



SUPERIOR
Hays,
Kansas

COMPENSATED
DENSITY / NEUTRON
LOG

Company	BLUERIDGE PETROLEUM CORP.	Company	BLUERIDGE PETROLEUM CORPORATION
Well	SOEKEN #12	Well	SOEKEN #12
Field	KRAFT - PRUSA	Field	KRAFT - PRUSA
County	BARTON	County	BARTON
State	KANSAS	State	KANSAS
Location:	AP1 # : 15-009-25730-0000	Other Services	DIL/MEL SONIC
Permanent Datum	GROUND LEVEL	Elevation	1841
Log Measured From	KELLY BUSHING 5' A.G.L.	Elevation	K.B. 1846 D.F. 1844 G.L. 1841
Drilling Measured From	KELLY BUSHING		
SEC 22 TWP 17S RGE 11W			
2230' FNL & 340' FWL			
NE - SW - SW - NW			
8/21/12	ONE		
3365			
3364			
3340			
2700			
8 5/8" @ 709'			
706			
7 7/8"			
CHEMICAL MUD	CHLORIDES 6,400 PPM		
9.4/52			
10.5/10.0			
FLOWLINE			
.950 @ 92F			
.713 @ 92F			
1.14 @ 92F			
MEASUREMENT			
.795 @ 110F			
2 HOURS			
1:00 P.M.			
110F			
4010			
HAYS, KANSAS			
JEFF LUEBBERS			
JON ALLEN			
RICK POPP			

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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
CLAFLIN, KS. 2 1/2N. ON BLKTOP, E. INTO

