Patterson

Company	XTO Energy Inc.
Well	Hill Ranch 36-04
Field	Purgatoire River
County	Las Animas
State	Colorado

Company XTO E

Well Hill Ra

Field Purgat

County Las An

Location:

12

SEC 36

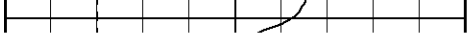
Permanent Datum

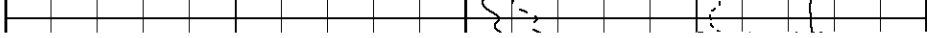
Log Measured From

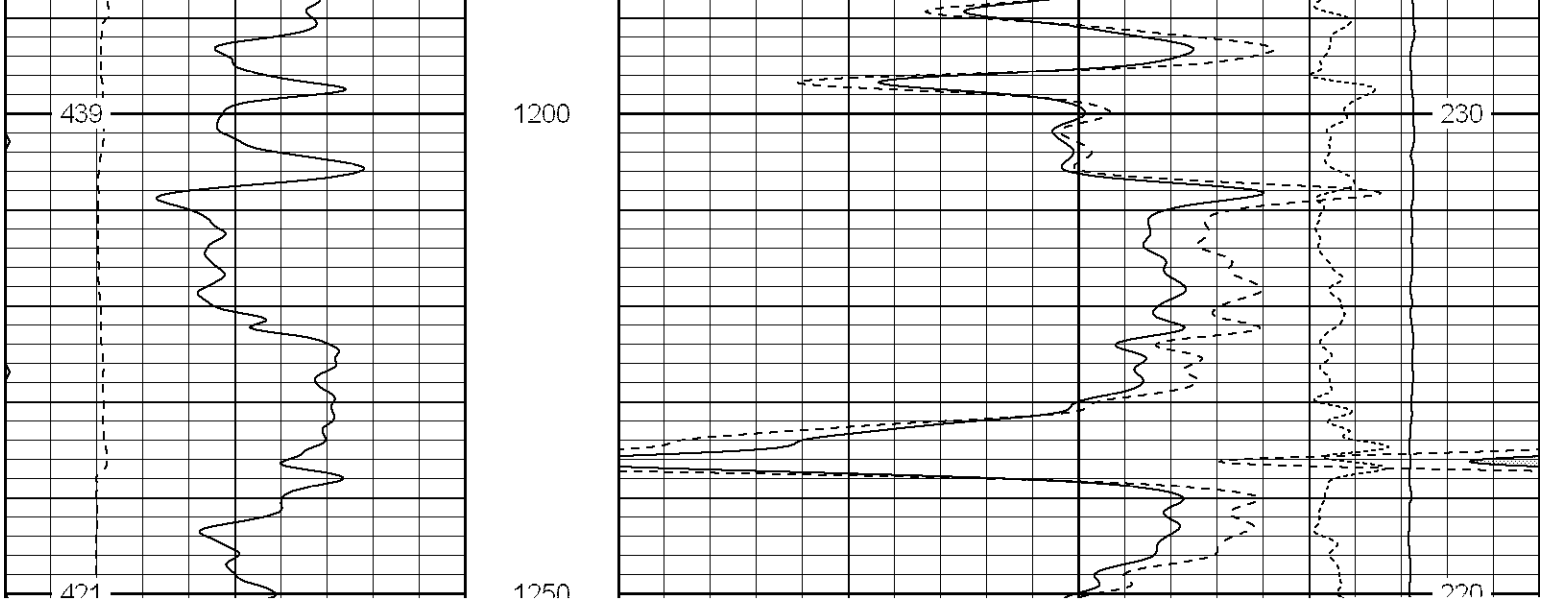
Drilling Measured From

Date	09-
Run Number	C
Depth Driller	2
Depth Logger	2
Bottom Logged Interval	2
Top Log Interval	Surfac
Casing Driller	8 5/8"
Casing Logger	8
Bit Size	7
Type Fluid in Hole	W
Density / Viscosity	
pH / Fluid Loss	
Source of Sample	
Rm @ Meas. Temp	
Rmf @ Meas. Temp	
Rmc @ Meas. Temp	
Source of Rmf / Rmc	
Rm @ BHT	
Time Circulation Stopped	3:3
Time Logger on Bottom	5:5
Maximum Recorded Temperature	1
Equipment Number	T
Location	Trin
Recorded By	L. S
Witnessed By	Mr. Don

Database File:	xtohr3604.db
Dataset Pathname:	pass2.1
Presentation Format:	cdl
Dataset Creation:	Sat Sep 02 07:19:57 2006 by Calc Warrior 7.0 STD Ope



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1250
230
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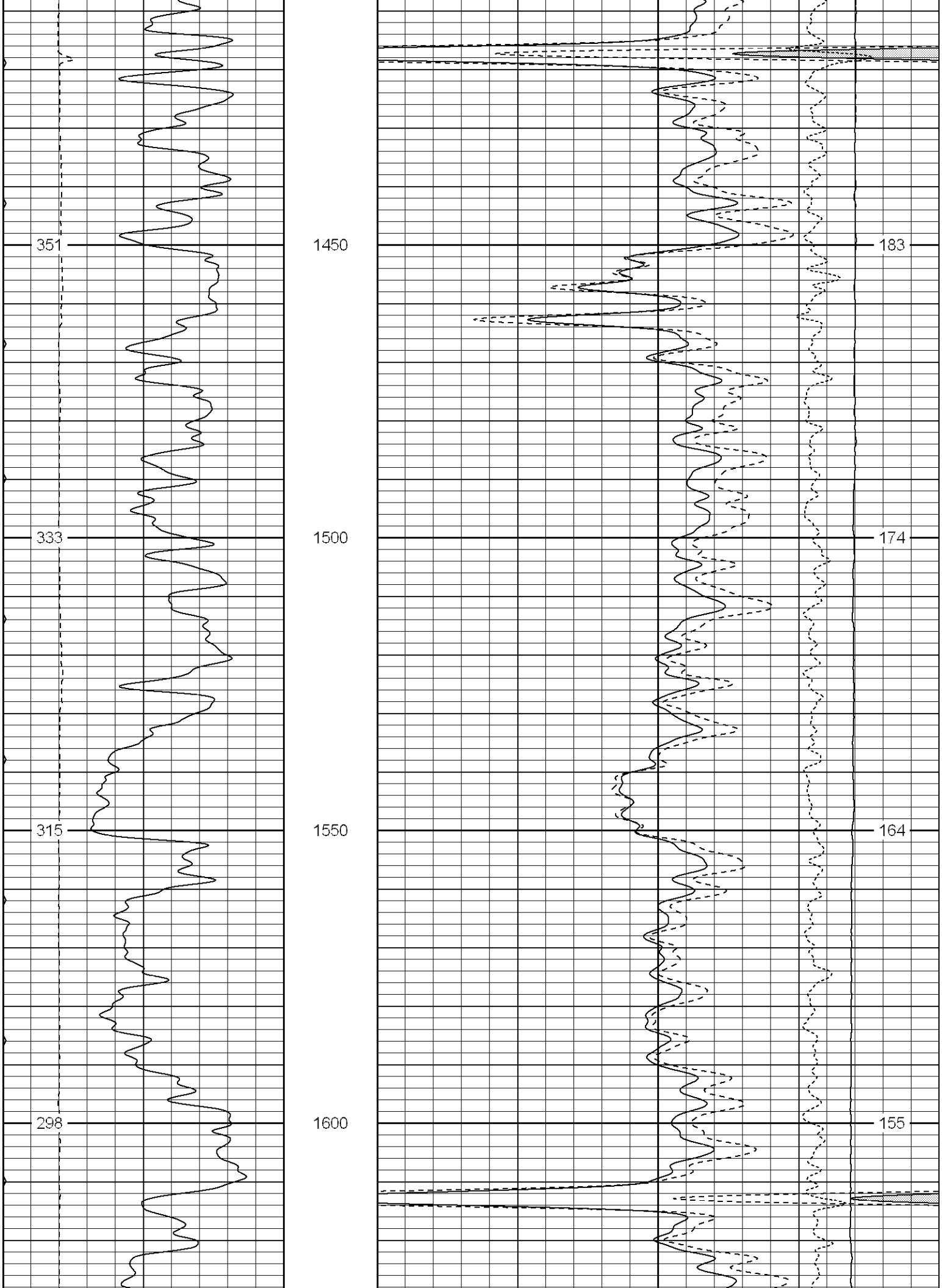
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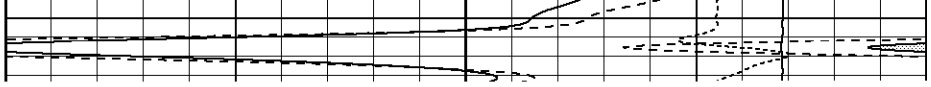

