



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1215611  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed  
Form must be Signed  
All blanks must be Filled

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

1215611

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR: \_\_\_\_\_ Producing Method:  Flowing  Pumping  Gas Lift  Other *(Explain)* \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Prairie Fire Petroleum, LLC
Well Name	Poage 1-10
Doc ID	1215611

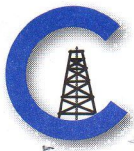
All Electric Logs Run

Micro Log
Compensated Density/Neutron Log
Dual Induction Log
Sonic Log

Form	ACO1 - Well Completion
Operator	Prairie Fire Petroleum, LLC
Well Name	Poage 1-10
Doc ID	1215611

Tops

Name	Top	Datum
Anhydrite Top	1888	+282
Anhydrite Base	1912	+258
Topeka	3222	-1052
Heebner	3420	-1250
Toronto	3446	-1276
Lansing	3461	-1291
BKC	3660	-1490
Arbuckle	3782	-1612



**CONSOLIDATED**  
Oil Well Services, LLC

**REMIT TO**  
Consolidated Oil Well Services, LLC  
Dept. 970  
P.O. Box 4346  
Houston, TX 77210-4346

**MAIN OFFICE**  
P.O. Box 884  
Chanute, KS 66720  
620/431-9210 • 1-800/467-8676  
Fax 620/431-0012

INVOICE

Invoice # 269020

Invoice Date: 06/25/2014 Terms: 10/10/30,n/30

Page 1

PRAIRIE FIRE PETROLEUM, LLC  
P.O. BOX 38  
NORTON KS 67654-0038  
(785) 874-4840

POAGE 1-10  
46837  
10-2S-21W  
06-23-2014  
KS

Part Number	Description	Qty	Unit	Price	Total
1102	CALCIUM CHLORIDE (50#)	465.00		.9400	437.10
1104S	CLASS "A" CEMENT (SALE)	165.00	18	5500	3060.75
1118B	PREMIUM GEL / BENTONITE	310.00		.2700	83.70
Sublet Performed					
9999-130	PUMP TRUCK DOWN				-1912.50
9996-130	CEMENT MATERIAL DISCOUNT				-358.16
9995-130	CEMENT EQUIPMENT DISCOUNT				-27.70
Description					
397	TON MILEAGE DELIVERY	1.00		750.75	750.75
T-118	CEMENT PUMP (SURFACE)	1.00		1150.00	1150.00
T-118	EQUIPMENT MILEAGE (ONE WAY)	55.00		5.25	288.75

# 2599  
6-30-14

Amount Due 6018.18 if paid after 07/25/2014

Parts:	3581.55	Freight:	.00	Tax:	222.42	AR	3695.11
Labor:	.00	Misc:	.00	Total:	3695.11		
Sublt:	-2298.36	Supplies:	.00	Change:	.00		

Signed \_\_\_\_\_ Date \_\_\_\_\_



269020

TICKET NUMBER 46837

LOCATION Oak Hill MS

FOREMAN 7 Miles Shaw

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT  
**CEMENT**

LIS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY	
6-23-14	6404	Poage #1-10	10	25	21W	Worton	
CUSTOMER Prairie Fire Petro		1 Worton WJ East of rd E 12 4N 12 E 12		TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS		4 1/2 W 10 S		420218	Jordan L		
CITY		STATE		397	Loeh R		
		ZIP CODE					

JOB TYPE Surface HOLE SIZE 12 1/4" HOLE DEPTH 227' CASING SIZE & WEIGHT 85/23#  
 CASING DEPTH 227' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 14.8 SLURRY VOL 1.36 WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 20'  
 DISPLACEMENT 12 1/2 bbls DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety Meeting and rig up on Vut drilling #7 Circulate casing mix 165 SKS class A Cement with 38 calcium 78 gal displace 12 1/2 bbls Water Shut in Cement did Circulate 2545 top it

Thanks Miles & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
S4015	1	PUMP CHARGE	1152.00	1152.00 ✓
S406	55	MILEAGE	5.25	288.75 ✓
S407A	7.8 Tons	Ton Mileage delivery	1.75	750.75 ✓
1102	465 #	Calcium Chloride	.94	437.10 ✓
11045	165 SKS	Class A Cement	18.55	3060.75 ✓
1104B	310 #	Bentonite #2	.27	83.70 ✓
		Pump truck break down - 9 1/2 hr rig time @ 425/hr	1912.50	1912.50 ✓
		Subtotal		3858.55 ✓
		less 10% discount		385.86 ✓
		Subtotal		3472.69 ✓
		SALES TAX		222.42 ✓
		ESTIMATED TOTAL		3695.11 ✓

