



SUPERIOR
Hays,
Kansas

COMPENSATED
NEUTRON / DENSITY
PE LOG

Company VINCENT OIL CORPORATION		Company VINCENT OIL CORPORATION	
Well DUFFORD #1-32		Well DUFFORD #1-32	
Field		Field	
County FORD		County FORD	
State KANSAS		State KANSAS	
Location: 430' FNL & 1105' FEL		API # : 15-057-20807-0000	
SEC 32 TWP 29S RGE 24W		Other Services DIL MEL/SON	
Permanent Datum	GROUND LEVEL	Elevation	2572
Log Measured From	KELLY BUSHING 12' A.G.L.	K.B. 2584	
Drilling Measured From	KELLY BUSHING	D.F. 2582	
		G.L. 2572	
Date	5/31/12		
Run Number	ONE		
Depth Driller	5480		
Depth Logger	5482		
Bottom Logged Interval	5458		
Top Log Interval	4200		
Casing Driller	8 5/8" @ 650		
Casing Logger	648		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.4/76	CHLORIDES 11,800 PPM	
pH / Fluid Loss	10.5/12.8		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	0.36 @ 78F		
Rmf @ Meas. Temp	0.27 @ 78F		
Rmc @ Meas. Temp	0.43 @ 78F		
Source of Rmf / Rmc	MEASURED		
Rm @ BHT	0.22 @ 129F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	129F		
Equipment Number	680		
Location	HAYS, KS.		
Recorded By	JEFF GRONEMEG		
Witnessed By	KENLEBLANC		

