



**SUPERIOR
Hays,
Kansas**

COMPENSATED DENSITY / NEUTRON LOG

Company TRANS - PACIFIC OIL CORP.
Well STUTZ "H" #5
Field STUTZ EAST
County NESS
State KANSAS

Company TRANS - PACIFIC OIL CORPORATION
Well STUTZ "H" #5
Field STUTZ EAST
County NESS State KANSAS

Location: API # : 15-135-25011-0000

1150' FSL & 330' FWL

SEC 8 TWP 17S RGE 25W

Permanent Datum GROUND LEVEL Elevation 2529
Log Measured From KELLY BUSHING 9' A.G.L.
Drilling Measured From KELLY BUSHING

Other Services
DIL/MEL
Elevation
K.B. 2538
D.F. 2536
G.L. 2529

Date	1/6/10		
Run Number	CNE		
Depth Driller	4550		
Depth Logger	4556		
Bottom Logged Interval	4532		
Top Log Interval	3600		
Casing Driller	8 5/8"@253'		
Casing Logger	252		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 4.000 PPM	
Density / Viscosity	9.2/56		
pH / Fluid Loss	10.0/8.2		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	1.20@60F		
Rmf @ Meas. Temp	.900@60F		
Rmc @ Meas. Temp	1.44@60F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.595@121F		
Time Circulation Stopped	3 HOURS		
Time Logger on Bottom	10:30 P.M.		
Maximum Recorded Temperature	121F		
Equipment Number	0836		
Location	HAYS, KANSAS		
Recorded By	JEFF LUEBBERS		
Witnessed By	BRYCE BIDDLEMAN		

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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

ARNOLD, KS. 3W. ON HWY 4 TO "RD. H", 3 1/2S. JUST PAST WINDMILL, W. INTO CATTLEGUARD.
FOLLOW MAIN TRAIL W.&N.&W. 1 MILE, AFTER PASSING UNDER LARGE POWER LINES GO BACK
SOUTH & TAKE RIGHT FORK IN RD. TO LOCATION