AUTHORIZATION [Signature] TITLE President DATE 6/23/14

completed

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



**CONSOLIDATED**  
Oil Well Services, LLC

**REMIT TO**  
Consolidated Oil Well Services, LLC  
Dept. 970  
P.O. Box 4346  
Houston, TX 77210-4346

**MAIN OFFICE**  
P.O. Box 884  
Chanute, KS 66720  
620/431-9210 • 1-800/467-8676  
Fax 620/431-0012

INVOICE

Invoice # 269219

=====  
Invoice Date: 06/30/2014 Terms: 10/10/10,n/30 Page 1  
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PRAIRIE FIRE PETROLEUM, LLC  
P.O. BOX 38  
NORTON KS 67654-0038  
(785) 874-4840

POAGE #1-10  
46839  
10-25-21W  
06/28/2014  
KS

Part Number	Description	Qty	Unit Price	Total
1107	FLO-SEAL (25#)	76.00	2.9700	225.72
1118B	PREMIUM GEL / BENTONITE	1049.00	.2700	283.23
1131	60/40 POZ MIX	305.00	15.8600	4837.30
4432	8 5/8" WOODEN PLUG	1.00	100.7500	100.75

Sublet Performed	Description	Total
9996-130	CEMENT MATERIAL DISCOUNT	-544.70
9995-130	CEMENT EQUIPMENT DISCOUNT	-294.49

Description	Hours	Unit Price	Total
399 P & A NEW WELL	1.00	1395.00	1395.00
399 EQUIPMENT MILEAGE (ONE WAY)	55.00	5.25	288.75
460 TON MILEAGE DELIVERY	1.00	1261.15	1261.15

# 2610  
7-8-14

Amount Due 8767.73 if paid after 07/10/2014

Parts:	5447.00	Freight:	.00	Tax:	338.25	AR	7890.96
Labor:	.00	Misc:	.00	Total:	7890.96		
Sublt:	-839.19	Supplies:	.00	Change:	.00		

Signed \_\_\_\_\_ Date \_\_\_\_\_



**CONSOLIDATED**  
Oil Well Services, LLC

269219

TICKET NUMBER 46839  
LOCATION Oakley KS  
FOREMAN Mitch Shaw

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

US

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-28-14	6404	Poage #1-10	10	2S	21W	Worton
CUSTOMER <u>Prairie Fire Petro</u>			Merton #s 12E 3N 12W N.S			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY			STATE	ZIP CODE		
			399	Jeremy R		
			400	Jeff K		

JOB TYPE PTA HOLE SIZE 7 7/8 HOLE DEPTH 3852 CASING SIZE & WEIGHT \_\_\_\_\_  
 CASING DEPTH \_\_\_\_\_ DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.8 SLURRY VOL 1.40 WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_ DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting and rig up on Val Drilling Rig #7 phases ordered  
1<sup>st</sup> 50 SWS 3782  
2<sup>nd</sup> 50 SWS @ 2005  
3<sup>rd</sup> 100 SWS @ 1140  
4<sup>th</sup> 50 SWS @ 270' 305 SWS @ 400' per 48' @ 1/2" #10 steel  
5<sup>th</sup> 10 SWS @ 40'  
BH 30 SWS  
MH 15 SWS

Thanks Mitch crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5405N	1	PUMP CHARGE	1395.00	1395.00 ✓
5400	55	MILEAGE	5.25	288.75 ✓
5407A	13.1 Tons	Top mileage delivered	1.75	1261.15 ✓
1107	76 #	Floccul	2.97	225.72 ✓
1118R	1049 #	Bentonite gel	.27	283.23 ✓
1131	305 SWS	60/40 Poz	15.86	4827.30 ✓
4432	1	8 5/8 warden plug	100.75	100.75 ✓
			Subtotal	8391.90 ✓
			less 1090 discount	839.19 ✓
			Subtotal	7552.71 ✓
			SALES TAX	338.25 ✓
			ESTIMATED TOTAL	7890.96 ✓

Ravin 3737  
 AUTHORIZATION [Signature]

TITLE \_\_\_\_\_ DATE \_\_\_\_\_

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.





