



SUPERIOR
Hays,
Kansas

COMPENSATED
DENSITY / NEUTRON
LOG

Company	TRANS PACIFIC OIL CORP.		
Well	BRIGGS B #2-18		
Field	BRIGGS		
County	GOVE		
State	KANSAS		
Company	TRANS PACIFIC OIL CORPORATION		
Well	BRIGGS B #2-18		
Field	BRIGGS		
County	GOVE		
State	KANSAS		
Location:	API # : 15-063-21898-0000		Other Services
	3795' FSL & 990' FEL N/2 - NW - SE - NE		DIL
	SEC 18 TWP 14S RGE 27W		
Permanent Datum	GROUND LEVEL	Elevation	2540
Log Measured From	KELLY BUSHING 9' A.G.L.		
Drilling Measured From	KELLY BUSHING	Elevation	K.B. 2549 D.F. 2547 G.L. 2540
Date	4/9/11		
Run Number	ONE		
Depth Driller	4340		
Depth Logger	4341		
Bottom Logged Interval	4317		
Top Log Interval	3500		
Casing Driller	8 5/8"@254'		
Casing Logger	251'		
Bit Size	7 7/8"		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 3000 PPM	
Density / Viscosity	9.5/58		
pH / Fluid Loss	10.0/8.8		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	1.50@78F		
Rmf @ Meas. Temp	1.13@78F		
Rmc @ Meas. Temp	1.80@78F		
Source of Rmf / Rmc	MEASUREMENT		
Rim @ BHT	0.98@119F		
Time Circulation Stopped	12 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	119F		
Equipment Number	0836		
Location	HAYS, KANSAS		
Recorded By	JEFF GRONEWEG		
Witnessed By	BETH ISERN		

