



NABORS

**COMPLETION
& PRODUCTION
SERVICES CO.**

COMPENSATED DENSITY / NEUTRON LOG

Company	FOURWINDS OIL CORPORATION	Location:	API # : 15-137-20734-0000	Other Services
Well	SCOTT #1	Well	SCOTT #1	DIL/MEL
Field	WILDCAT	Field	WILDCAT	
County	NORTON	County	NORTON	State
State	KANSAS	State	KANSAS	
Permanent Datum	GROUND LEVEL	Elevation	2296	Elevation
Log Measured From	KELLY BUSHING 5' A.G.L.			K.B. 2301
Drilling Measured From	KELLY BUSHING			D.F. 2299
				G.L. 2296
Date	6/23/15			
Run Number	ONE			
Depth Driller	3775			
Depth Logger	3774			
Bottom Logged Interval	3750			
Top Log Interval	3100			
Casing Driller	8 5/8"@216'			
Casing Logger	220			
Bit Size	7 7/8"			
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES	750 PPM	
Density / Viscosity	9.3/65			
pH / Fluid Loss	10.0/8.8			
Source of Sample	FLOWLINE			
Rim @ Meas. Temp	.955@90F			
Rmf @ Meas. Temp	.716@90F			
Rmc @ Meas. Temp	1.15@90F			
Source of Rmf / Rmc	MEASUREMENT			
Rim @ BHT	.754@114F			
Time Circulation Stopped	2 HOURS			
Time Logger on Bottom	1:00 A.M.			
Maximum Recorded Temperature	114F			
Equipment Number	4854			
Location	HAYS, KANSAS			
Recorded By	JEFF LUEBBERS			
Witnessed By	JEFF LAWLER			

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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 "NABORS" HAYS, KANSAS (785) 628-6395
DIRECTIONS

HILL CITY, KS., N. TO HWY 9, GO 4 MORE NORTH TO "RD. W", 2E. TO CURVE, N. INTO THEN BACK E.



