



SUPERIOR
Hays,
Kansas

COMPENSATED
NEUTRON / DENSITY
PE LOG

Company VINCENT OIL CORPORATION
Well ELLIS #2-20
Field WILDCAT
County FORD
State KANSAS

Company VINCENT OIL CORPORATION
Well ELLIS #2-20
Field WILDCAT
County FORD State KANSAS

Location: 600' FSL & 165' FWL
API # : 15-057-20799-0000
Other Services DIL/SON
SEC 20 TWP 29S RGE 22W
Permanent Datum GROUND LEVEL Elevation 2481
Log Measured From KELLY BUSHING 10' A.G.L.
Drilling Measured From KELLY BUSHING
Elevation
K.B. 2491
D.F. 2489
G.L. 2481

Date	5/4/12		
Run Number	ONE		
Depth Driller	5354		
Depth Logger	5356		
Bottom Logged Interval	5332		
Top Log Interval	4250		
Casing Driller	8 5/8" @ 610		
Casing Logger	608		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 7500 PPM	
Density / Viscosity	9.1/61		
pH / Fluid Loss	9.5/10.8		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	.36 @ 83F		
Rmf @ Meas. Temp	.27 @ 83F		
Rmc @ Meas. Temp	.43 @ 83F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	.23 @ 128F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom			
Maximum Recorded Temperature	128F		
Equipment Number	680		
Location	HAYS, KS.		
Recorded By	JASON CAPPELLUCCI		
Witnessed By	BRAD RINE		

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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
KINGSDOWN, KS - 2 S. - E. INTO