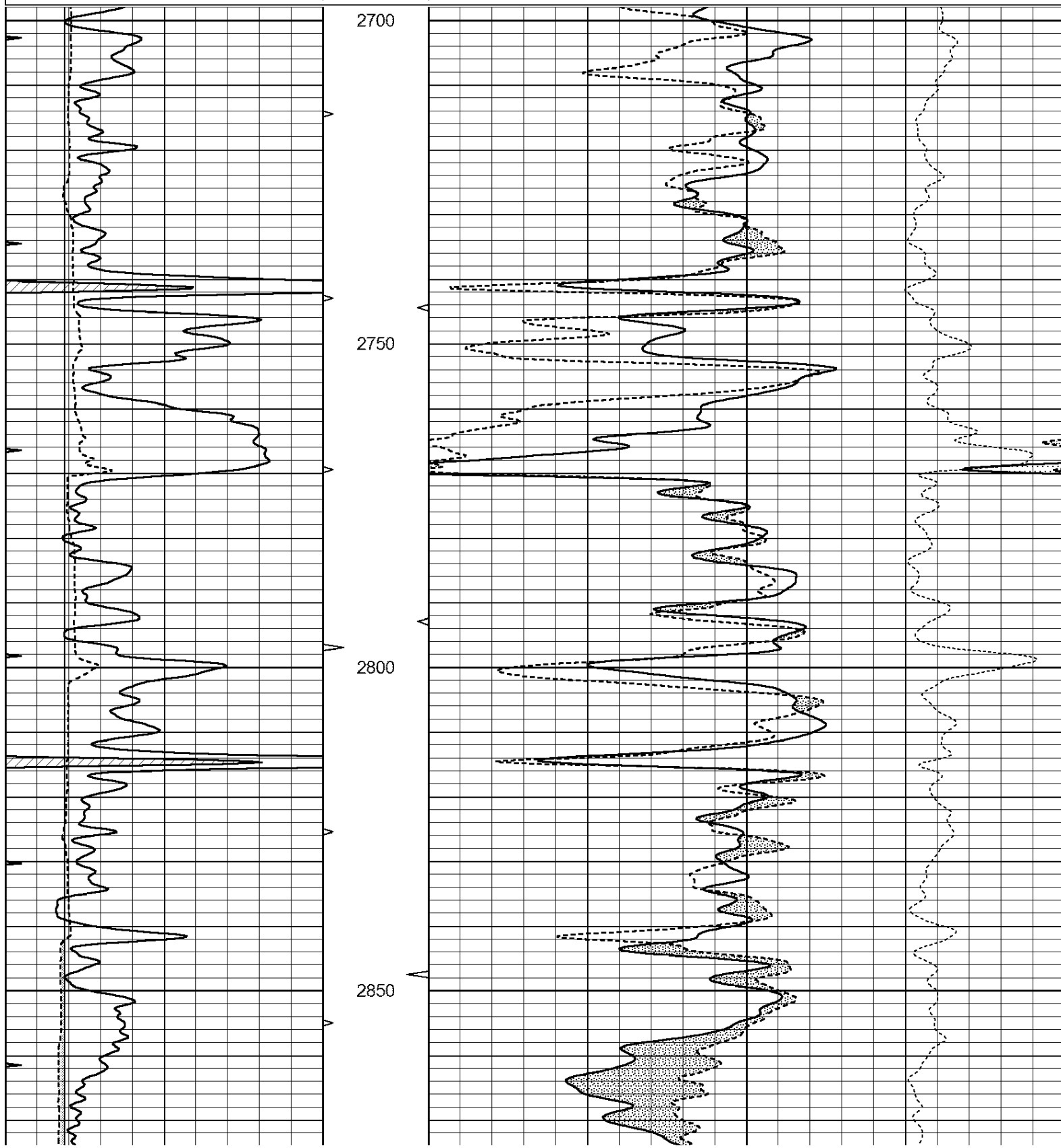


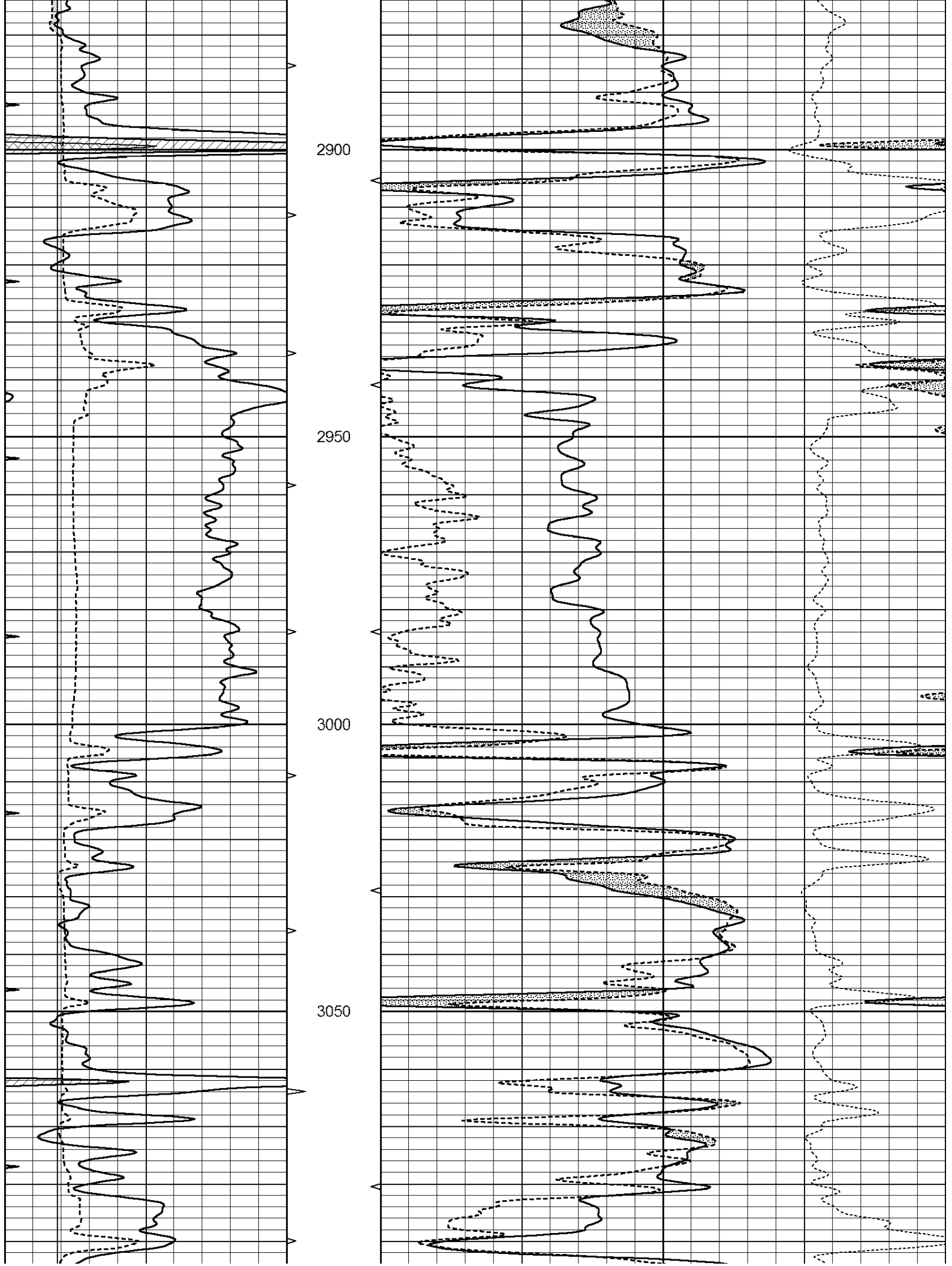
SUPERIOR