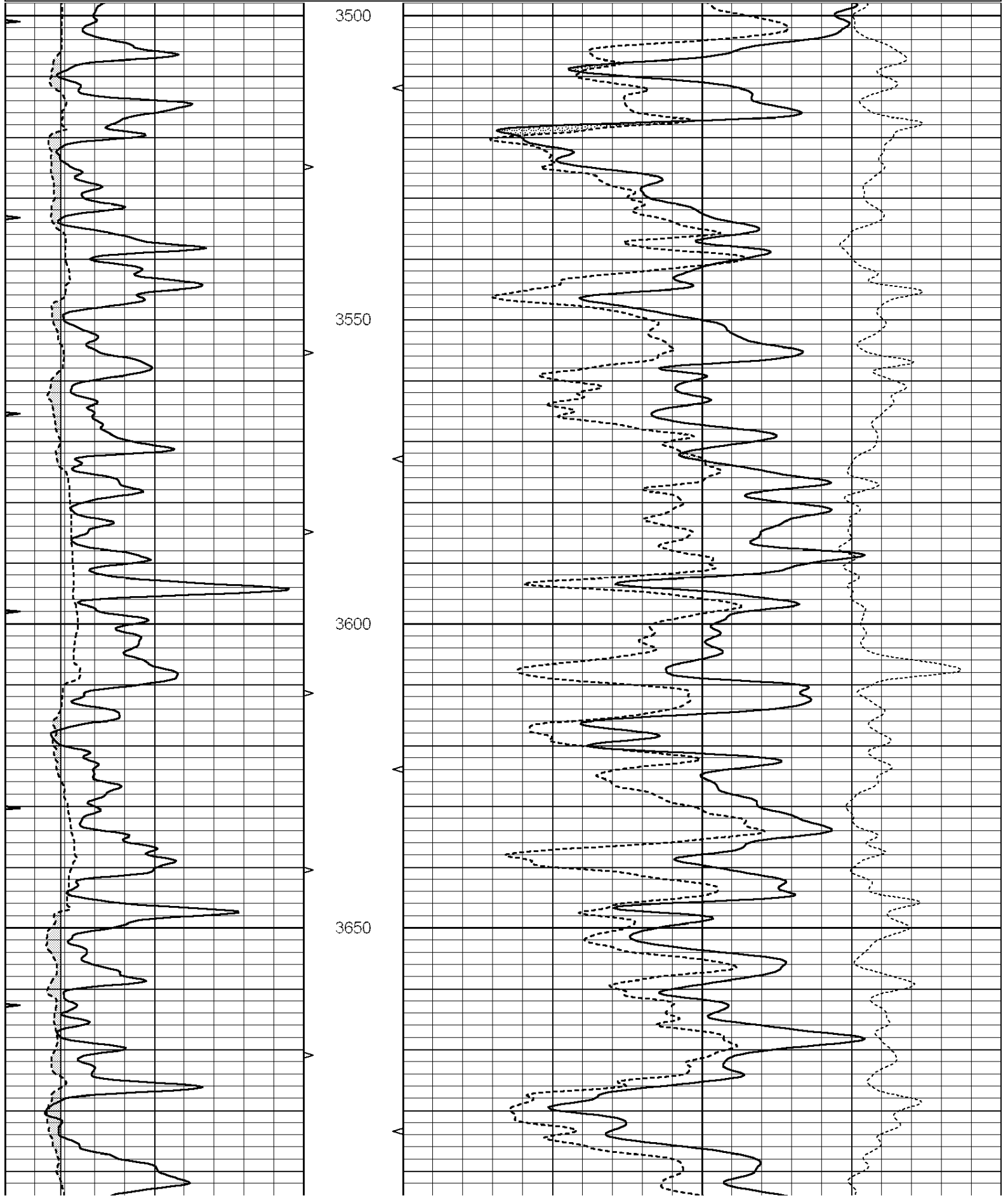
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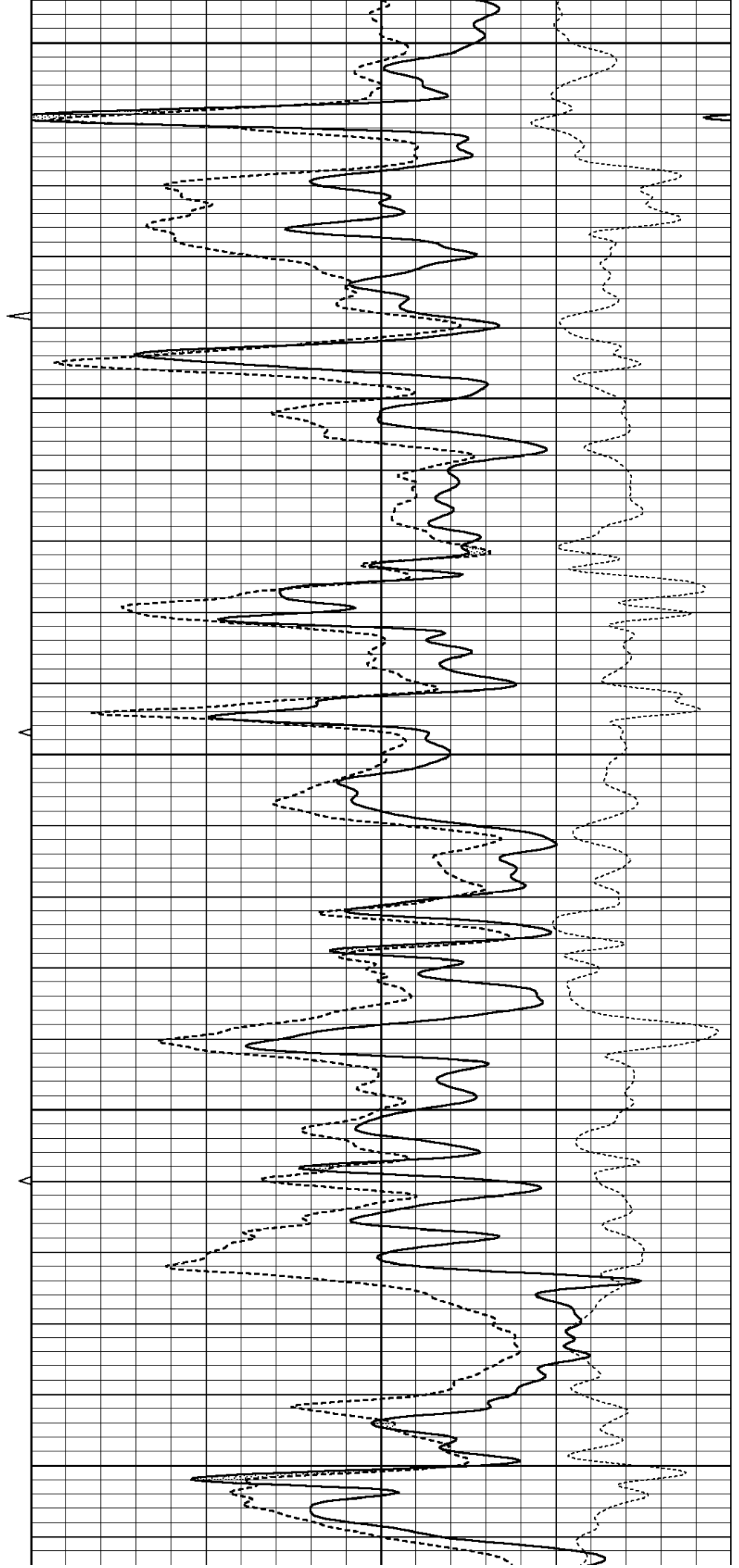
