



**SUPERIOR
Hays,
Kansas**

**COMPENSATED
DENSITY / NEUTRON
LOG**

Company	TRANS - PACIFIC OIL CORPORATION		
Well	ANDERSON TRUST "B" UNIT 1-23		
Field			
County	LANE	State	KANSAS
Location:	API # : 15-101-22293-0000		Other Services
	E/2 - E/2 - SE - NE 3300' FSL - 100' FEL		DIL
	SEC 23 TWP 16S RGE 27W		
Permanent Datum	GROUND LEVEL	Elevation	2683
Log Measured From	KELLY BUSHING 9' A.G.L.	K.B. 2692 D.F. 2690 G.L. 2683	
Drilling Measured From	KELLY BUSHING		
Date	8/3/12		
Run Number	ONE		
Depth Driller	4630		
Depth Logger	4640		
Bottom Logged Interval	4617		
Top Log Interval	3700		
Casing Driller	227		
Casing Logger	225		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.3 / 54	CHLORIDES 2,100 PPM	
pH / Fluid Loss	10.5 / 8.4		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	1.10 @ 86F		
Rmf @ Meas. Temp	0.83 @ 86F		
Rmc @ Meas. Temp	1.32 @ 86F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	0.78 @ 121F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	121F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	DAN GOTTSCHALK		
Witnessed By	MIKE KIDWELL		