**COMPLETION  
& PRODUCTION  
SERVICES CO.**

**DUAL  
INDUCTION  
LOG**

Company PRAIRIE FIRE PETROLEUM, LLC.  
Well POAGE #1-10  
Field WILDCAT  
County NORTON  
State KANSAS

Company PRAIRIE FIRE PETROLEUM, LLC.  
Well POAGE #1-10  
Field WILDCAT  
County NORTON State KANSAS

Location: API # : 15-137-20702-0000  
470' FSL & 1440' FWL  
NW - SW - SE - SW  
SEC 10 TWP 2S RGE 21W  
Permanent Datum GROUND LEVEL Elevation 2160  
Log Measured From KELLY BUSHING 10' A.G.L.  
Drilling Measured From KELLY BUSHING  
Other Services  
CDL/CNL  
MEL/SON  
Elevation  
K.B. 2170  
D.F. 2168  
G.L. 2160

Date	6/28/14
Run Number	ONE
Depth Driller	3852
Depth Logger	3859
Bottom Logged Interval	3857
Top Log Interval	0
Casing Driller	8 5/8" @ 222
Casing Logger	222
Bit Size	7 7/8"
Type Fluid in Hole	CHEMICAL MUD
Density / Viscosity	9.163
pH / Fluid Loss	11.0/6.4
Source of Sample	FLOWLINE
Rm @ Meas. Temp	1.70 @ 83F
Rmt @ Meas. Temp	1.28 @ 83F
Rmc @ Meas. Temp	2.04 @ 83F
Source of Rmf / Rmc	MEASUREMENT
Rm @ BHT	1.23 @ 115F
Time Circulation Stopped	2 HOURS
Time Logger on Bottom	
Maximum Recorded Temperature	115F
Equipment Number	4010
Location	HAYS, KANSAS
Recorded By	JEFF GRONWEG
Witnessed By	STEVE MURPHY

<<< Fold Here >>>

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, KS. (785) 628-6395  
DIRECTIONS:  
NORTON, KS - EAST TO RD 12E - 4 MILES NORTH - 1/2 MILE WEST  
NORTH INTO