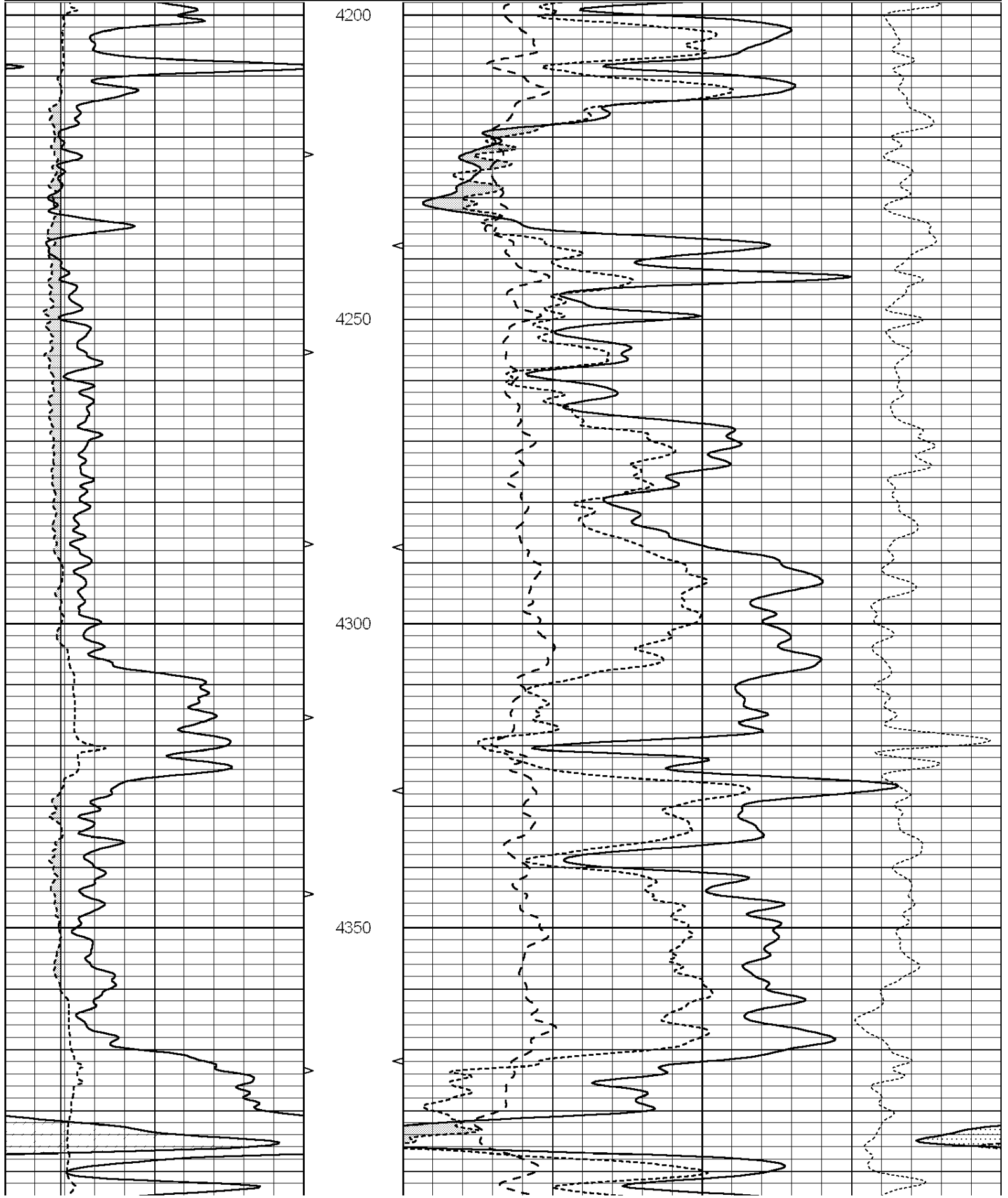
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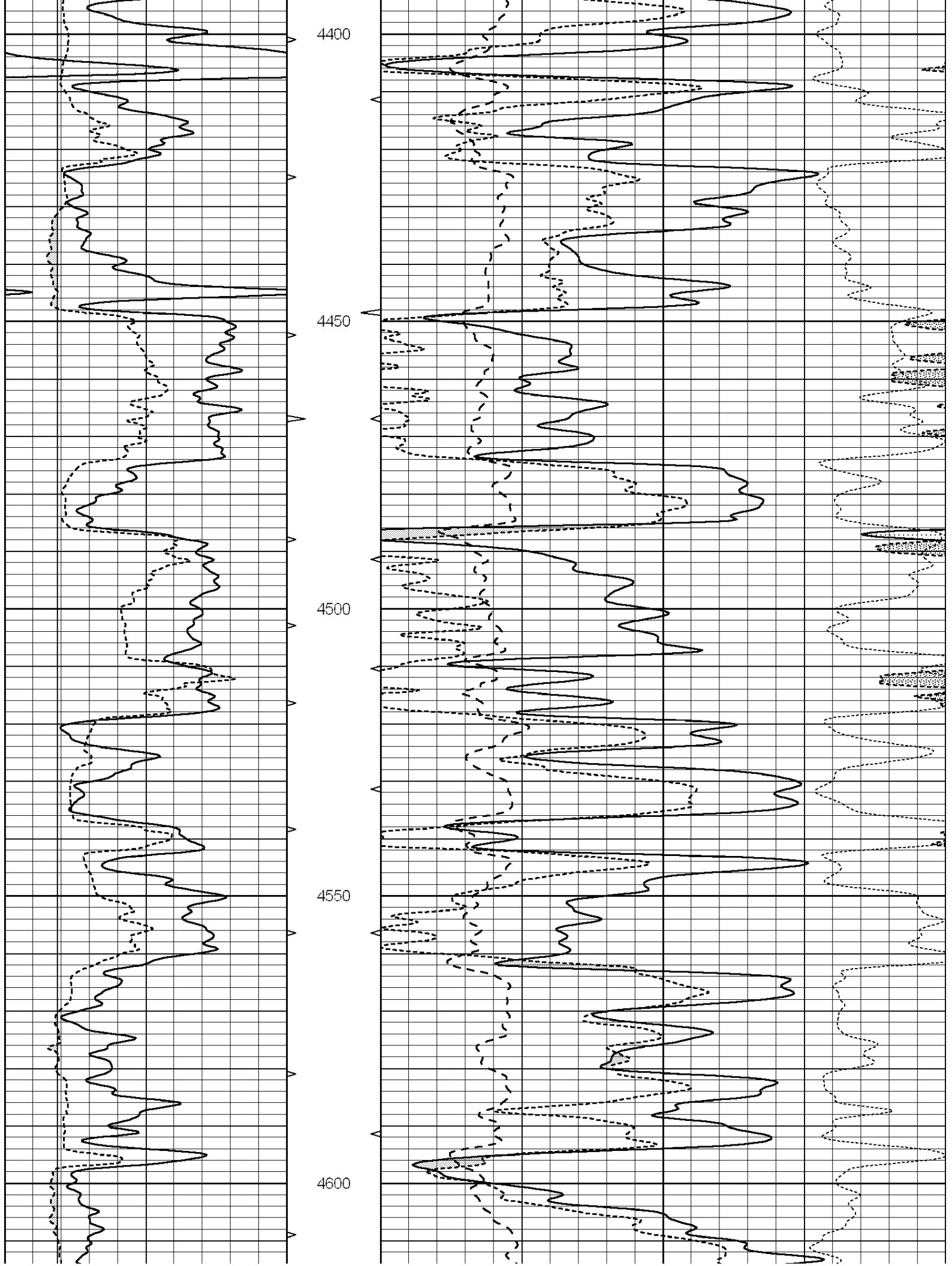
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