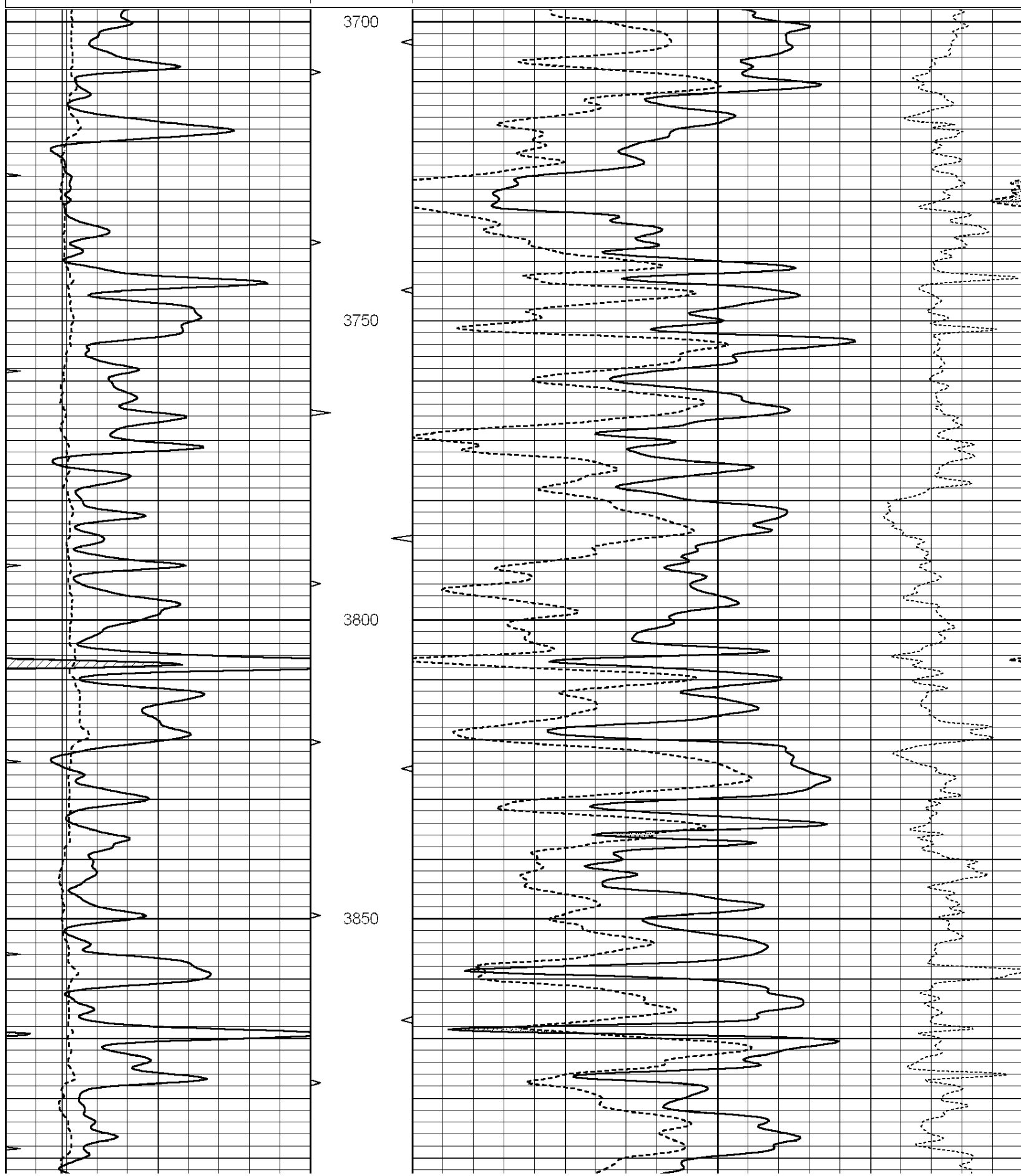
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