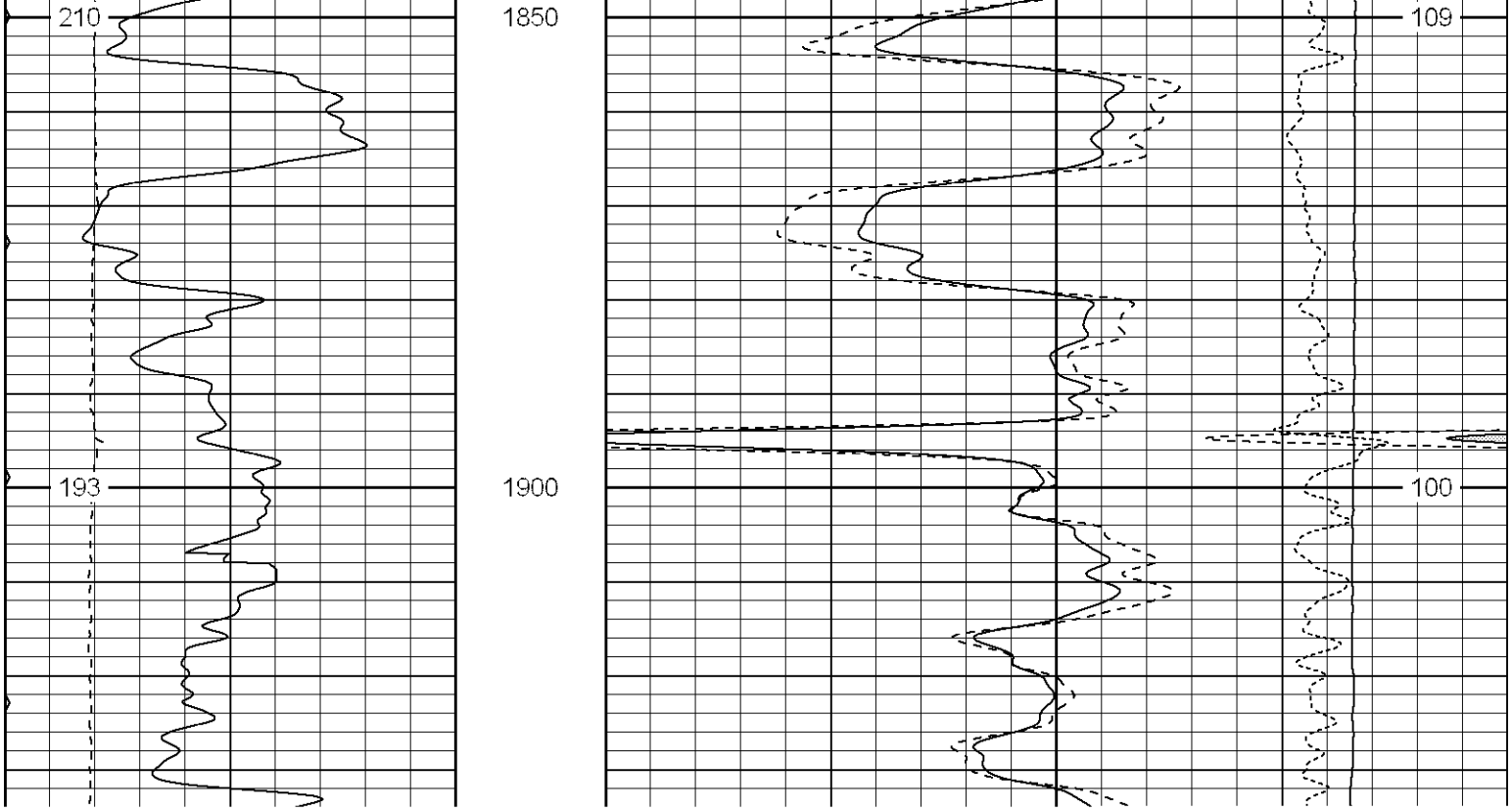
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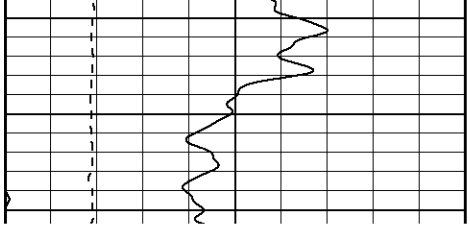
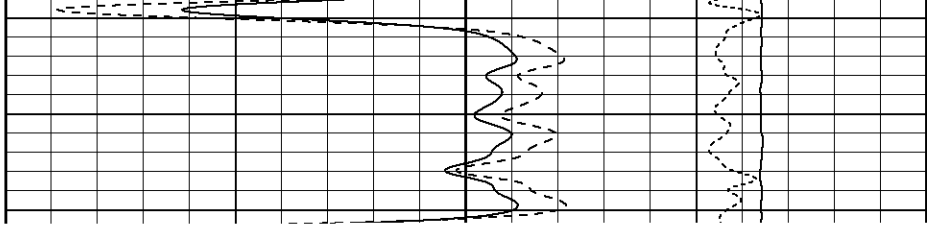
193
1850
1900
109
100





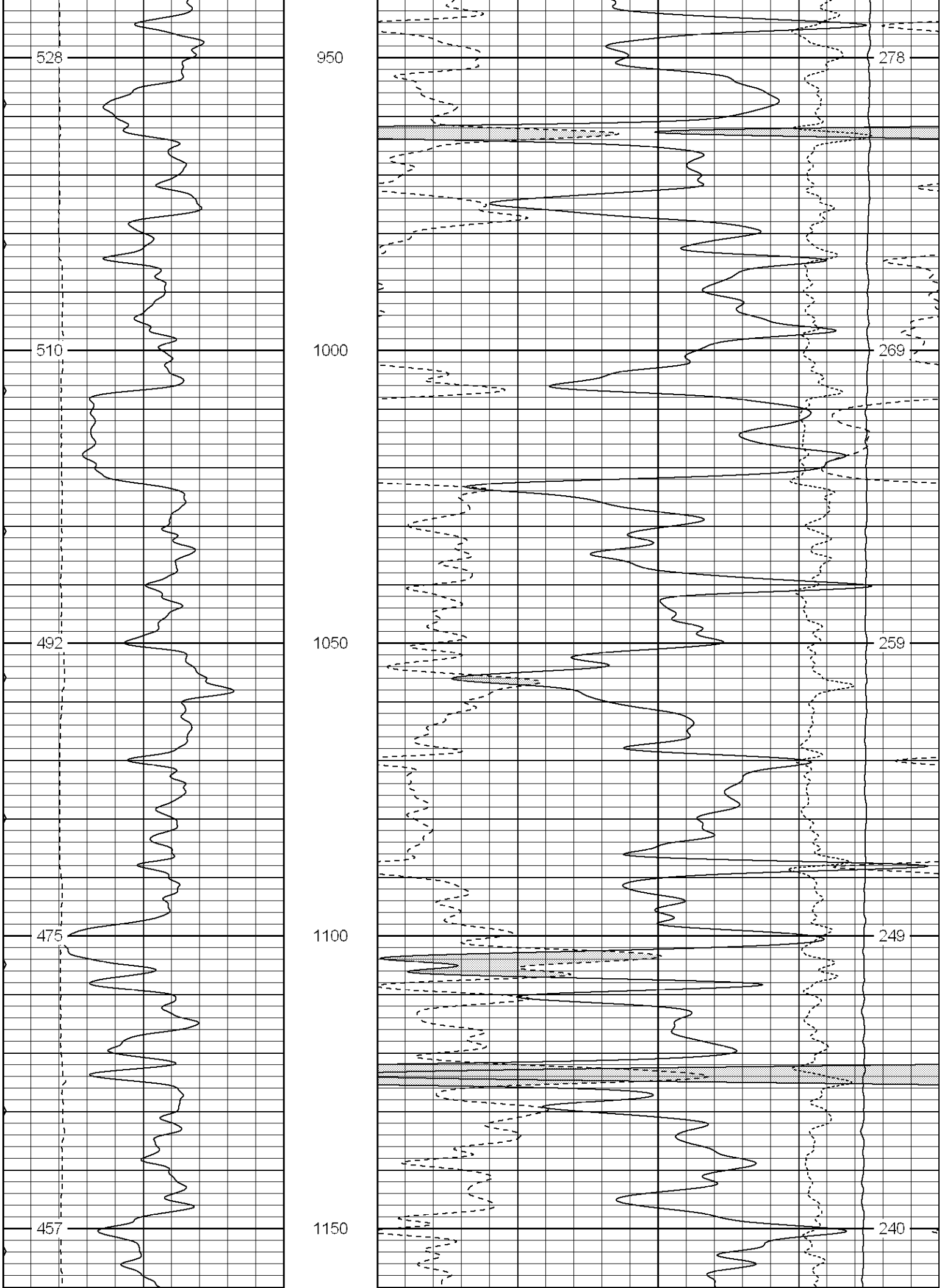
4000	LTEN (lb)	0

Patterson

Main Pass

Database File:	xtohr3604.db
Dataset Pathname:	pass2.1
Presentation Format:	cdnl
Dataset Creation:	Sat Sep 02 07:19:57 2006 by Calc Warrior 7.0 STD Ope
Charted by:	Depth in Feet scaled 1:240