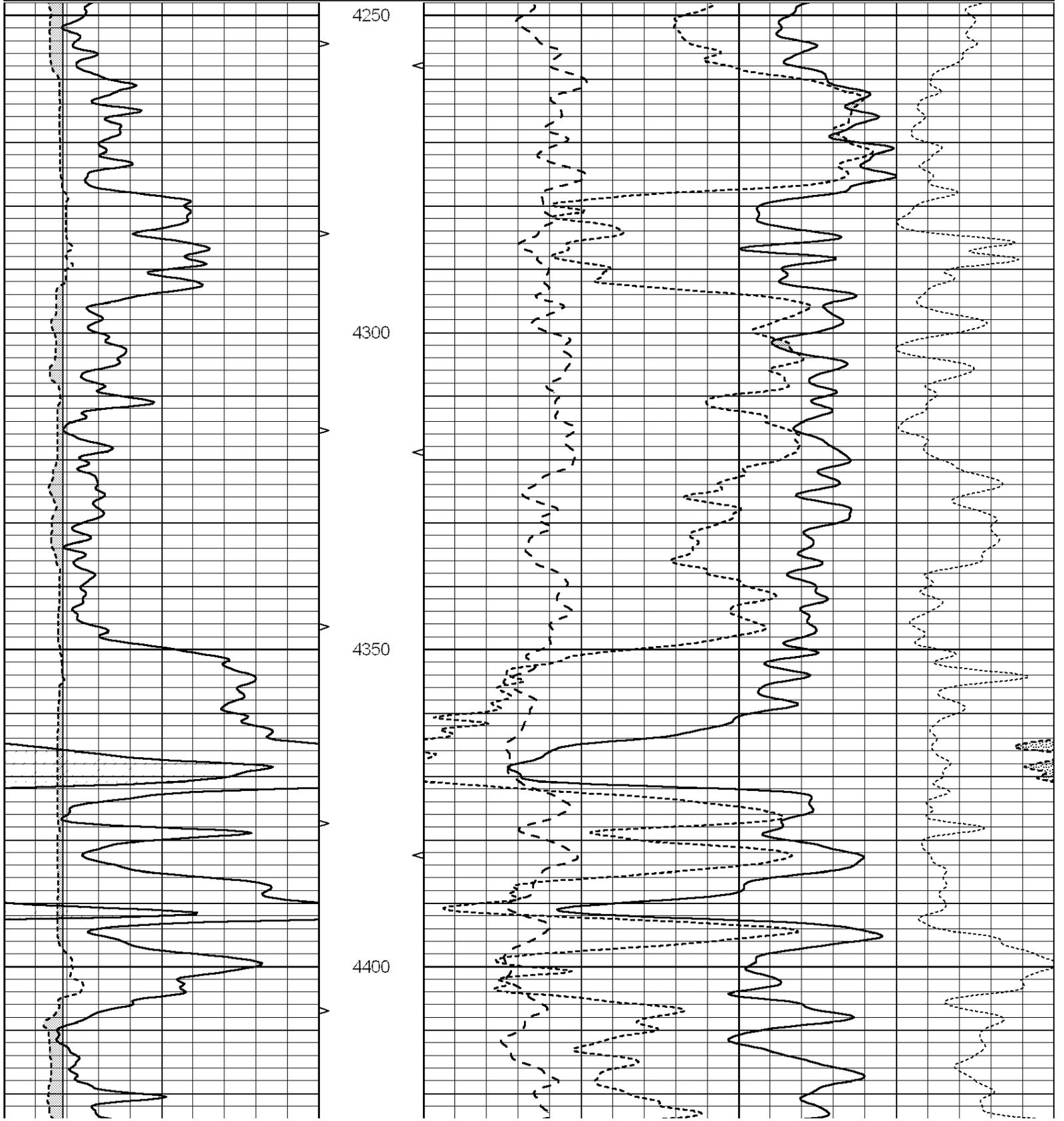


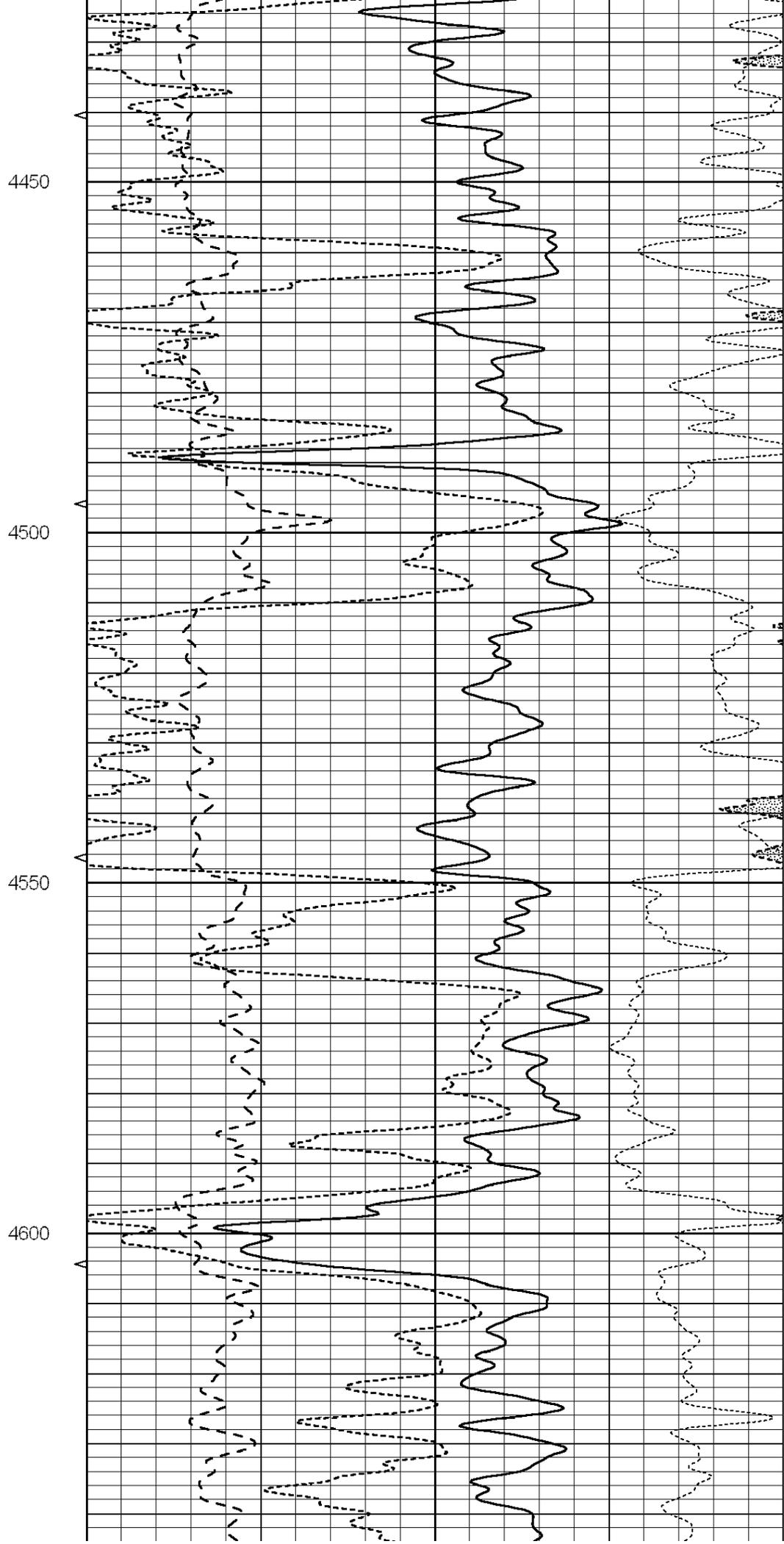
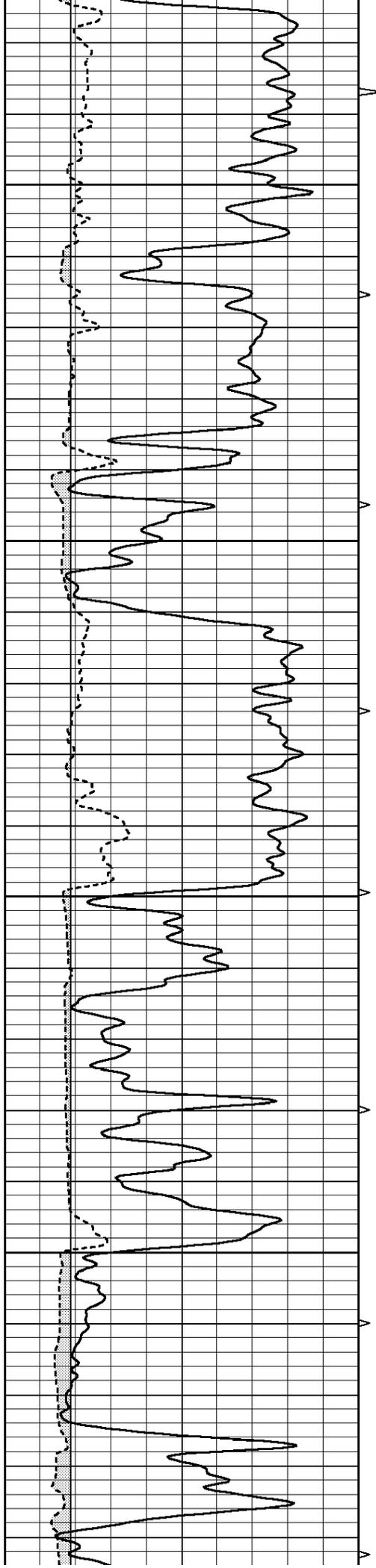