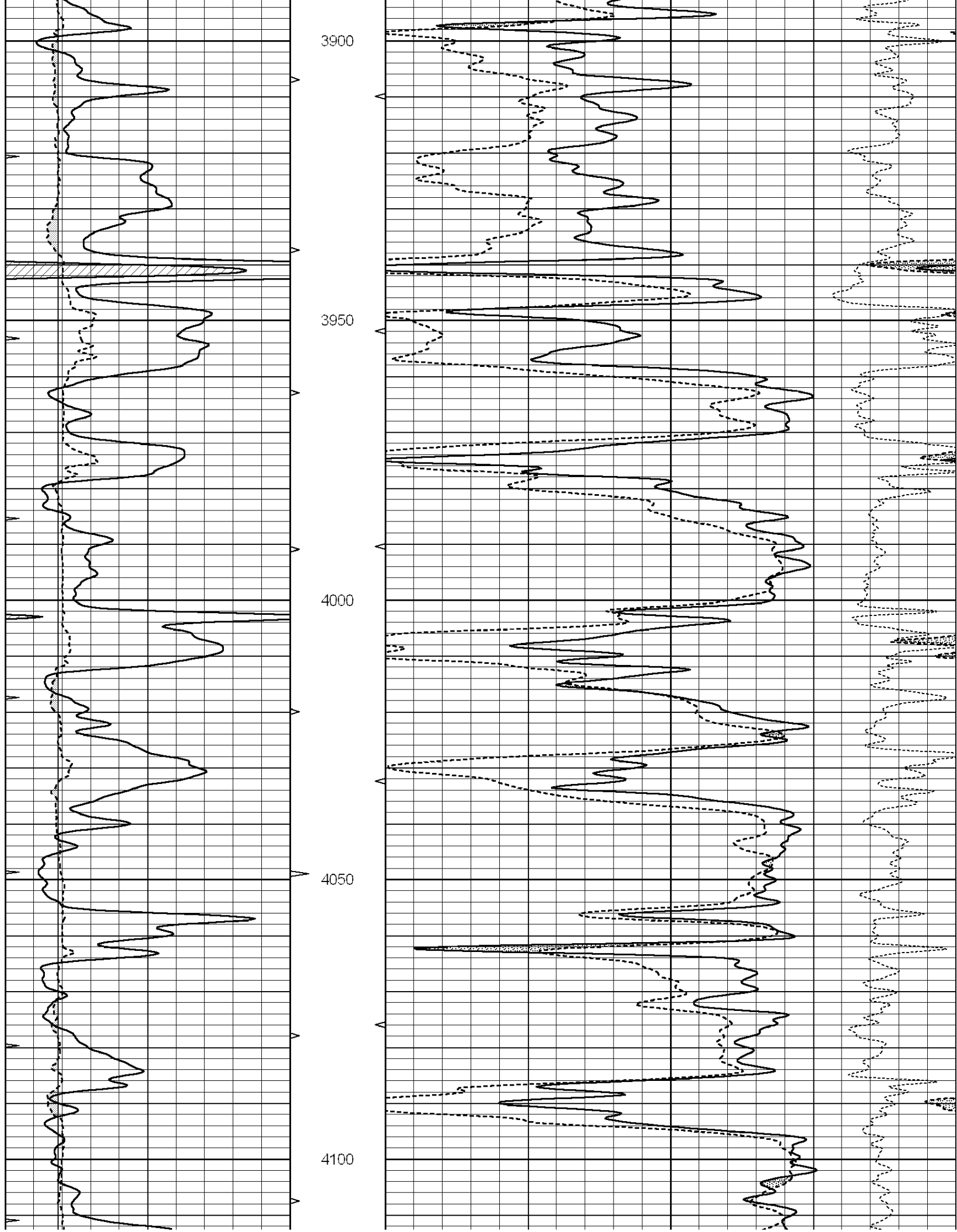
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

