



**SUPERIOR
Hays,
Kansas**

COMPENSATED DENSITY / NEUTRON LOG

Company	SHELBY RESOURCES, LLC.	Company	SHELBY RESOURCES, LLC
Well	CLARK #4-24	Well	CLARK #4-24
Field	SANFORD	Field	SANFORD
County	BARTON	County	BARTON
State	KANSAS	State	KANSAS
Location:	API # : 15-009-25486-0000 1836' FSL & 330' FWL	Other Services DIL MEL/SON	
Permanent Datum	GROUND LEVEL	Elevation	1916
Log Measured From	KELLY BUSHING 11' A.G.L.	K.B. 1927 D.F. 1925 G.L. 1916	
Drilling Measured From	KELLY BUSHING		
Date	11-19-10		
Run Number	ONE		
Depth Driller	3500		
Depth Logger	3500		
Bottom Logged Interval	3476		
Top Log Interval	2800		
Casing Driller	905'		
Casing Logger	897'		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.2 / 56	CHLORIDES 8,100 PPM	
pH / Fluid Loss	8.0 / 11.2		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	0.55 @ 70F		
Rmf @ Meas. Temp	0.41 @ 70F		
Rmc @ Meas. Temp	0.66 @ 70F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	0.34 @ 112F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	112F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	JEFF GRONEWEG		
Witnessed By	CHARLIE STURDAVANT		