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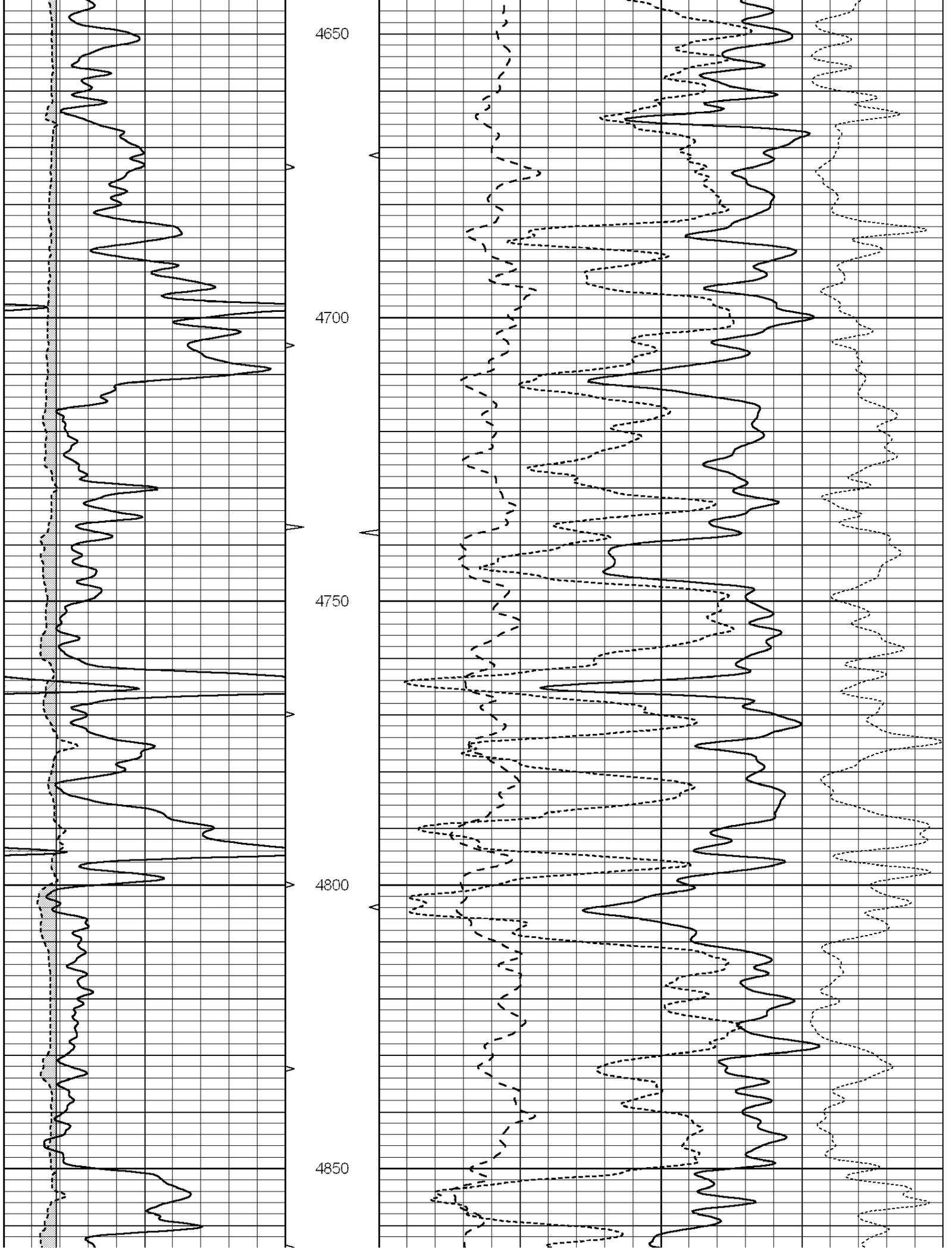
MAIN SECTION