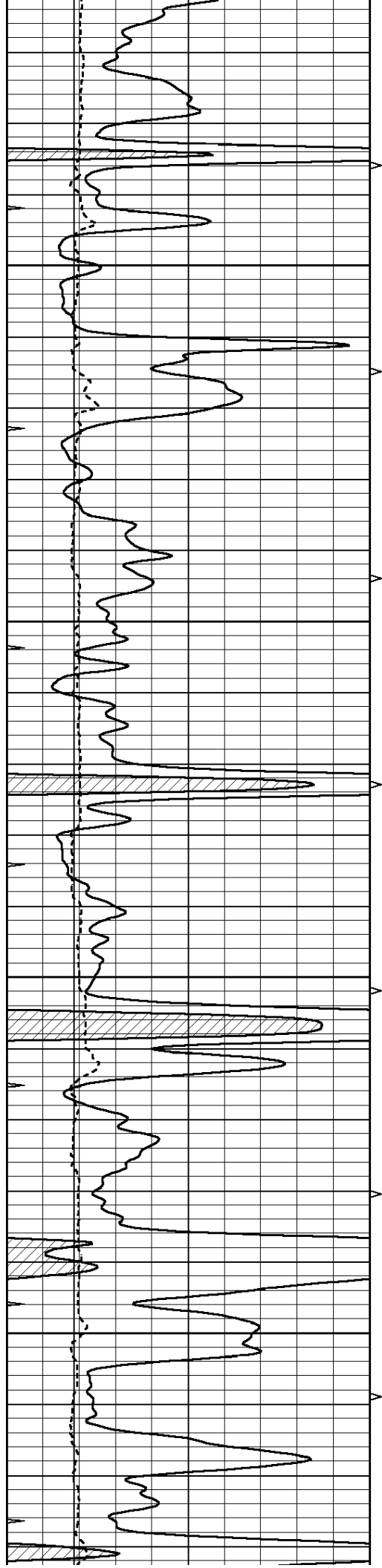
Comments

THANK YOU FOR USING SUPERIOR WELL SERVICES
785-628-6395
DIRECTIONS- UTICA - 5 WEST TO WICHITA RD. - 1/2 NORTH - WEST SIDE