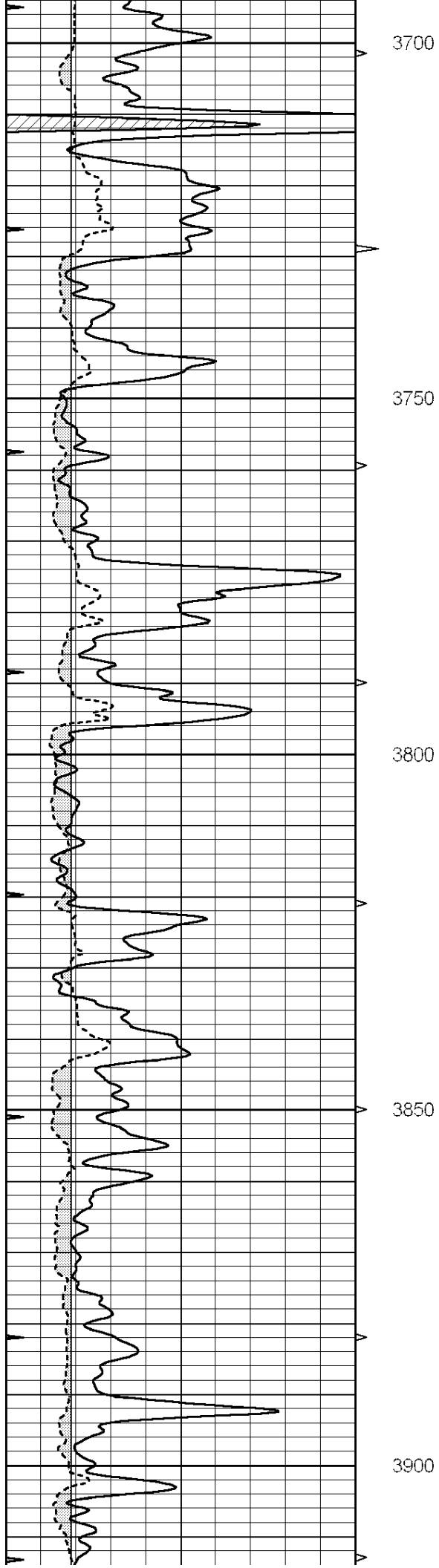
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

