



SUPERIOR
Hays,
Kansas

COMPENSATED DENSITY NEUTRON LOG

Company VINCENT OIL CORPORATION
Well CROCKETT #8-36
Field TROUSDALE WEST
County EDWARDS
State KANSAS

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County EDWARDS State KANSAS

Location: API #: 15-047-21594
990' FNL & 330' FEL
SEC 36 TWP 26S RGE 17W
Permanent Datum GROUND LEVEL Elevation 2102
Log Measured From KELLY BUSHING 5' A.G.L.
Drilling Measured From KELLY BUSHING
Other Services
DIL
MICRO
Elevation
K.B. 2107
D.F.
G.L. 2102

Date	12-5-10		
Run Number	ONE		
Depth Driller	4630		
Depth Logger	4632		
Bottom Logged Interval	4608		
Top Log Interval	3800		
Casing Driller	435		
Casing Logger	435		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.4 / 45		
pH / Fluid Loss	9.5 / 11.6		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	0.60 @ 84F		
Rmf @ Meas. Temp	0.45 @ 84F		
Rmc @ Meas. Temp	0.72 @ 84F		
Source of Rmf / Rmc	MEASURED		
Rm @ BHT	.420 @ 121F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	7:15 P.M.		
Maximum Recorded Temperature	121F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	RUPP		
Witnessed By	MACKLIN ARMSTRONG		

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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: HAVILAND, 8N TO MULL FEEDERS SIGN, 1W, 1N, W INTO.