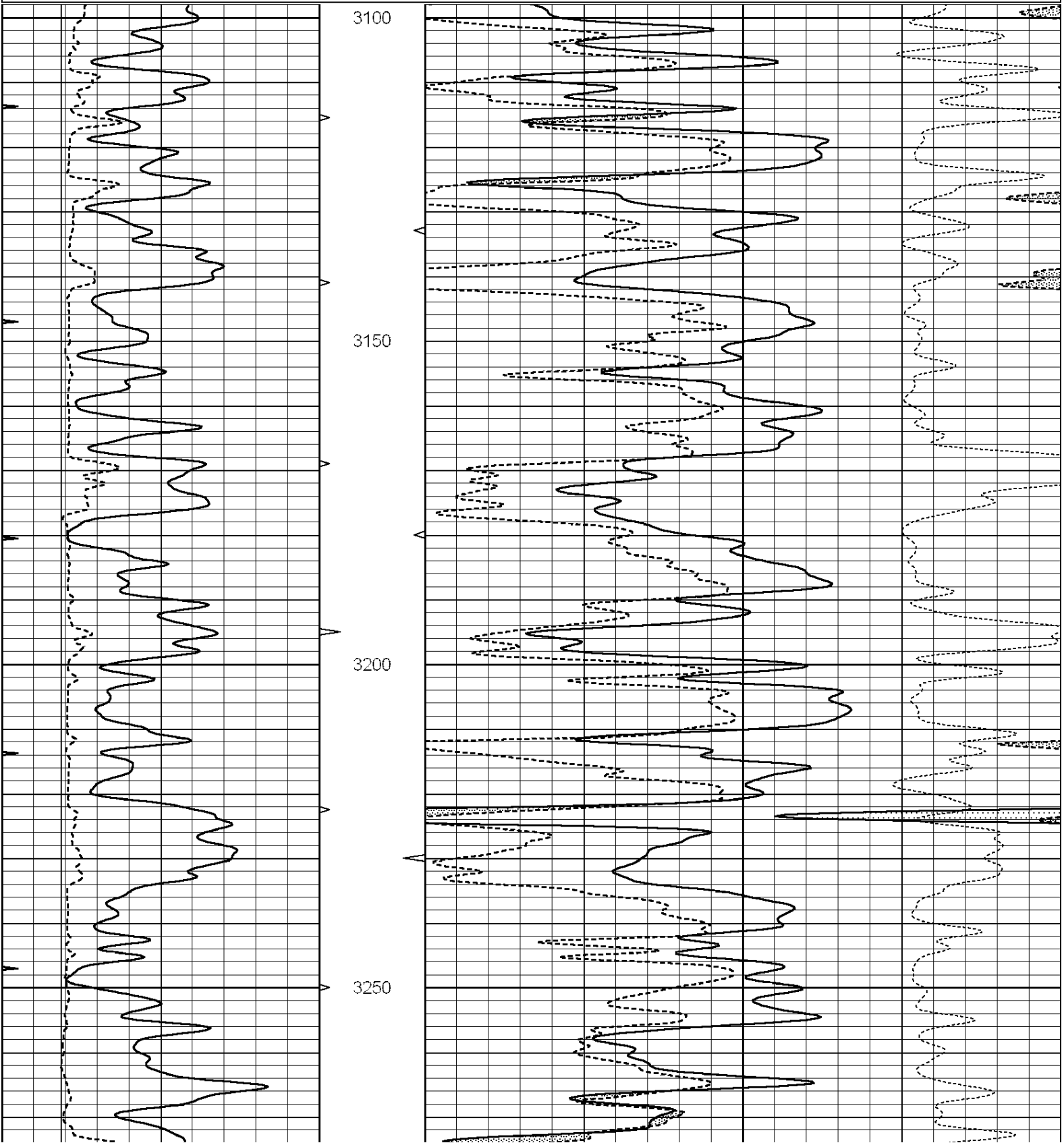
NABORS

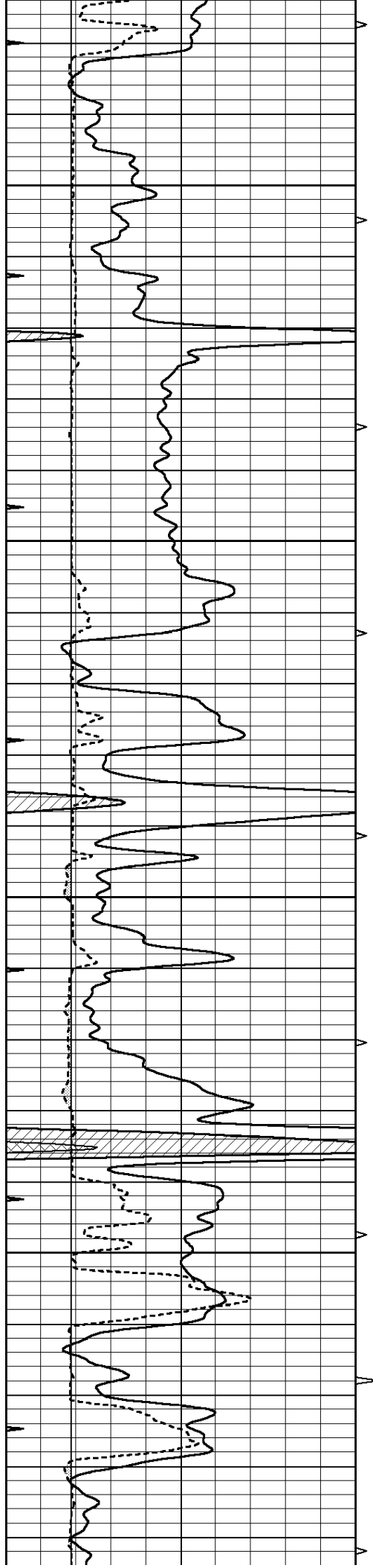
**COMPLETION
& PRODUCTION**

MAIN SECTION

Database File: 26523ddn.db
Dataset Pathname: pass3.11
Presentation Format: den_neu
Dataset Creation: Tue Jun 23 02:06:24 2015 by Calc SOC 120430
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		



