



SUPERIOR
Hays,
Kansas

COMPENSATED
DENSITY/NEUTRON
LOG

Company	KANSAS OIL RESOURCES, LLC.		
Well	PFEIFER #1		
Field	I-70		
County	ELLIS		
State	KANSAS		
Company	KANSAS OIL RESOURCES		
Well	PFEIFER #1		
Field	I-70		
County	ELLIS		
State	KANSAS		
Location:	API # : 15-051-26112-0000		Other Services DIL/MEL
	1153' FNL & 370' FWL SE - SW - NW - NW		
Permanent Datum	GROUND LEVEL		Elevation K.B. 2087 D.F. 2085 G.L. 2077
Log Measured From	KELLY BUSHING 10' A.G.L.		
Drilling Measured From	KELLY BUSHING		
Date	3/17/11		
Run Number	ONE		
Depth Driller	3800		
Depth Logger	3801		
Bottom Logged Interval	3777		
Top Log Interval	3000		
Casing Driller	8 5/8" @ 223		
Casing Logger	224		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 6100 PPM	
Density / Viscosity	9.3/48		
pH / Fluid Loss	10.5/8.0		
Source of Sample	FLOWLINE		
Rin @ Meas. Temp	.60 @ 80F		
Rinf @ Meas. Temp	.45 @ 80F		
Rmc @ Meas. Temp	.72 @ 80F		
Source of Rinf / Rmc	MEASURED		
Rin @ BHT	.42 @ 113F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	113F		
Equipment Number	680		
Location	HAYS, KS.		
Recorded By	JASON CAPPELLUCCI		
Witnessed By	DALE CHRYSLER		

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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
I-70 & YOCEMENTO - 1/2 N. - 1 E. - 1/4 S. - E. INTO