0	GR (GAPI)	200	20	NPOR (pu)	10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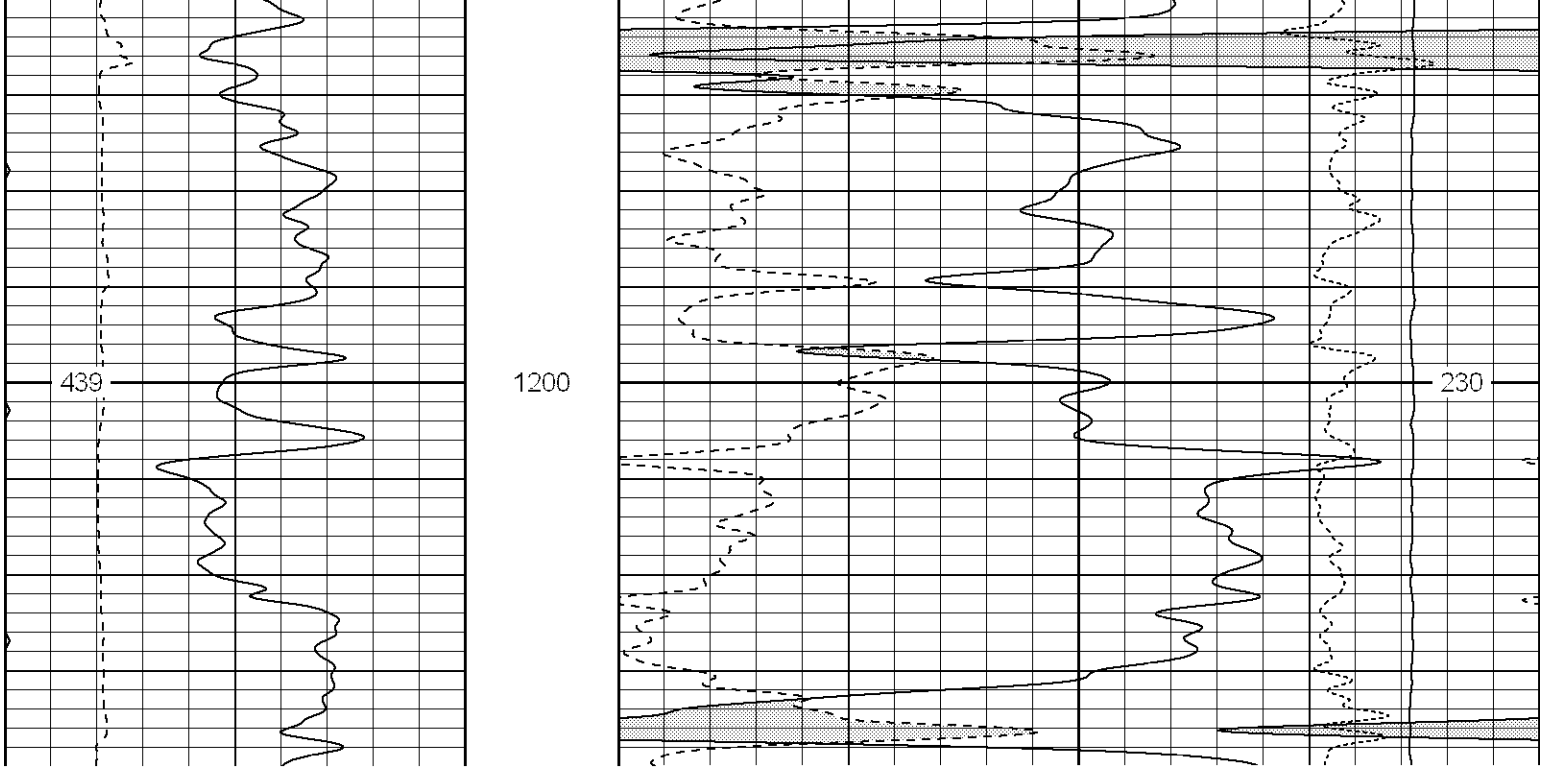
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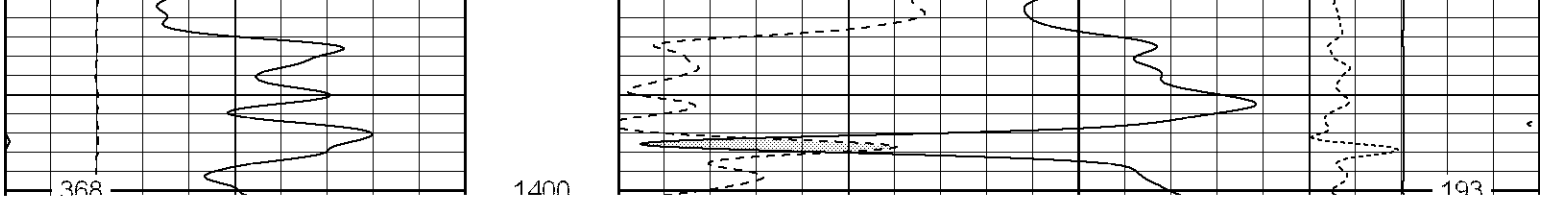
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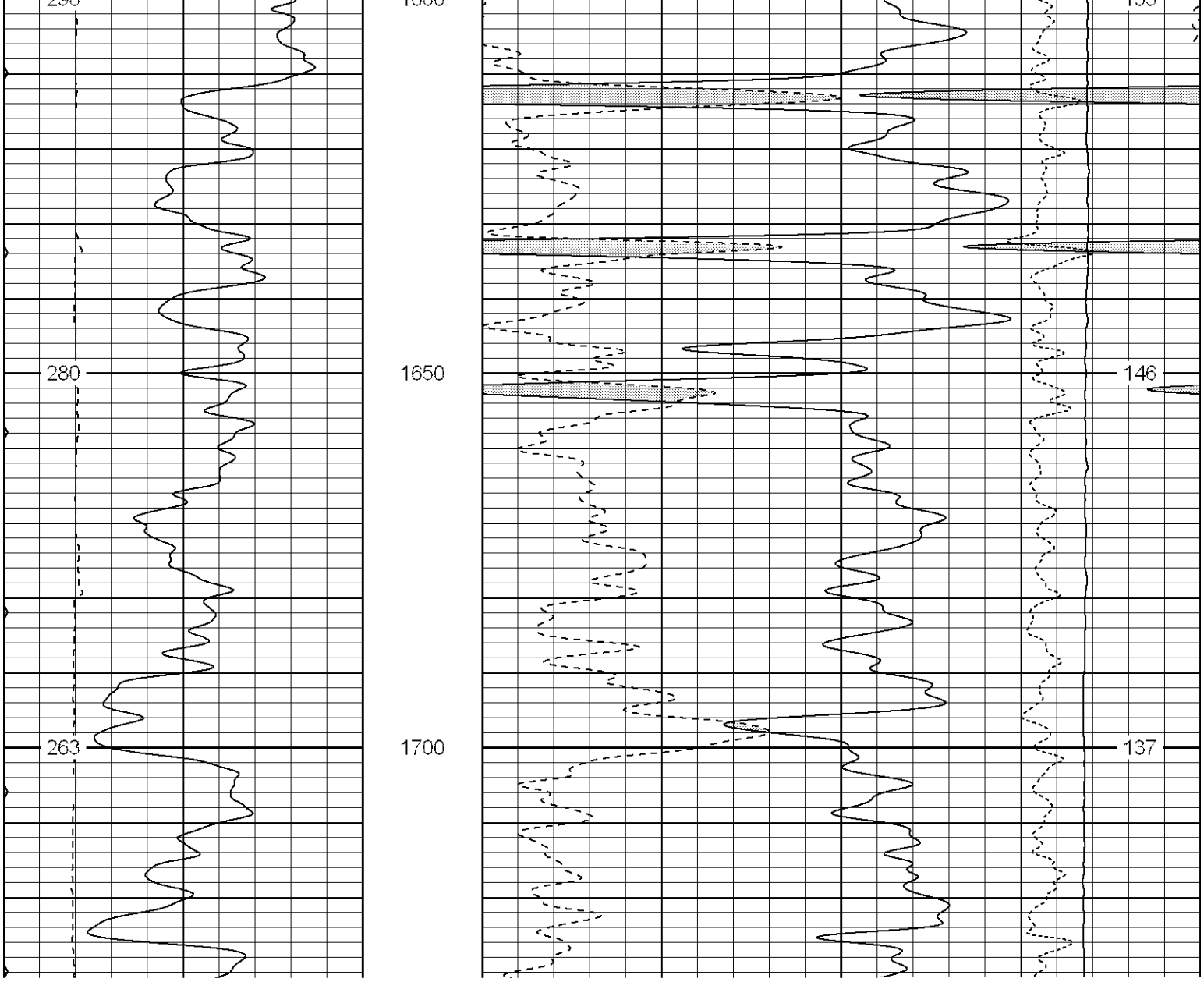
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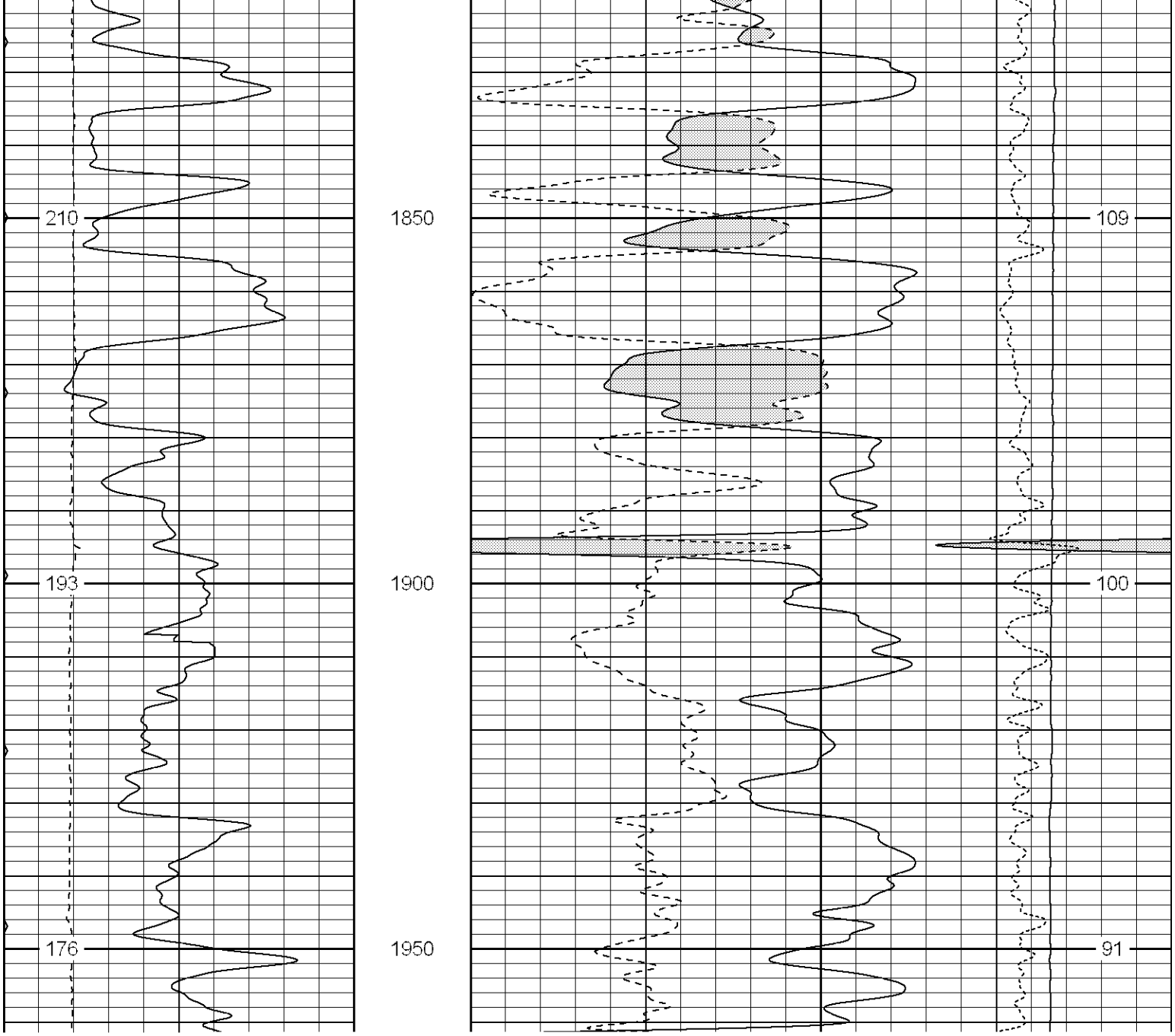