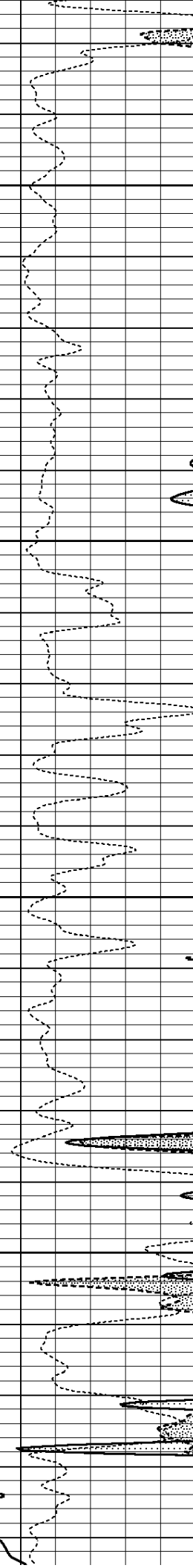
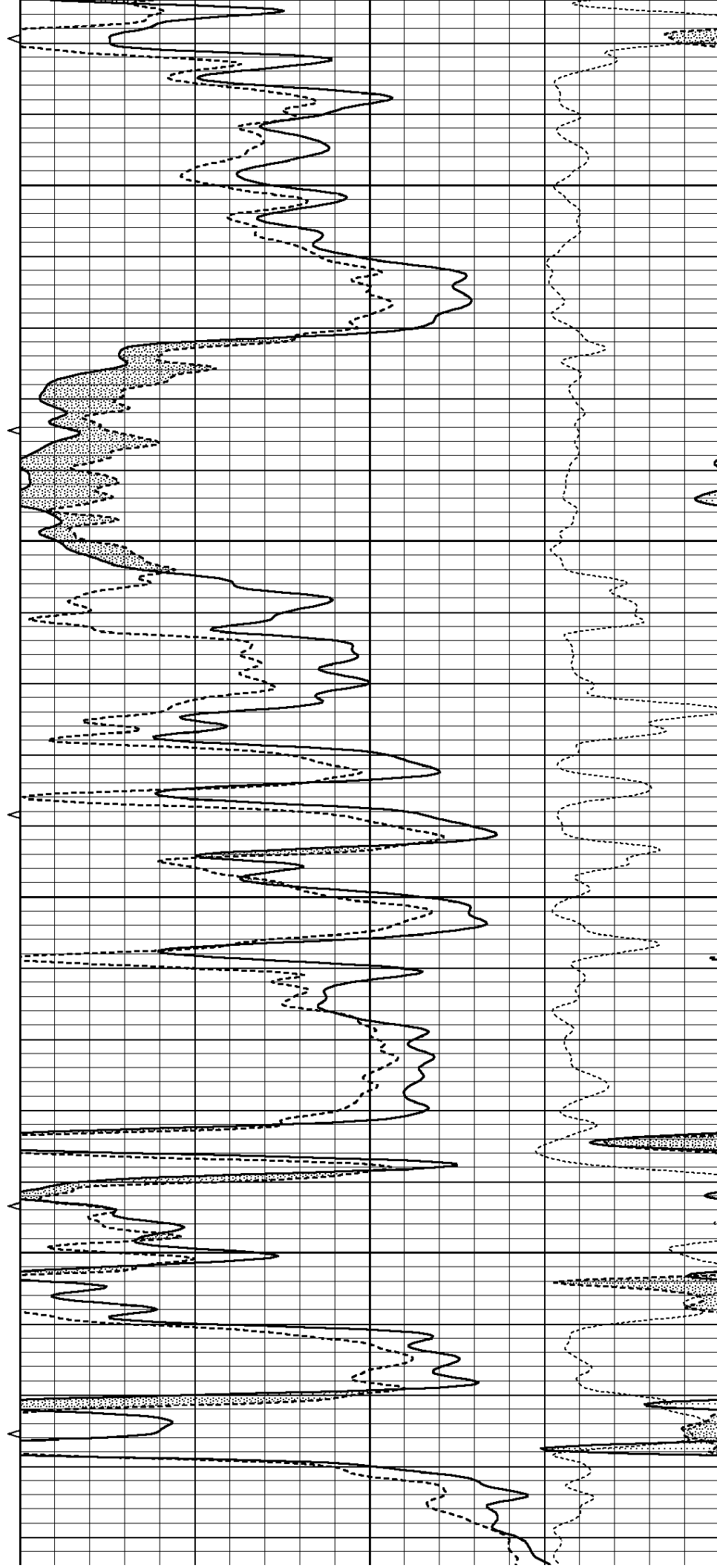