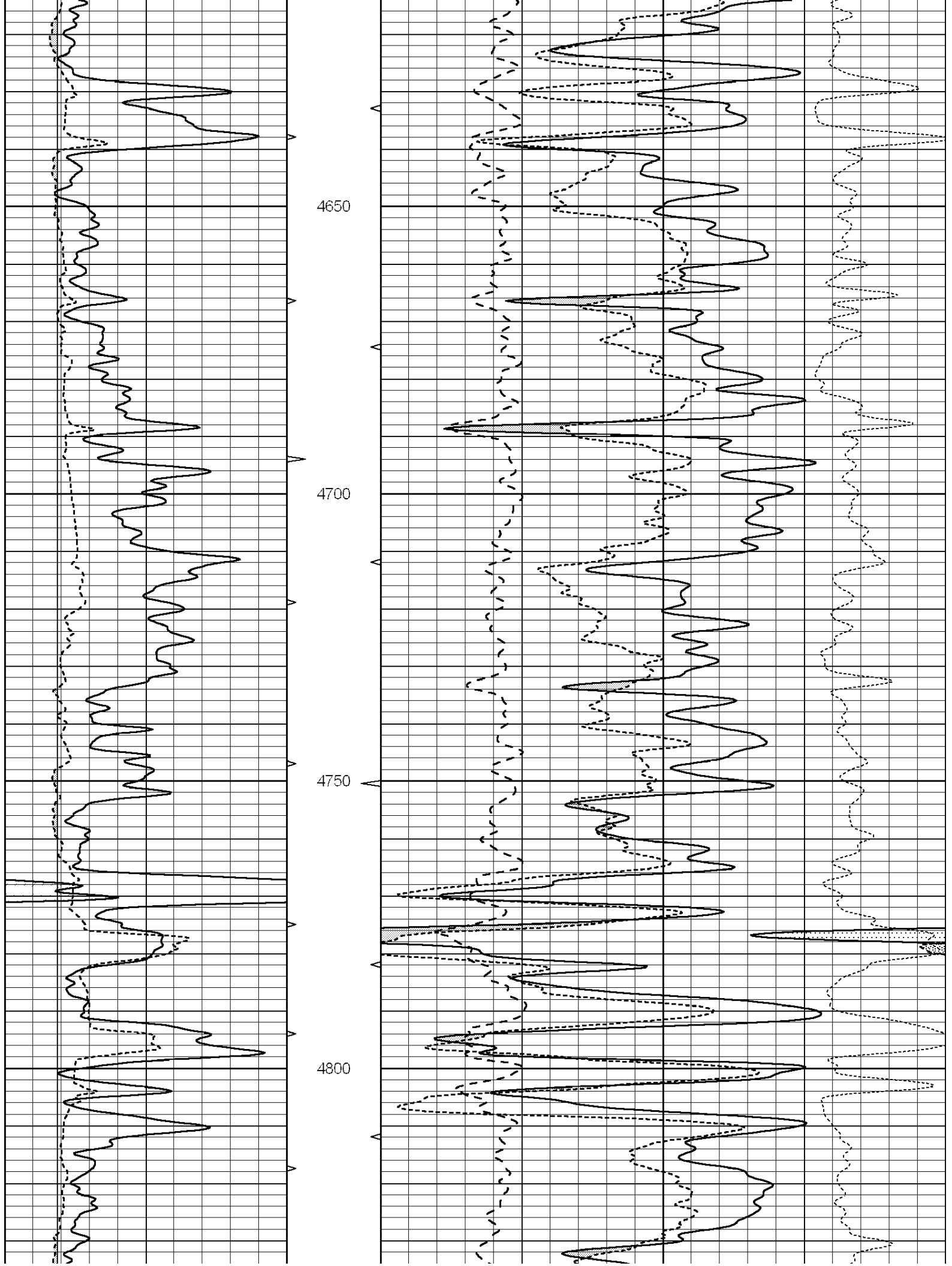
Comments

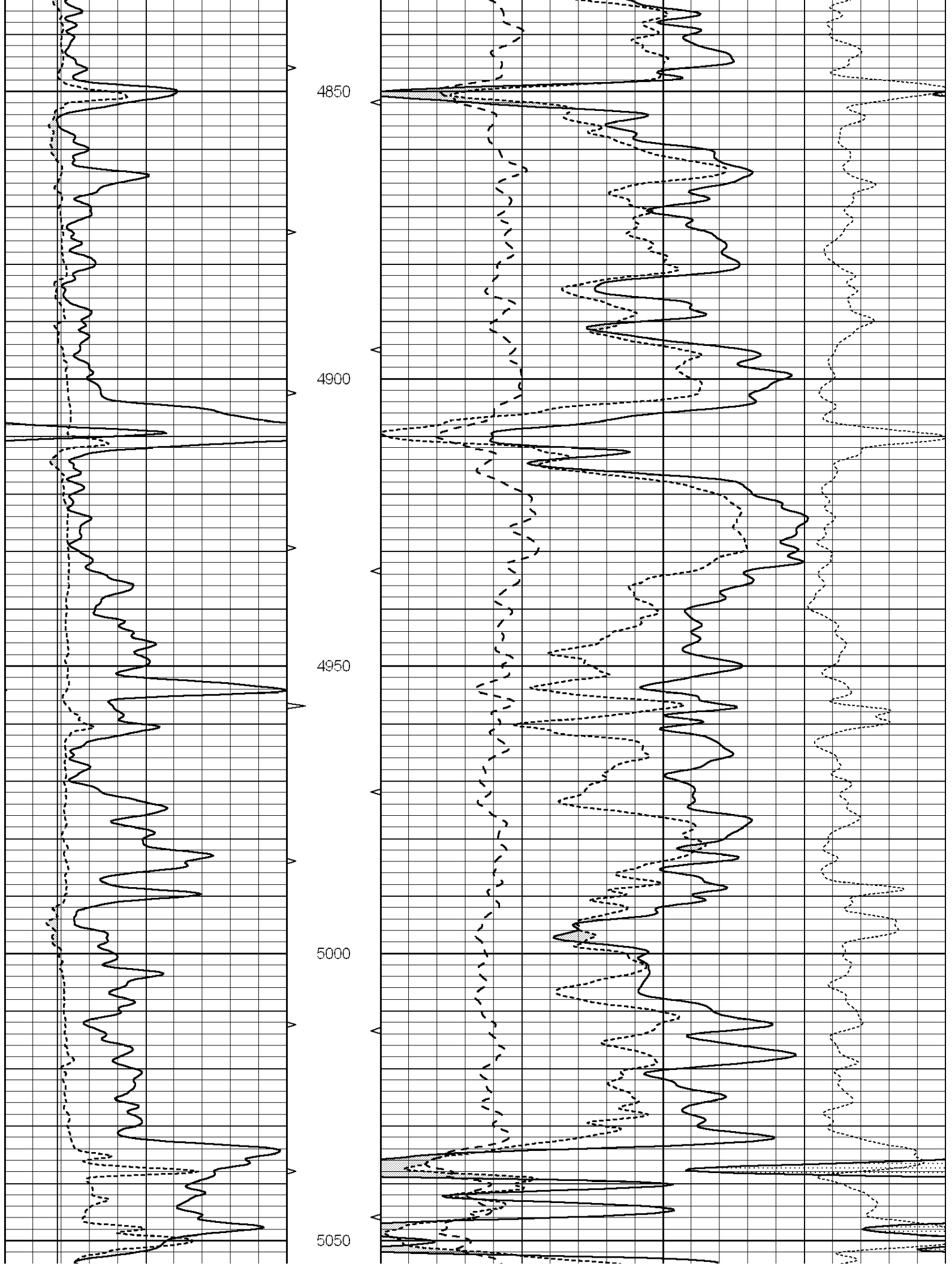
THANK YOU FOR USING SUPERIOR WELL SERVICE (785) 628-6395
DIRECTIONS
WRIGHT, KS - SOUTH TO SADDLE RD - 3 MILES WEST TO RD 114
11 MILES SOUTH TO YUCCA RD - 1/4 MILE WEST - SOUTH INTO