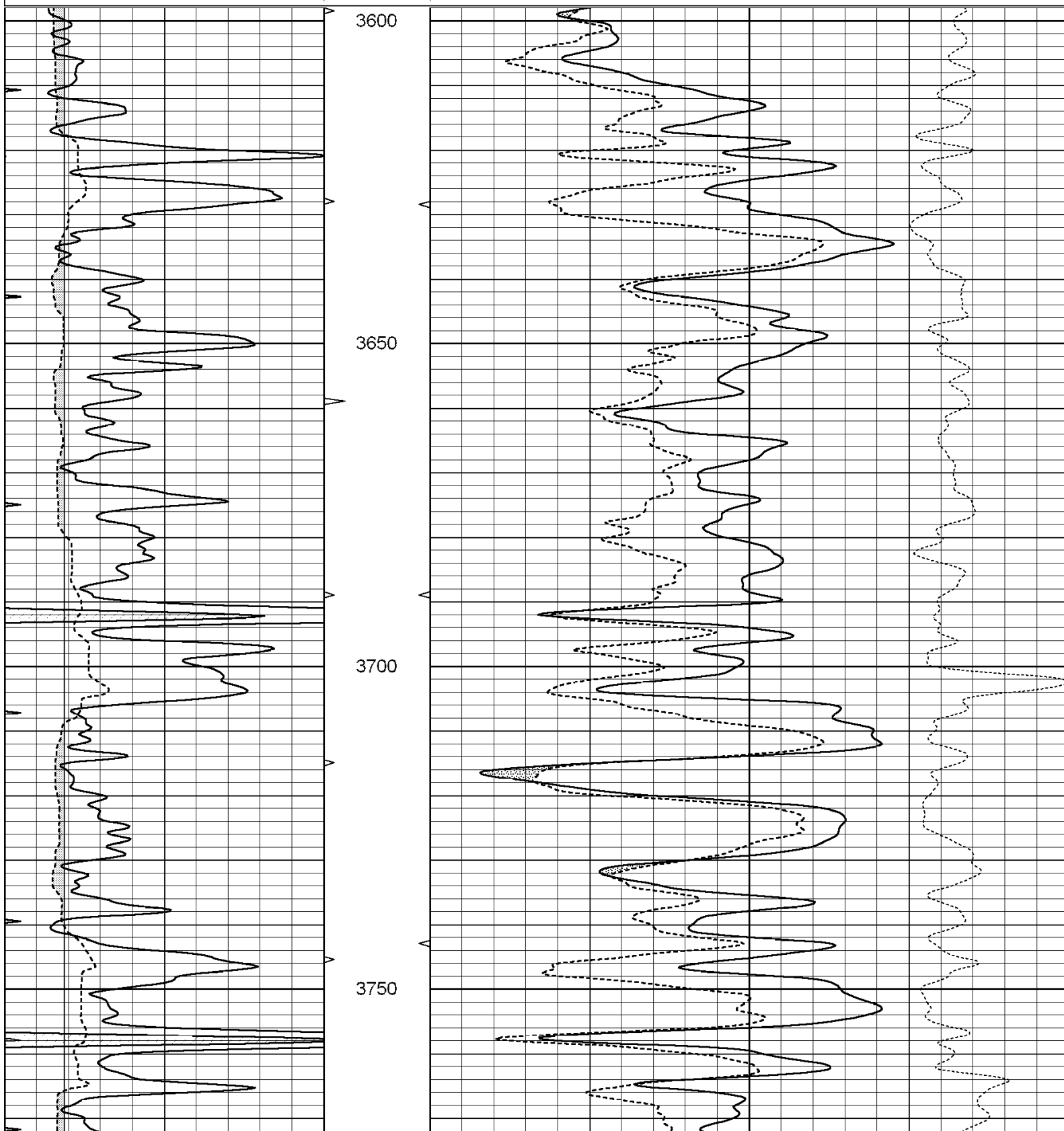


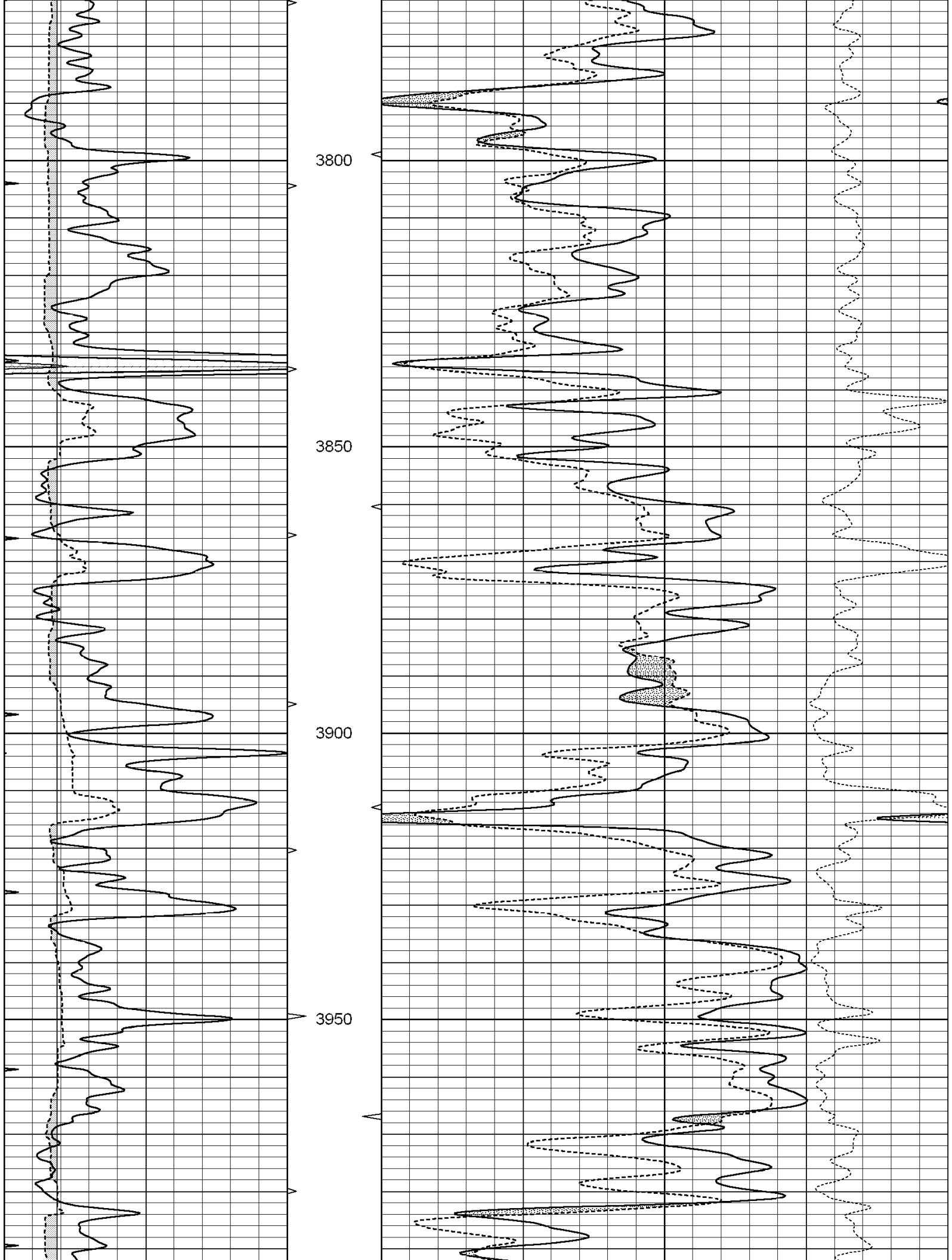