263
1650
1700
146
137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1850
1900
1950
109
100
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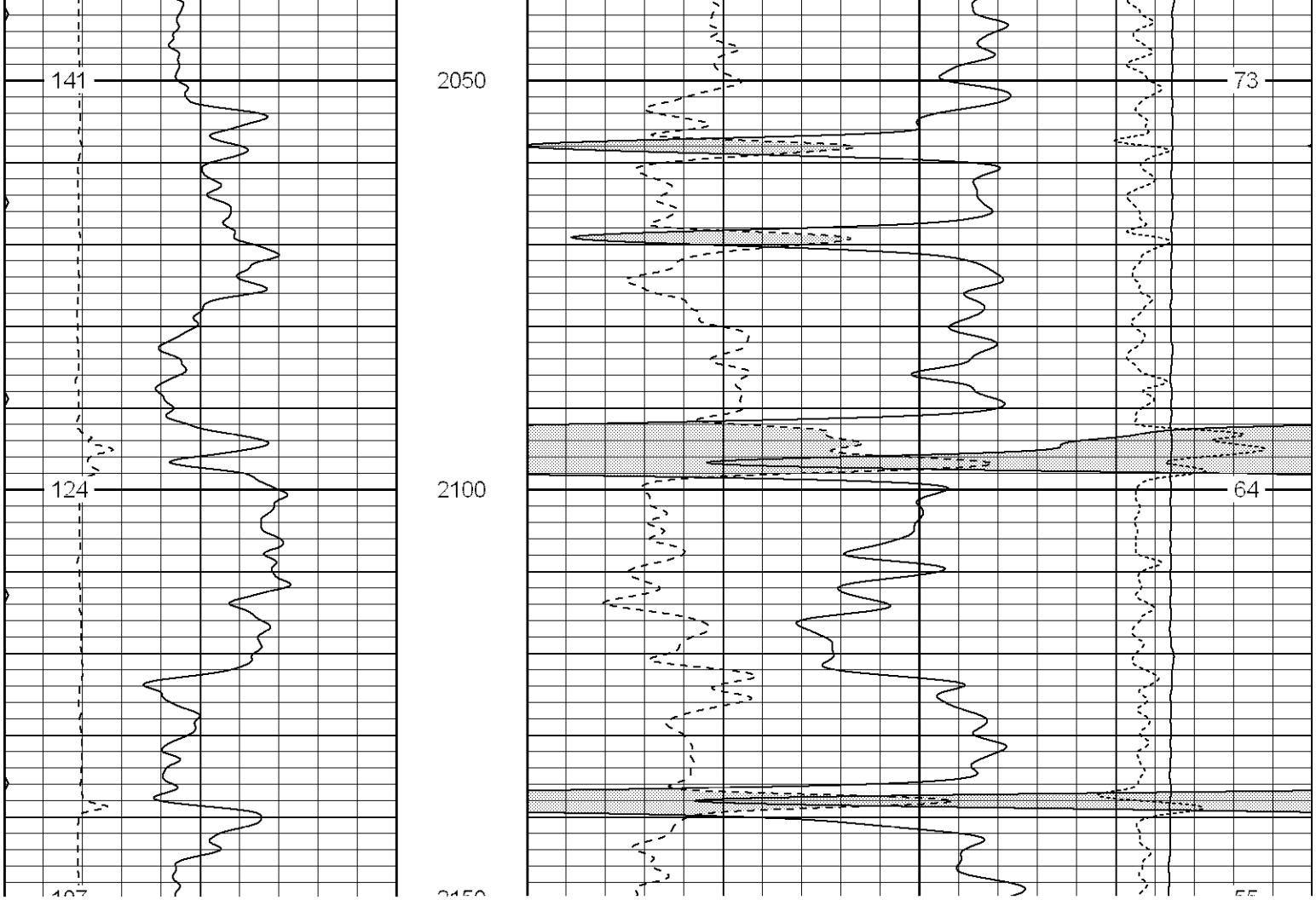
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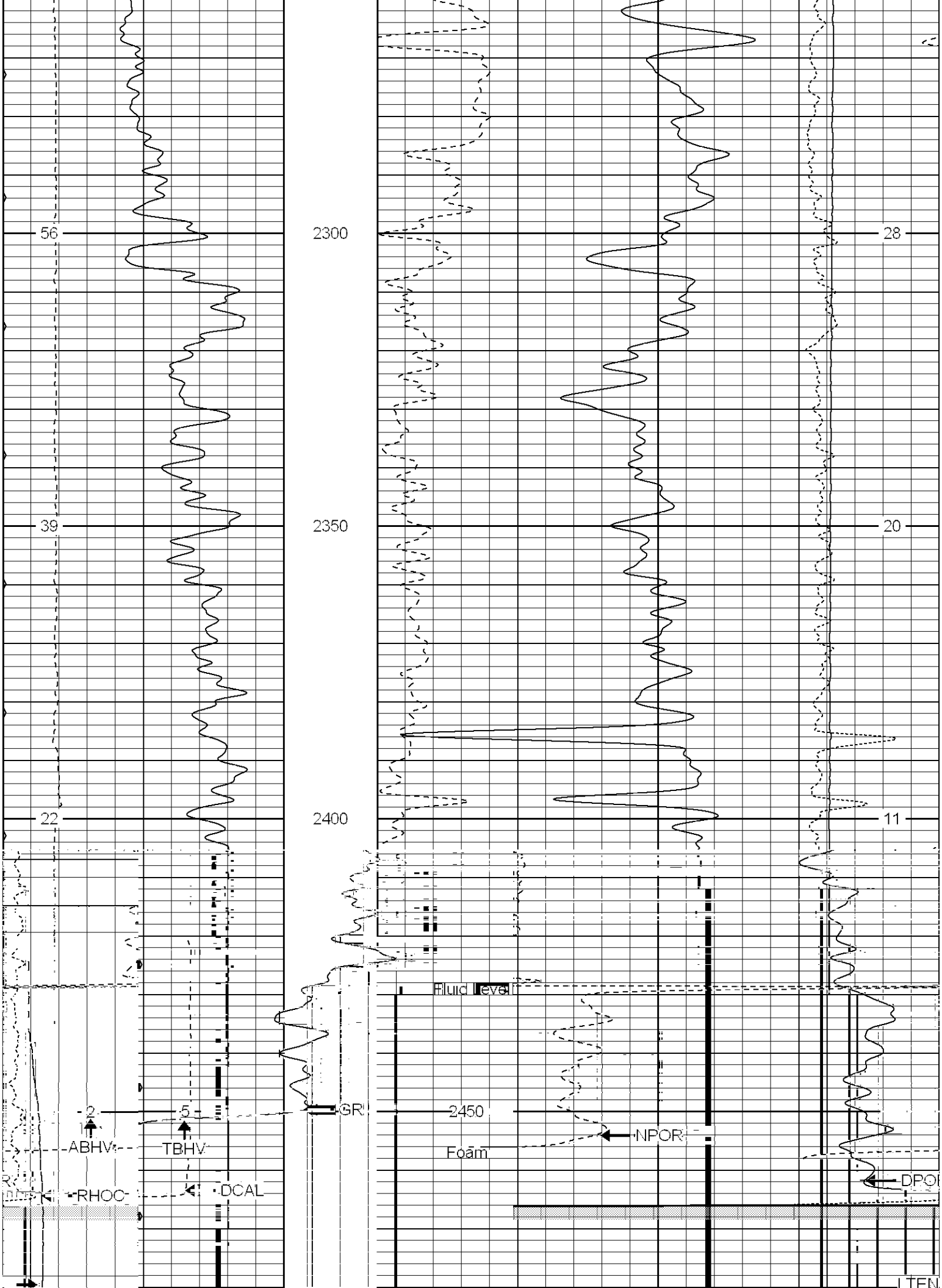
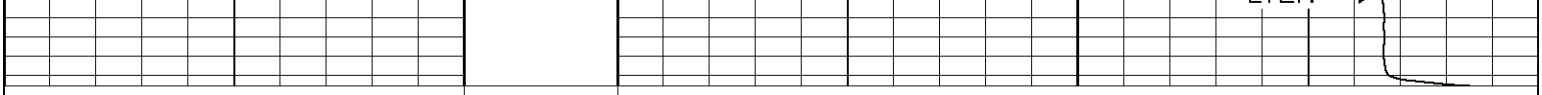
124
2050
2100
73
64