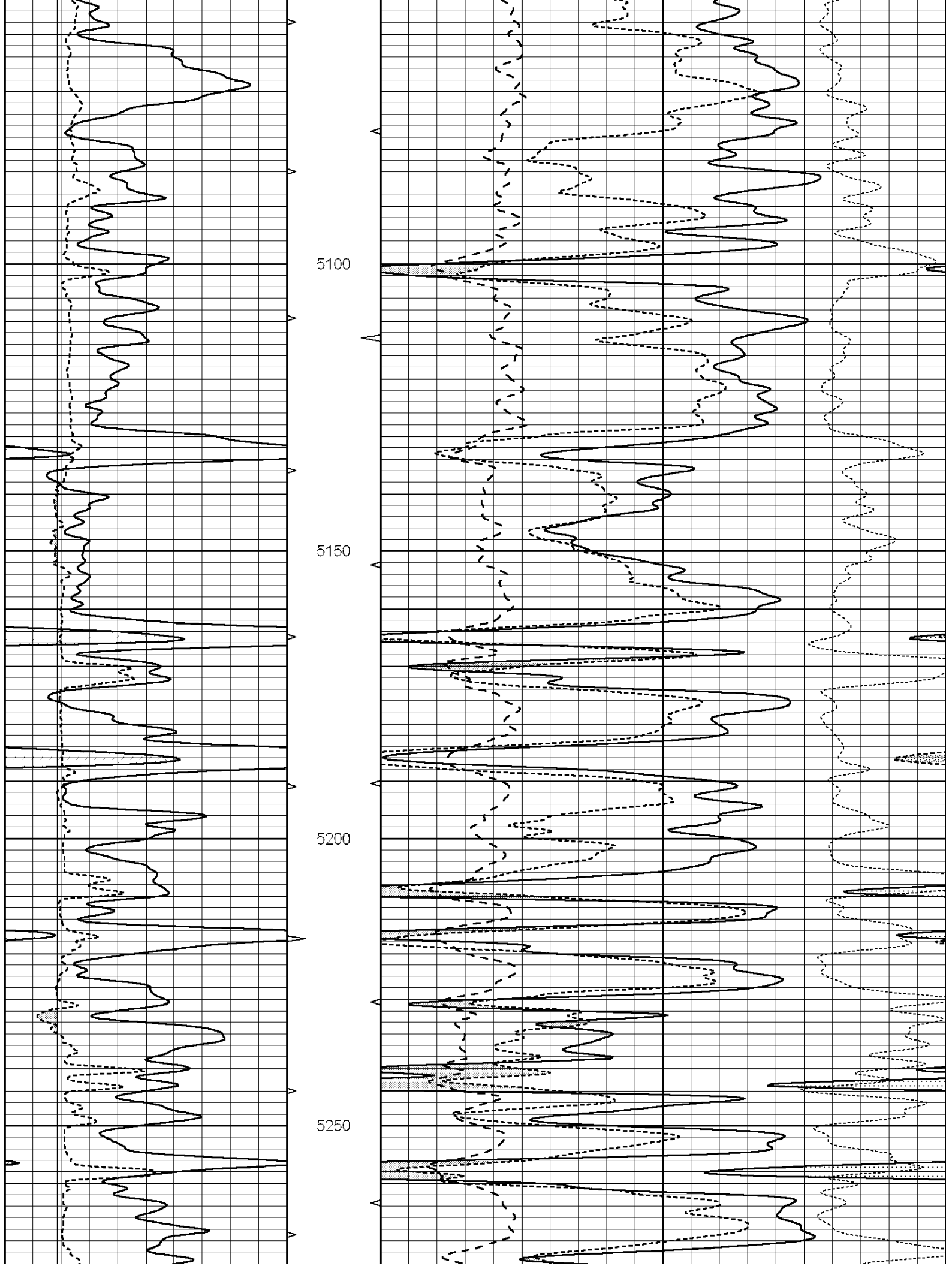
Charted by:		Depth in Feet scaled 1:2.15				
0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)	-10
6	CALIPER (in)	16	10 (ft3) 0	30	COMPENSATED NEUTRON (pu)	-10
			TBHV	0	PE	10
			0 (ft3) 10	-0.25	CORRECTION (g/cc)	0.25