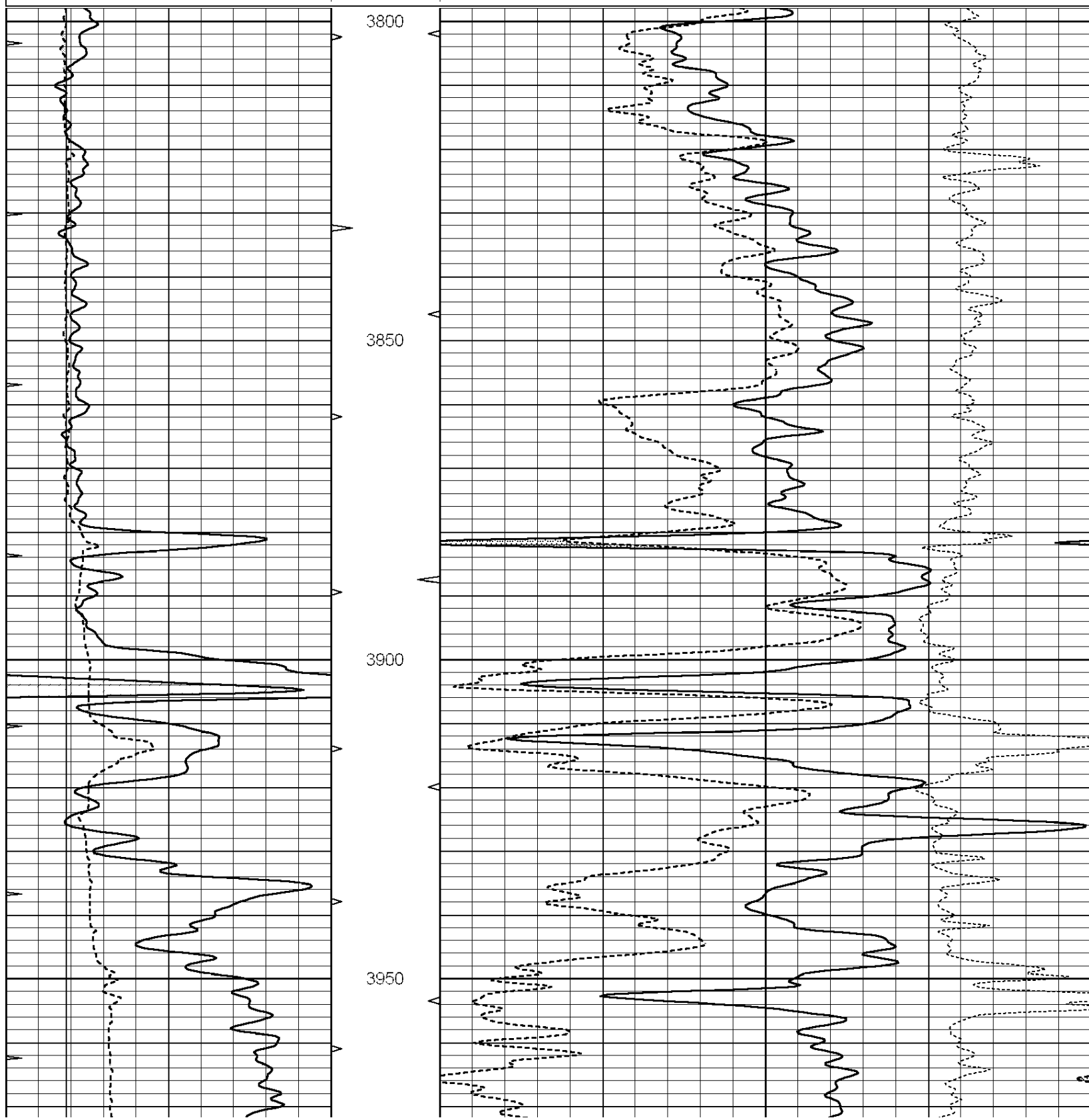


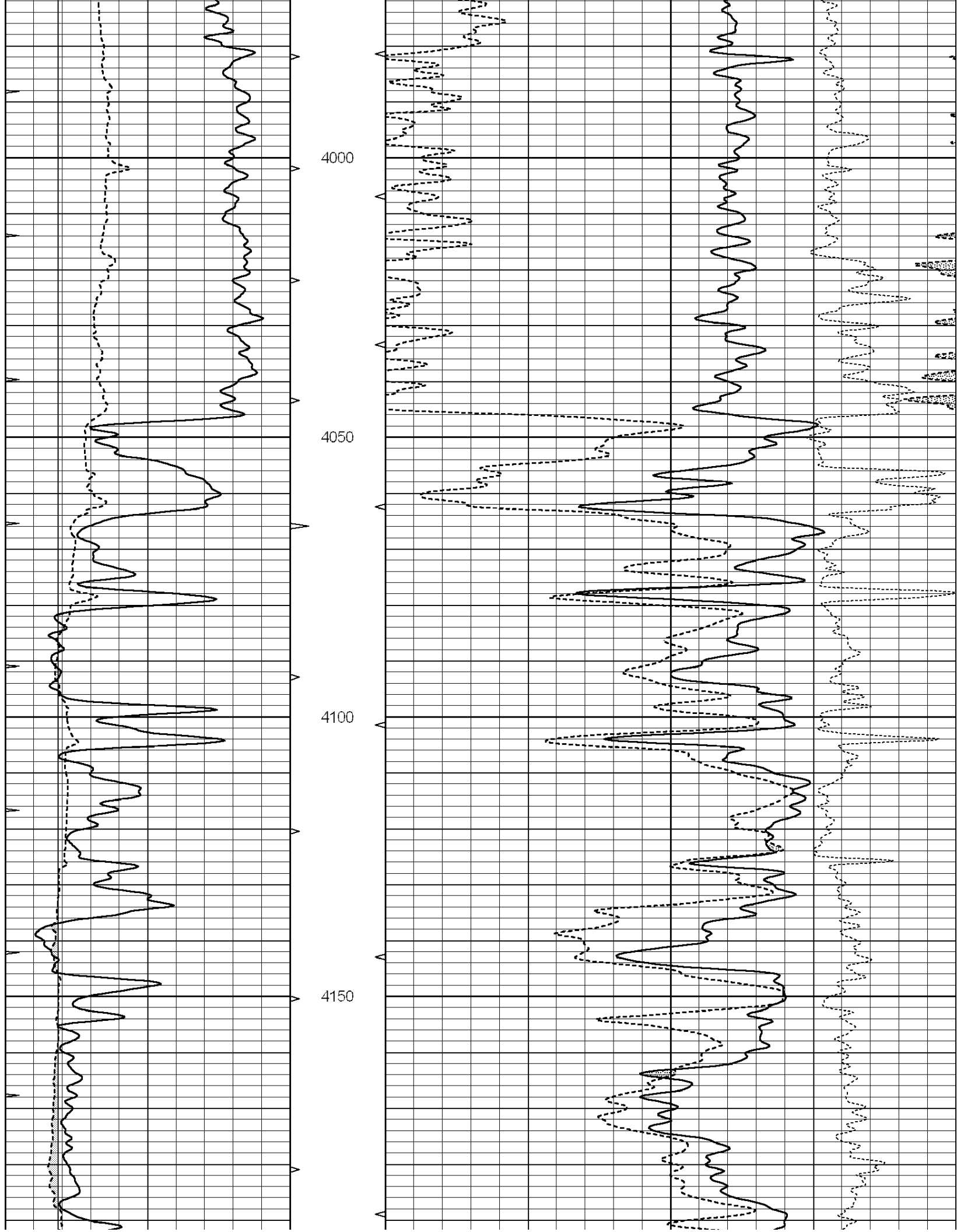
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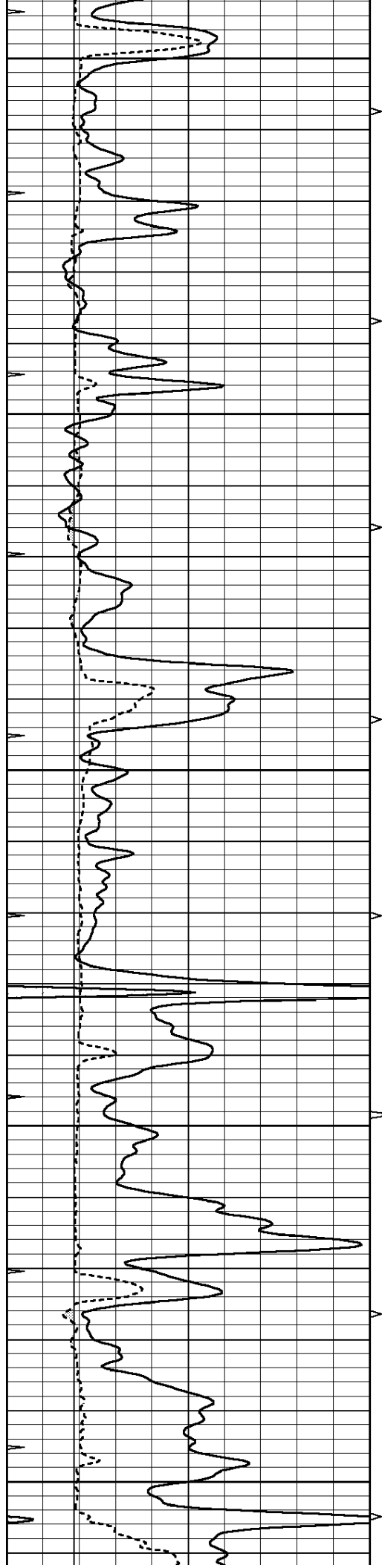
MAIN SECTION

Database File: 006305ddn.db
Dataset Pathname: pass3.1A
Presentation Format: den_neu
Dataset Creation: Sun Dec 05 20:30:56 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		