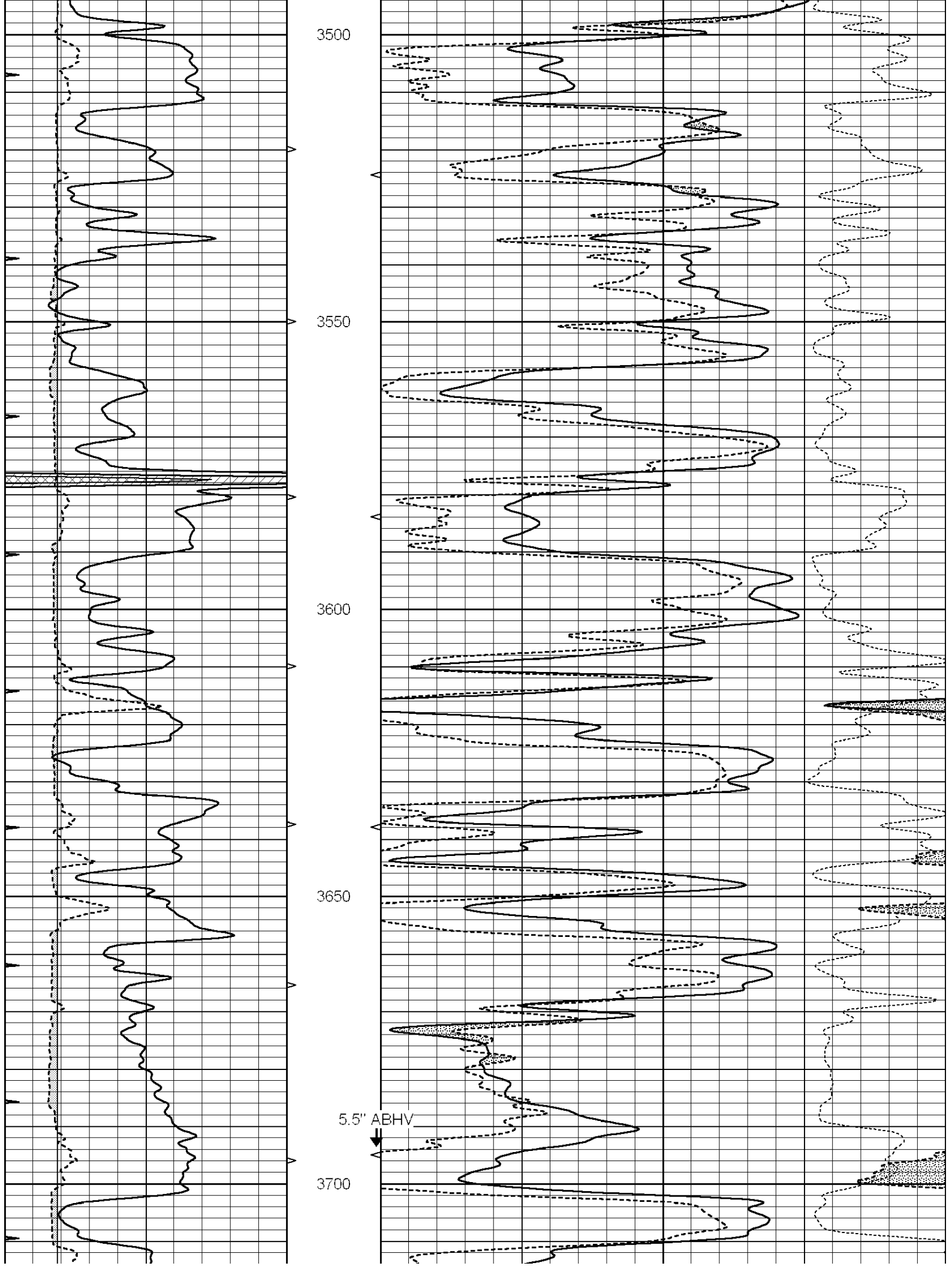
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