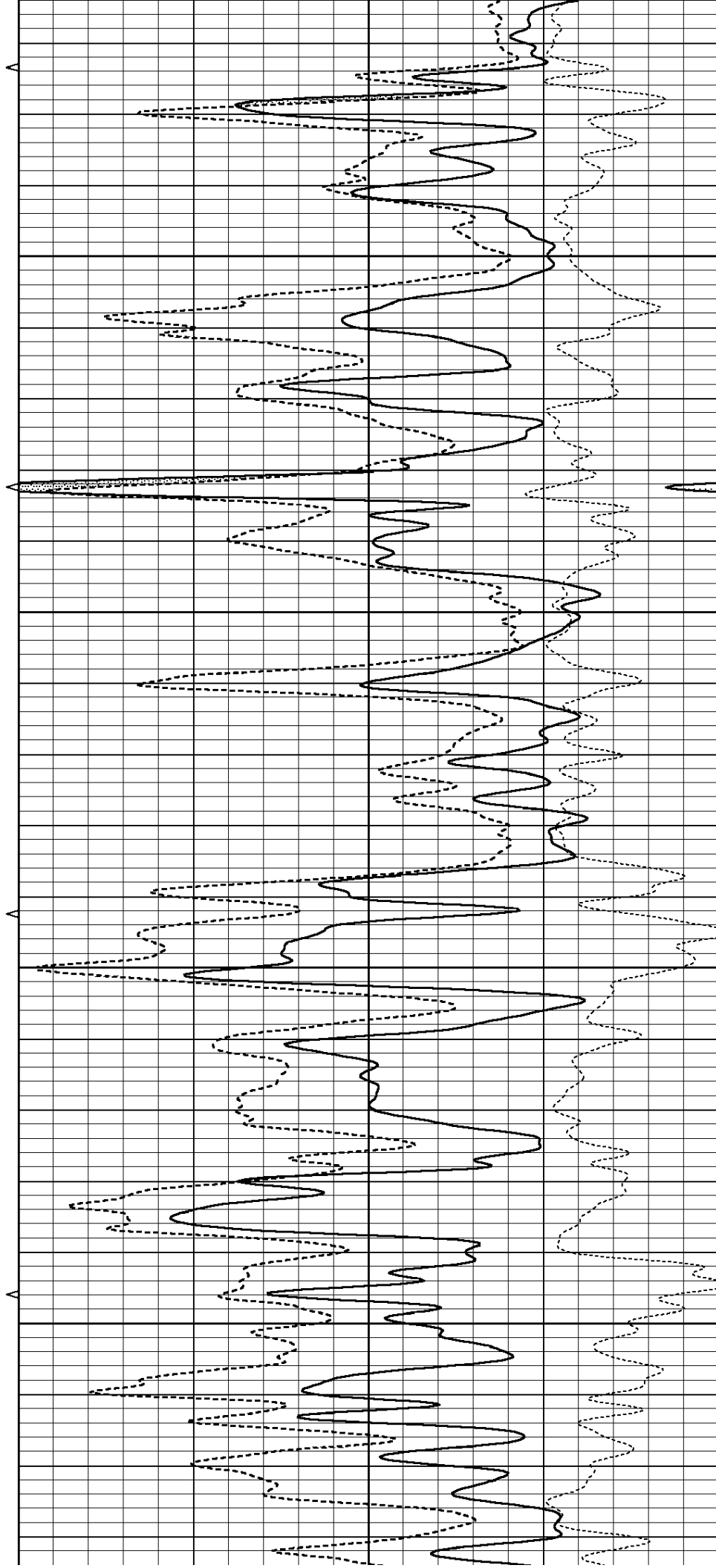
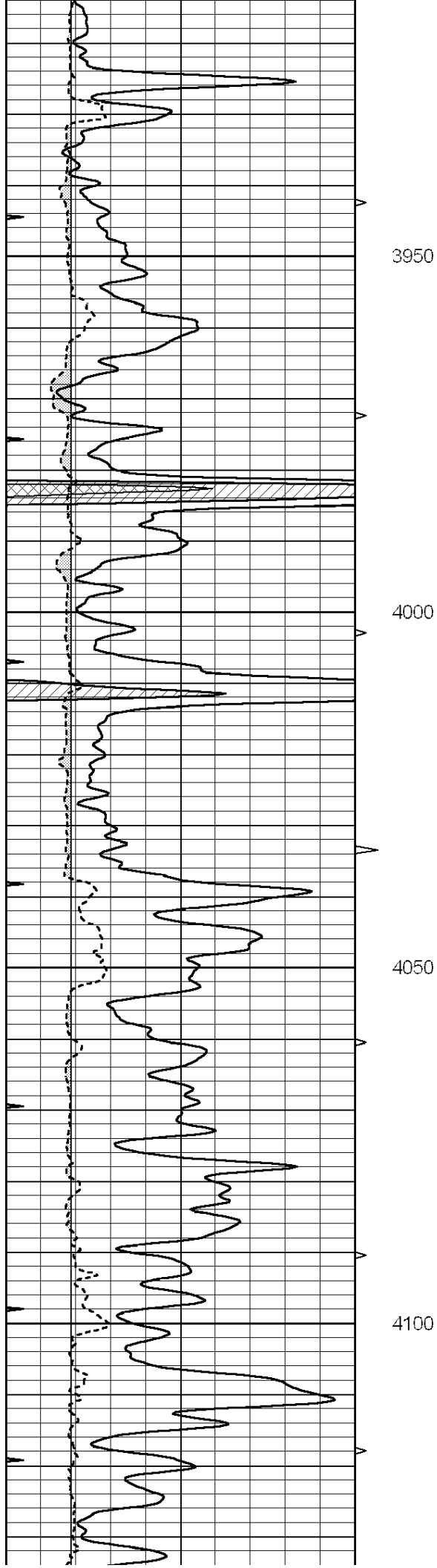
Comments