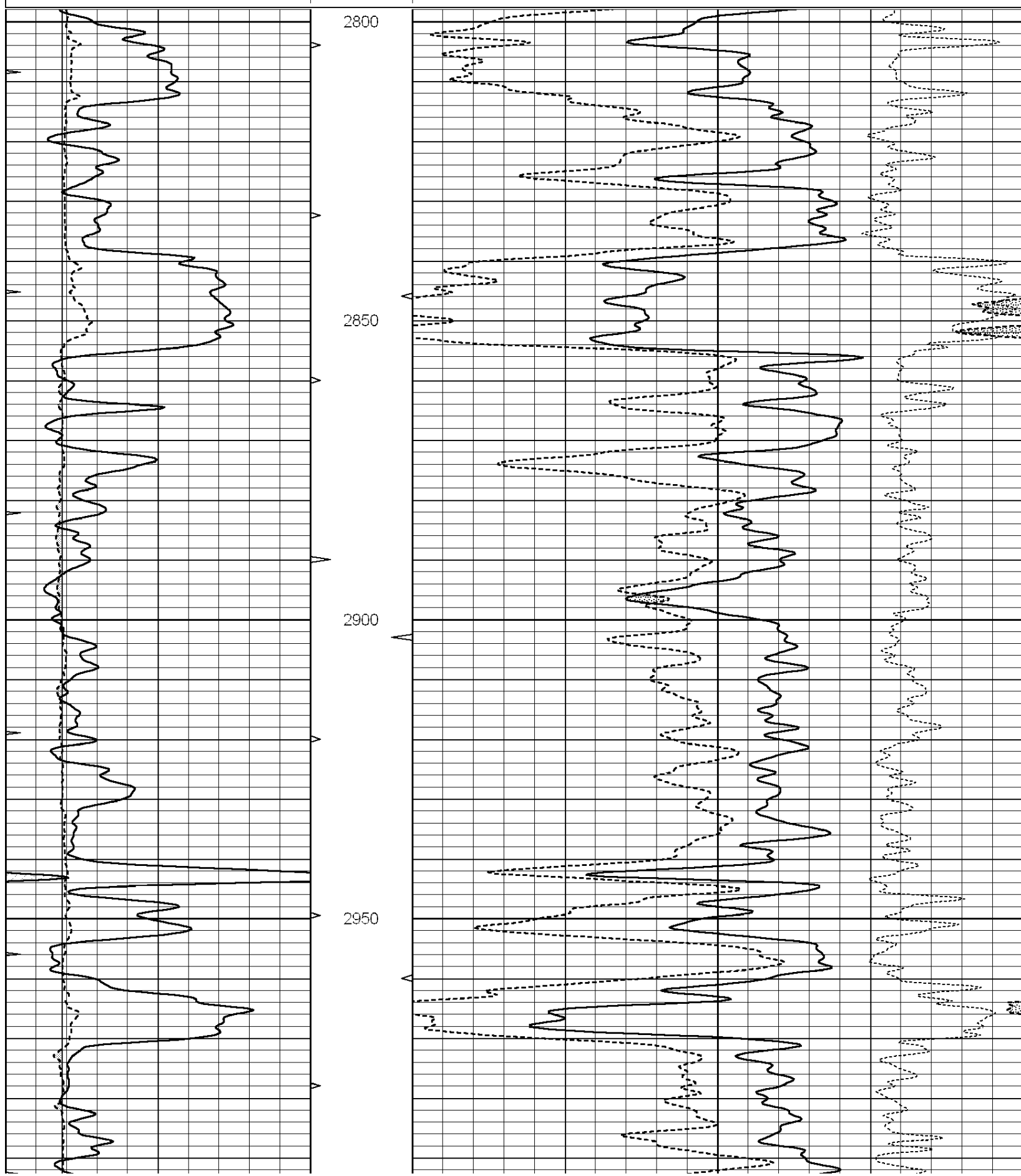
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