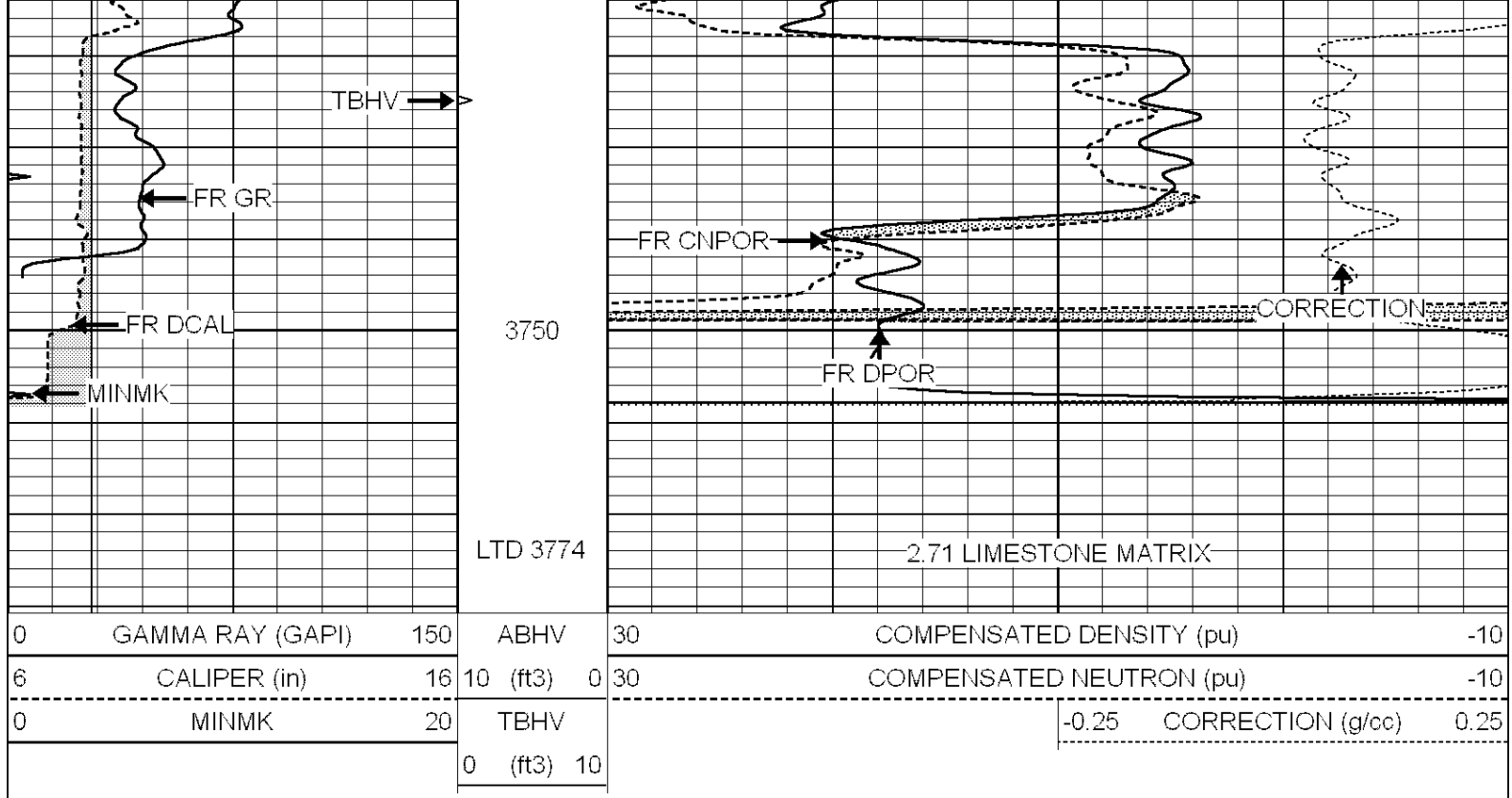