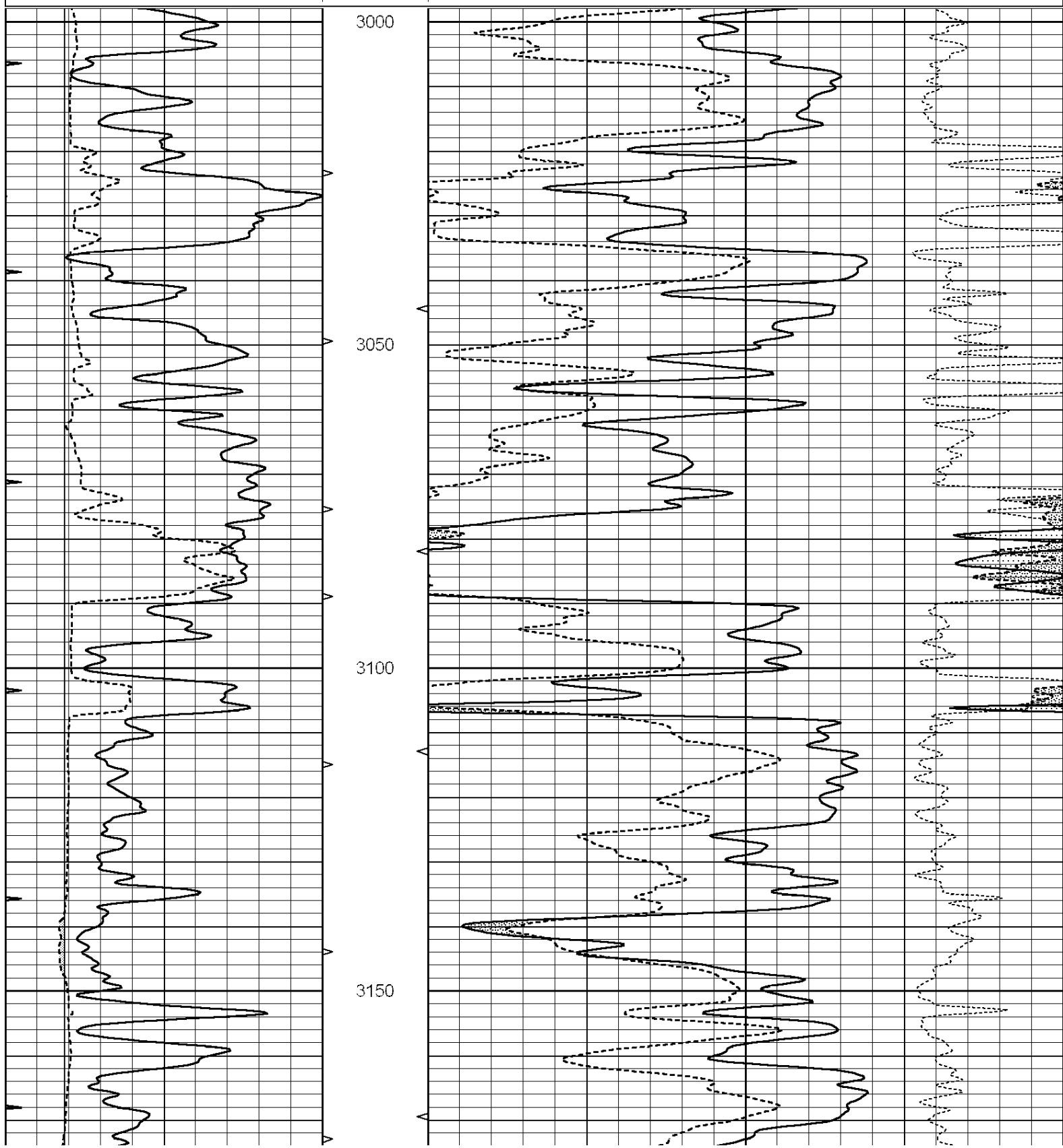


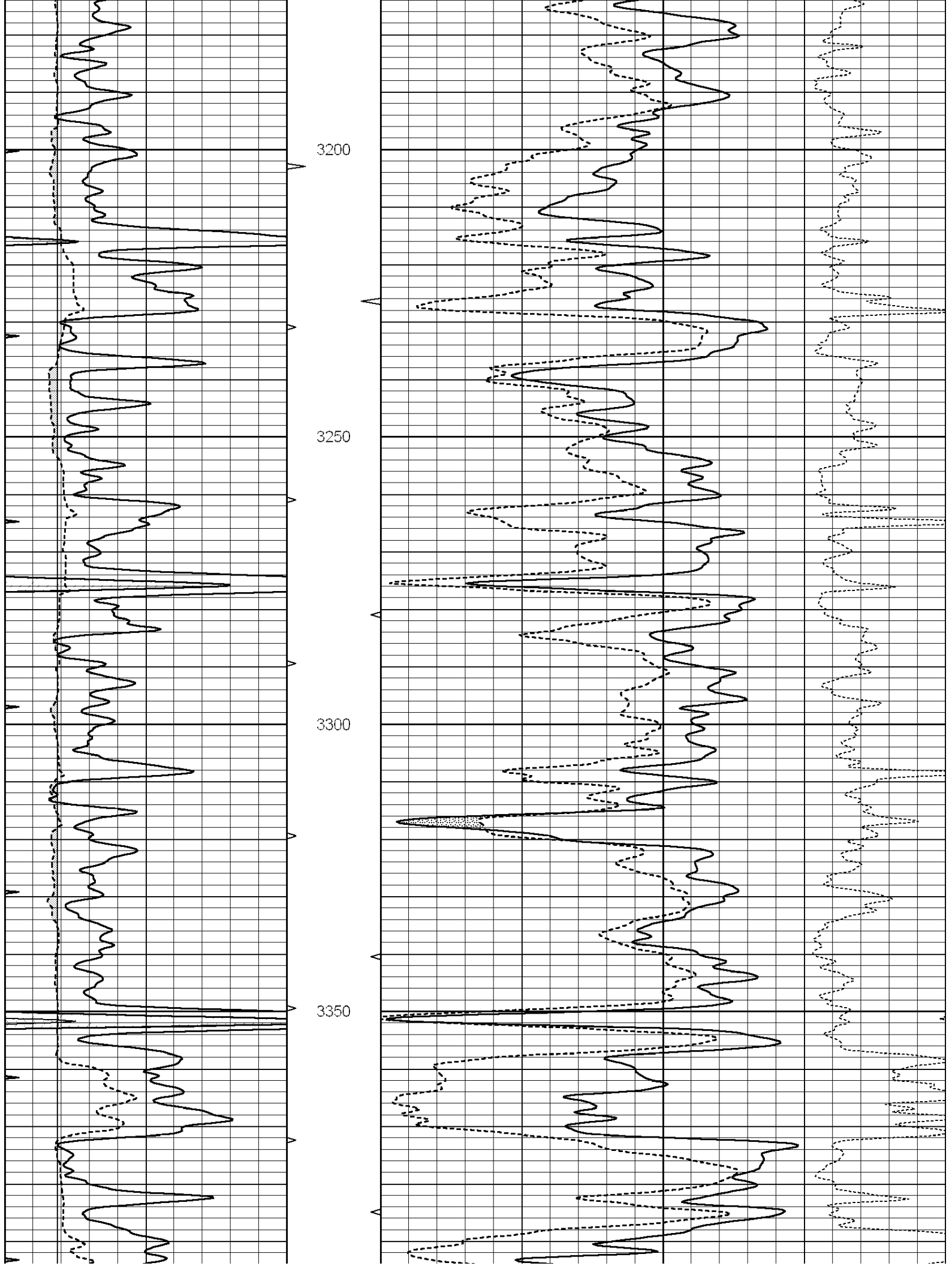