56
39
22
2300
2350
2400
2450
28
20
11
Fluid Level
GR
ABHV
TBHV
RHOC
DCAL
NPOR
Foam
DPOR
TEN

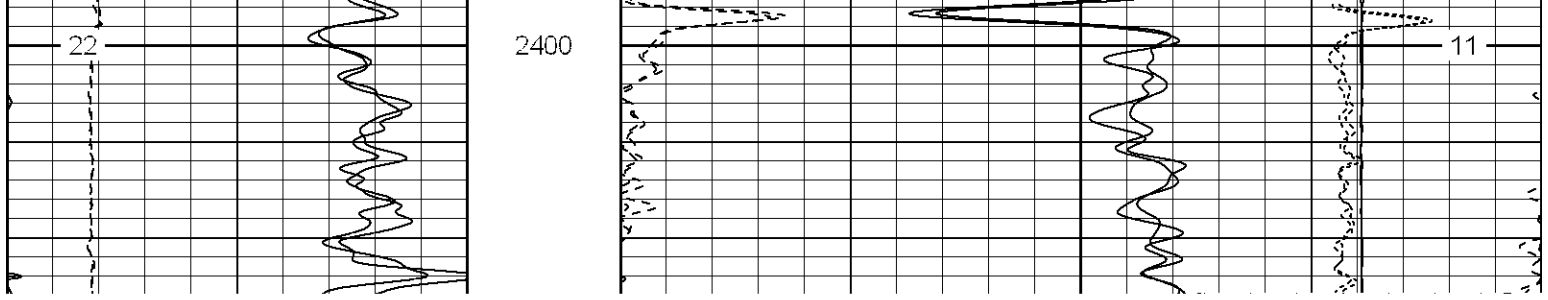


0	GR (GAPI)	200
6	DCAL (in)	16
0	MINMK	80

30	NPOR (pu)	-10
30	DPOR (pu)	-10
-0.5	RHOC (g/cc)	0.5
4000	LTEN (lb)	0

Patterson

Repeat Pass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2400
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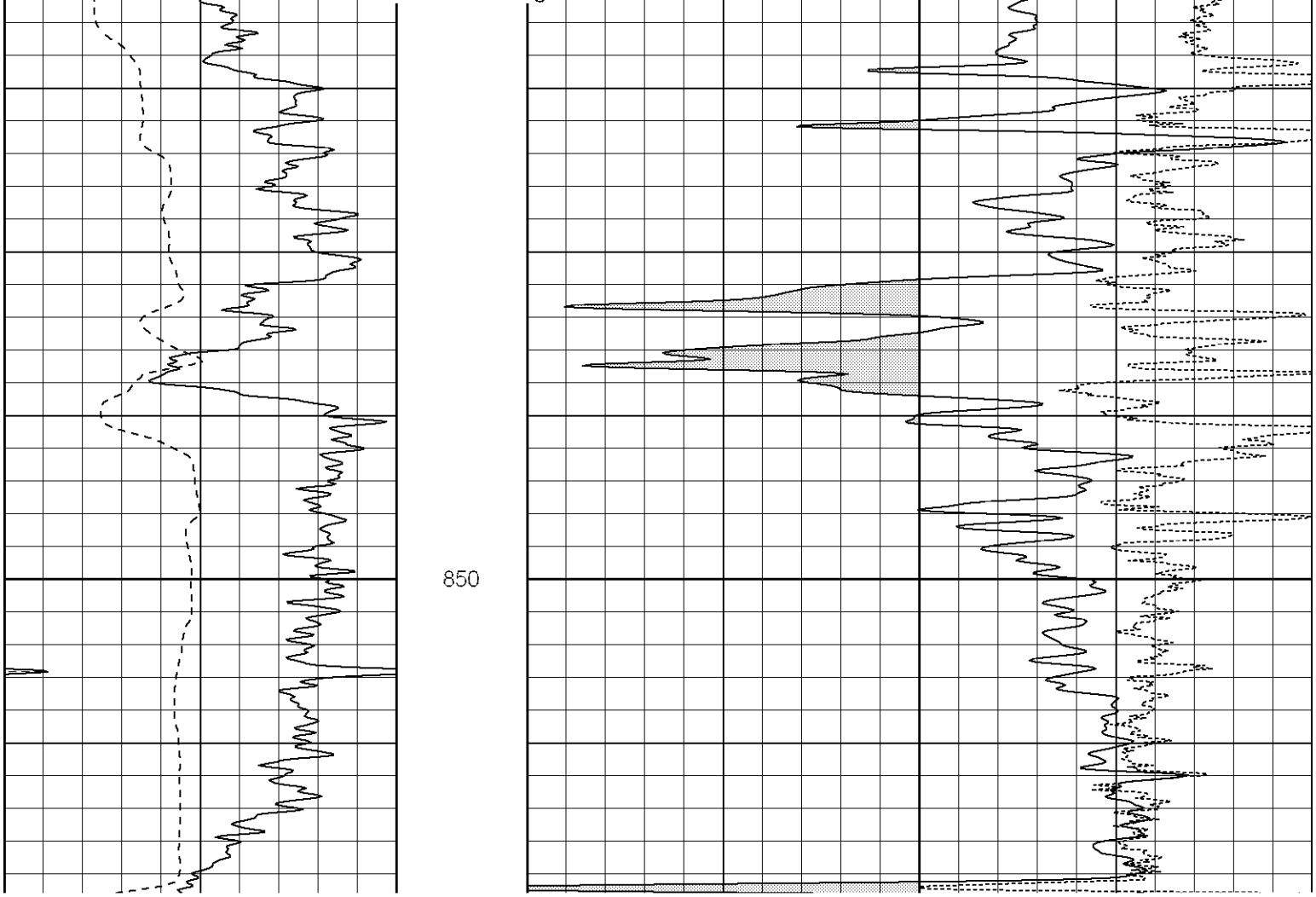
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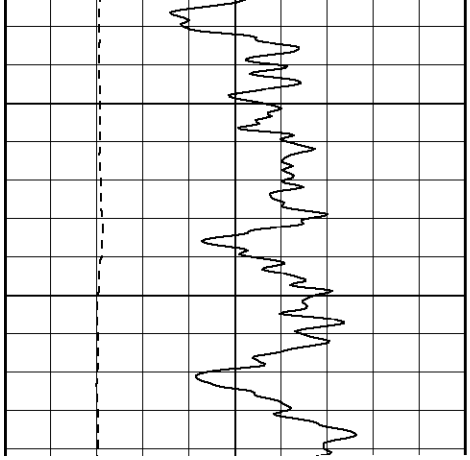