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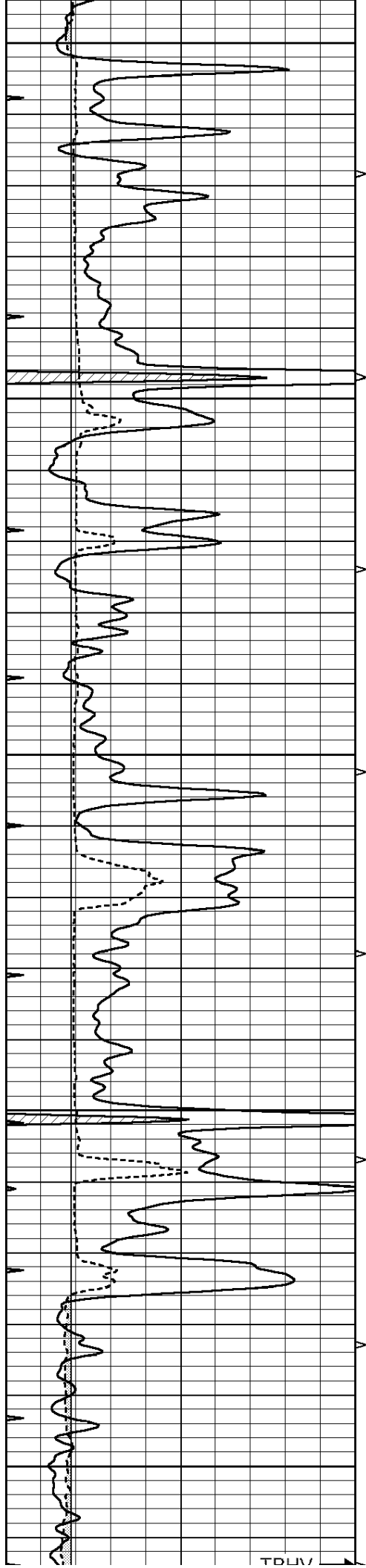
MAIN SECTION