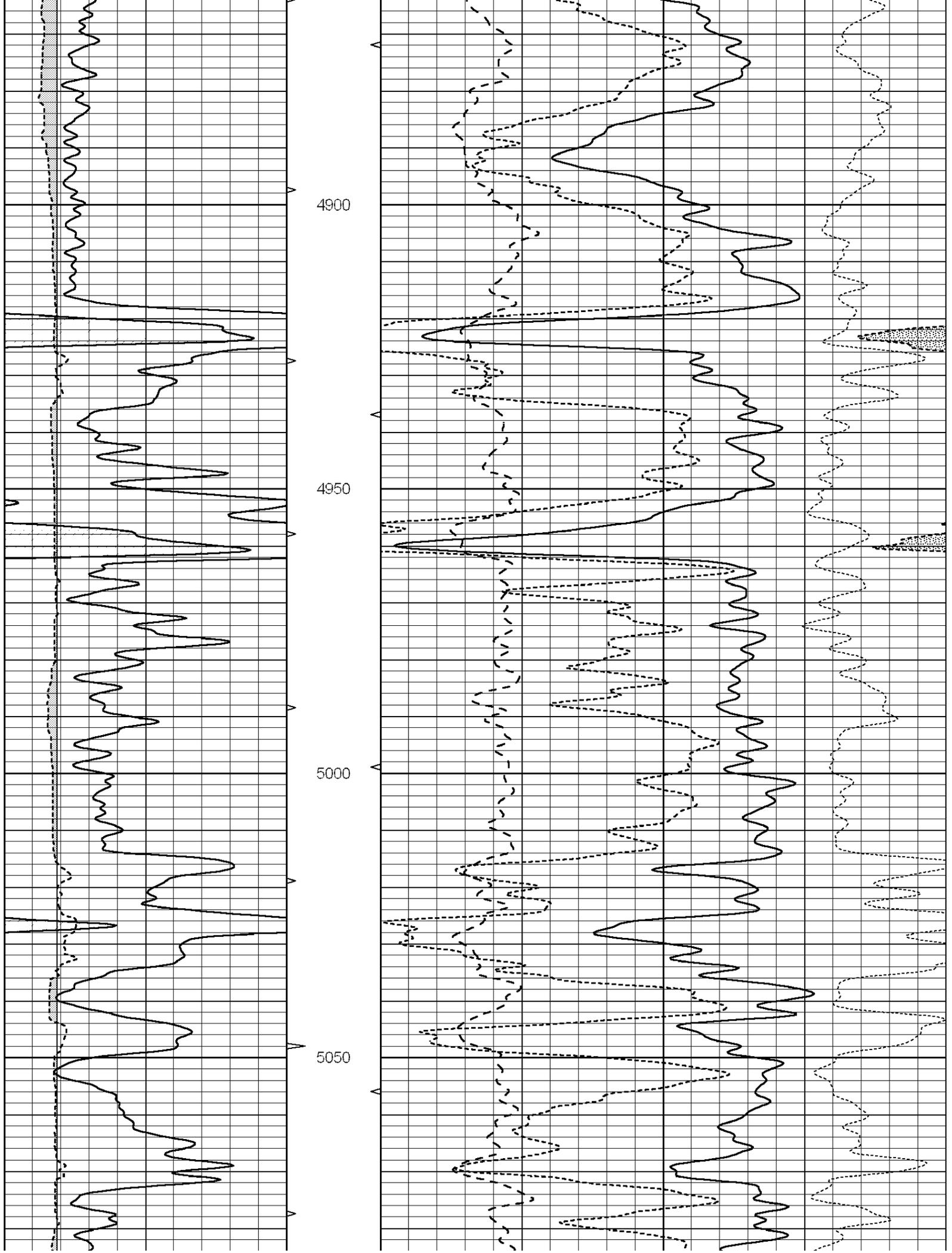
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 Dataset Creation: Sat May 05 00:12:14 2012 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