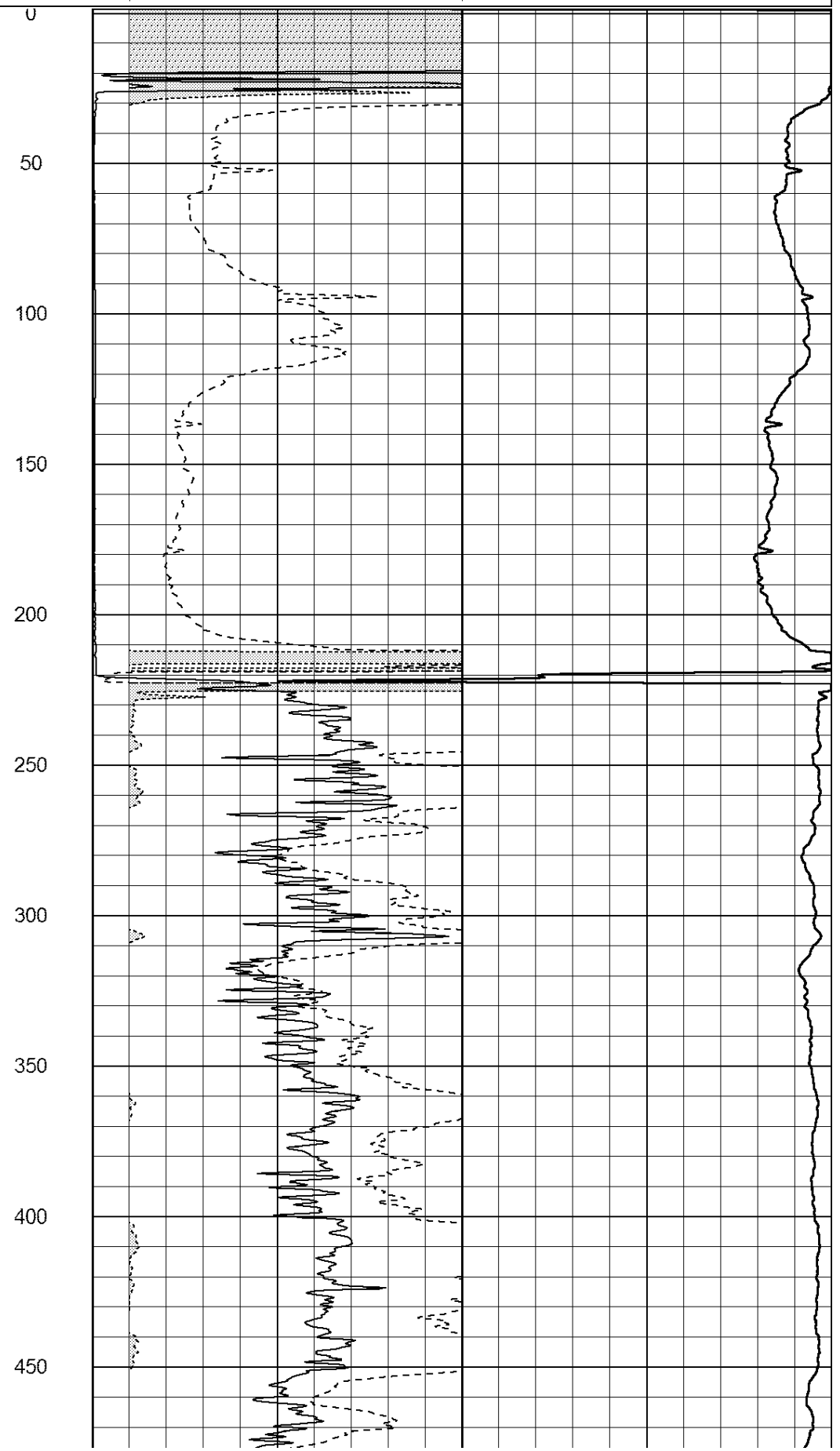
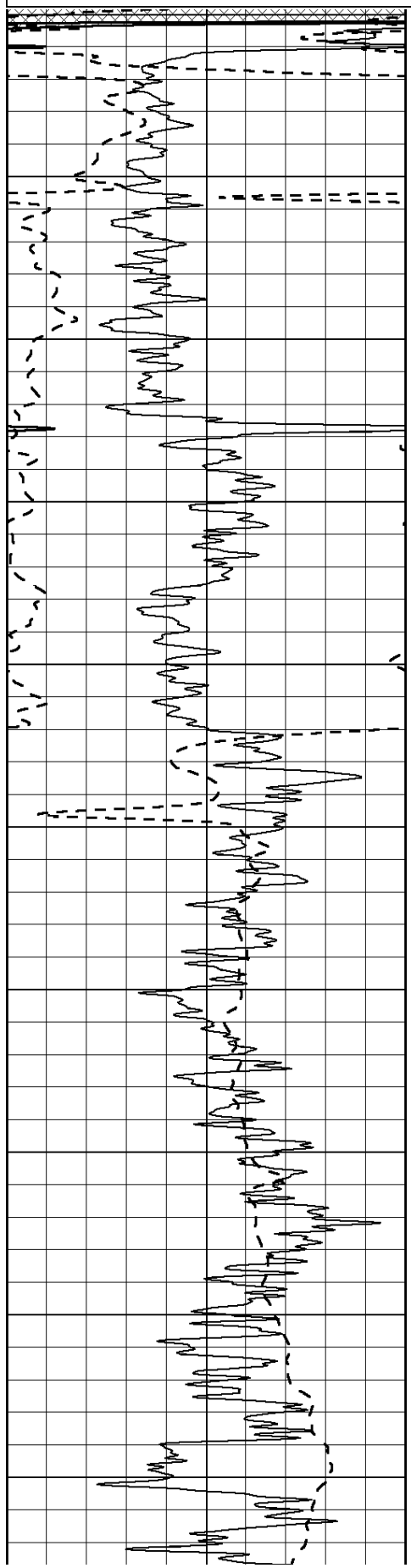
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