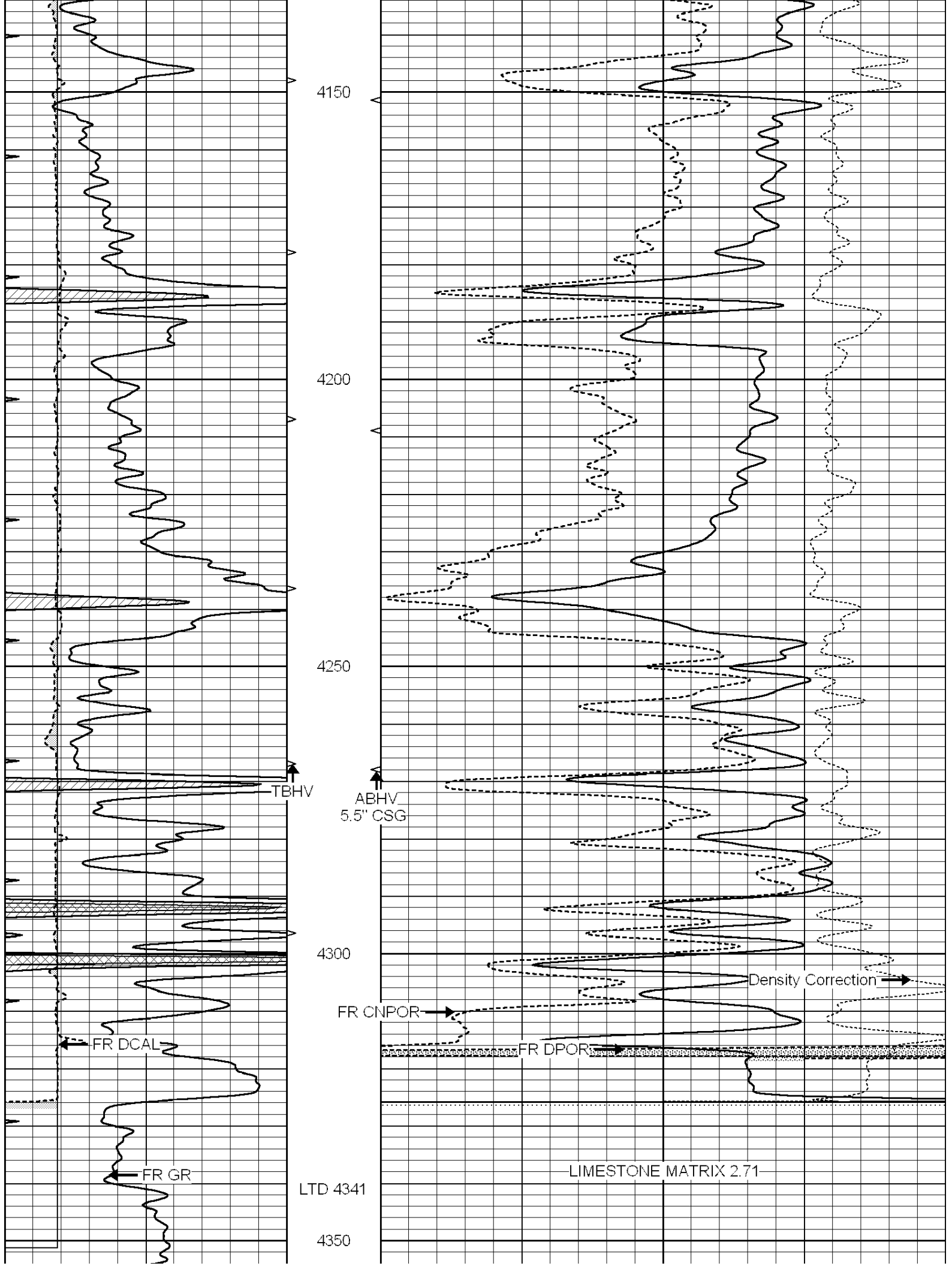
THANK YOU FOR USING SUPERIOR WELL SERVICE HAYS, KANSAS (785) 628-6395
DIRECTIONS
QUINTER, KS - 15 MILES SOUTH TO RD K - 5 1/4 MILES WEST
SOUTH INTO ON WEST SIDE OF TANK BATTERY