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		





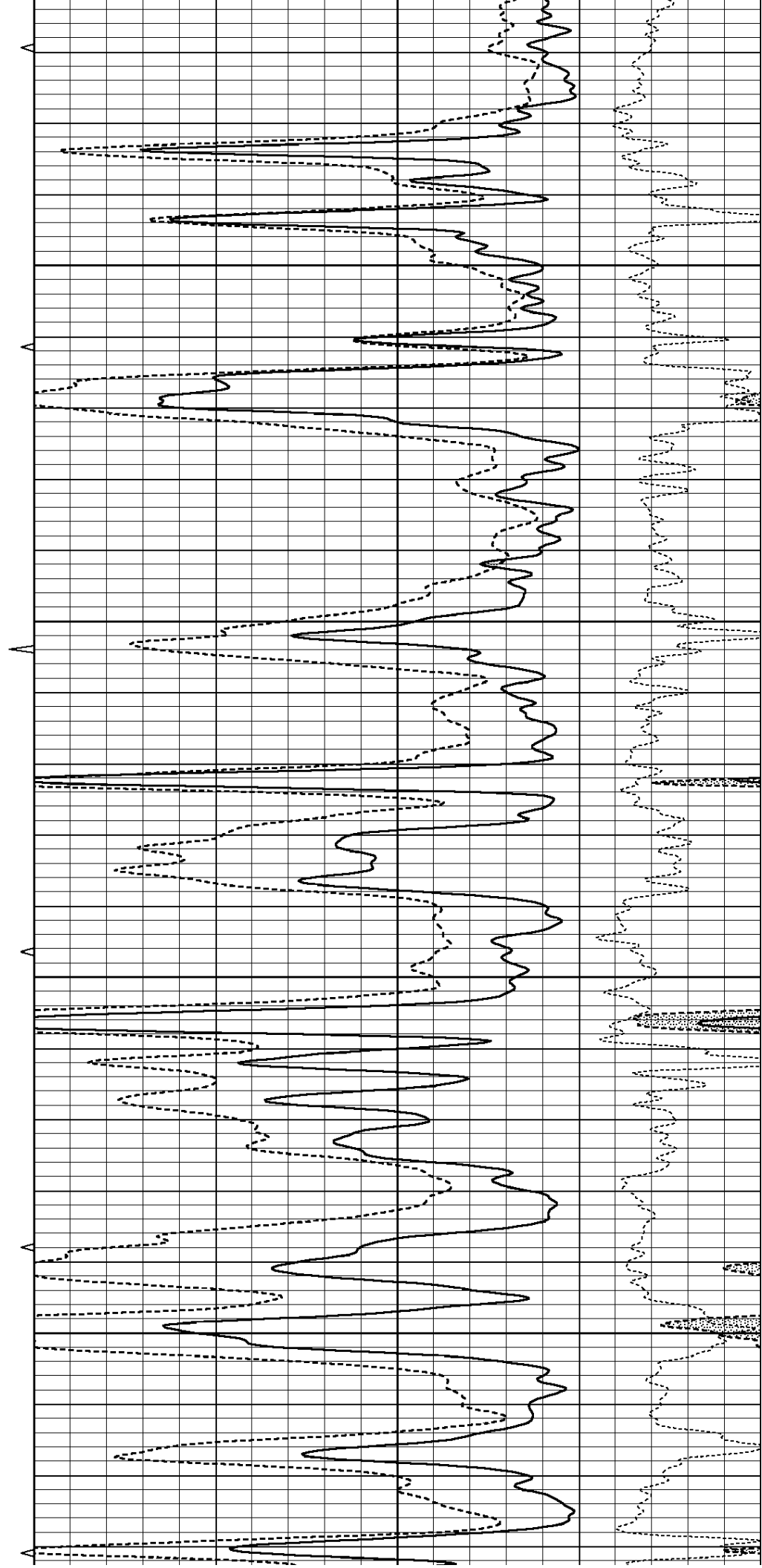


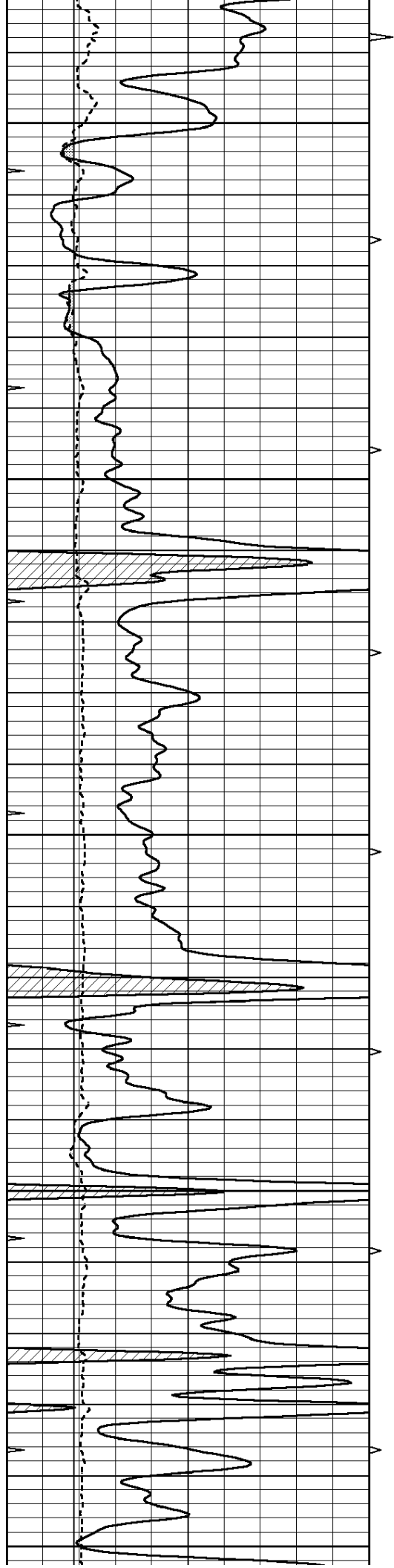
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4200