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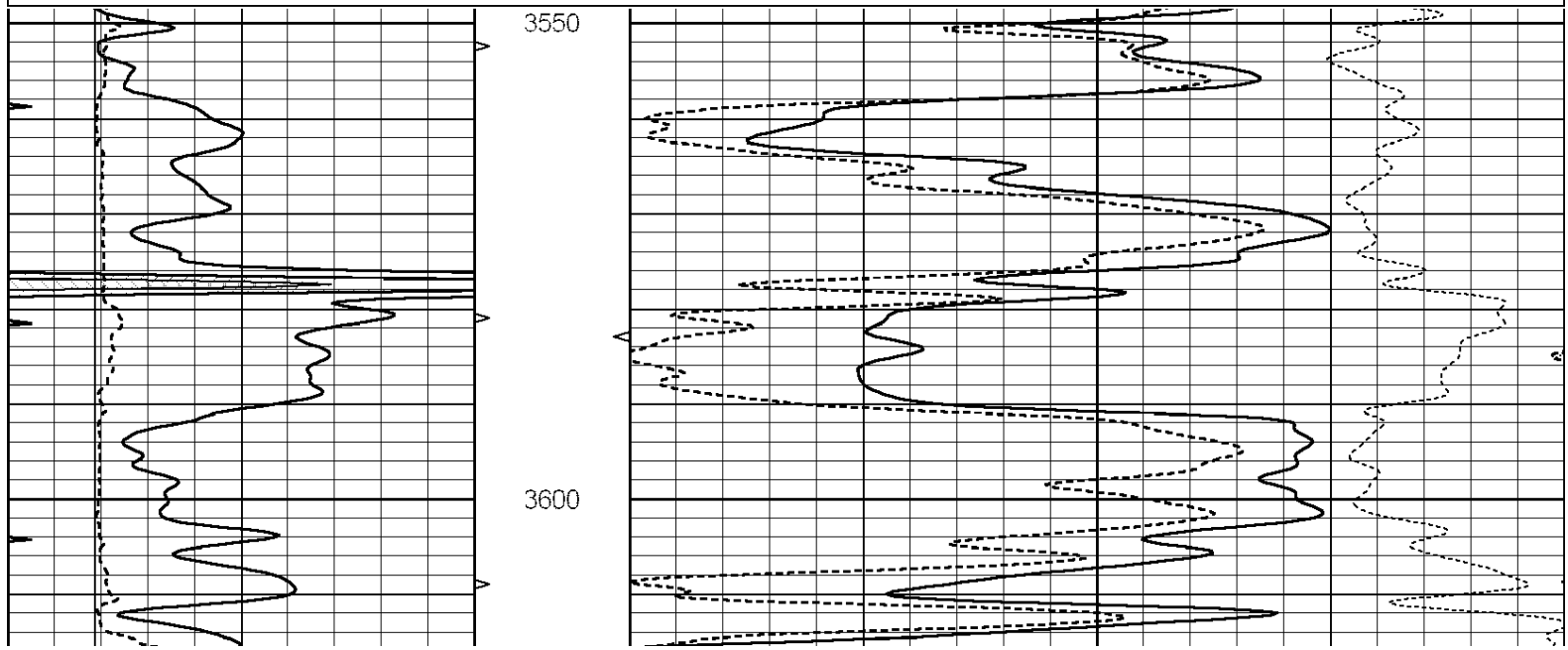