Database File: 409506ddn.db
Dataset Pathname: pass3.3
Presentation Format: den_neu
Dataset Creation: Tue Aug 21 14:12:19 2012 by Calc Open-Cased 110302
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		







3100

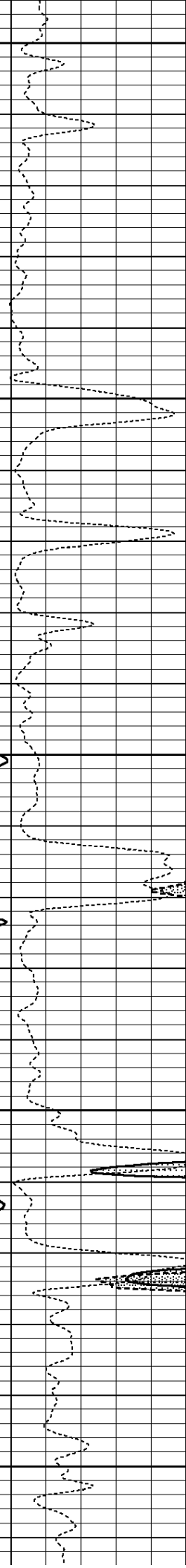
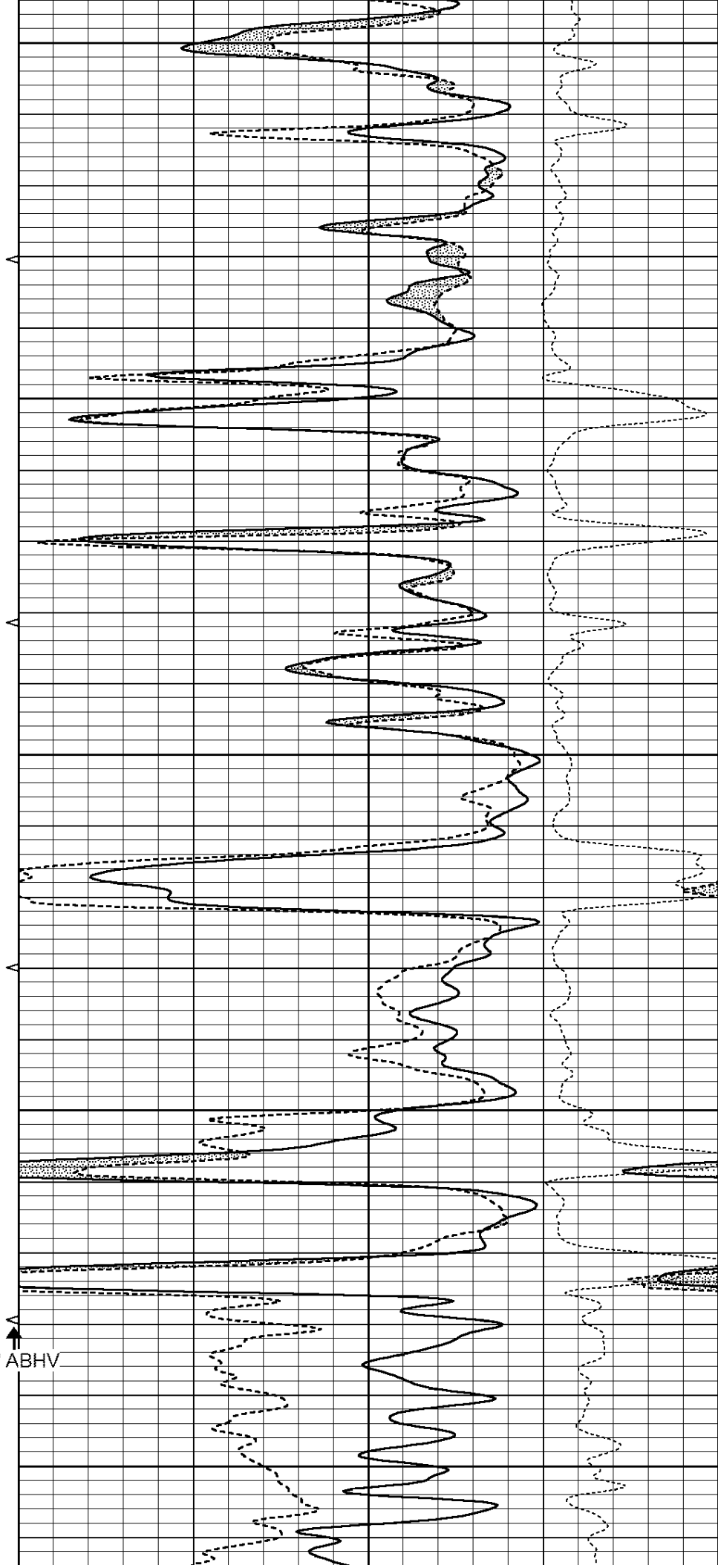
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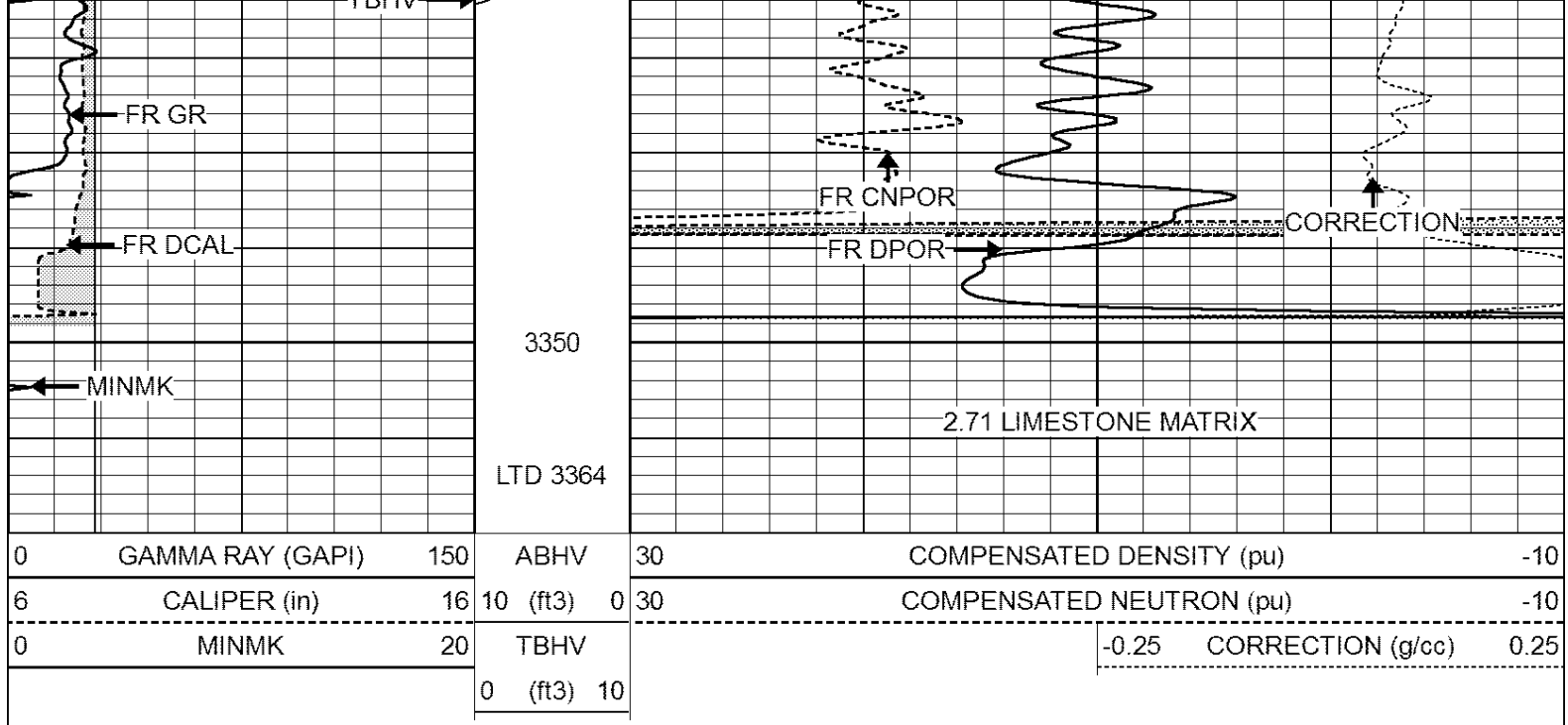
3200