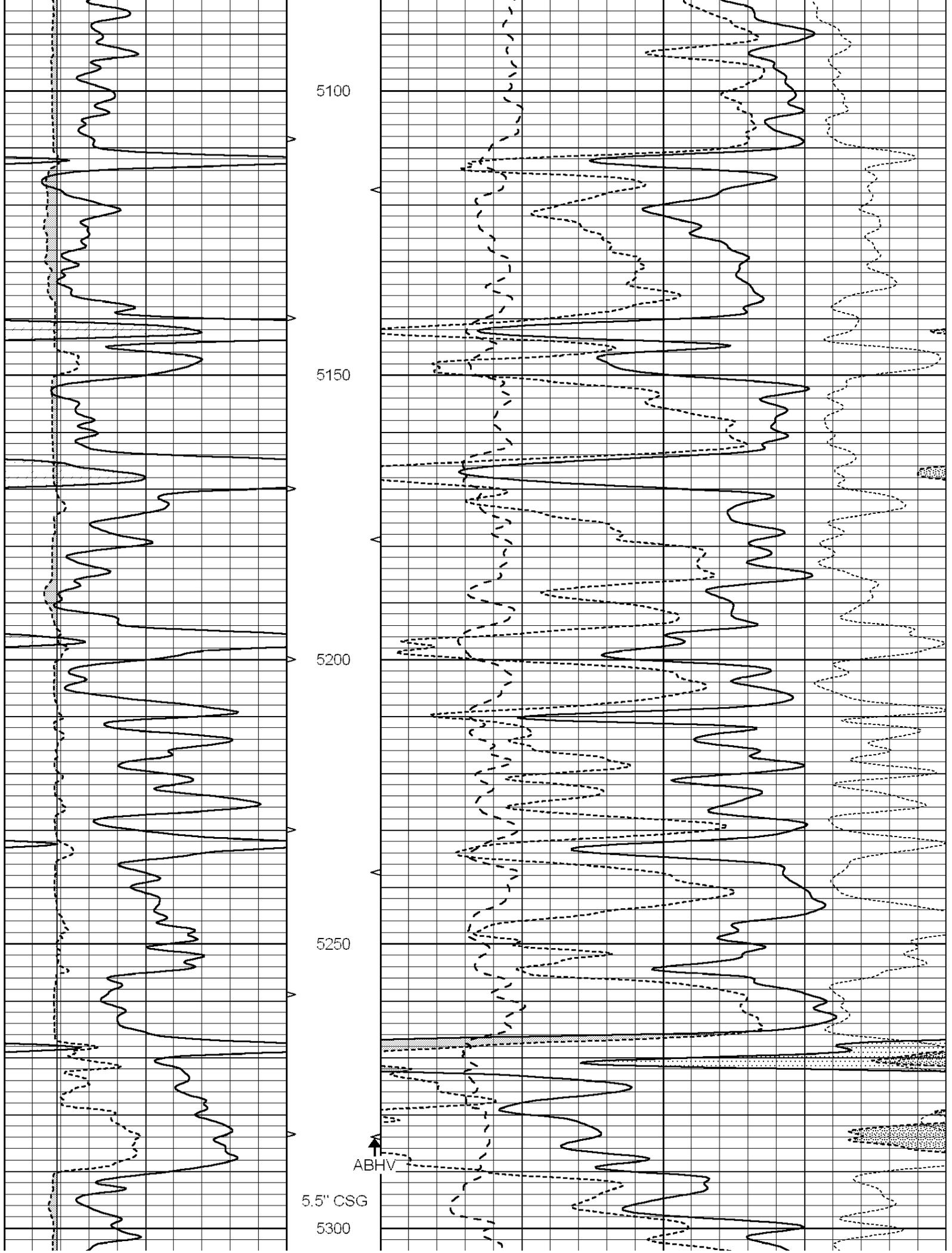
0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)	-10			
6	CALIPER (in)	16	10 (ft3)	0	30	COMPENSATED NEUTRON (pu)	-10		
			TBHV	0	PE	10	-0.25	CORRECTION (g/cc)	0.25
			0 (ft3)	10					