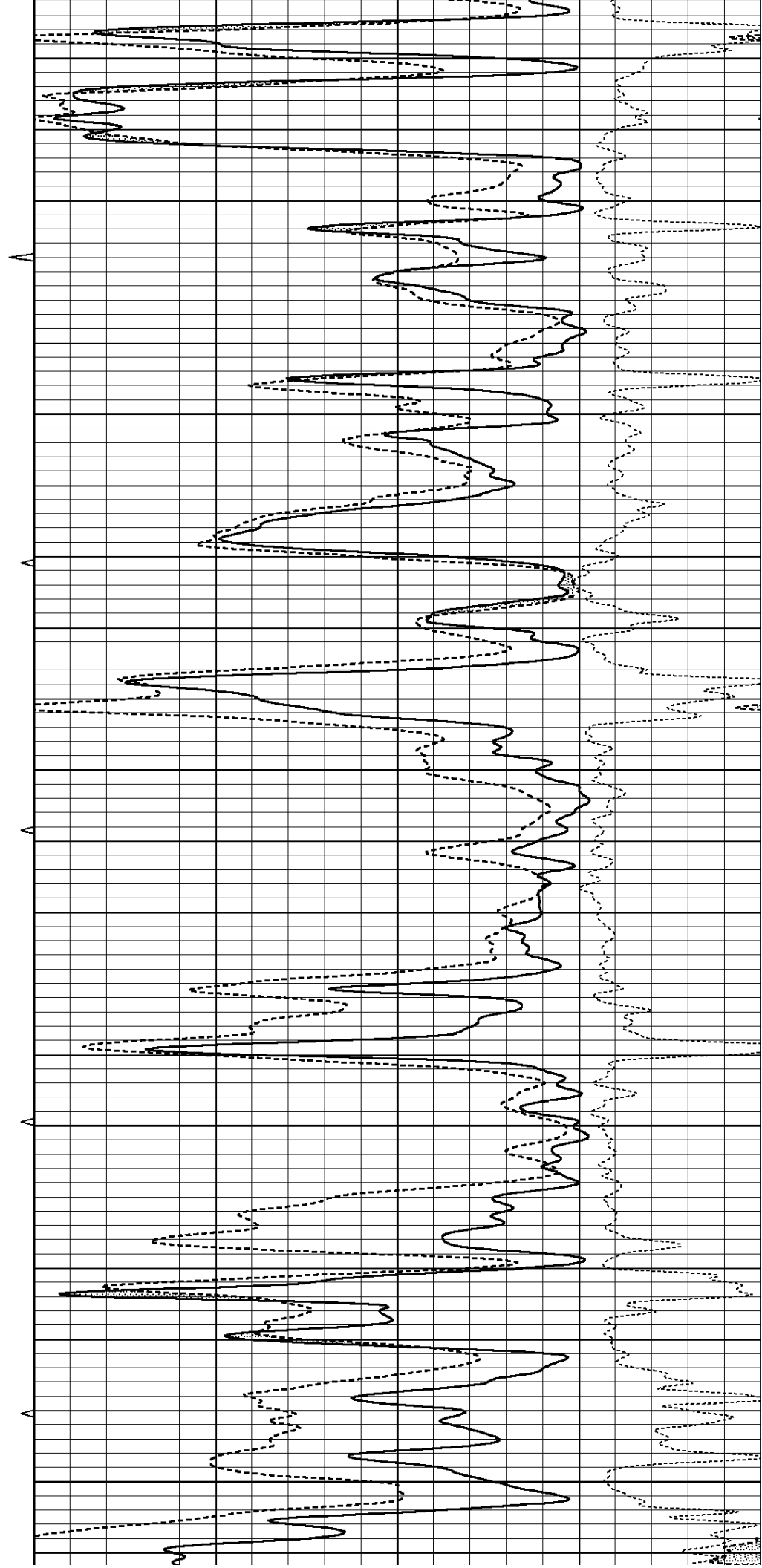
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