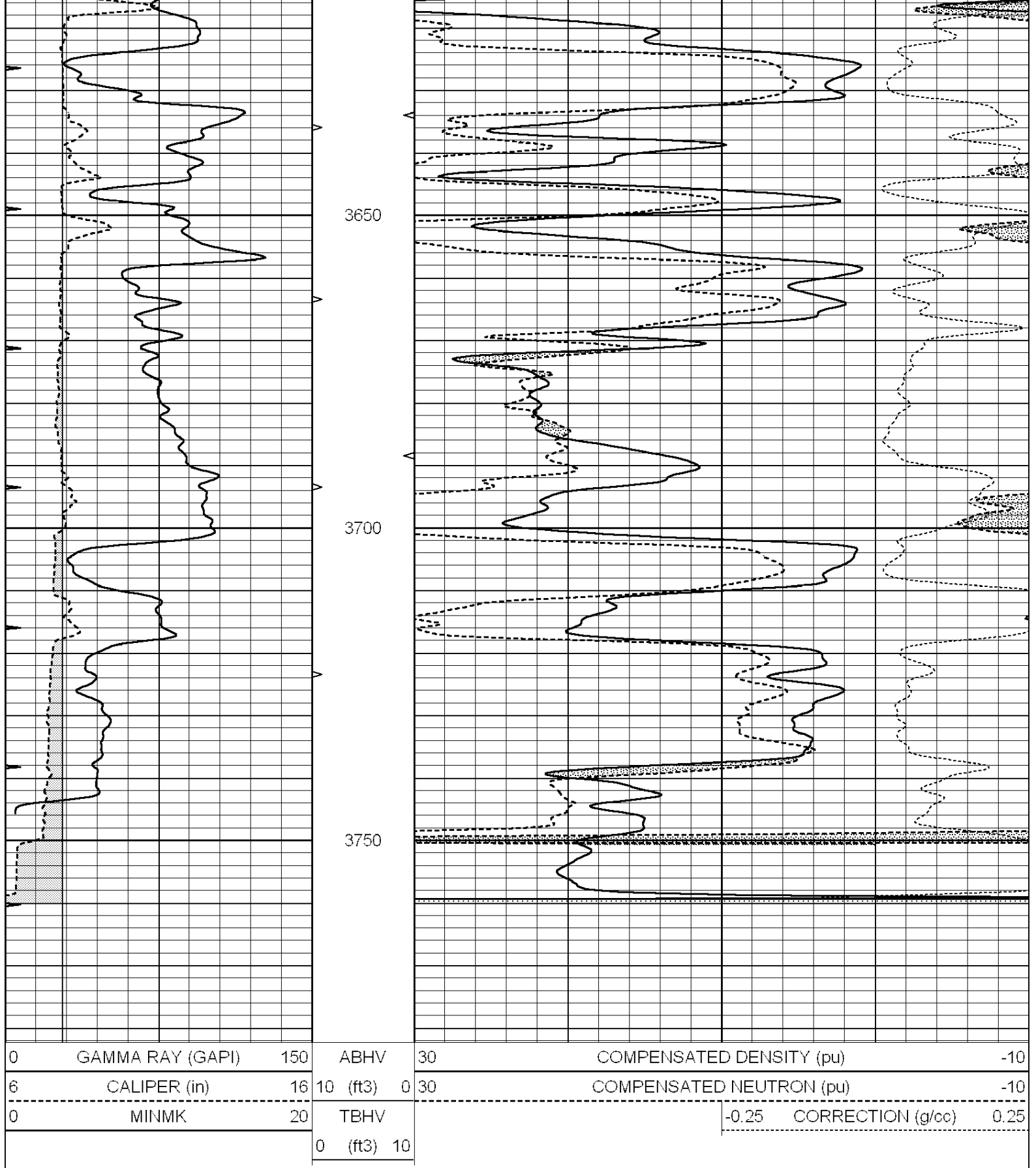


REPEAT SECTION

Database File: 26523ddn.db
 Dataset Pathname: pass2.5
 Presentation Format: den_neu
 Dataset Creation: Tue Jun 23 01:08:35 2015 by Calc SOC 120430
 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: 26523ddn.db
Dataset Pathname: pass3.11
Dataset Creation: Tue Jun 23 02:06:24 2015 by Calc SOC 120430

Dual Induction Calibration Report

Serial-Model:

PROBE9-DILG

Surface Calibration								
Readings				References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	-0.014	0.629	V	0.000	400.000	mmho/m	670.000	-16.000
Medium	0.039	0.728	V	0.000	464.000	mmho/m	670.000	-30.000
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.011	0.610	V	0.000	400.000	mmho/m	667.135	-7.256
Medium	0.005	0.712	V	0.000	464.000	mmho/m	655.677	-3.102

Downhole Calibration								
Readings				References			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	14.508	388.384	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	166.367	504.400	mmho/m	1.000	0.000
LL3		7.500	V		1400.000	Ohm-m		
		0.000	V		20.000	Ohm-m		
		-7.200	V		4000.000	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: 004N				Model: PRB				

Master Calibration					Performed Fri May 30 11:01:00 2014			
	Background	Magnesium	Aluminum	Sandstone				
Window 1	1378.8	10804.6	3492.0	12453.4	cps			
Window 2	1262.4	9313.5	3076.7	10594.7	cps			