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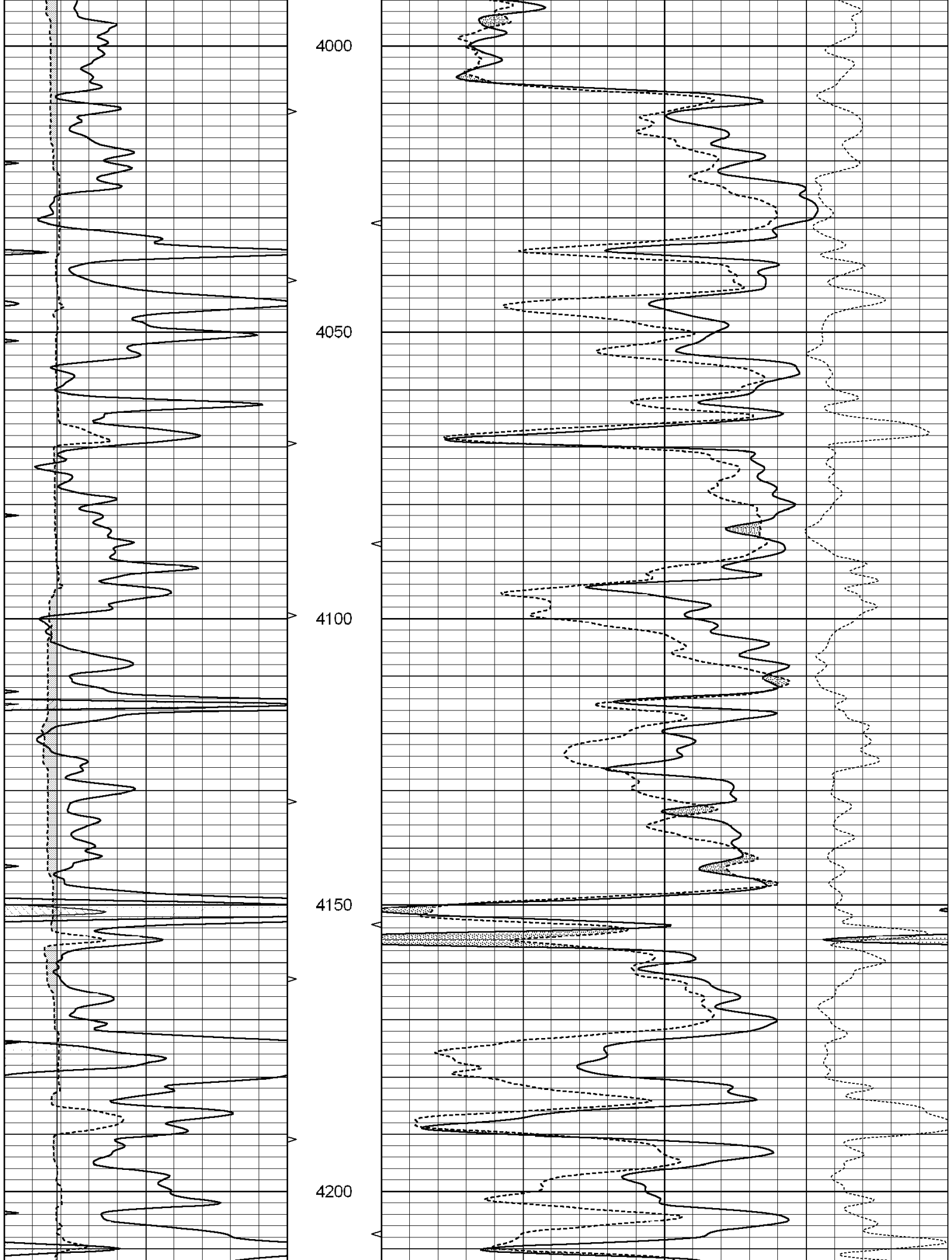
MAIN SECTION