5100

5150

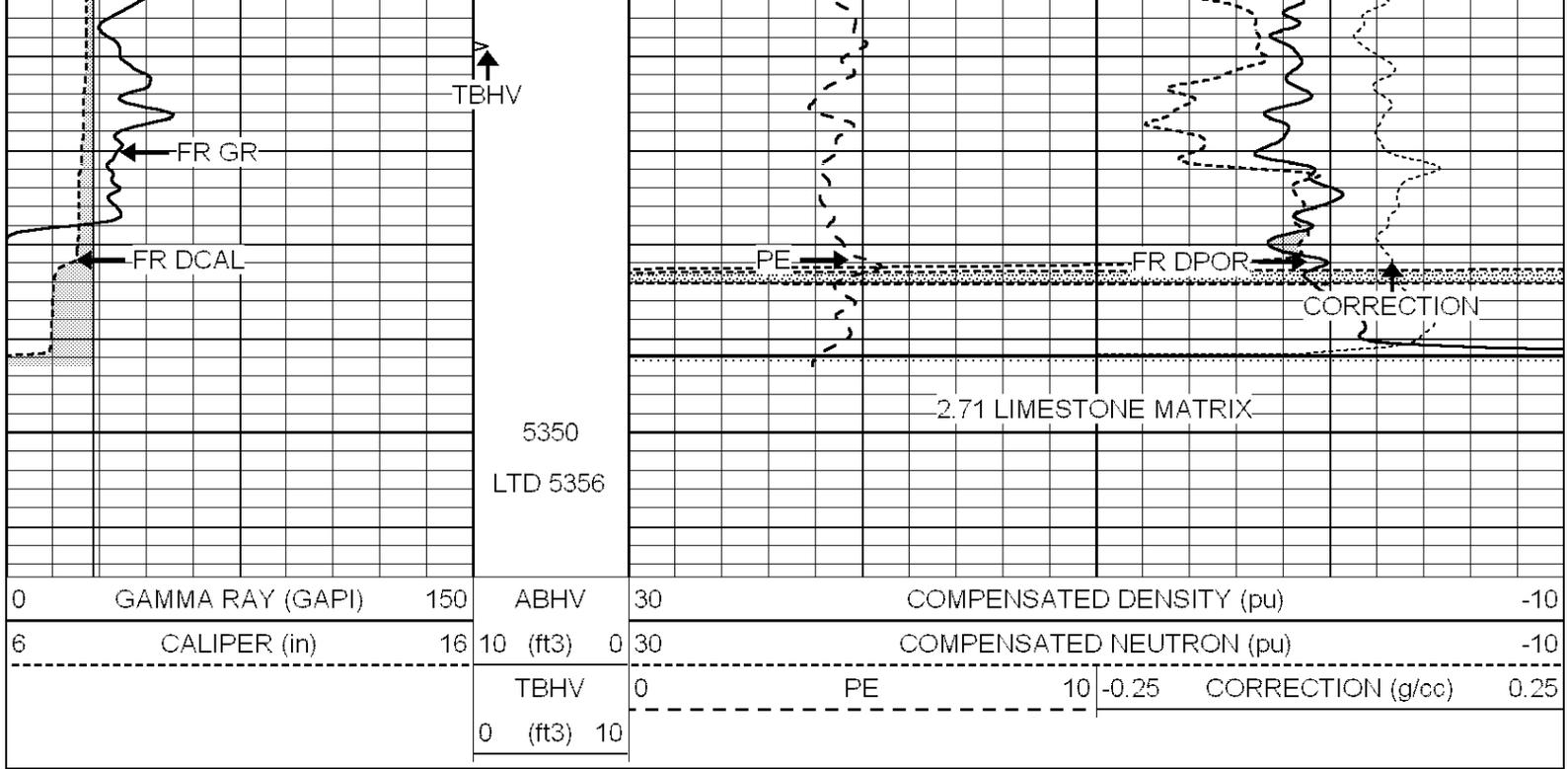
5200

5250

↑
ABHV

5.5" CSG

5300

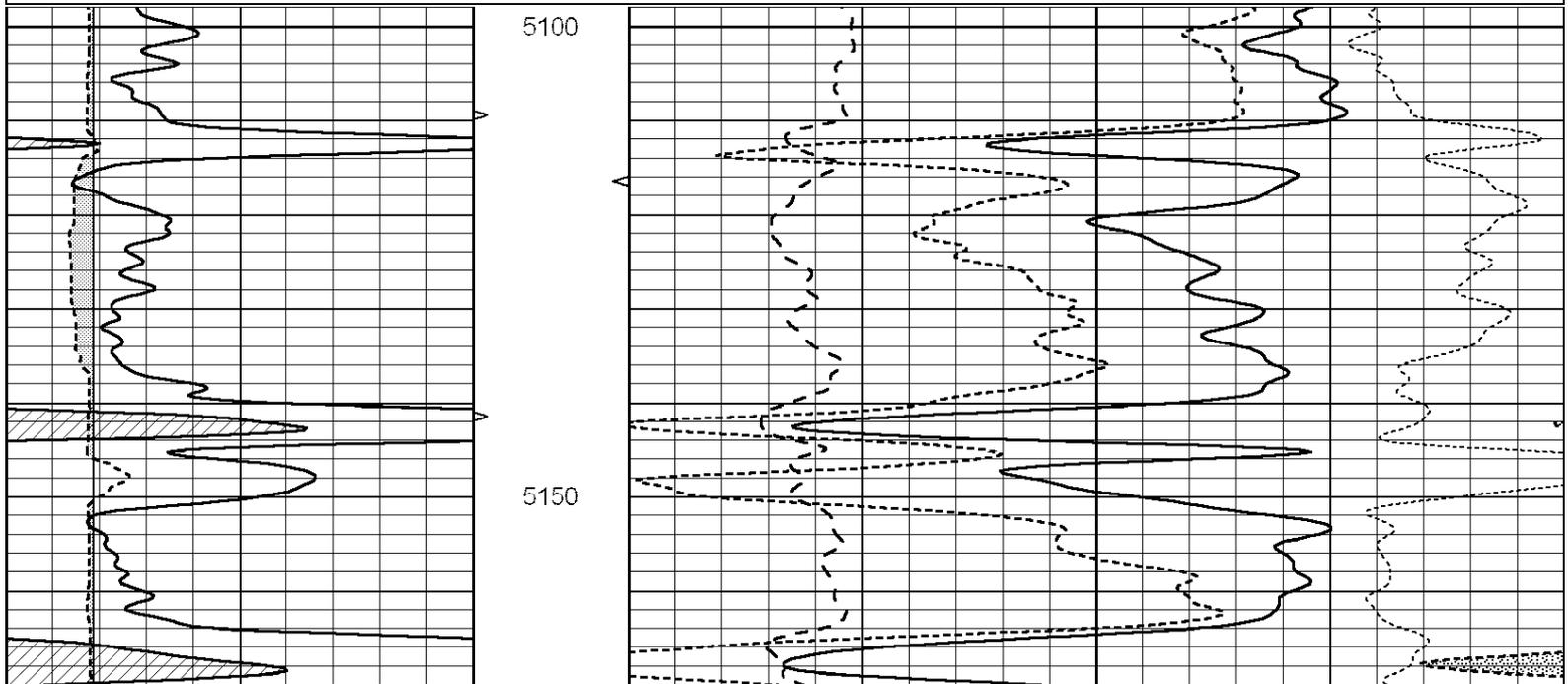