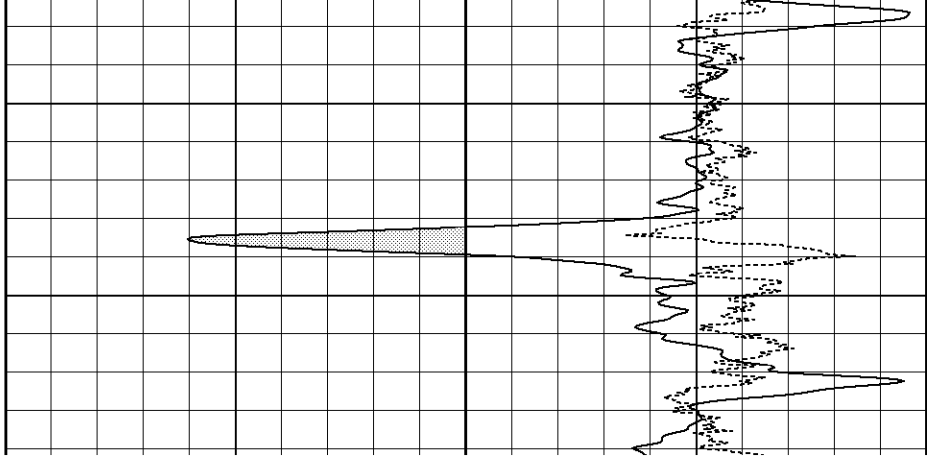

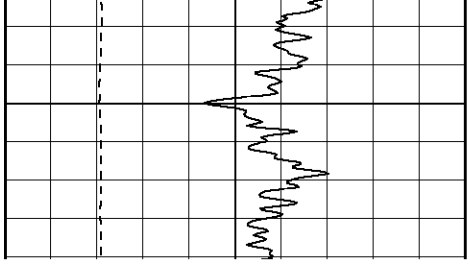

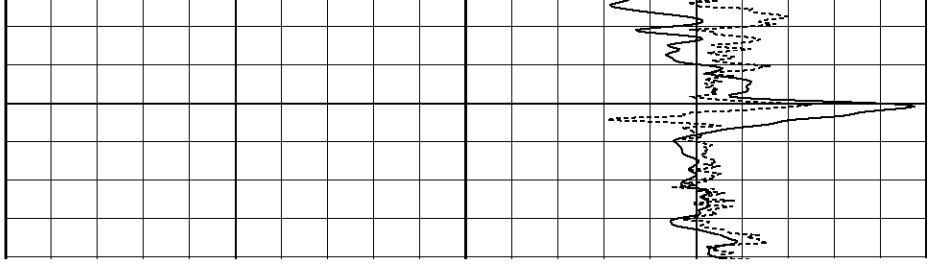

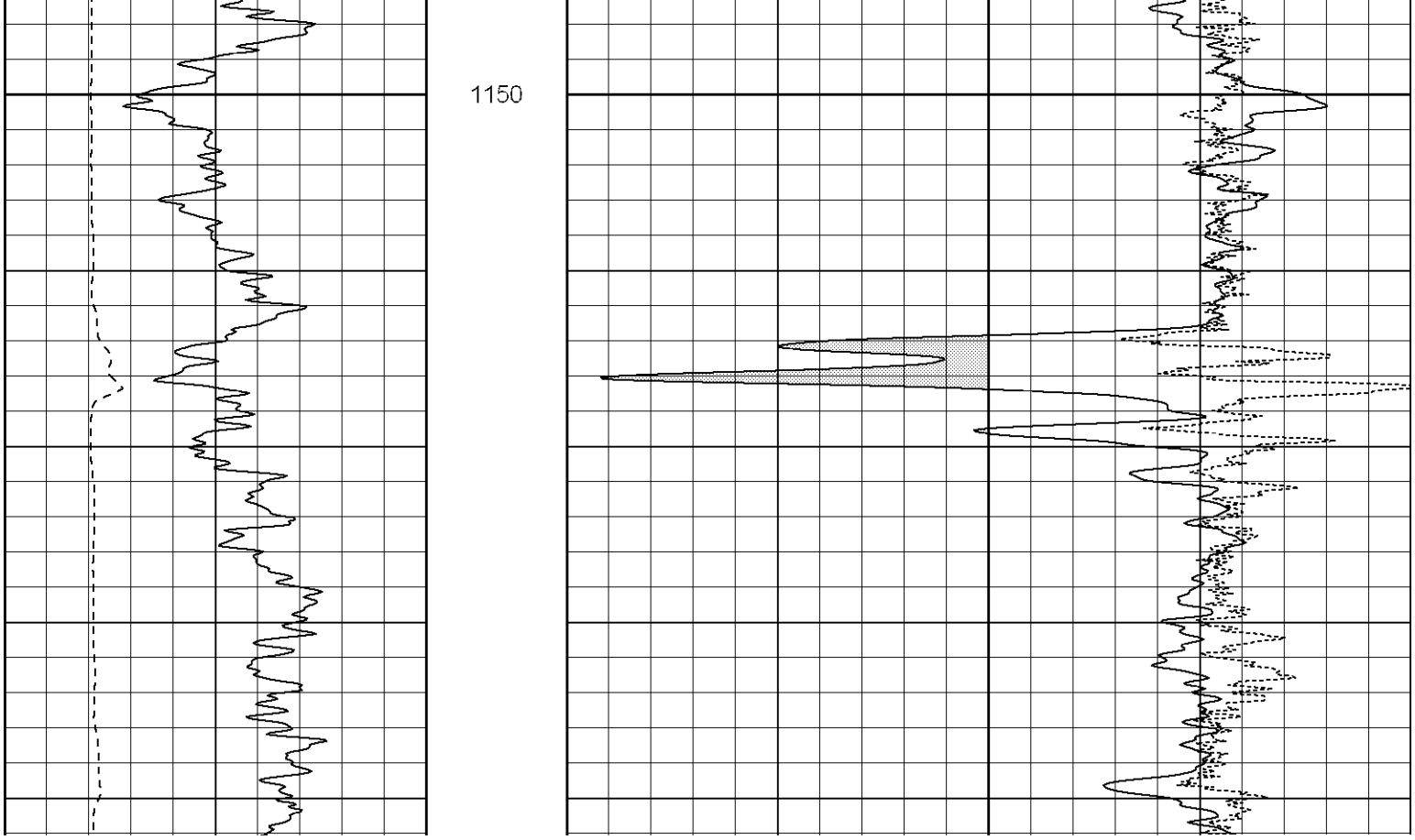
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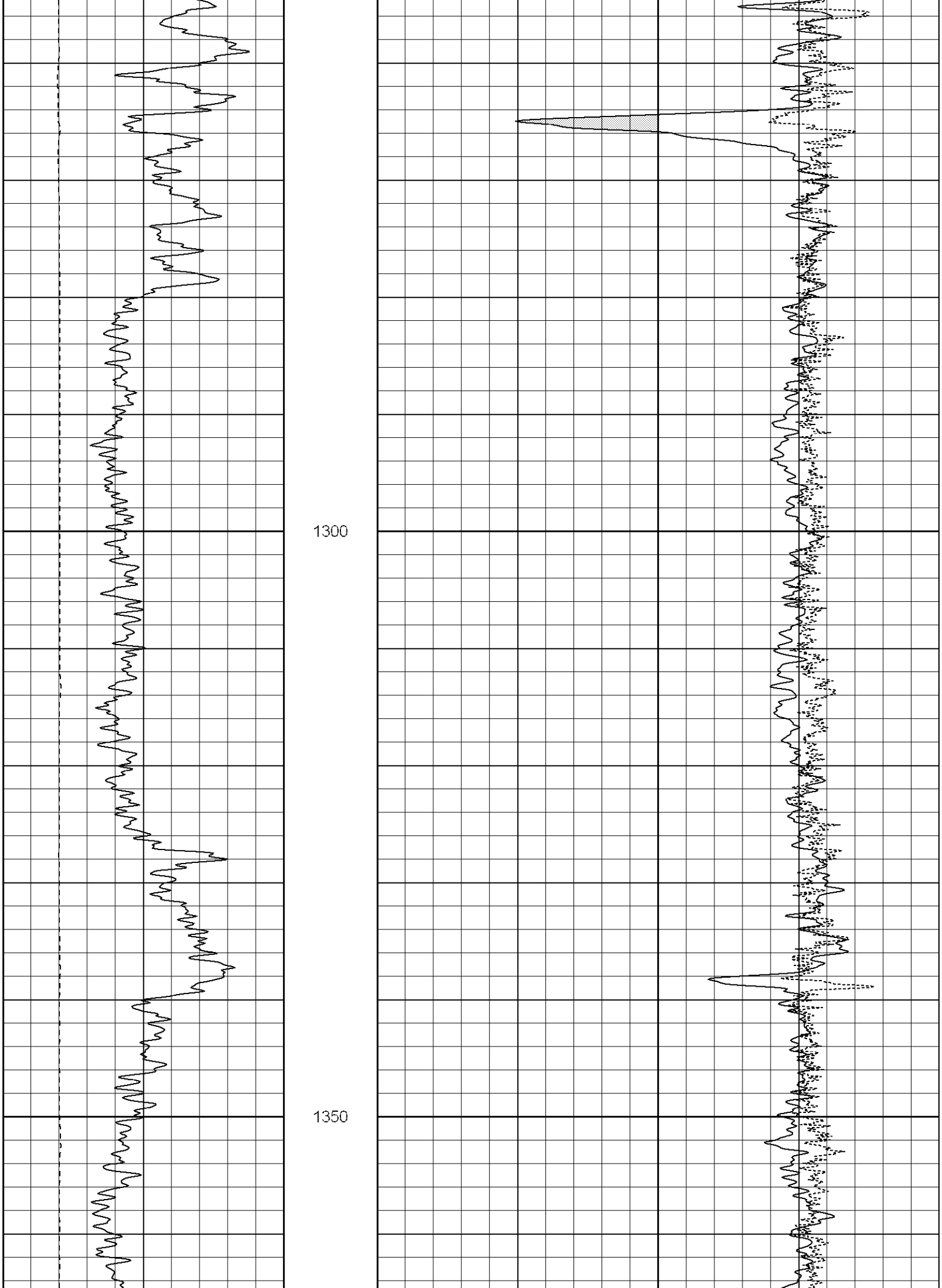
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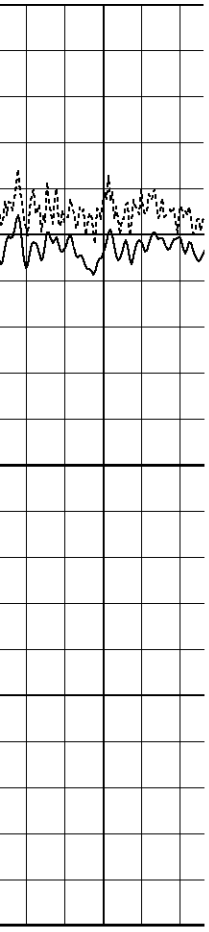
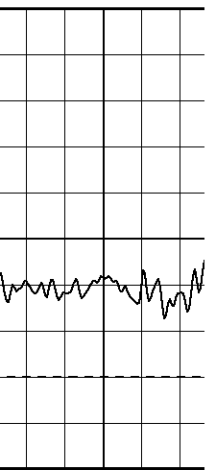
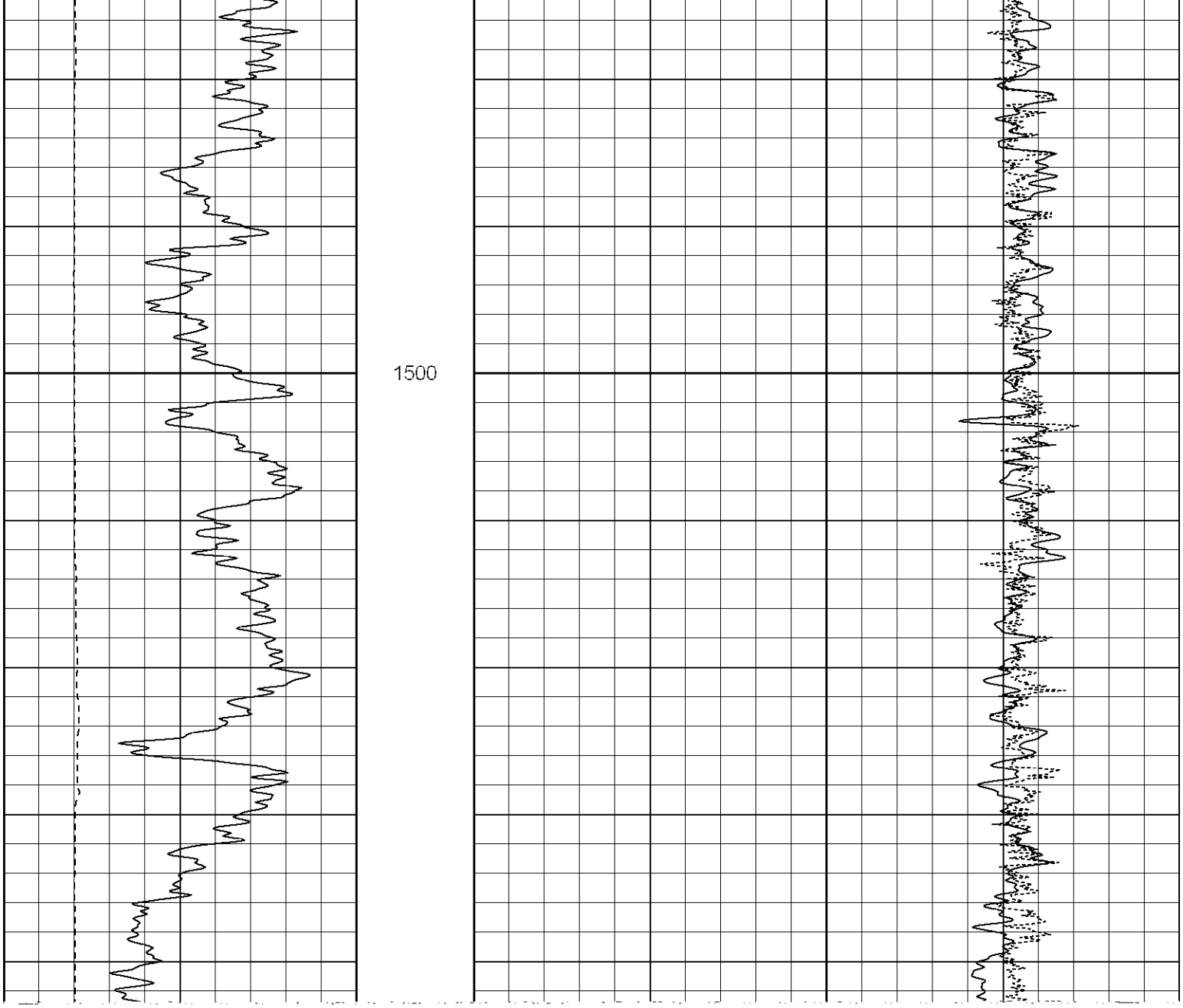
1350