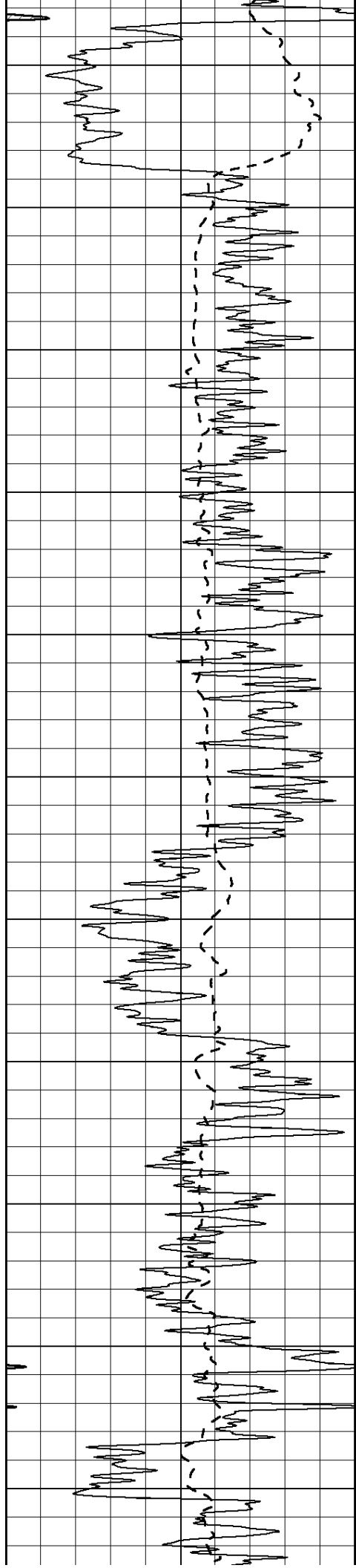
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-100	SP (mV)	100