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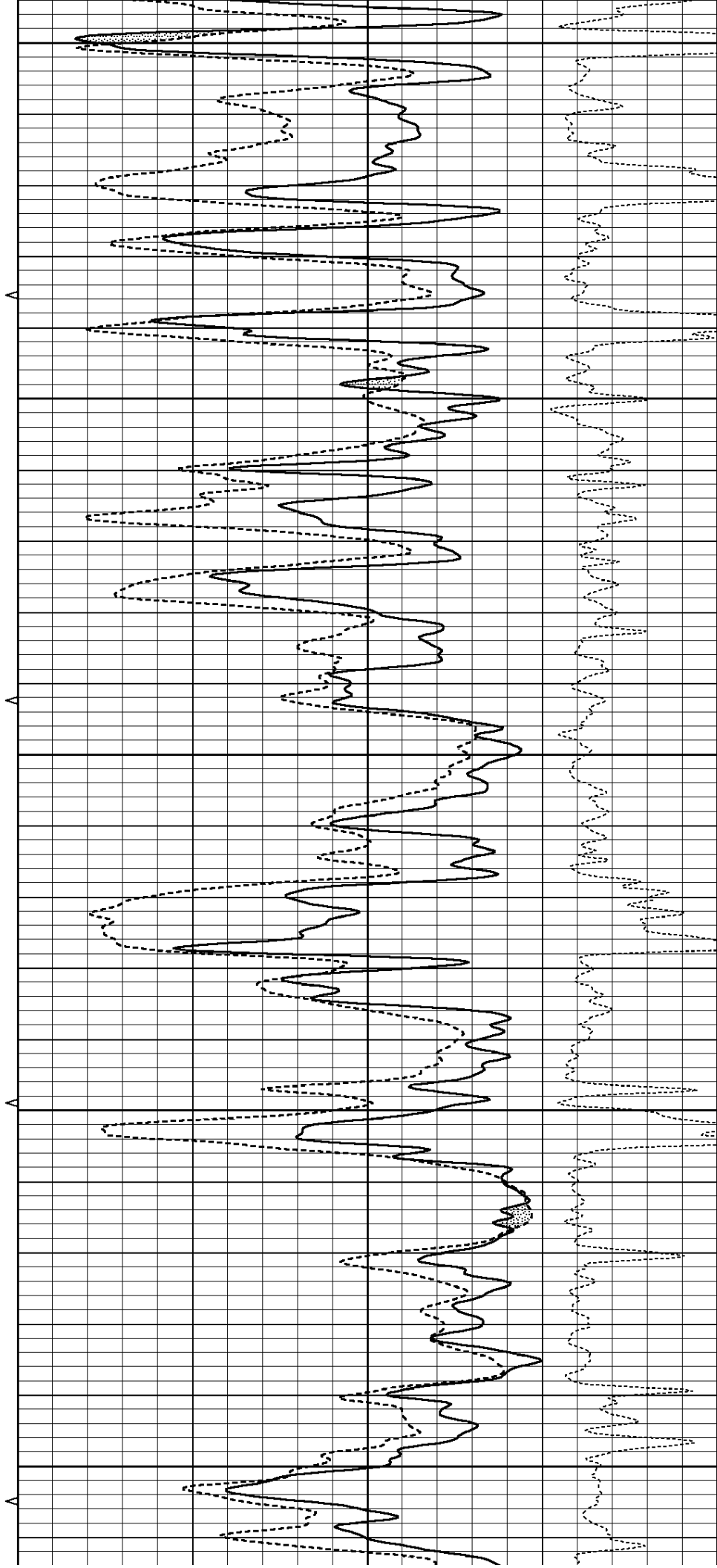
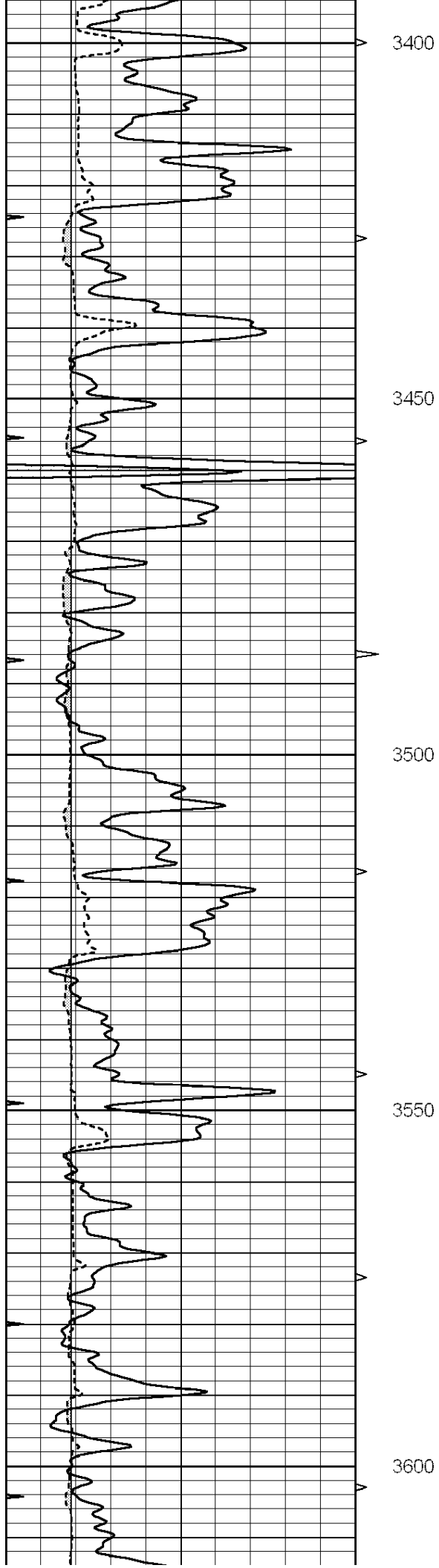
MAIN SECTION