3250

3300

5.5" ABHV

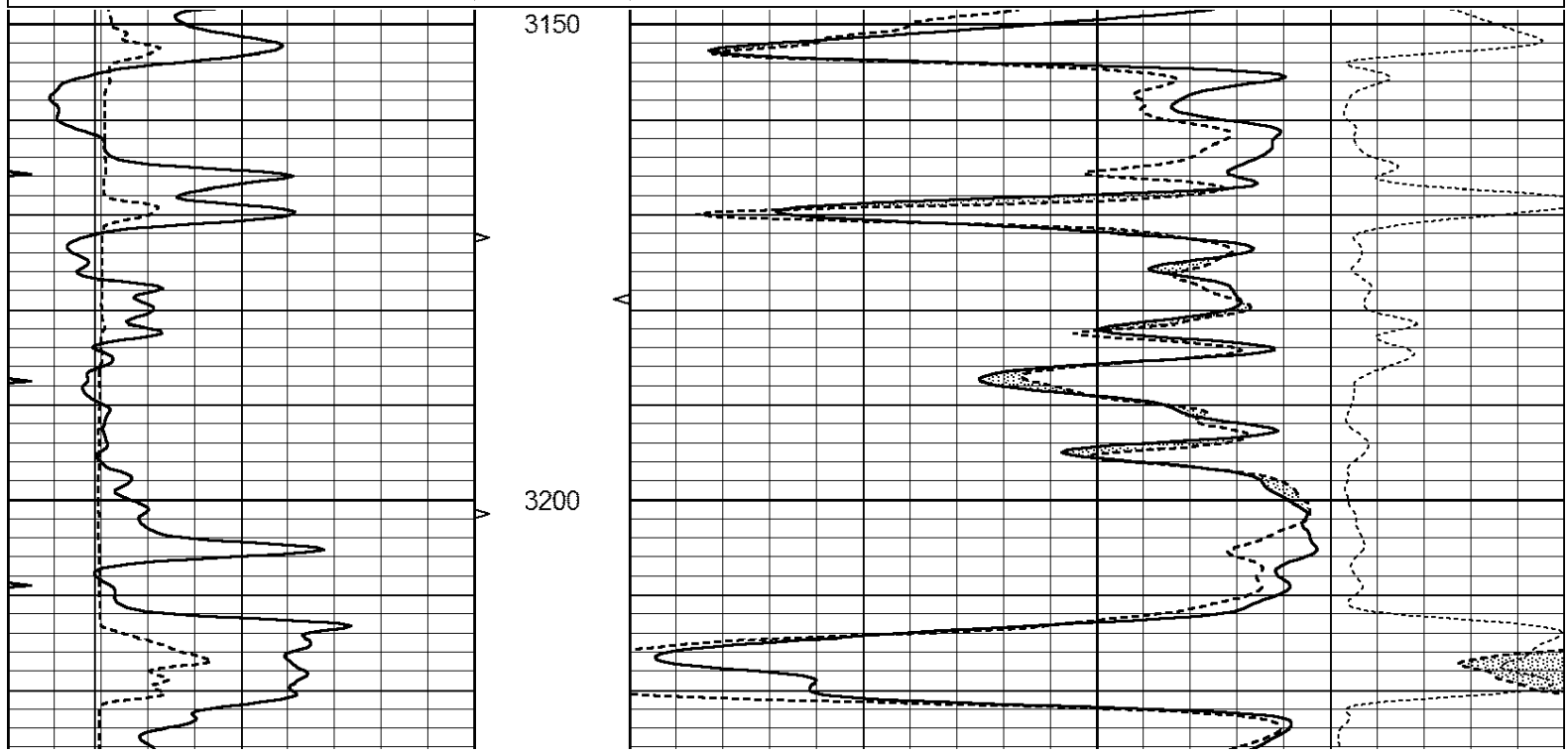
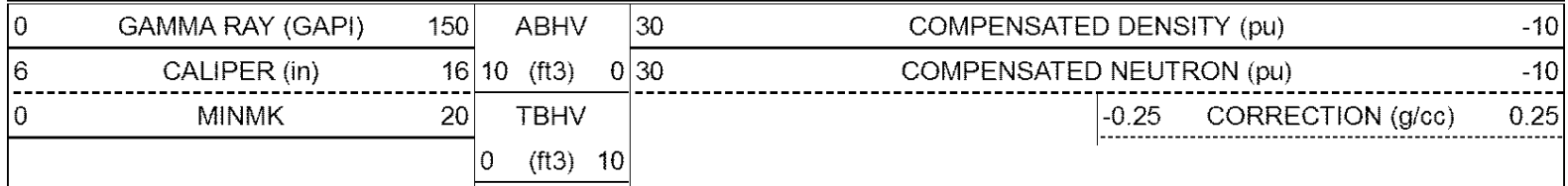