0	RLL3 (Ohm-m)	50
0	RILD (Ohm-m)	50

1000	CILD (mmho/m)	0
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50	RILD X10 (Ohm-m)	500
50	RLL3 X10 (Ohm-m)	500





500

550

600

650

700

750

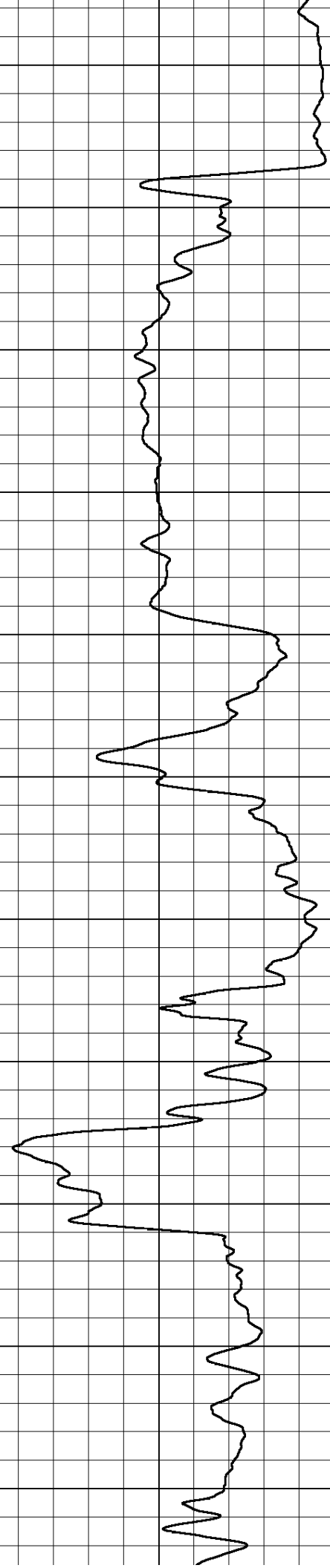
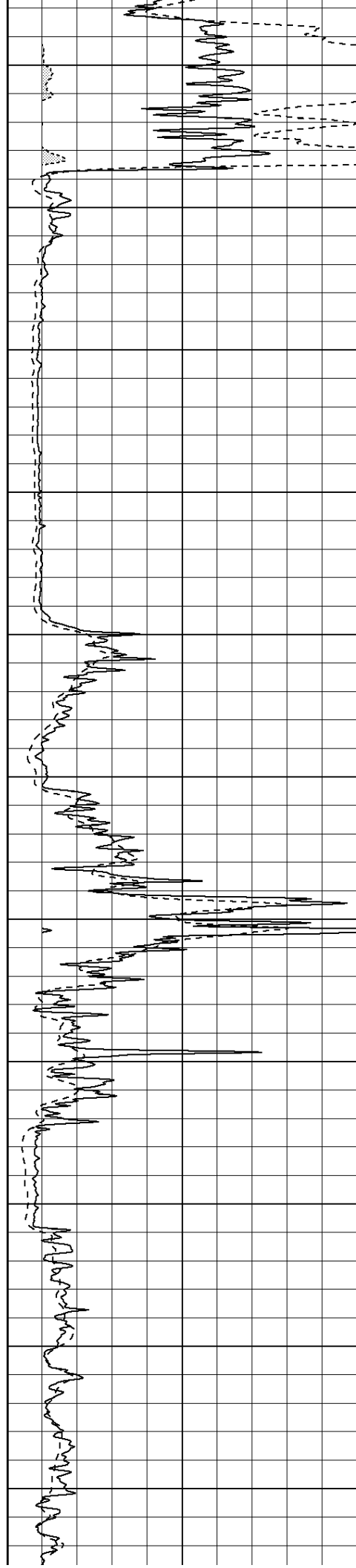
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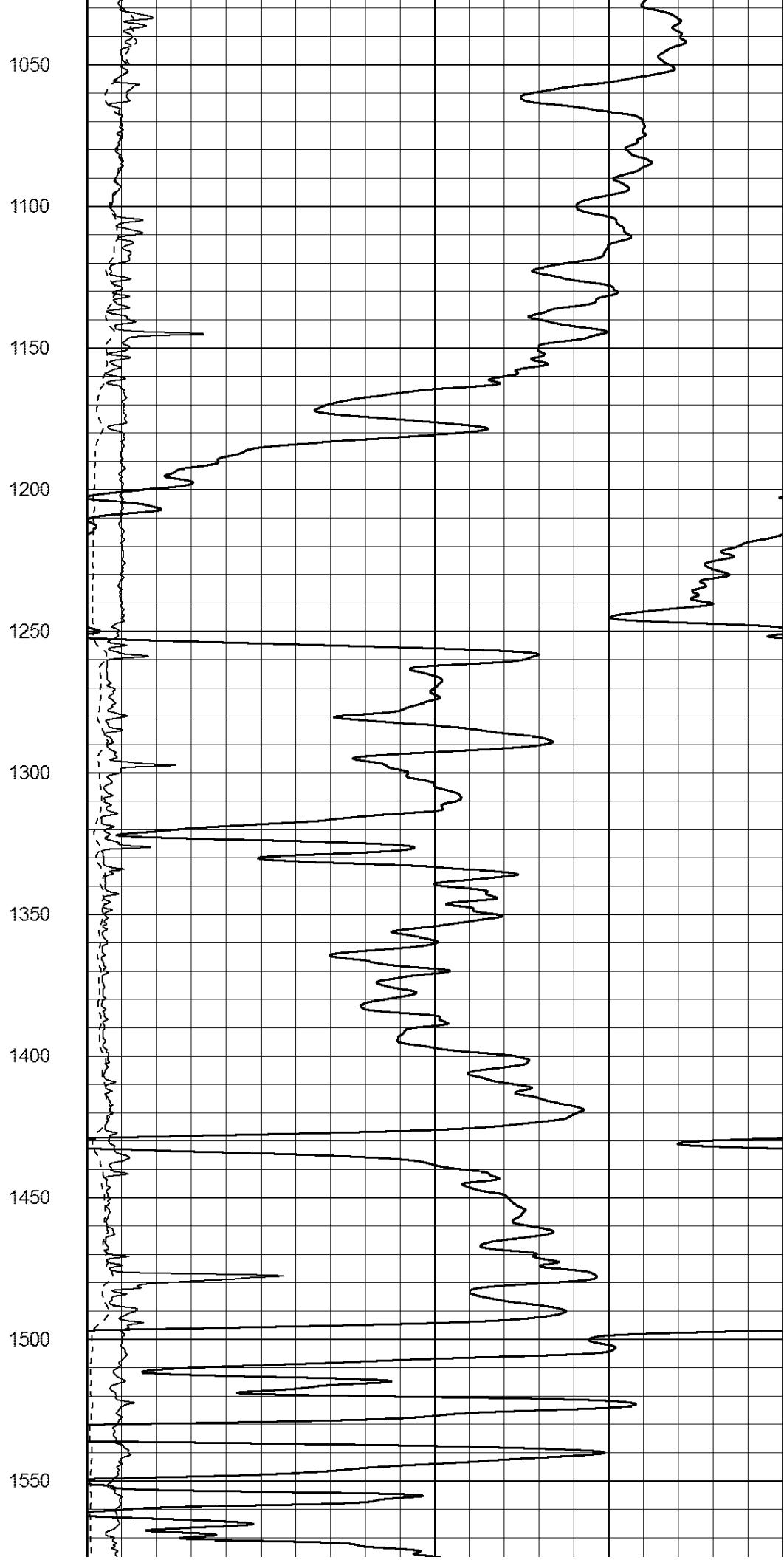
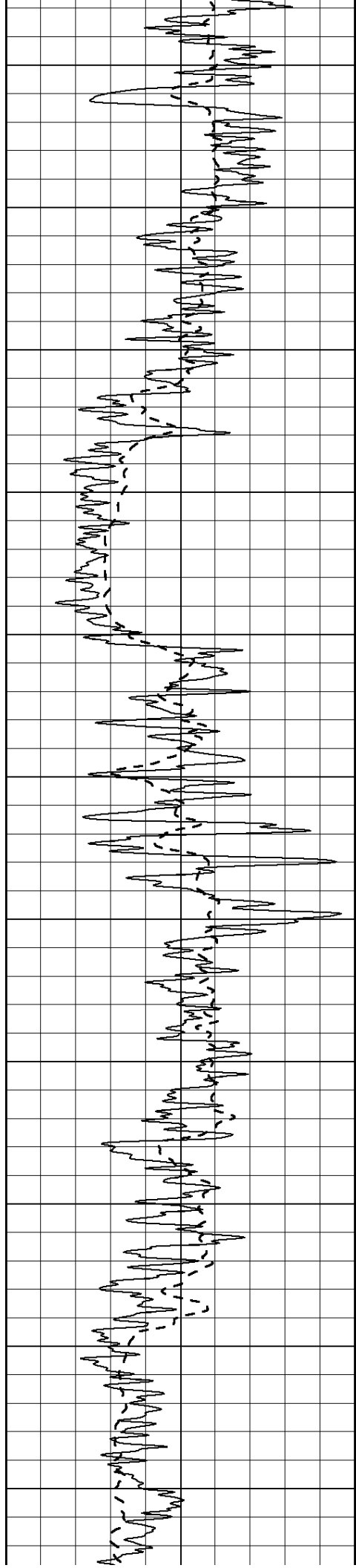