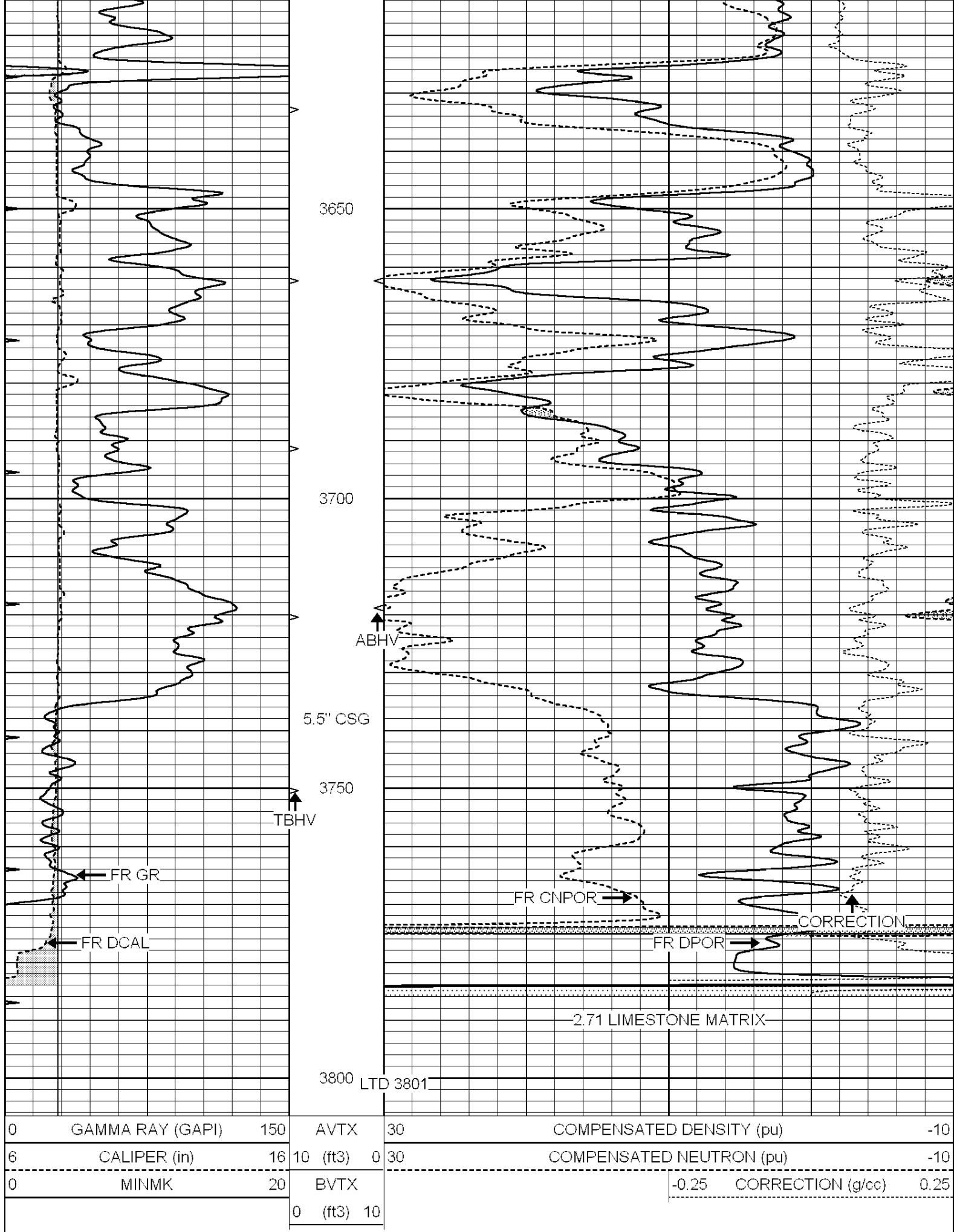
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 Dataset Pathname: pass3.12
 Presentation Format: _den_neu
 Dataset Creation: Fri Mar 18 00:13:04 2011 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