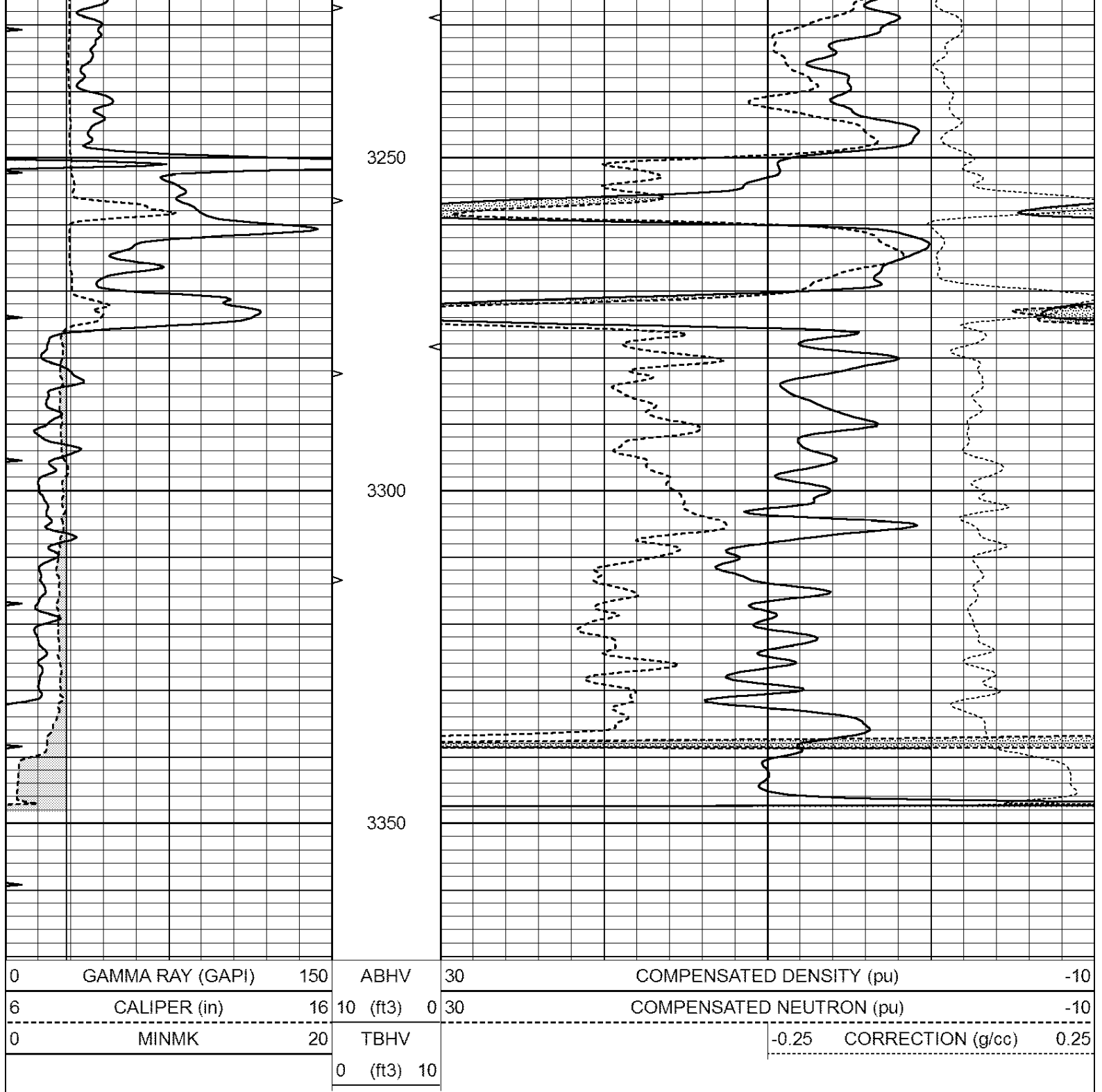


SUPERIOR
WELL SERVICES
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REPEAT SECTION

Database File: 409506ddn.db
 Dataset Pathname: pass2.4
 Presentation Format: den_neu
 Dataset Creation: Tue Aug 21 13:16:56 2012 by Calc Open-Cased 110302
 Charted by: Depth in Feet scaled 1:240