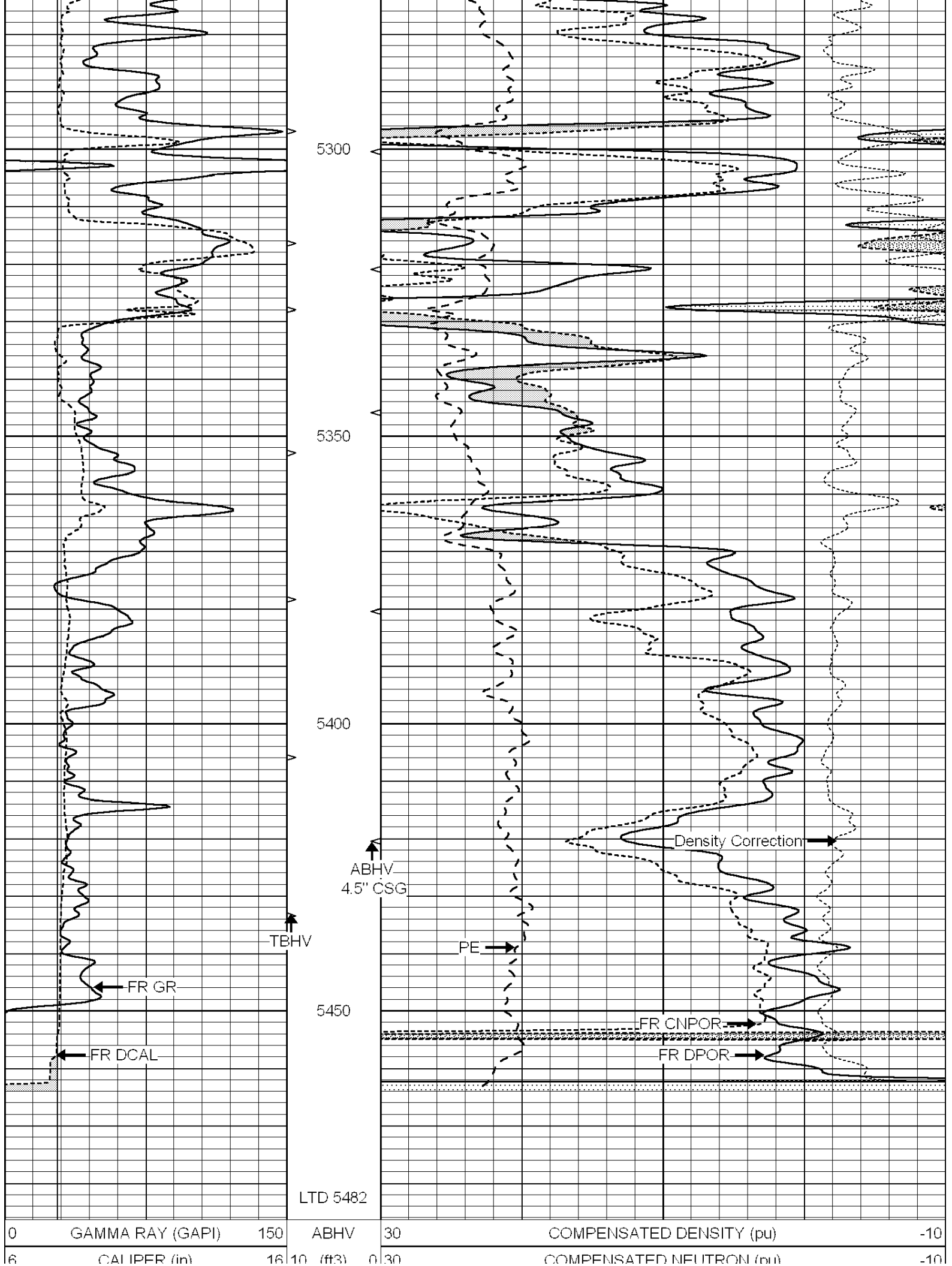












0	TBHV	0	PE	10	-0.25	CORRECTION (g/cc)	0.25
0	(ft3)	10					