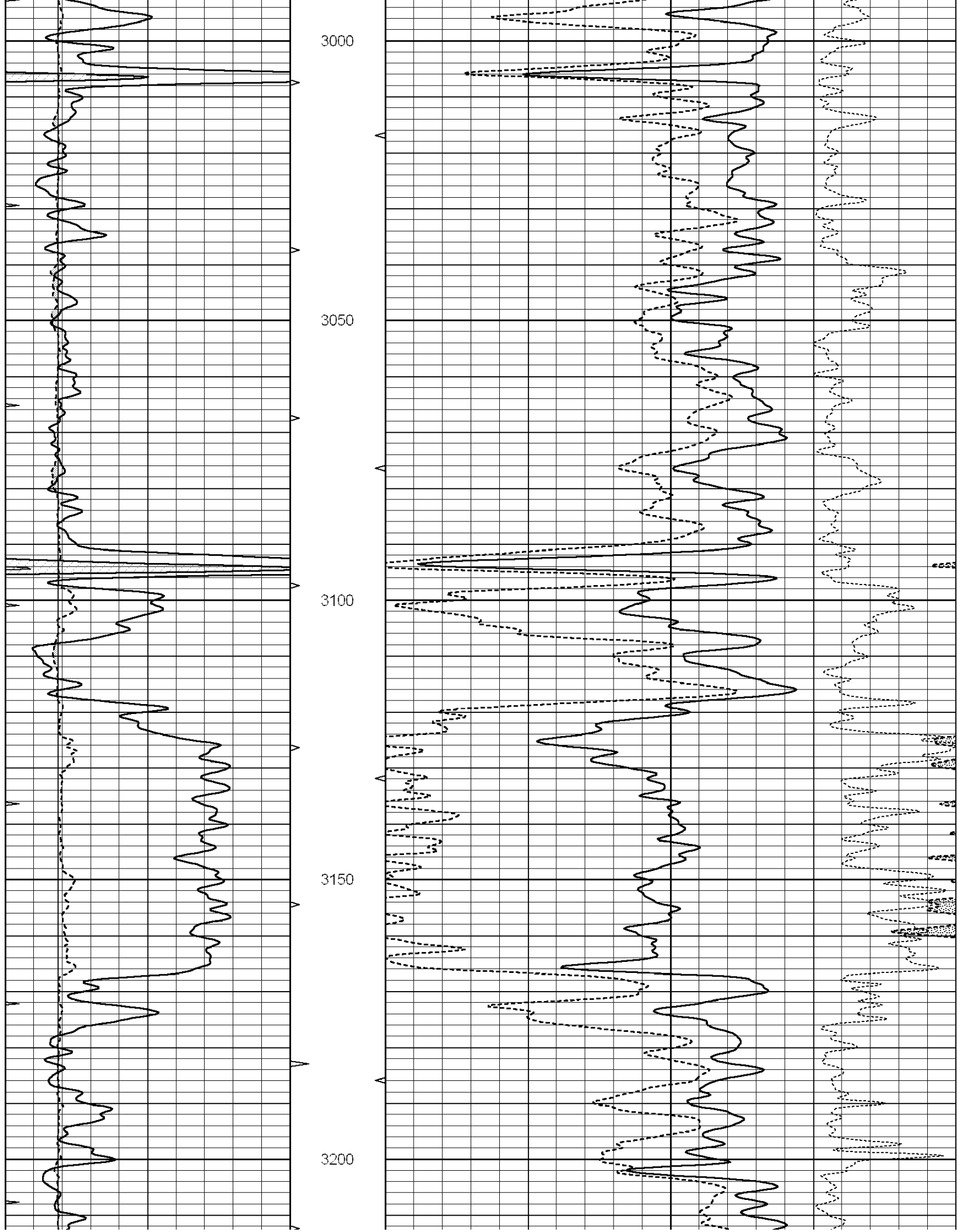
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