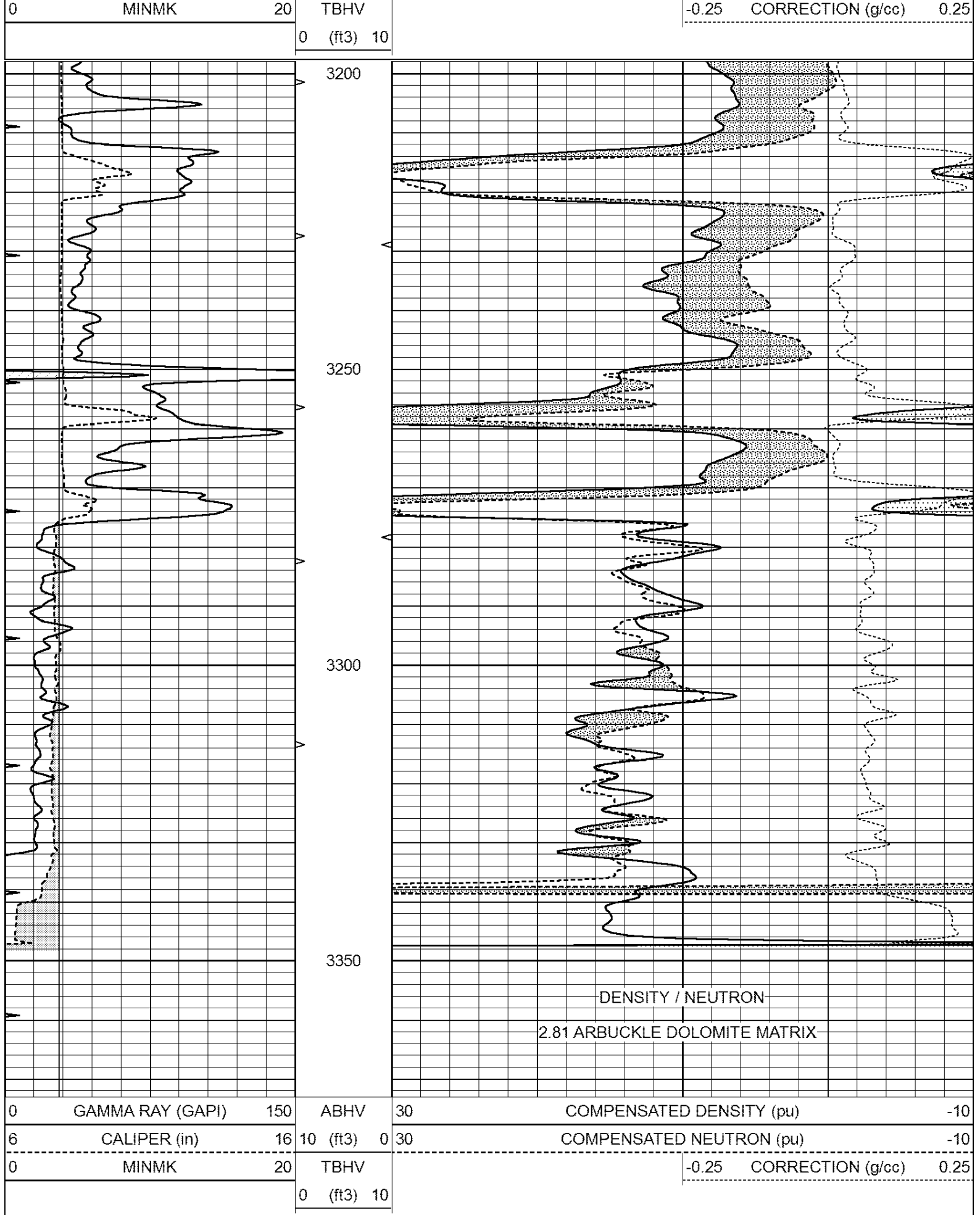


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DOLOMITE MATRIX

Database File: 409506ddn.db
Dataset Pathname: pass2.6
Presentation Format: den_neu
Dataset Creation: Tue Aug 21 13:19:47 2012
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



Dataset Pathname: pass3.3
Dataset Creation: Tue Aug 21 14:12:19 2012 by Calc Open-Cased 110302

Dual Induction Calibration Report								
Serial-Model: Performed:			DIL4-GEAR Tue Aug 21 12:27:33 2012					
Readings			References			Results		
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.008	0.666	V	0.000	400.000	mmho/m	570.000	-2.000
Medium	-0.003	0.769	V	0.000	462.500	mmho/m	560.000	-3.500
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

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	Readings	Reference	
Low Ref	3.4	7.8	
High Ref	5.5	15.0	
	Gain: 3.4		Offset: -3.8

Compensated Neutron Calibration Report			
Serial Number:		070808	
Tool Model:		Probe	
PRE-SURVEY VERIFICATION			
Detector	Readings	Measured	Target
Short Space	cps		
Long Space	cps	pu	pu
POST-SURVEY VERIFICATION			
Detector	Readings	Measured	Target
Short Space	cps		
Long Space	cps	pu	pu

Gamma Ray Calibration Report	
Serial Number:	070559
Tool Model:	OPEN GR

Test Measr:

07_27_12
Performed: Thu Jul 26 17:34:29 2012

Calibrator Value:

1.0

GAPI

Background Reading:

0.0

cps

Calibrator Reading:

1.0

cps

Sensitivity:

0.3000

GAPI/cps