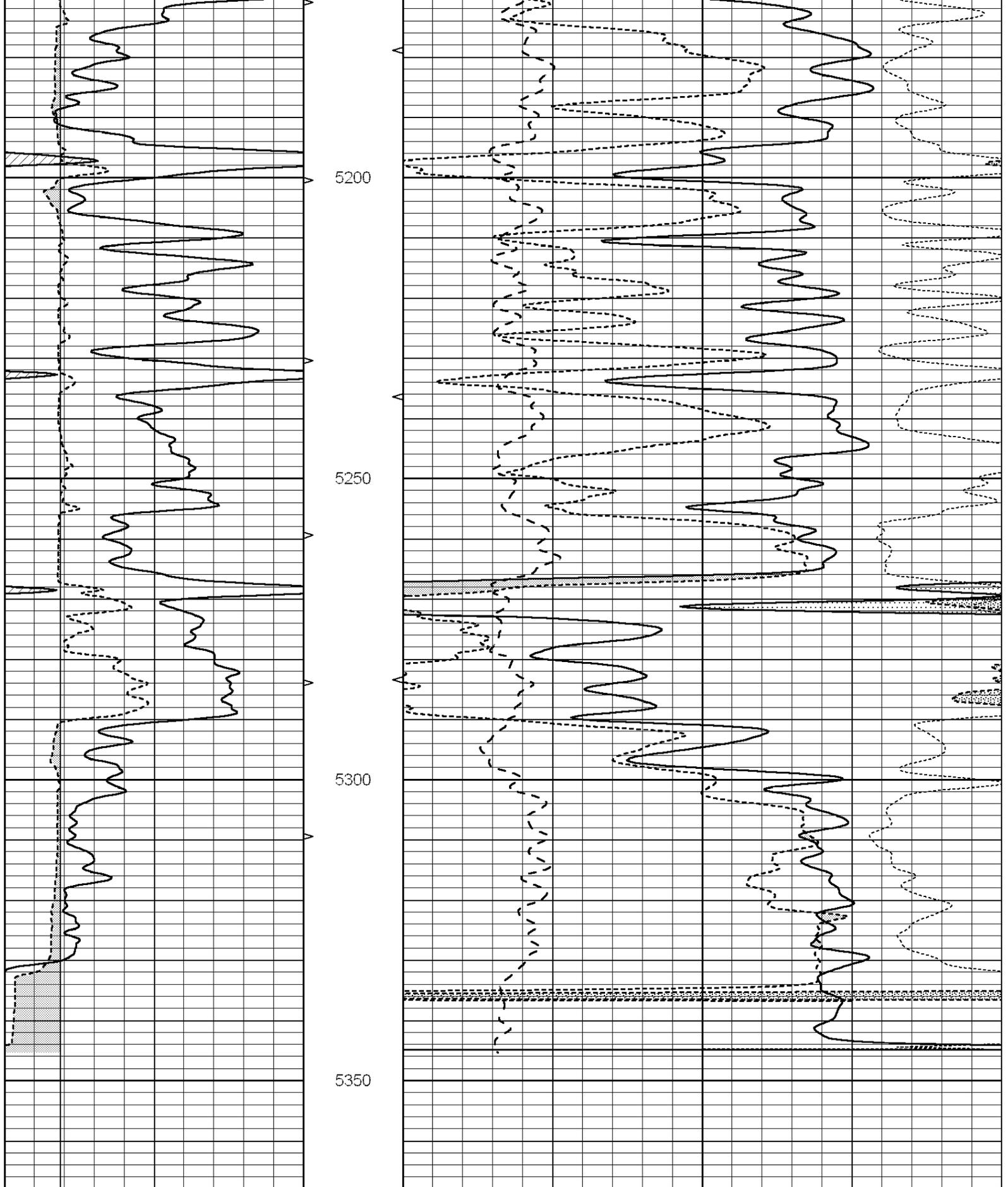
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REPEAT SECTION