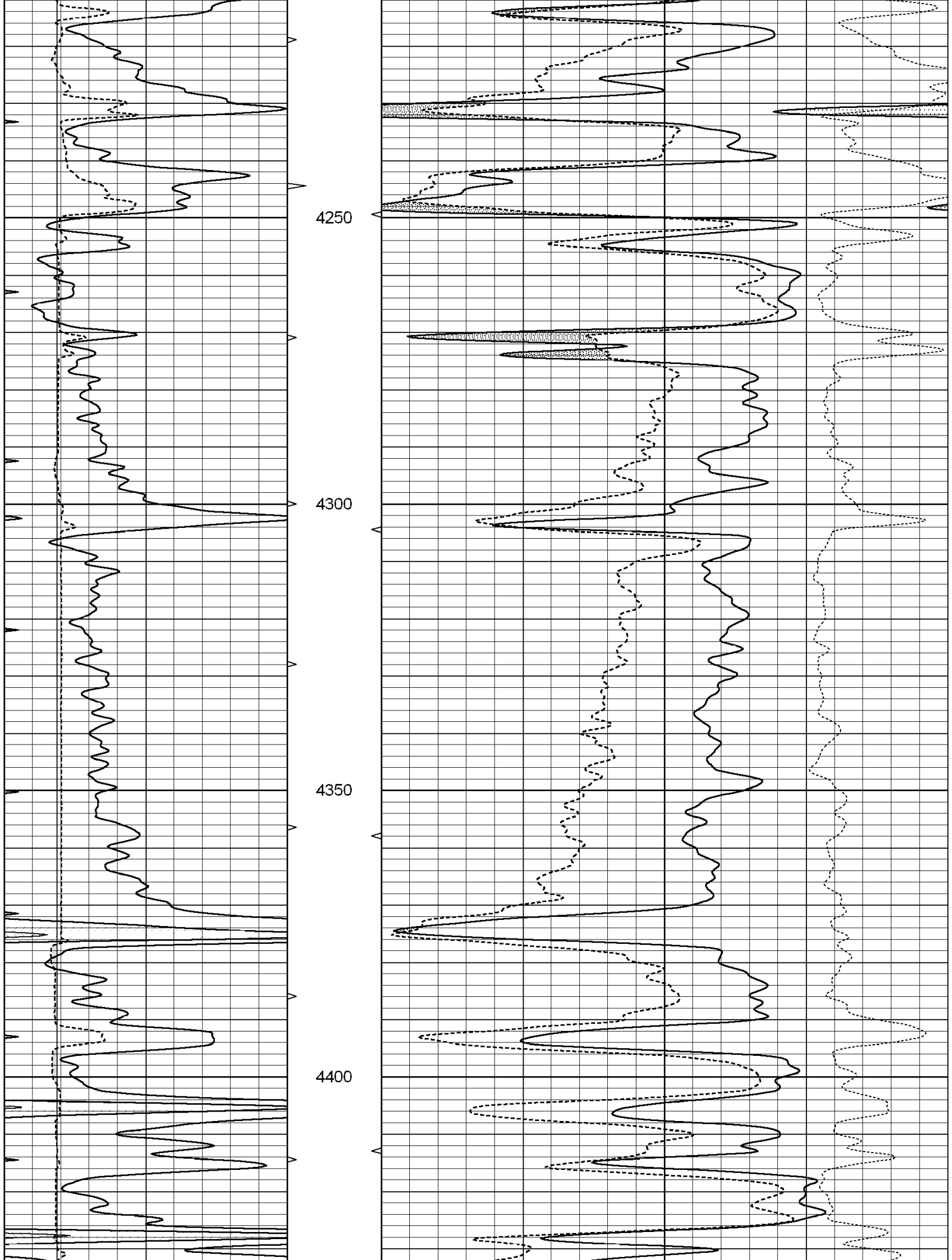
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Dataset Pathname: pass4.2
Presentation Format: den_neu
Dataset Creation: Thu Jan 07 00:19:22 2010 by Calc Open-Cased 060407
Charted by: Depth in Feet scaled 1:240

