far Detector	Near Detector	
Magnesium	1.710	g/cc	923.76	475.45	cps

Aluminum	2.580	g/cc	205.31	331.69	cps
		Spine Angle = 76.54	Density/Spine Ratio = 0.563		
	Size		Reading		
Small Ring	8.40	in	3.59	V	
Large Ring	14.00	in	5.47	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:	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