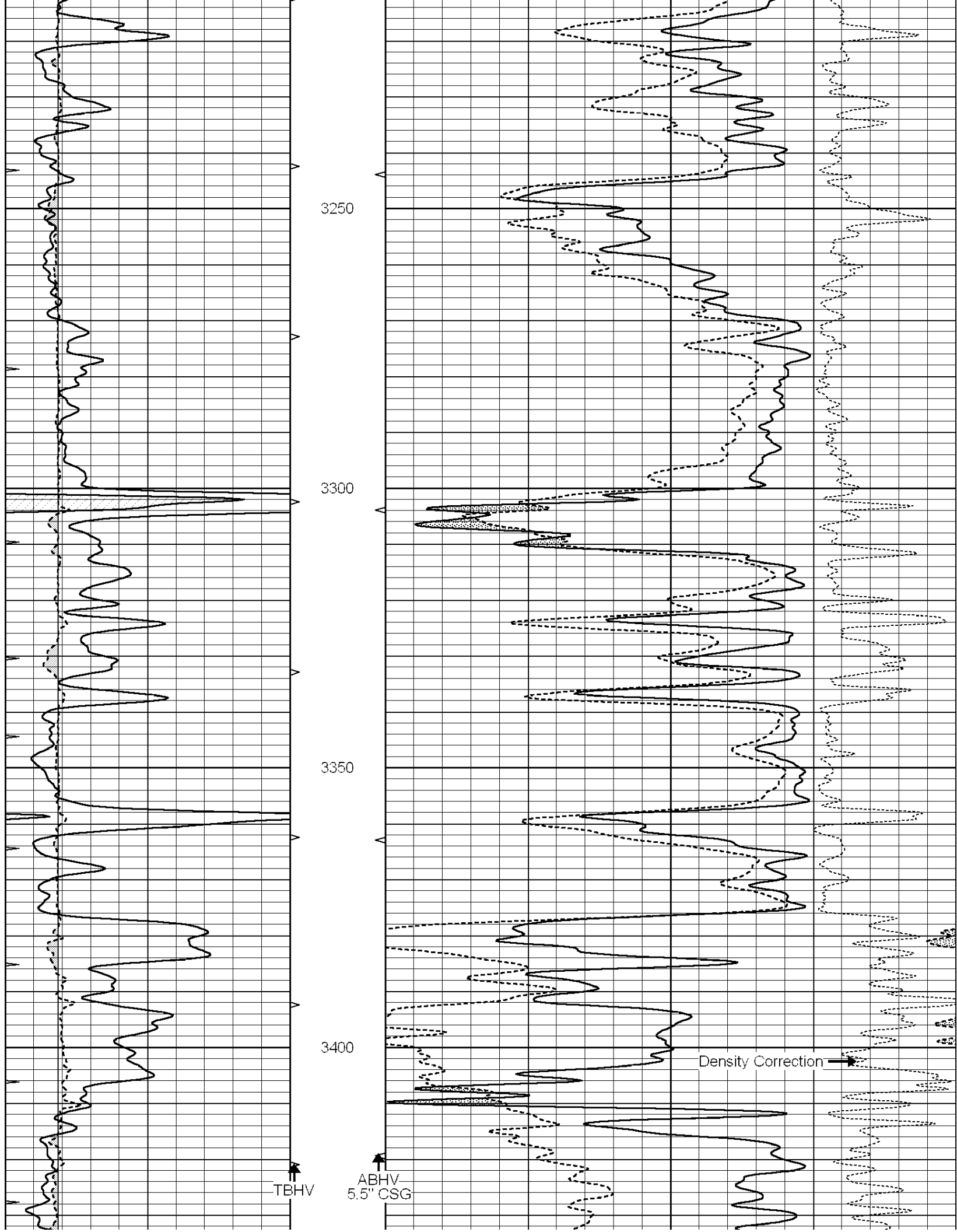
Comments

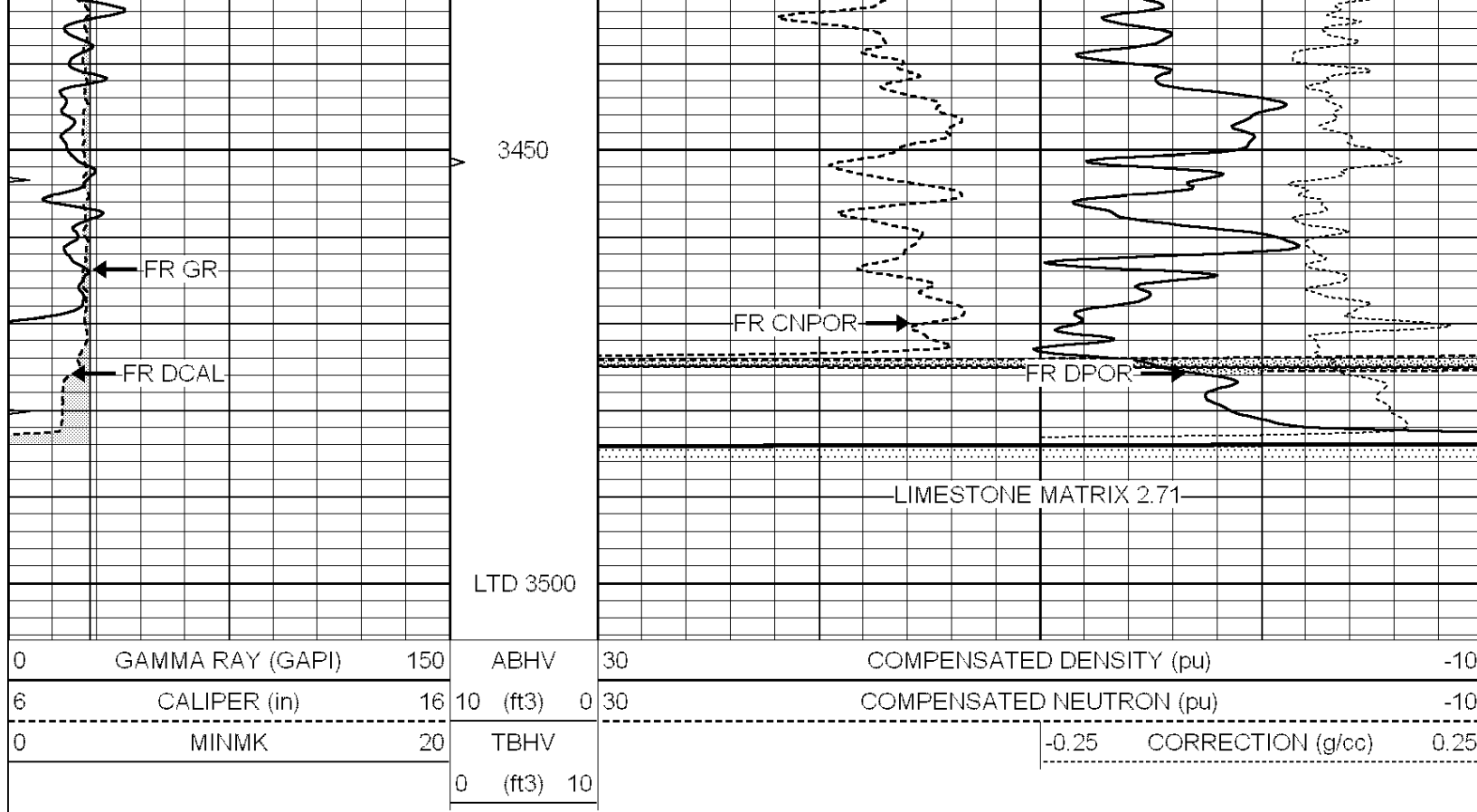
SUPERIOR WELL SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: INTERSECTION OF HWYS 4 & 281 - 1 MILE NORTH - 1 MILE EAST
1/2 MILE NORTH - EAST INTO