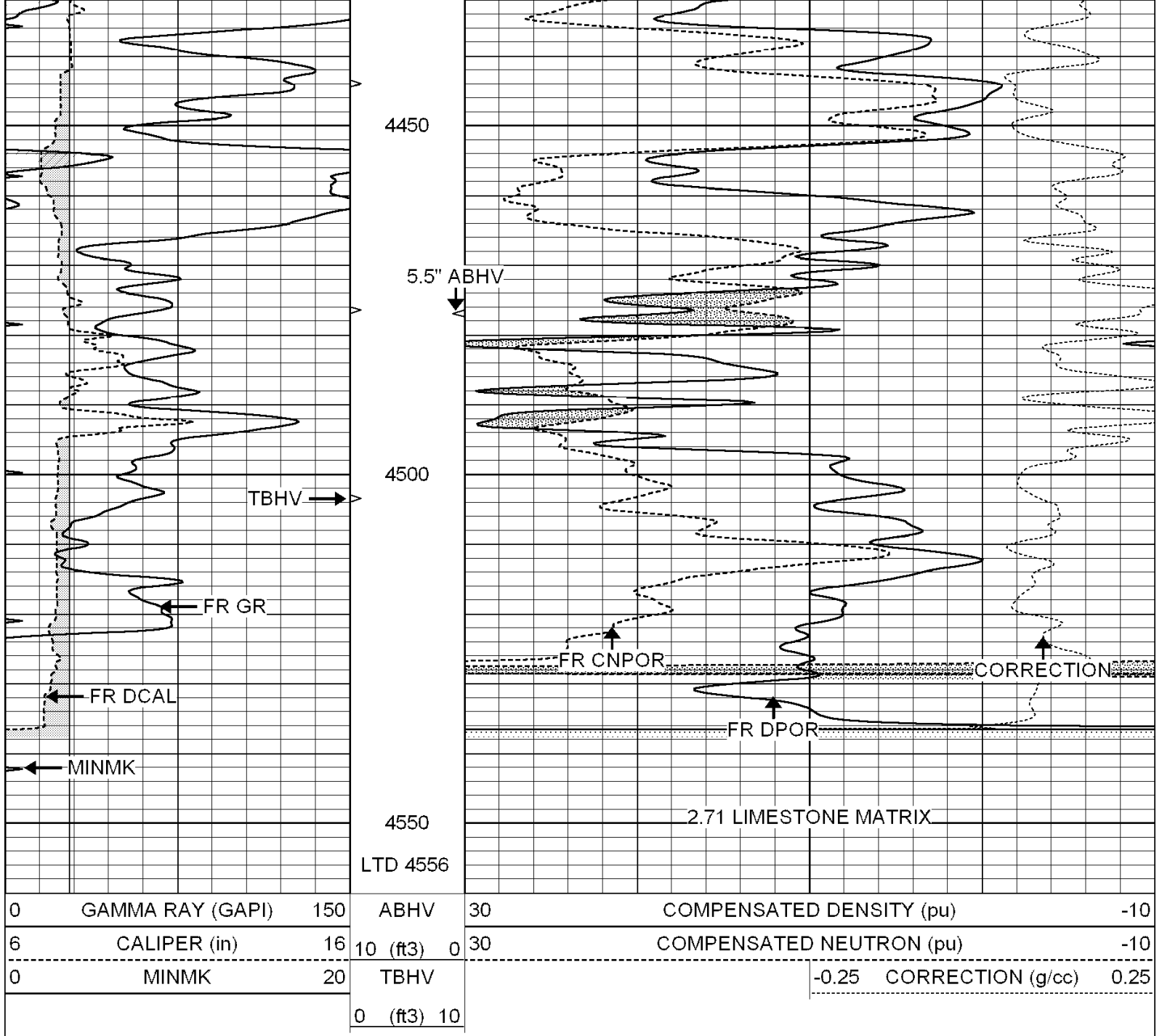
0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)	-10
6	CALIPER (in)	16	10 (ft3) 0	30	COMPENSATED NEUTRON (pu)	-10
0	MINMK	20	TBHV		-0.25 CORRECTION (g/cc)	0.25
			0 (ft3) 10			