Charted by: _____		Depth in Feet scaled 1:2.10				
0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)	-10
6	CALIPER (in)	16	10 (ft3)	0 30	COMPENSATED NEUTRON (pu)	-10
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0	MINMK	20	TBHV		-0.25 CORRECTION (g/cc)	0.25
		0 (ft3) 10				









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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		

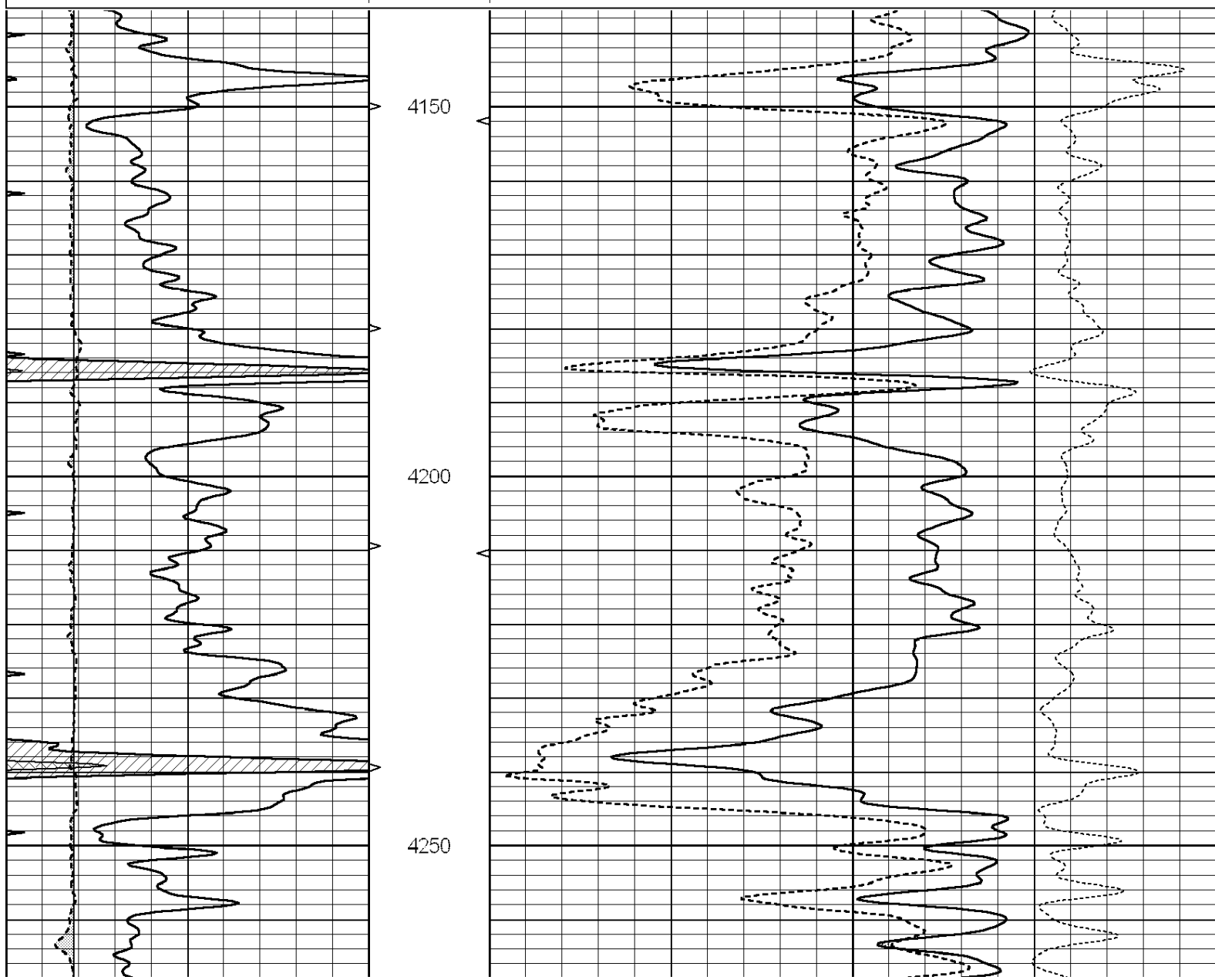


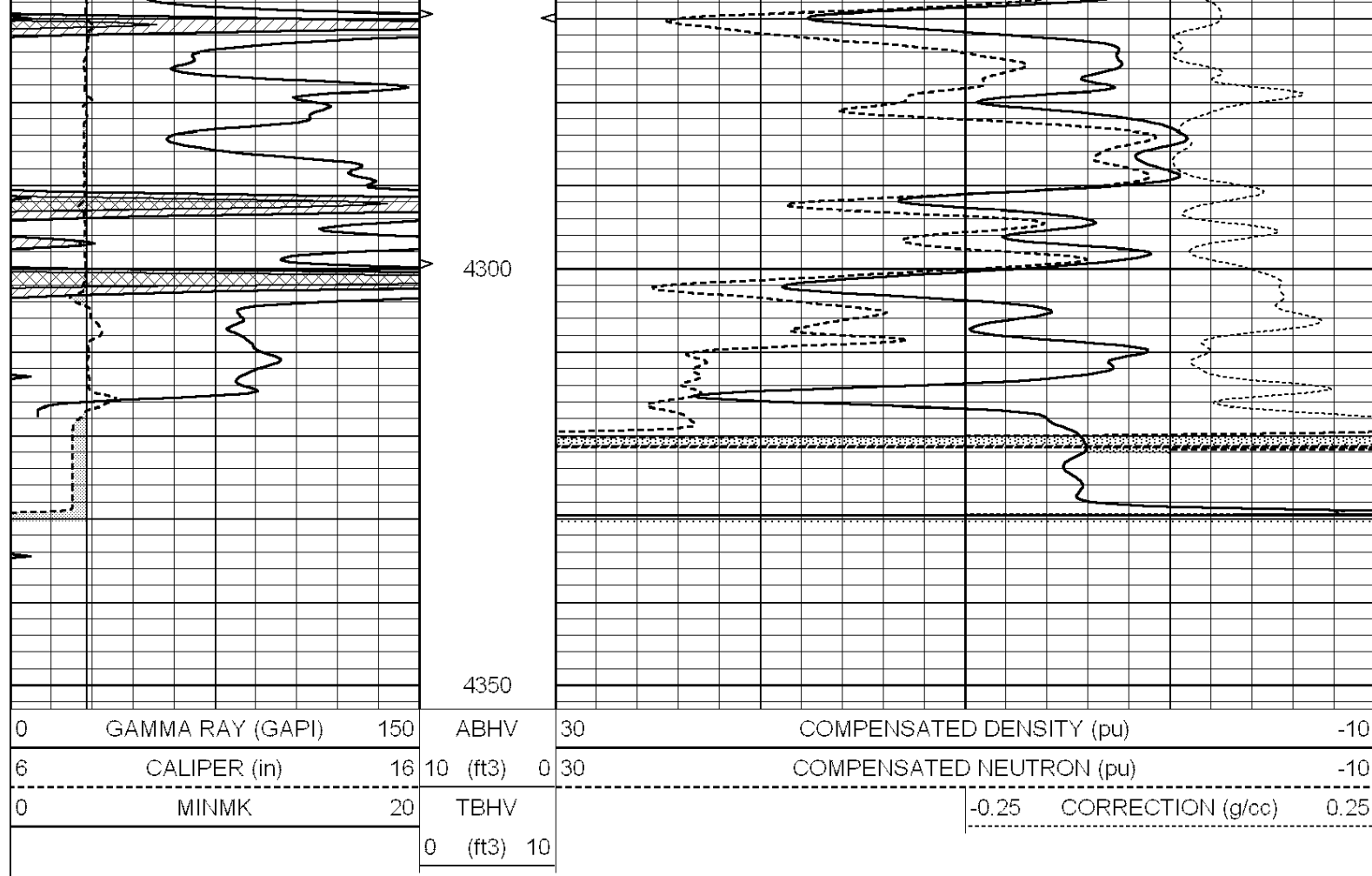
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REPEAT SECTION