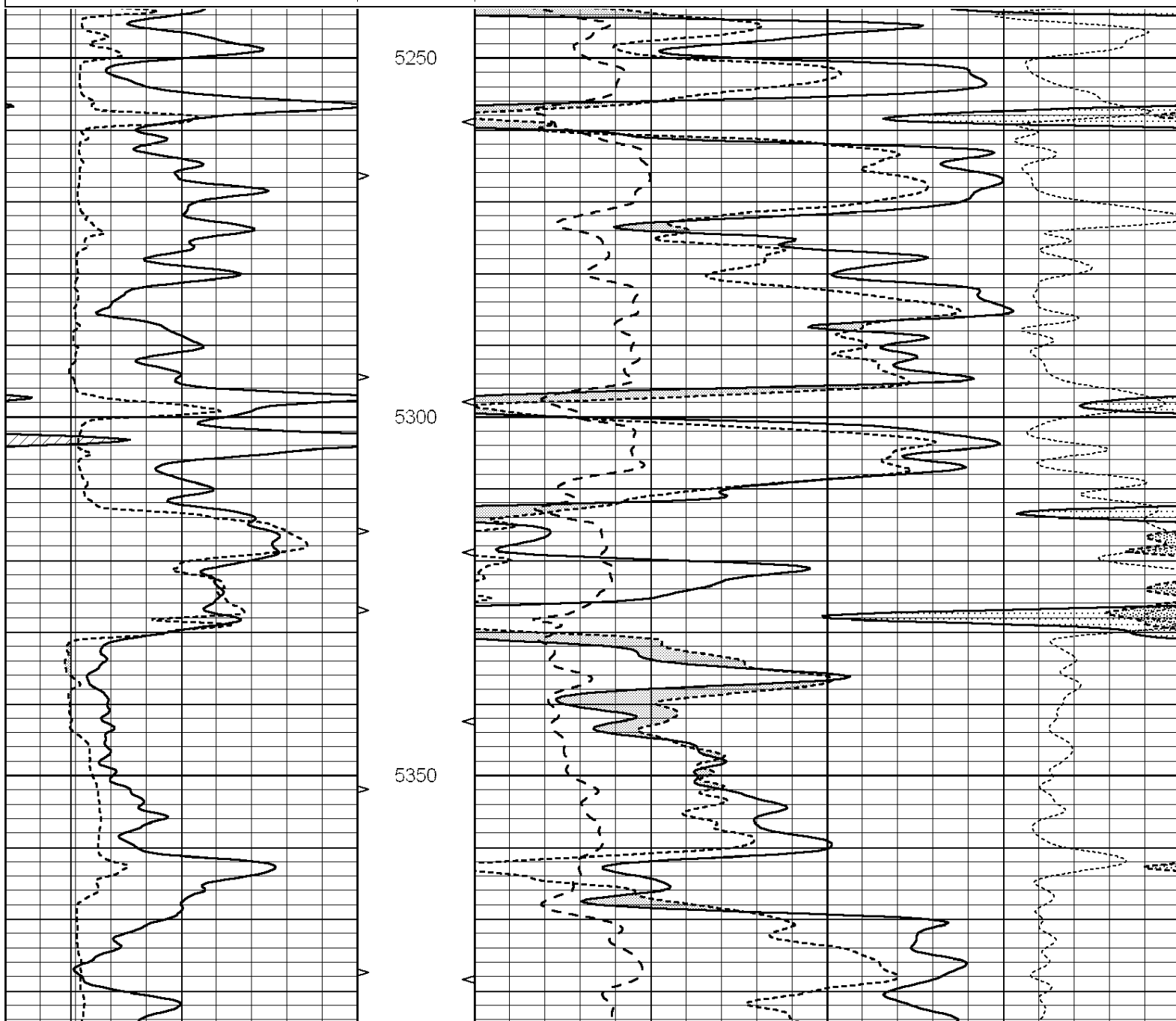


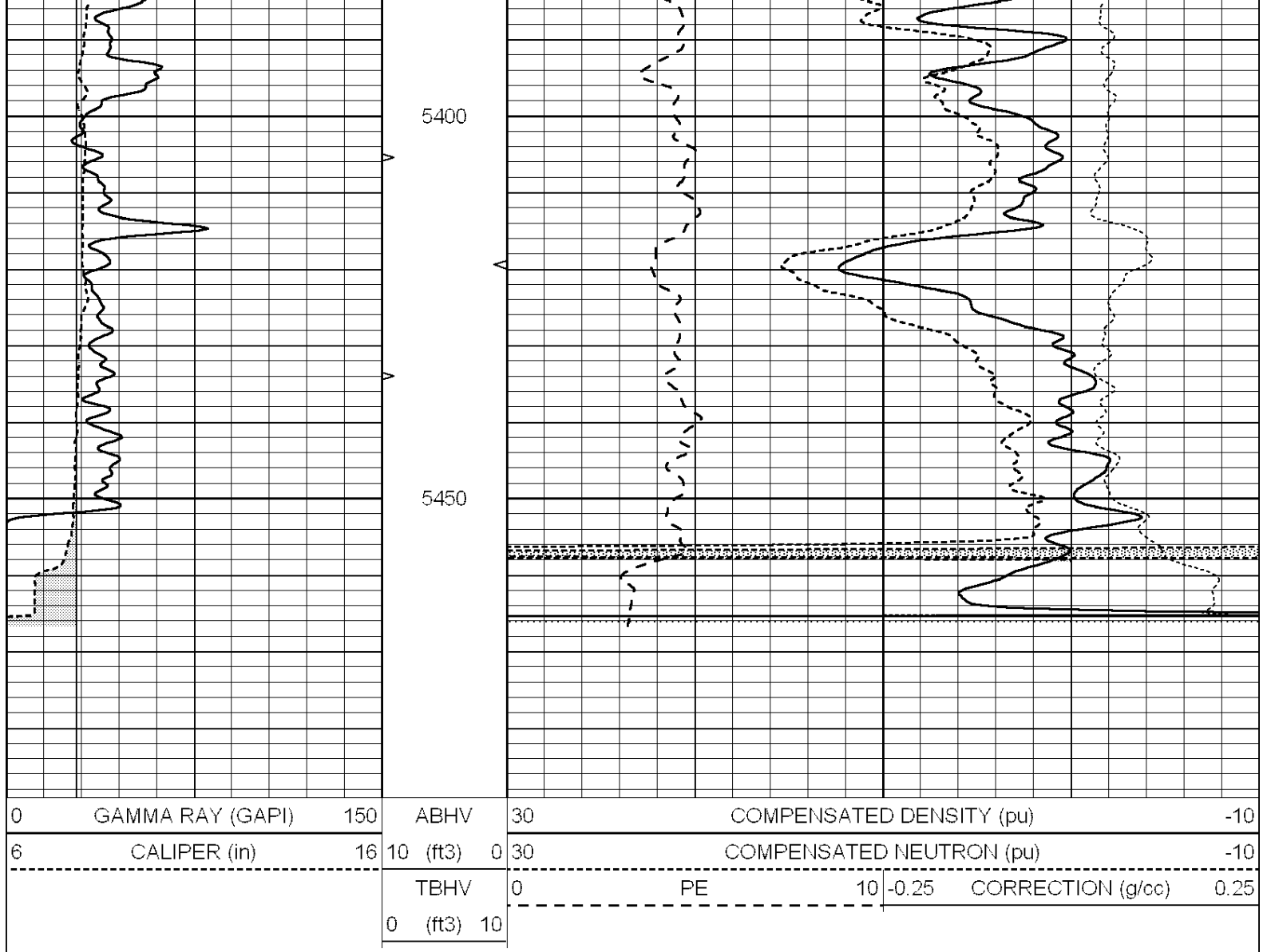
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REPEAT SECTION