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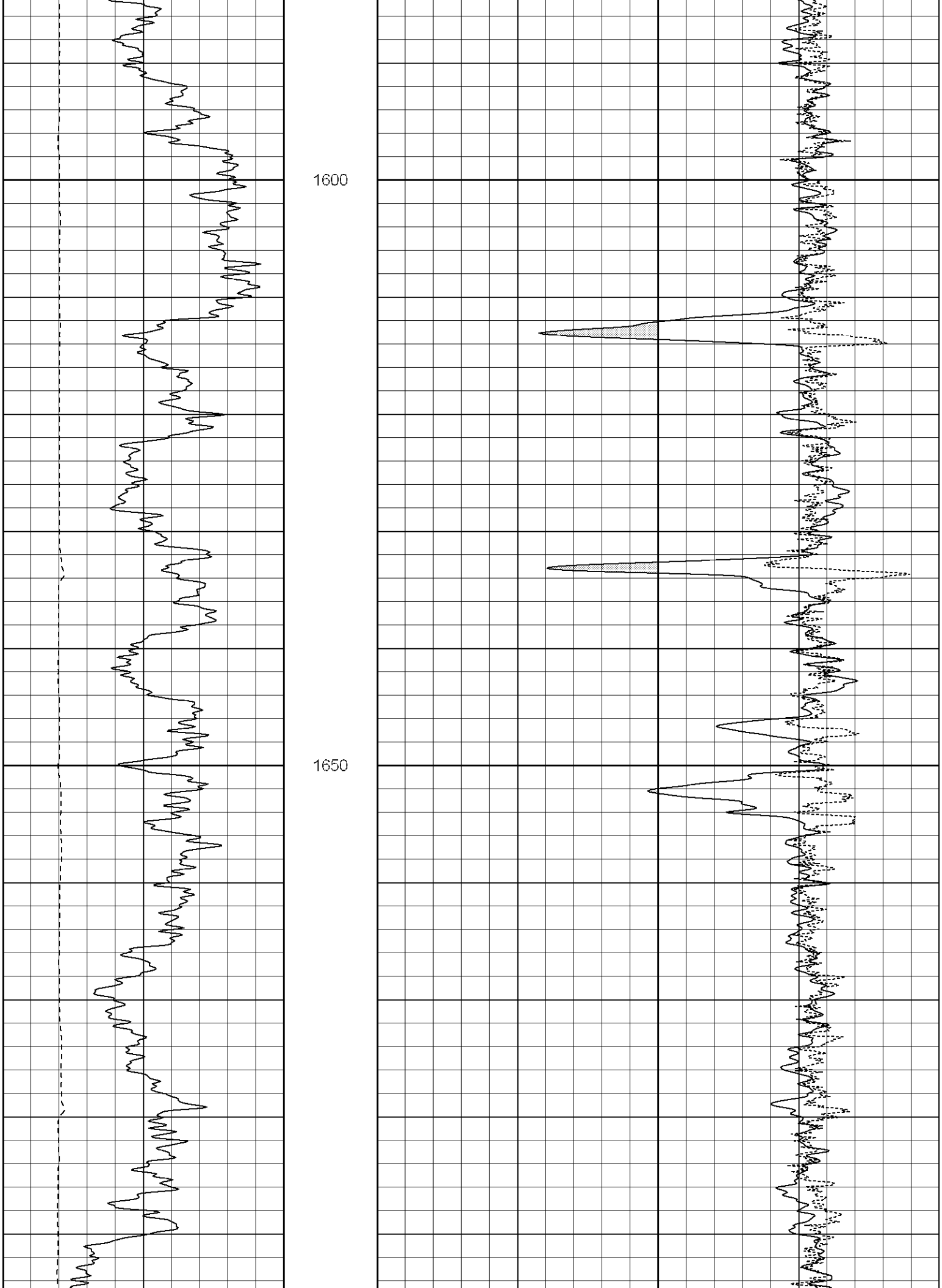
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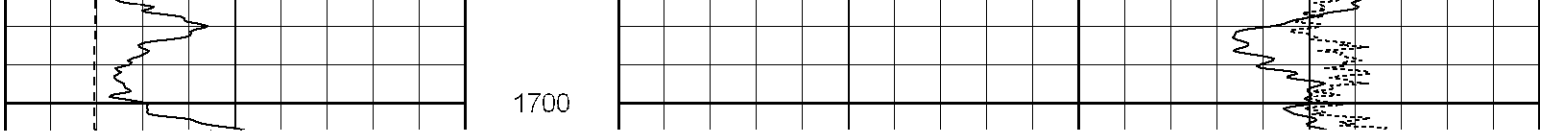
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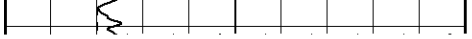

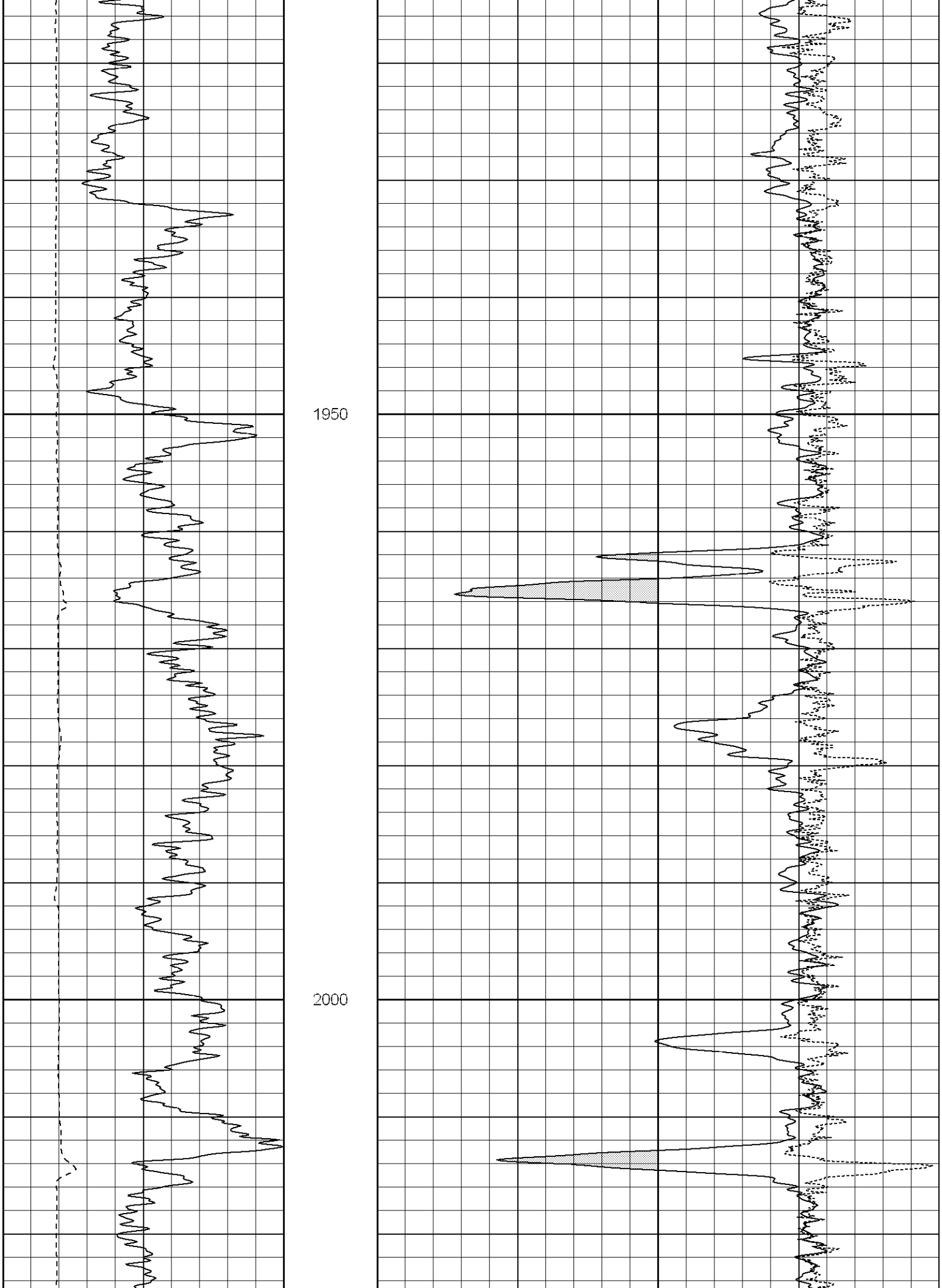
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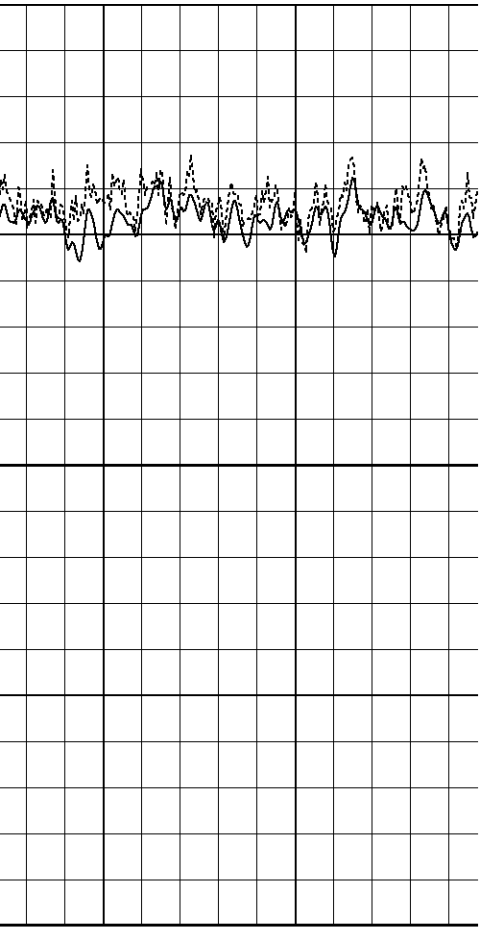