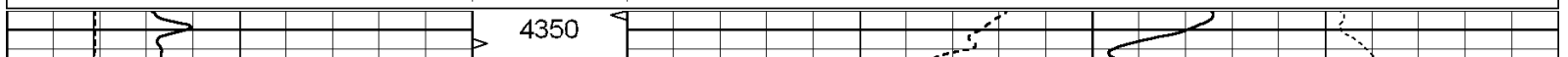


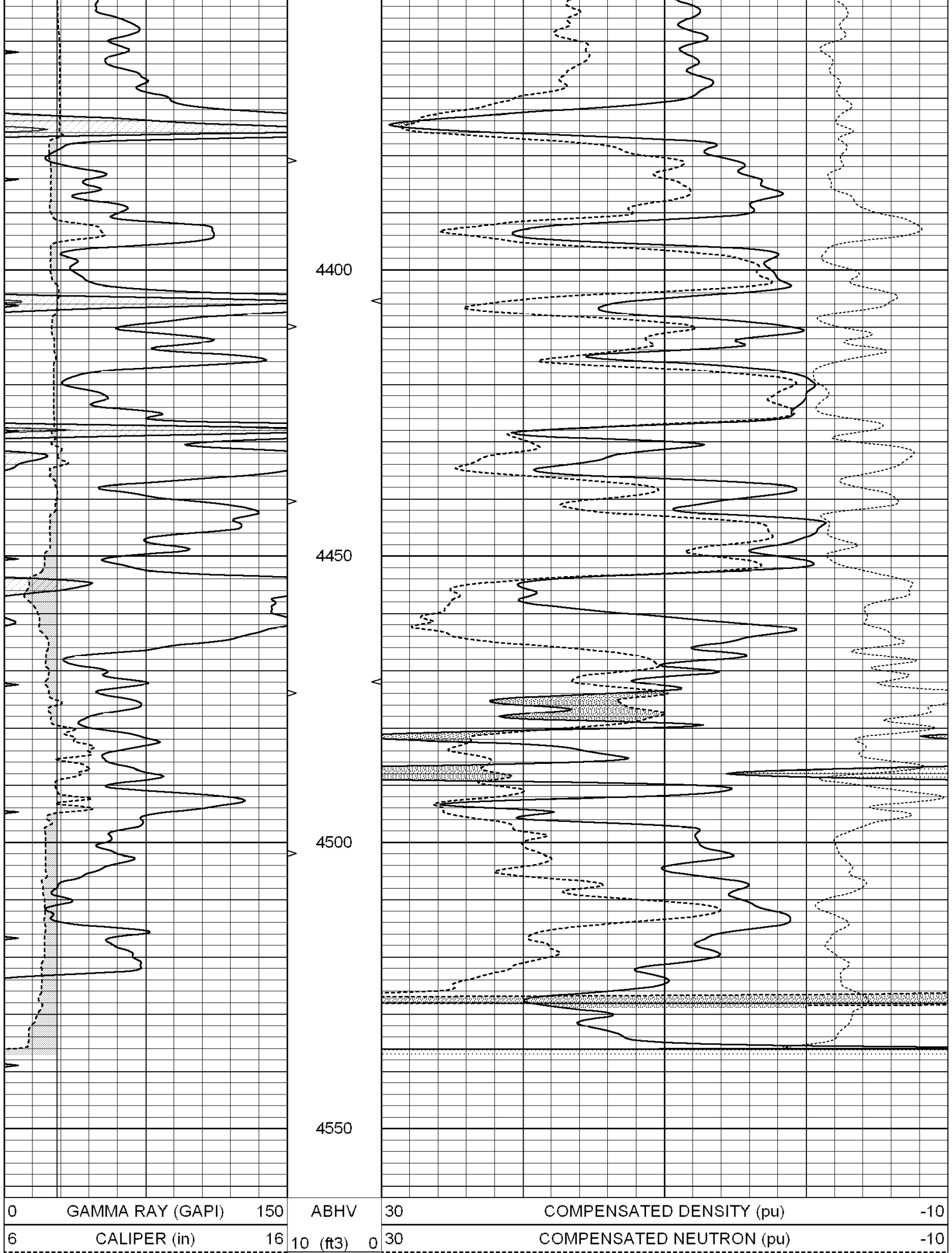
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REPEAT SECTION