4250

4300





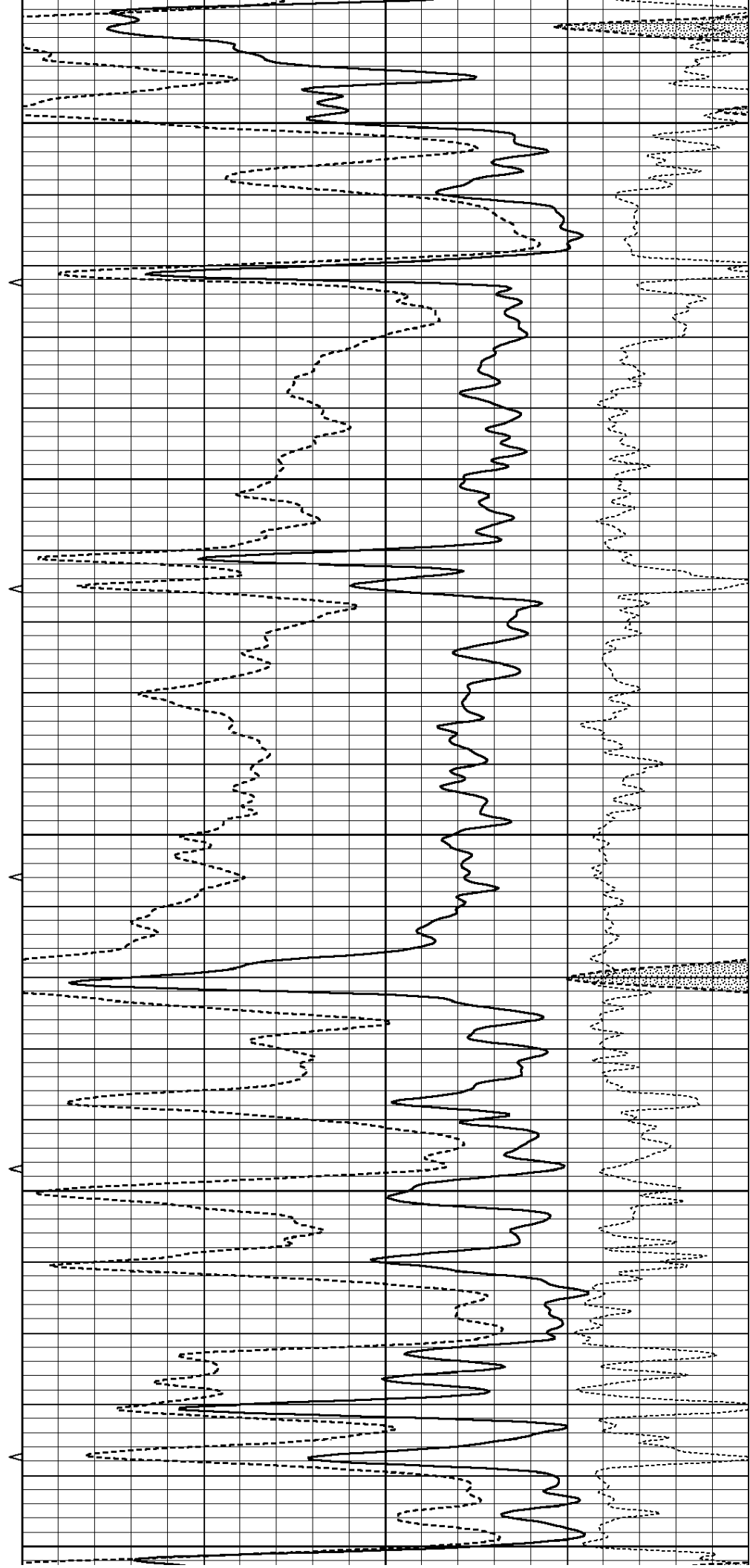
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