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		







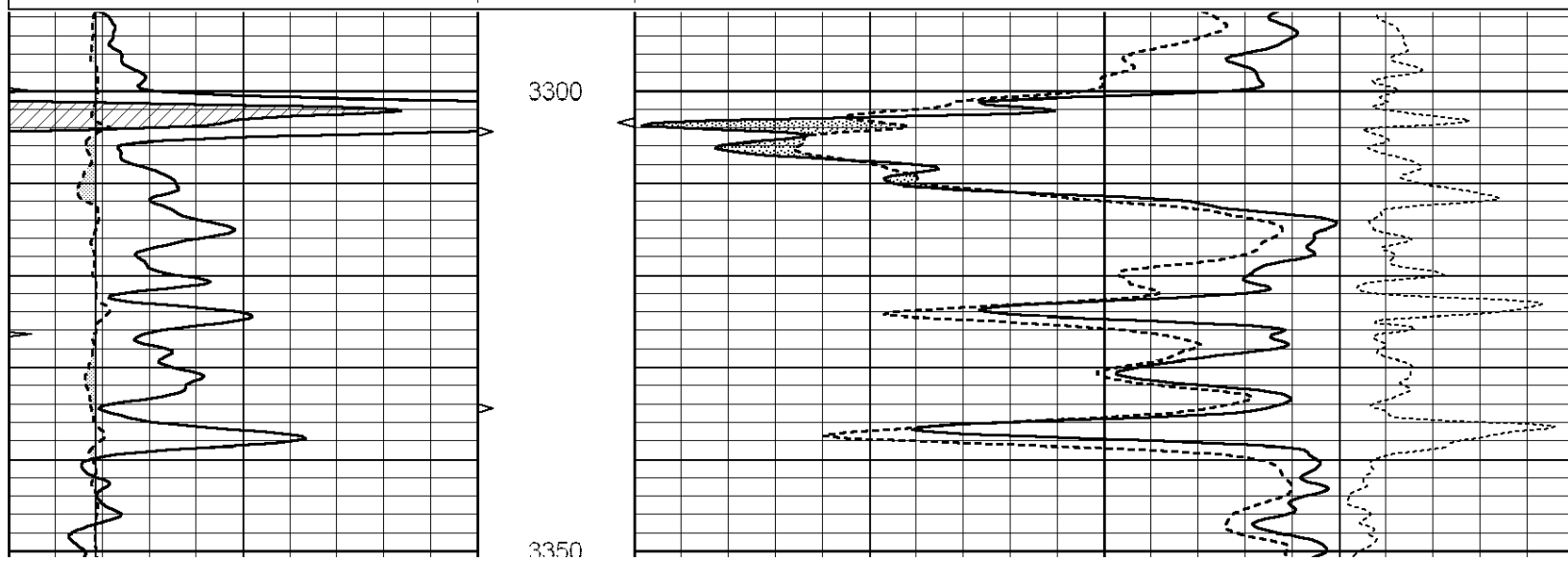


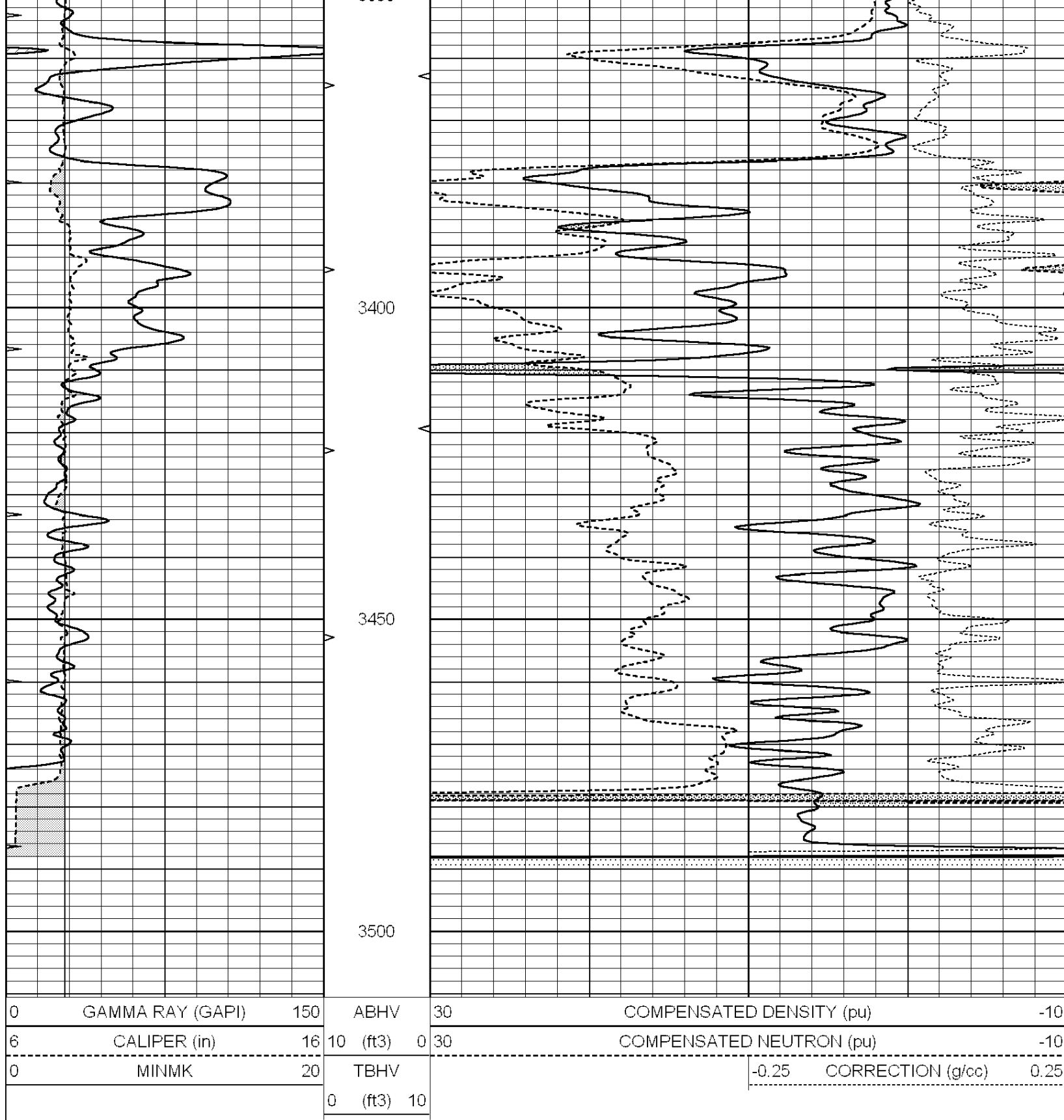
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REPEAT SECTION

Database File: 005922ddn.db
 Dataset Pathname: pass2.7
 Presentation Format: den_neu
 Dataset Creation: Fri Nov 19 08:31:20 2010 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			