Database File: 004701ddn.db
 Dataset Pathname: pass3.7
 Presentation Format: den_neu
 Dataset Creation: Thu Jan 07 00:41:56 2010
 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:		004701ddn.db							
Dataset Pathname:		pass4.2							
Dataset Creation:		Thu Jan 07 00:19:22 2010 by Calc Open-Cased 060407							
Dual Induction Calibration Report									
Serial-Model: Performed:				DIL3-GEAR Wed Jan 06 21:39:15 2010					
ReadingsReferencesResults									
Loop:	Air	Loop		Air	Loop		m	b	
Deep	0.011	0.656	V	0.000	400.000	mmho-m	640.000	0.000	
Medium	0.013	0.740	V	0.000	462.500	mmho-m	700.000	-14.000	
Internal:	Zero	Cal		Zero	Cal		m	b	
Deep	0.002	0.645	V	0.000	400.000	mmho-m	622.059	-1.071	
Medium	0.007	0.740	V	0.000	462.500	mmho-m	631.393	-4.555	
Litho Density Calibration Report									
Serial: 003N Model: PRB									
Performed Tue Sep 08 14:14:44 2009									
Litho Density Calibration									
	Background	Magnesium		Aluminum		Sandstone			
Window 1	2042.6	12312.8		4225.8		13758.4		cps	
Window 2	1855.8	10134.7		3624.2		11113.1		cps	
Window 3	1639.4	6760.2		2716.3		7260.3		cps	
Window 4	466.4	469.2		466.1		476.5		cps	
Long Space	0.0	8278.9		1768.4		9257.4		cps	
Short Space	2.2	2377.3		1544.1		2574.2		cps	
Rho		1.7100		2.5900		1.3800		g/cc	
Pe				2.5700		1.5500			
Rib Angle	: 44.4	Rib Slope	: 0.979	Density/Spine Ratio				: 0.549	
Spine Angle	: 74.4	Spine Slope	: 3.577	Spine Intercept				: -18.8	
Caliper									
Low Ref	Readings	Reference							
High Ref	1.4	6.2							
	3.4	14.0							
	Gain: 3.9			Offset: 0.8					
Compensated Neutron Calibration Report									
Serial Number:				NEU_3I					
Tool Model:				G					
CALIBRATION									
Detector		Readings		Target		Normalization			
Short Space		997.00 cps		1000.00 cps		1.0000			
Long Space		986.00 cps		1000.00 cps		1.0000			
Gamma Ray Calibration Report									

Serial Number:	GR3
Tool Model:	OPEN
Performed:	Wed Jan 06 23:02:01 2010

Calibrator Value:	200.0	GAPI
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Background Reading:	3.0	cps
Calibrator Reading:	186.0	cps

Sensitivity:	0.7000	GAPI/cps
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