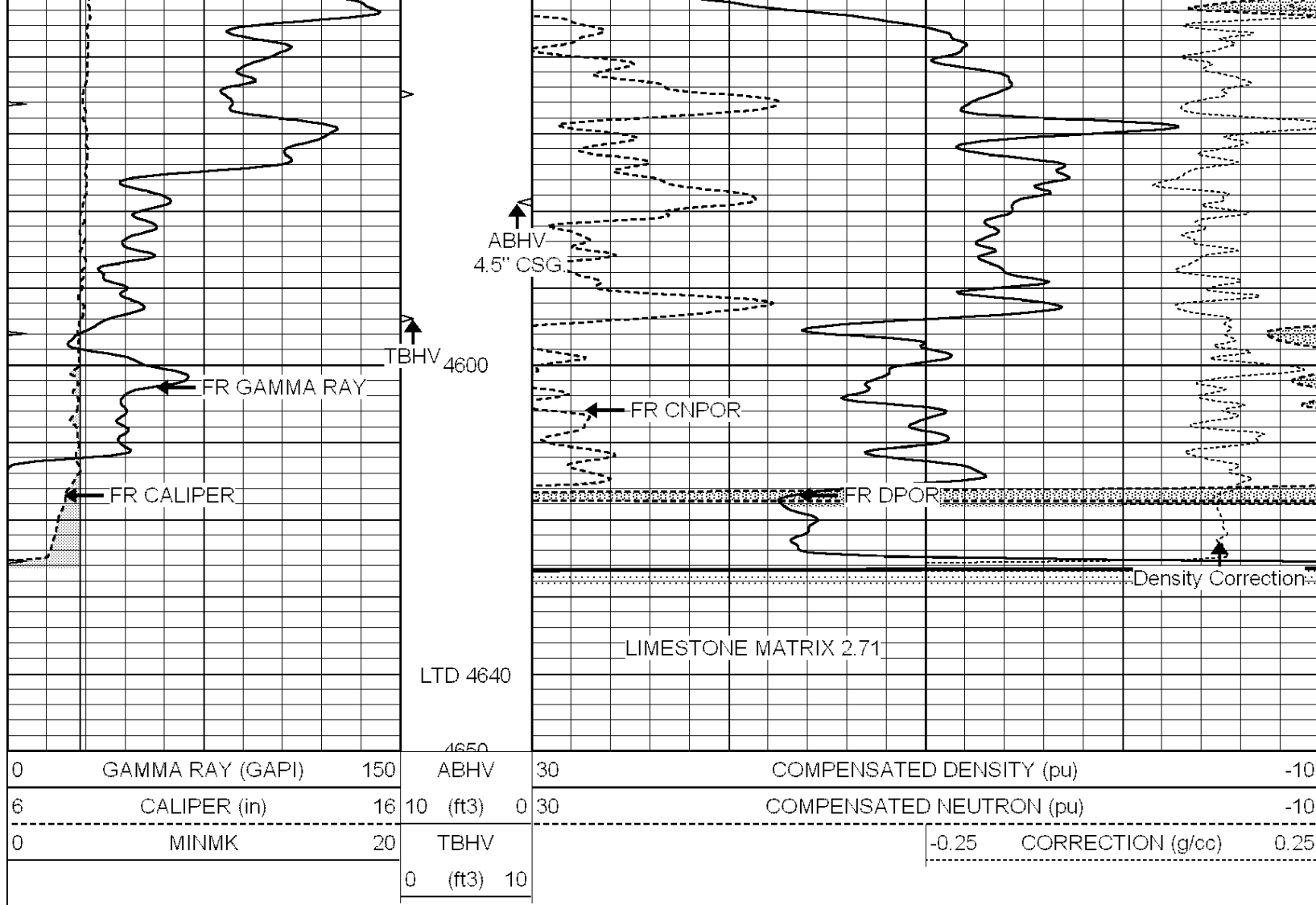
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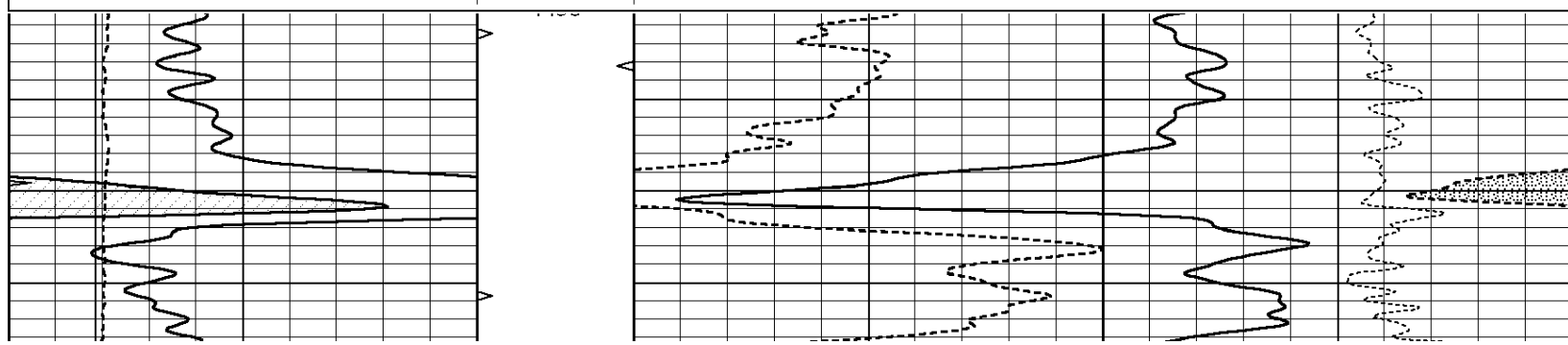