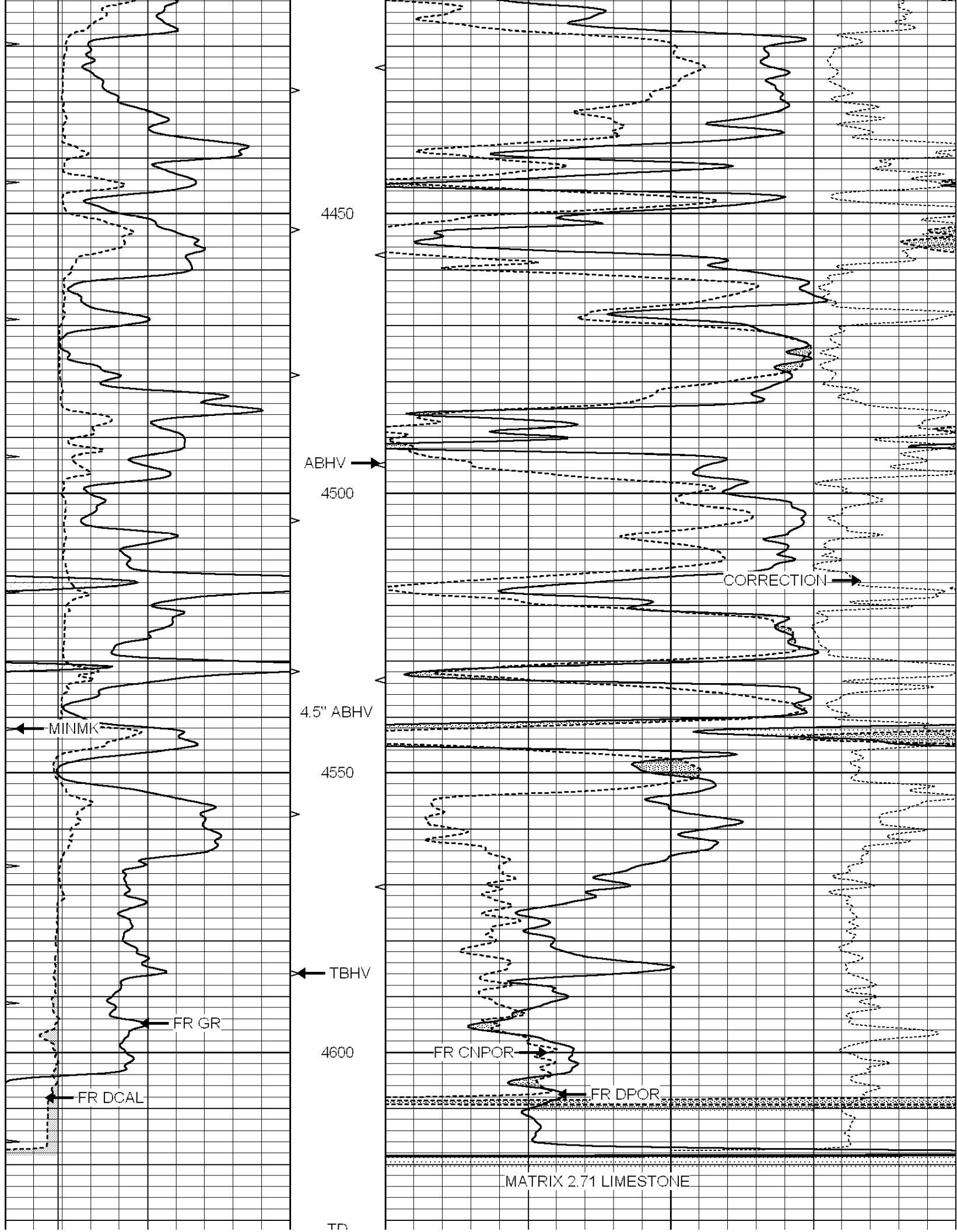
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4300