Database File: 009060pe.db
 Dataset Pathname: pass2.1
 Presentation Format: _ldt_neu
 Dataset Creation: Sat May 05 00:22:49 2012 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		
			TBHV	0	PE	10	-0.25	CORRECTION (g/cc)	0.25
			0 (ft3)	10					





0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)	-10
6	CALIPER (in)	16	10 (ft3)	0 30	COMPENSATED NEUTRON (pu)	-10
			TBHV	0	PE	10 -0.25
			0 (ft3)	10		CORRECTION (g/cc) 0.25

Calibration Report

Database File: 009060pe.db
 Dataset Pathname: pass2.1
 Dataset Creation: Sat May 05 00:22:49 2012 by Calc Open-Cased 090629

Dual Induction Calibration Report

Serial-Model: PROBE8-DILG
 Surface Cal Performed: Fri Aug 01 06:33:19 2008
 Downhole Cal Performed: Mon Jul 28 11:08:27 2008
 After Survey Verification Performed: Mon Jul 28 11:08:27 2008

Surface Calibration

Loop:	Readings			References			Results	
	Air	Loop		Air	Loop		m	b
Deep	0.015	0.648	V	0.000	400.000	mmho/m	632.616	-9.730
Medium	0.029	0.796	V	0.000	464.000	mmho/m	605.049	-17.680
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.017	0.657	V	0.000	400.000	mmho/m	625.153	-10.619
Medium	0.016	0.757	V	0.000	464.000	mmho/m	625.992	-9.739

Downhole Calibration

	Readings			References			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	2.011	405.777	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	7.590	503.393	mmho/m	1.000	0.000
LL3		7.500	V		1500.000	Ohm-m		
		0.000	V		20.000	Ohm-m		
		-7.200	V		3800.000	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: 002 Model: PRB
 Performed Mon Apr 02 18:34:45 2012

Litho Density Calibration

	Background	Magnesium	Aluminum	Sandstone	
Window 1	870.3	7347.3	2308.1	8190.4	cps
Window 2	820.7	6010.4	1961.8	6596.5	cps
Window 3	670.4	3295.4	1229.9	3546.4	cps
Window 4	200.2	200.9	202.7	203.6	cps
Long Space	0.0	5189.7	1141.2	5775.9	cps
Short Space	1.1	1012.5	681.4	1078.9	cps
Rho		1.7100	2.5900	1.3800	g/cc
Pe			2.5700	1.5500	
Rib Angle	: 45.3	Rib Slope	: 1.012	Density/Spine Ratio	: 0.562
Spine Angle	: 75.3	Spine Slope	: 3.825	Spine Intercept	: -17.9

Caliper

Low Ref 3.7
High Ref 6.1
Gain: 2.5

Reference
8.0
14.0

Offset: -1.3

Compensated Neutron Calibration Report

Serial Number: 6I
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: Mon Jun 13 16:56:43 2011

Calibrator Value: 150.0 GAPI

Background Reading: 0.0 cps
Calibrator Reading: 175.0 cps

Sensitivity: 0.8371 GAPI/cps