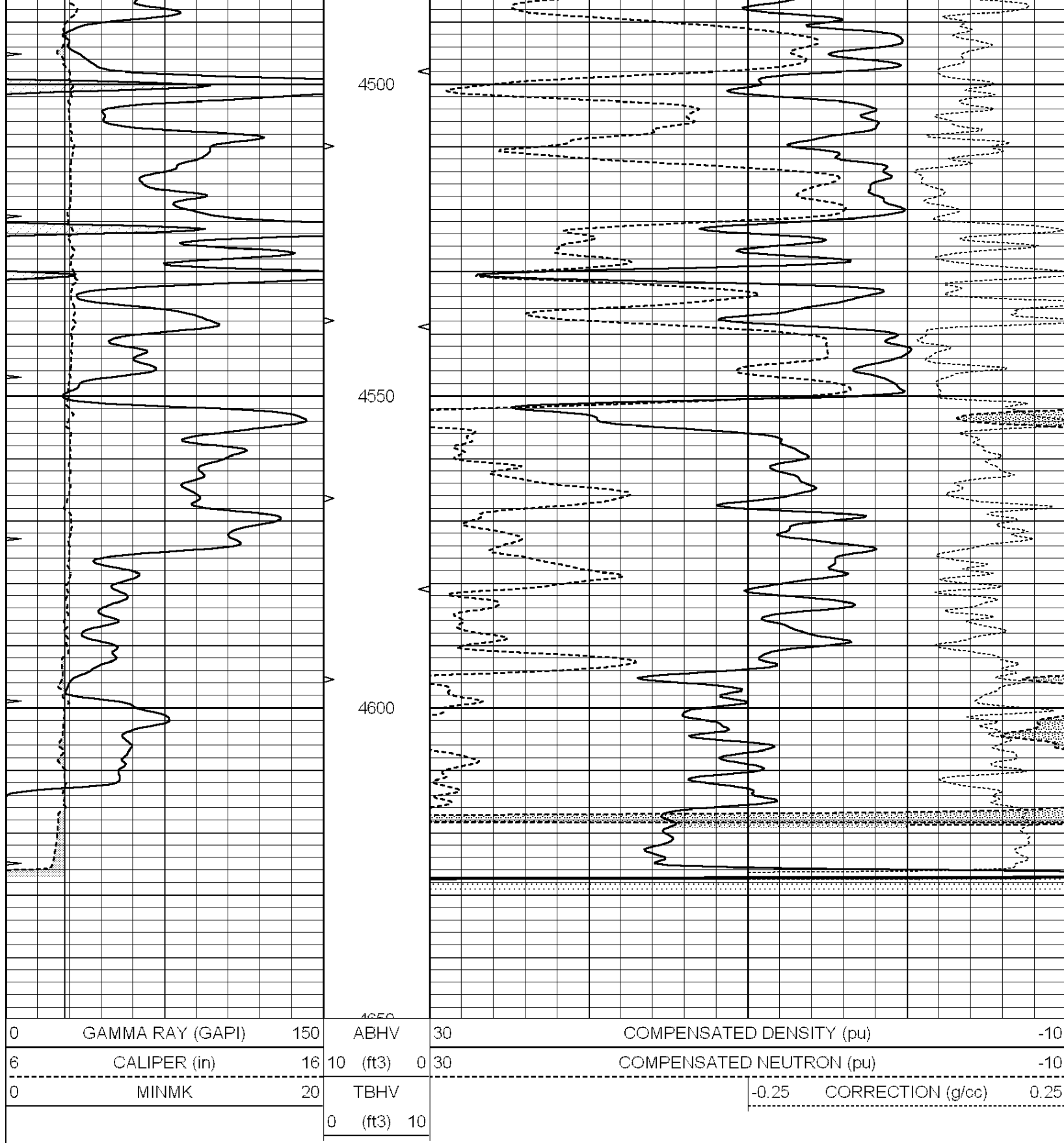
SUPERIOR
Hays,
Kansas

REPEAT SECTION

Database File: 009565ddn.db
 Dataset Pathname: pass6.1
 Presentation Format: den_neu
 Dataset Creation: Fri Aug 03 18:28:17 2012 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: 009565ddn.db
Dataset Pathname: pass7.3
Dataset Creation: Fri Aug 03 18:52:17 2012 by Calc Open-Cased 090629

Dual Induction Calibration Report

Serial-Model:
Surface Cal Performed:

PROBE9-DILG
Wed Jul 04 23:54:25 2012

Surface Calibration								
Readings			References			Results		
Loop:	Air	Loop		Air	Loop		m	b
Deep	-0.014	0.629	V	0.000	400.000	mmho/m	540.000	-12.000
Medium	0.039	0.728	V	0.000	464.000	mmho/m	540.000	-14.000
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.011	0.610	V	0.000	400.000	mmho/m	667.135	-7.256
Medium	0.005	0.712	V	0.000	464.000	mmho/m	655.677	-3.102

Downhole Calibration								
Readings			References			Results		
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	14.508	388.384	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	166.367	504.400	mmho/m	1.000	0.000
LL3		7.500	V		1400.000	Ohm-m		
		0.000	V		20.000	Ohm-m		
		-7.200	V		3970.000	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		

Compensated Density Calibration Report

Serial-Model:	GEAR1-GEARHART
Source / Verifier:	147 / 147
Master Calibration Performed:	Wed Jul 11 18:39:29 2012

Master Calibration						
	Density			Far Detector		Near Detector
Magnesium	1.710	g/cc		1243.76		629.14 cps
Aluminum	2.590	g/cc		282.16		435.01 cps
Spine Angle = 76.03			Density/Spine Ratio = 0.576			
	Size			Reading		
Small Ring	8.00	in		3.90	V	
Large Ring	15.00	in		6.09	V	

Compensated Neutron Calibration Report

Serial Number:	NUE_2I
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:	GR2	
Tool Model:	OPEN	
Performed:	Fri Jul 20 14:32:42 2012	
Calibrator Value:	200.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	740.0	cps
Sensitivity:	0.3200	GAPI/cps