Database File: 006805ddn.db
Dataset Pathname: pass2.1
Presentation Format: den_neu
Dataset Creation: Sun Apr 10 01:40:56 2011 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: 006805ddn.db
 Dataset Pathname: pass3.9
 Dataset Creation: Sun Apr 10 01:37:04 2011

Dual Induction Calibration Report

Serial-Model: DIL6-GEAR
 Performed: Tue Mar 29 02:36:46 2011

Readings				References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.001	0.644	V	0.000	400.000	mmho/m	660.000	-4.000
Medium	0.020	0.738	V	0.000	462.500	mmho/m	740.000	-21.000
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.000	1.000	V	0.000	1.000	mmho/m	1.000	0.000
Medium	0.000	1.000	V	0.000	1.000	mmho/m	1.000	0.000

Litho Density Calibration Report
 Serial: 006 Model: PRB
 Performed Sun Aug 15 09:48:41 2010

Litho Density Calibration

	Background	Magnesium	Aluminum	Sandstone	
Window 1	1686.6	11612.8	3932.0	12718.8	cps
Window 2	1531.4	9204.7	3267.8	9851.9	cps
Window 3	1198.3	4733.6	1952.5	4920.6	cps
Window 4	317.3	321.2	325.9	303.6	cps

Long Space	0.0	7673.3	1736.4	8320.4	cps
Short Space	1.7	2548.5	1657.2	2628.8	cps
Rho		1.7100	2.5900	1.3800	g/cc
Pe			2.5700	1.5500	
Rib Angle	: 43.8	Rib Slope	: 0.961	Density/Spine Ratio	: 0.569
Spine Angle	: 73.8	Spine Slope	: 3.453	Spine Intercept	: -18.1

Caliper					
Low Ref	Readings	Reference			
High Ref	4.0	6.7			
	6.2	14.0			
	Gain: 3.2		Offset: -6.2		

Compensated Neutron Calibration Report					
		Serial Number:	NEU_4I		
		Tool Model:	G		

CALIBRATION					
	Detector	Readings	Target	Normalization	
	Short Space	996.00 cps	1000.00 cps	1.0000	
	Long Space	977.00 cps	1000.00 cps	1.0000	

Gamma Ray Calibration Report					
Serial Number:		GR4			
Tool Model:		OPEN			
Performed:		Mon Apr 04 09:01:02 2011			
Calibrator Value:		200.0	GAPI		
Background Reading:		0.0	cps		
Calibrator Reading:		189.0	cps		
Sensitivity:		1.7000	GAPI/cps		