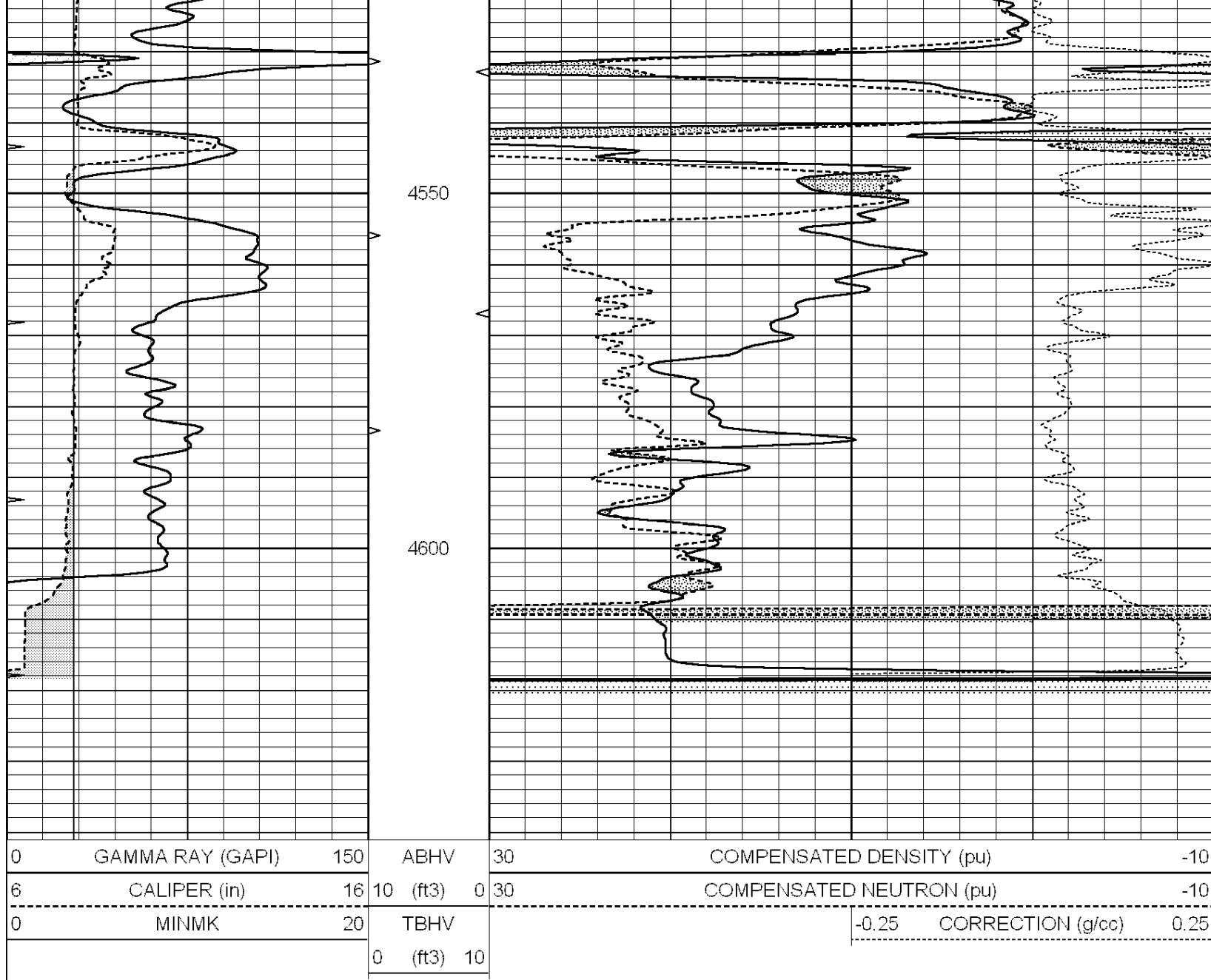
4350

4400









Calibration Report

Database File: 006305ddn.db
 Dataset Pathname: pass3.1A
 Dataset Creation: Sun Dec 05 20:30:56 2010

Dual Induction Calibration Report

Serial-Model: DIL5-GEAR
 Performed: Sun Dec 05 15:29:57 2010

Readings				References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.004	0.654	V	0.000	400.000	mmho/m	540.000	-7.000
Medium	-0.005	0.737	V	0.000	462.500	mmho/m	520.000	-11.000
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.006	0.655	V	0.000	400.000	mmho/m	615.668	-3.483
Medium	0.010	0.747	V	0.000	462.500	mmho/m	627.607	-6.064

Compensated Density Calibration Report

Serial-Model:	GEAR1-GEARHART
Source / Verifier:	147 / 147
Master Calibration Performed:	Sun Dec 05 19:56:15 2010

Master Calibration

	Density		Far Detector	Near Detector	
Magnesium	1.710	g/cc	1243.76	629.14	cps
Aluminum	2.590	g/cc	282.16	435.01	cps
Spine Angle = 76.03			Density/Spine Ratio = 0.576		
	Size		Reading		
Small Ring	7.60	in	3.82	V	
Large Ring	14.00	in	6.37	V	

Compensated Neutron Calibration Report

Serial Number:	NEU_11
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:	GR5	
Tool Model:	OPEN	
Performed:	Sun Dec 05 19:55:56 2010	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.6500	GAPI/cps