Database File: 009210pe.db
Dataset Pathname: pass2.2
Presentation Format: _ldt_neu
Dataset Creation: Thu May 31 10:35:02 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
			TBHV	0	PE	10	-0.25	CORRECTION (g/cc)	0.25	
			0 (ft3)	10						





Calibration Report

Database File: 009210pe.db
Dataset Pathname: pass3.1
Dataset Creation: Thu May 31 10:23:04 2012 by Calc Open-Cased 090629

Dual Induction Calibration Report

Serial-Model: PROBE8-DILG
Surface Cal Performed: Fri Aug 01 06:33:19 2008
Downhole Cal Performed: Mon Jul 28 11:08:27 2008
After Survey Verification Performed: Mon Jul 28 11:08:27 2008

Surface Calibration

Readings				References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.015	0.648	V	0.000	400.000	mmho/m	632.616	-9.730
Medium	0.029	0.796	V	0.000	464.000	mmho/m	605.049	-17.680
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.017	0.657	V	0.000	400.000	mmho/m	625.153	-10.619
Medium	0.016	0.757	V	0.000	464.000	mmho/m	625.992	-9.739

Downhole Calibration

Readings References Results

	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	2.011	405.777	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	7.590	503.393	mmho/m	1.000	0.000
LL3		7.500	V		1500.000	Ohm-m		
		0.000	V		20.000	Ohm-m		
		-7.200	V		3800.000	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		
Litho Density Calibration Report Serial: 001 Model: PRB Performed Thu Sep 17 09:57:21 2009								
Litho Density Calibration								
	Background	Magnesium		Aluminum		Sandstone		
Window 1	2056.0	9796.8		3673.1		10821.3		cps
Window 2	1920.0	8541.1		3303.5		9307.2		cps
Window 3	1563.1	4735.7		2212.8		5017.5		cps
Window 4	466.0	466.1		465.6		471.5		cps
Long Space	0.0	6621.1		1383.5		7387.2		cps
Short Space	2.5	2361.7		1523.2		2534.0		cps
Rho		1.7100		2.5900		1.3800		g/cc
Pe				2.5700		1.5500		
Rib Angle	: 44.4	Rib Slope	: 0.978	Density/Spine Ratio		: 0.541		
Spine Angle	: 74.4	Spine Slope	: 3.570	Spine Intercept		: -18.9		
Caliper								
Low Ref	Readings	Reference						
High Ref	3.1	8.4						
	4.3	14.3						
	Gain: 4.6			Offset: -7.7				
Compensated Neutron Calibration Report								
Serial Number:				6I				
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:			#8					
Tool Model:			OPEN					
Performed:			Mon Jun 13 16:56:43 2011					
Calibrator Value:			150.0	GAPI				
Background Reading:			0.0	cps				
Calibrator Reading:			175.0	cps				
Sensitivity:			0.8274	GAPI/cps				

SENSITIVITY GROUPS