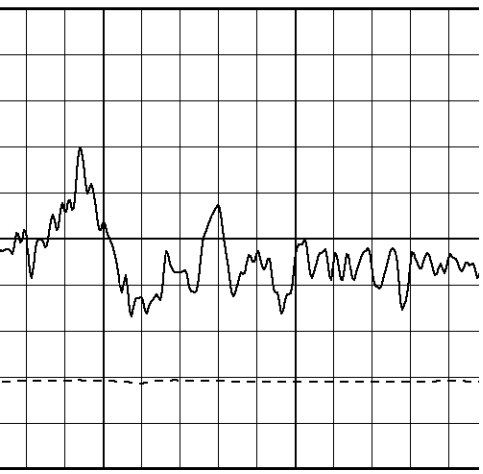

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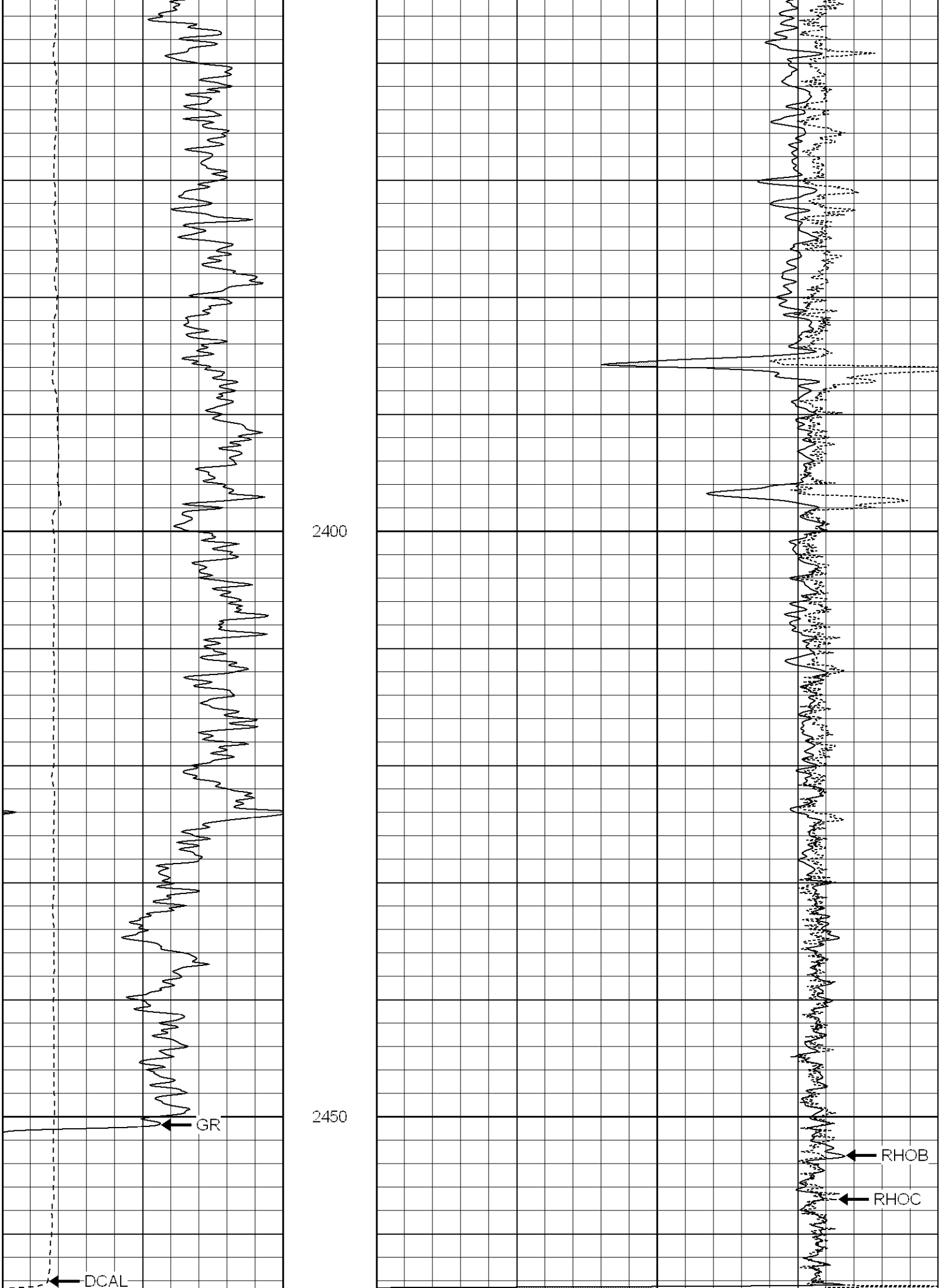
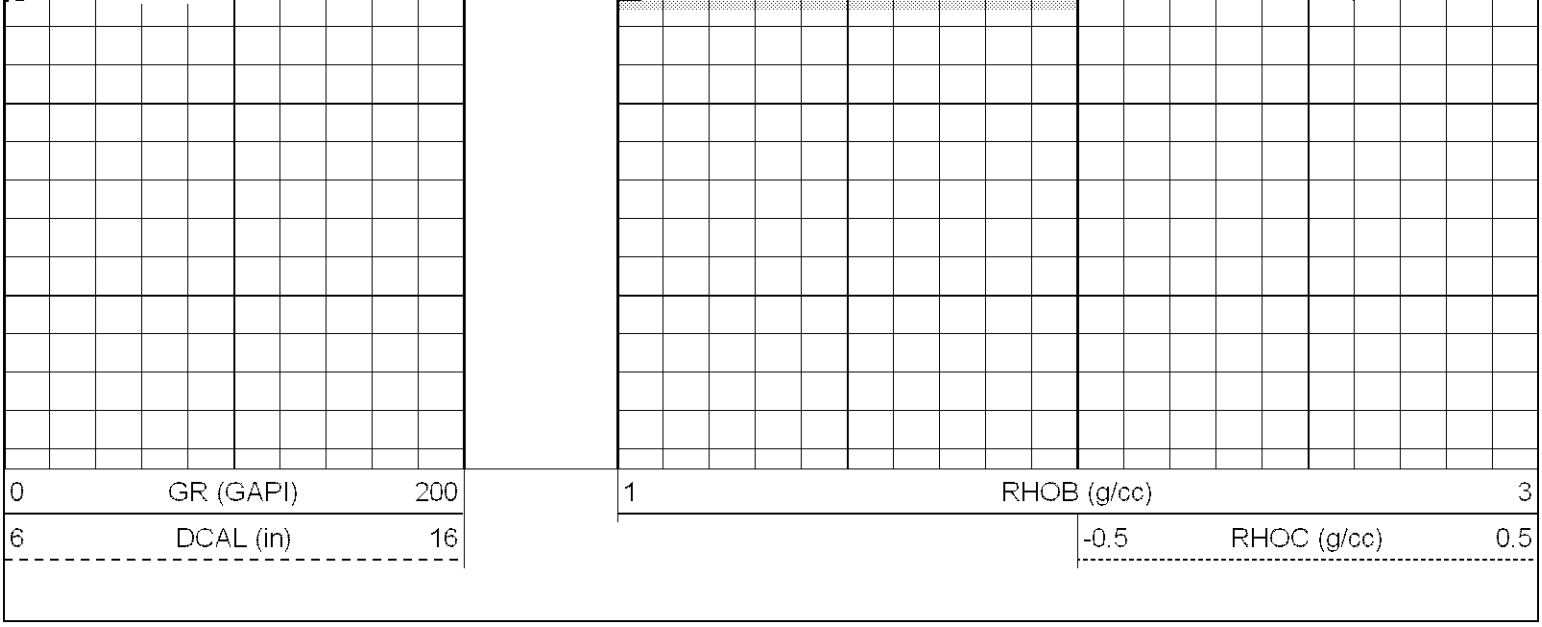

2400
2450
GR
DCAL
RHOB
RHOC



Dual Induction Calibration Report

Serial-Model:	5375-G
Surface Cal Performed:	Tue Aug 29 14:36:44 2006
Downhole Cal Performed:	Wed Aug 30 16:26:38 2006

Surface Calibration

	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.007	0.625	V	0.000	500.000	mmho-m	808.360	-5.486
Medium	0.011	0.749	V	0.000	550.000	mmho-m	744.980	-7.825
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.007	0.625	V	0.000	500.000	mmho-m	808.488	-5.660
Medium	0.010	0.748	V	0.000	550.000	mmho-m	744.937	-7.570

Downhole Calibration

	Readings			References			Results	
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.217	498.880	mmho-m	0.173	500.094	mmho-m	1.003	-0.045

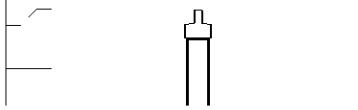
	Size		Reading	
Small Ring	8.10	in	1.84	V
Large Ring	17.00	in	4.32	V

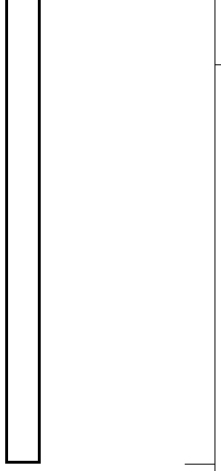
Neutron Calibration Report

Serial Number:	802	
Tool Model:	2.75POH	
Performed:	Thu Aug 24 12:48:24 2006	
Calibrator Value:	1	NAPI
Calibrator Reading:	1	cps
Sensitivity:	1	NAPI/cps

Gamma Ray Calibration Report

Serial Number:	804	
Tool Model:	2.75POH	
Performed:	Mon Aug 21 14:48:38 2006	
Calibrator Value:	1.0	GAPI
Background Reading:	0.0	cps
Calibrator Reading:	1.0	cps
Sensitivity:	0.6000	GAPI/cps

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
CHD	39.37		None	0.75	1.50	5.00
GR	37.84					



CILD SP	10.60 10.60	DIL-G (5375) Gearhart	20.83	4.00	345.00
CILM	6.89				
RLL3	1.70				

Dataset:	/field/well/run1/_plots_/_jobs_/d
Total Length:	39.37 ft
Total Weight:	577.00 lb
O.D.	4.00 in