Window 3	1077.6	5668.7	2076.0	6314.8	cps			
Window 4	306.4	313.0	306.4	315.6	cps			
Long Space	0.0	8051.0	1814.3	9332.3	cps			
Short Space	1.9	1706.1	1146.0	1707.6	cps			
Rho		1.7100	2.5900	1.3800	g/cc			
Pe		0.0000	2.5700	1.5500				
Rib Angle	: 45.0	Rib Slope	: 1.002	Density/Spine Ratio	: 0.571			
Spine Angle	: 75.0	Spine Slope	: 3.745	Spine Intercept	: -18.9			

Before Survey Verification					Performed Wed Dec 31 18:00:00 1969			
Window 1	0.0	0.0	0.0	0.0	cps			
Window 2	0.0	0.0	0.0	0.0	cps			
Window 3	0.0	0.0	0.0	0.0	cps			
Window 4	0.0	0.0	0.0	0.0	cps			
Long Space	0.0	0.0	0.0	0.0	cps			
Short Space	0.0	0.0	0.0	0.0	cps			
Measured Rho		0.0000	0.0000	0.0000	g/cc			

Measured Correction		0.0000	0.0000	0.0000	g/cc
Measured Pe			0.0000	0.0000	
After Survey Verification					
Performed Wed Dec 31 18:00:00 1969					
Window 1	0.0	0.0	0.0	0.0	cps
Window 2	0.0	0.0	0.0	0.0	cps
Window 3	0.0	0.0	0.0	0.0	cps
Window 4	0.0	0.0	0.0	0.0	cps
Long Space	0.0	0.0	0.0	0.0	cps
Short Space	0.0	0.0	0.0	0.0	cps
Measured Rho		0.0000	0.0000	0.0000	g/cc
Measured Correction		0.0000	0.0000	0.0000	g/cc
Measured Pe			0.0000	0.0000	
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:		070558			
Tool Model:		OPEN_GR			
Performed:		Sat Mar 21 17:40:37 2015			
Calibrator Value:		1.0	GAPI		
Background Reading:		0.0	cps		
Calibrator Reading:		1.0	cps		
Sensitivity:		0.2600	GAPI/cps		