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











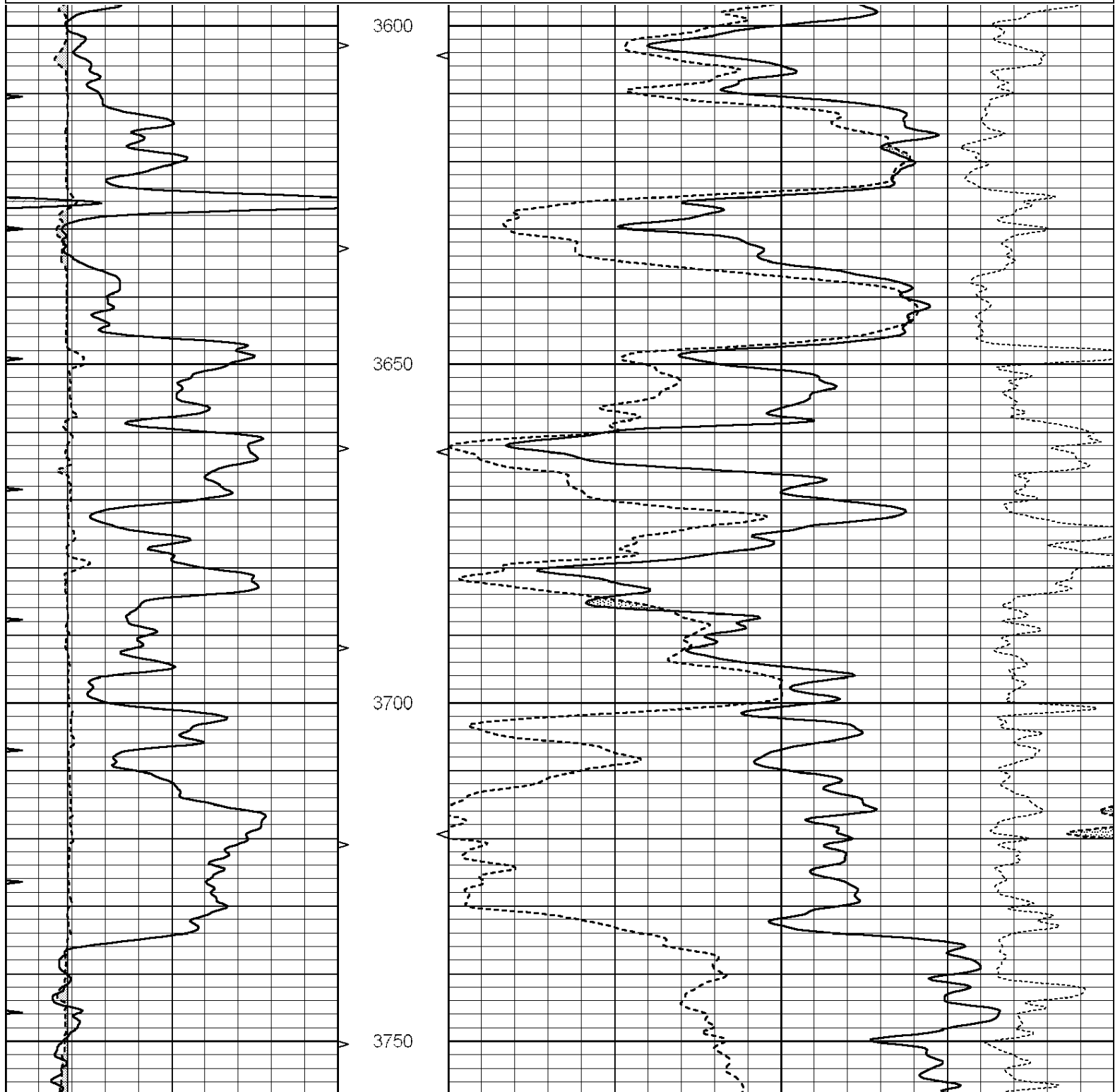
SUPERIOR

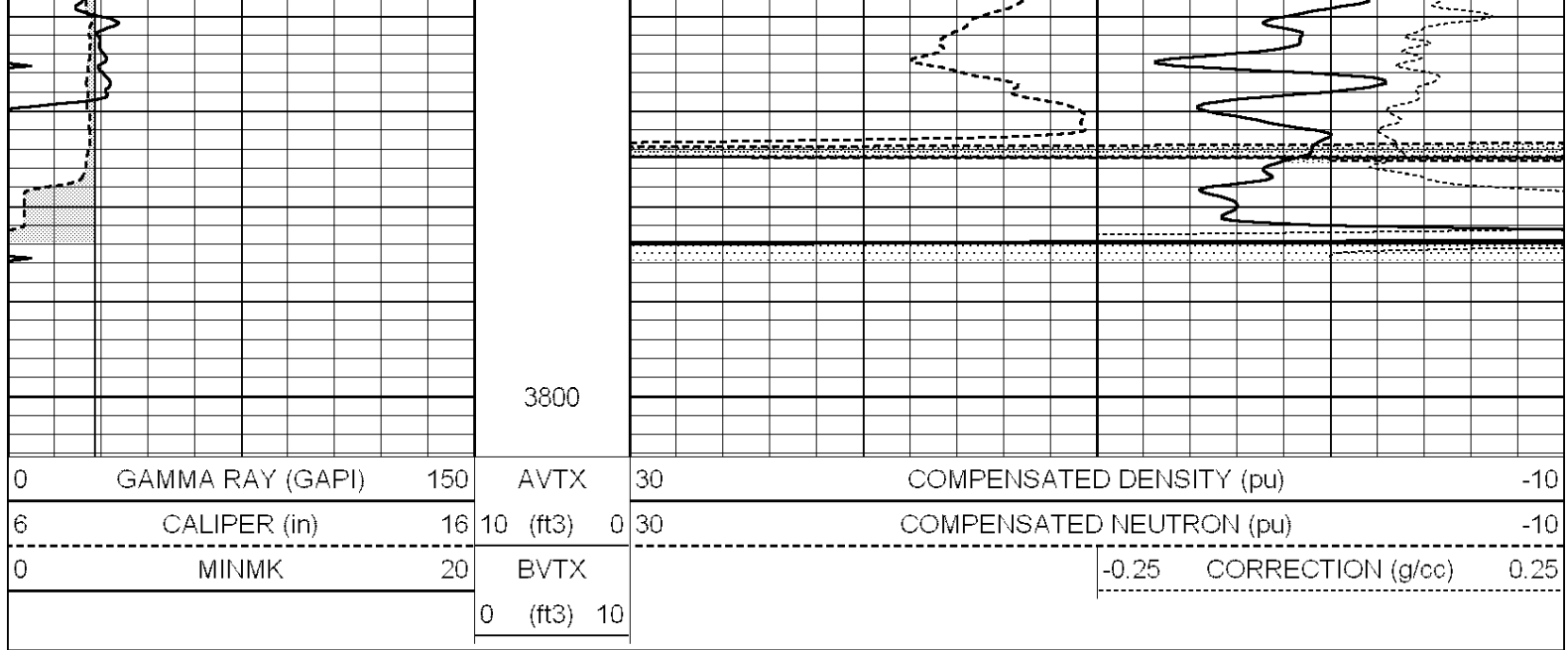
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Kansas

REPEAT SECTION

Database File: 006791ddn.db
Dataset Pathname: pass2.1
Presentation Format: _den_neu
Dataset Creation: Fri Mar 18 01:12:26 2011 by Calc Open-Cased 090629
Charted by: Depth in Feet scaled 1:240

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





Calibration Report

Database File: 006791ddn.db
 Dataset Pathname: pass2.1
 Dataset Creation: Fri Mar 18 01:12:26 2011 by Calc Open-Cased 090629

Dual Induction Calibration Report

Serial-Model: DIL4-GEAR
 Performed: Tue Mar 01 11:19:26 2011

Readings				References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.008	0.666	V	0.000	400.000	mmho/m	470.000	-6.000
Medium	-0.003	0.769	V	0.000	462.500	mmho/m	460.000	-3.000
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.013	0.651	V	0.000	400.000	mmho/m	627.541	-8.365
Medium	0.020	0.754	V	0.000	462.500	mmho/m	630.311	-12.549

Compensated Density Calibration Report

Serial-Model: GEAR4-GEARHART
 Source / Verifier: 143 / 143
 Master Calibration Performed: Wed Jan 26 17:58:17 2011

Master Calibration

	Density		Far Detector		Near Detector	
Magnesium	1.710	g/cc	1015.91		497.51	cps
Aluminum	2.580	g/cc	227.67		350.20	cps
Spine Angle = 76.79			Density/Spine Ratio = 0.566			
	Size		Reading			
Small Ring	8.00	in	2.50	V		
Large Ring	14.00	in	4.70	V		

Compensated Neutron Calibration Report

Serial Number: 61
 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:		Fri Feb 18 03:07:29 2011				
Calibrator Value:		150.0	GAPI			
Background Reading:		0.0	cps			
Calibrator Reading:		175.0	cps			
Sensitivity:		0.8971	GAPI/cps			