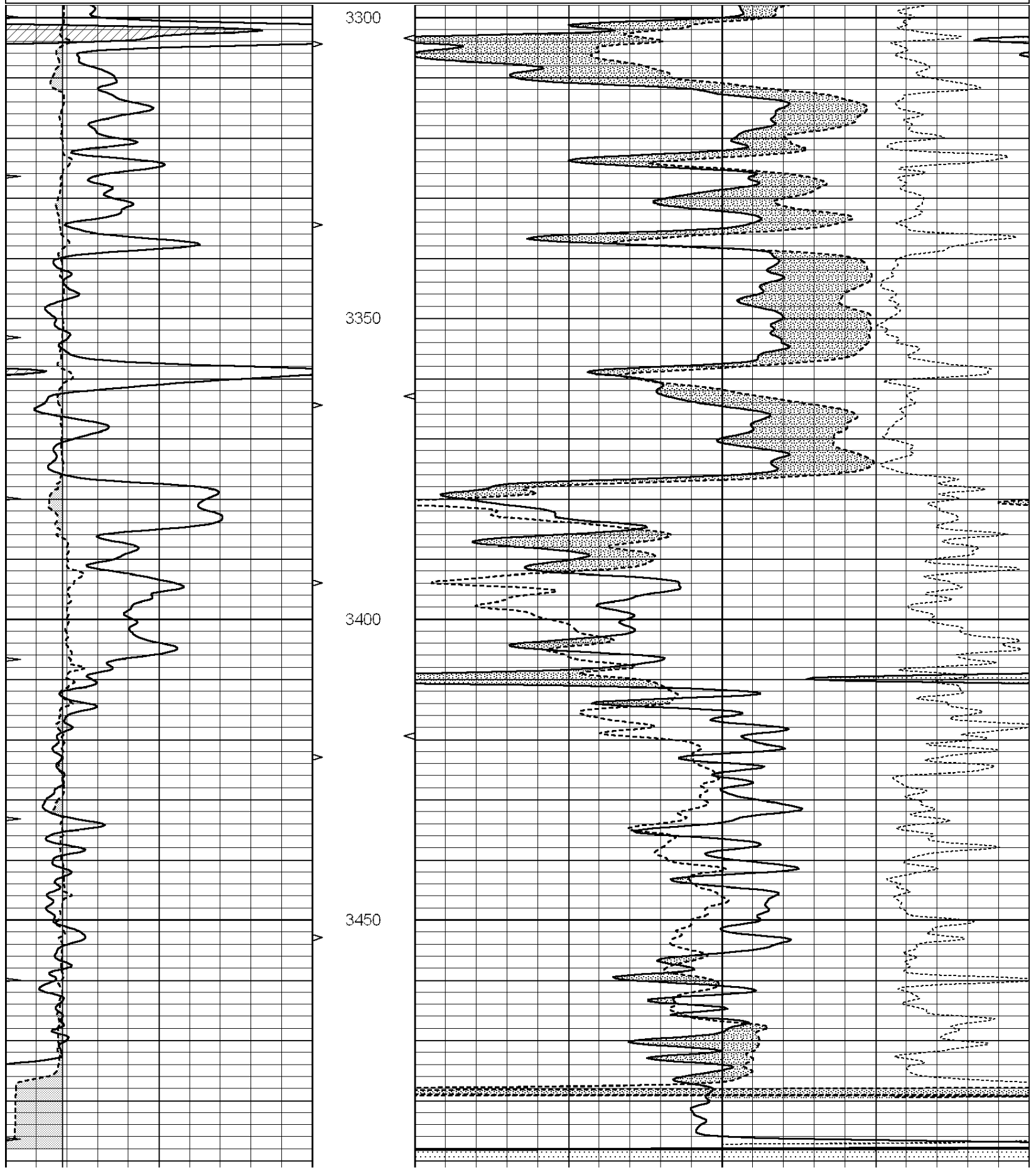


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Dolomite Matrix 2.81

Database File: 005922ddn.db
Dataset Pathname: pass2.d.2
Presentation Format: den_neu
Dataset Creation: Fri Nov 19 09:07:30 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					
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: GR5
 Tool Model: OPEN
 Performed: Wed Nov 17 15:01:06 2010

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps

Calibrator Reading: 1.0 cps

Sensitivity: 0.6000 GAPI/cps