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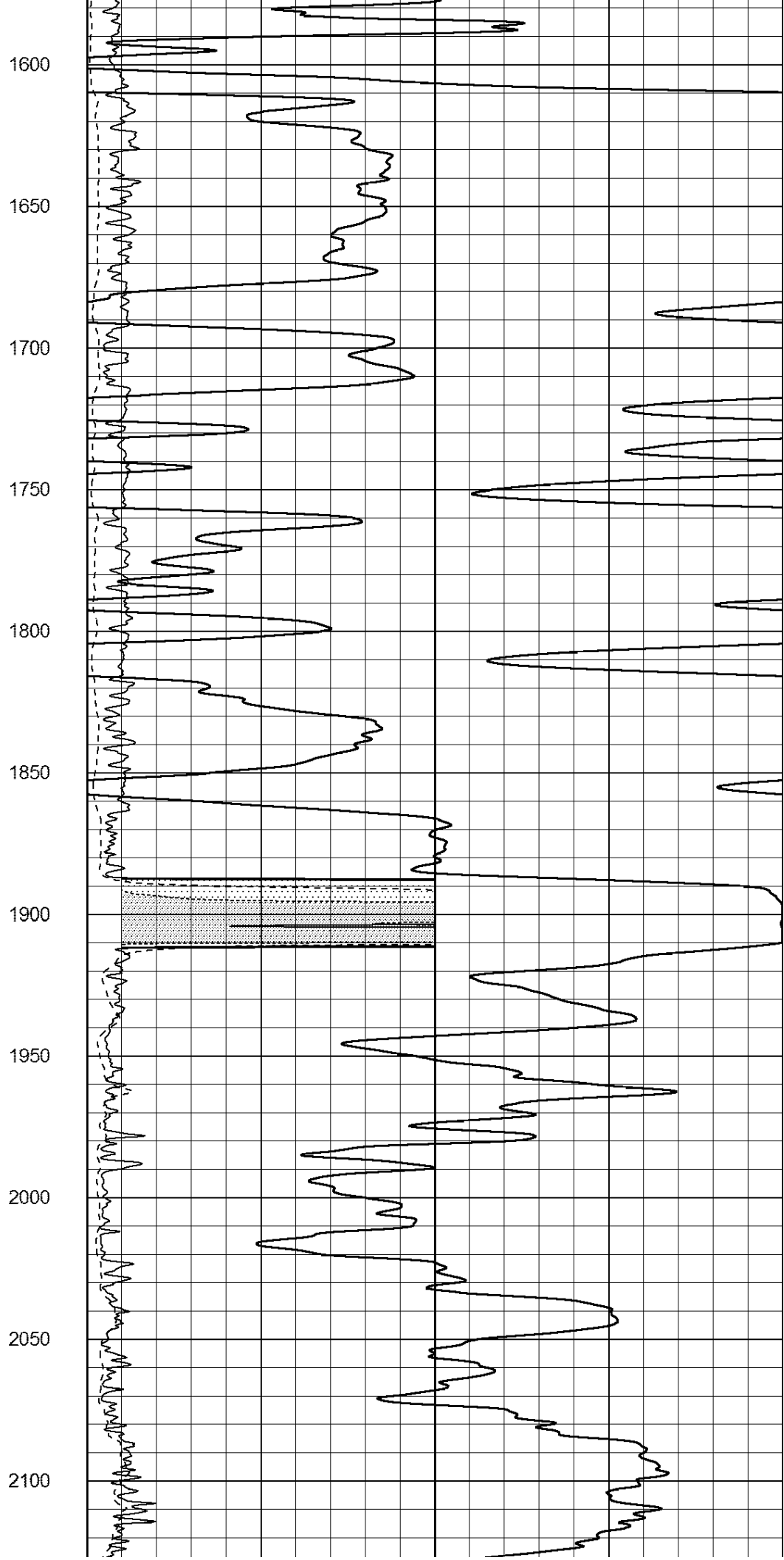
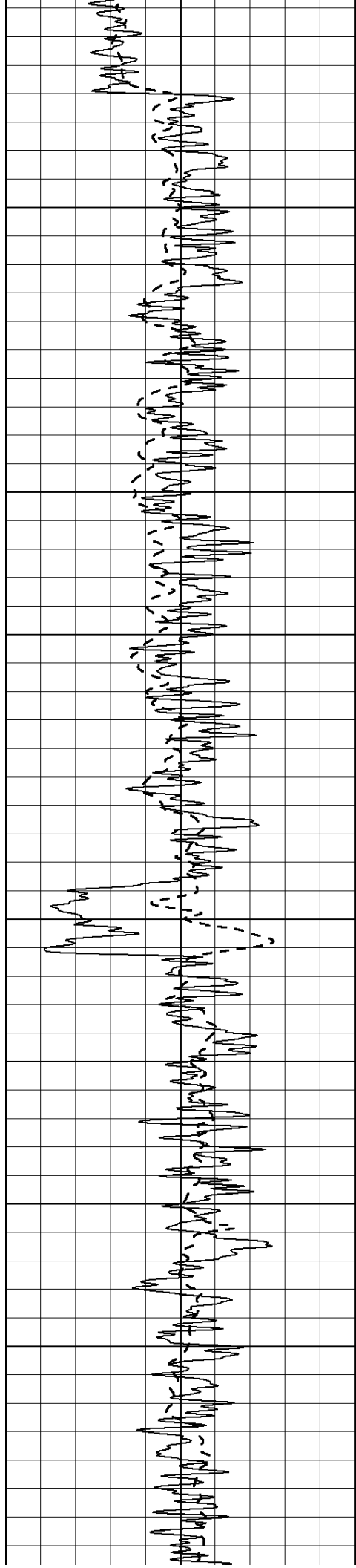
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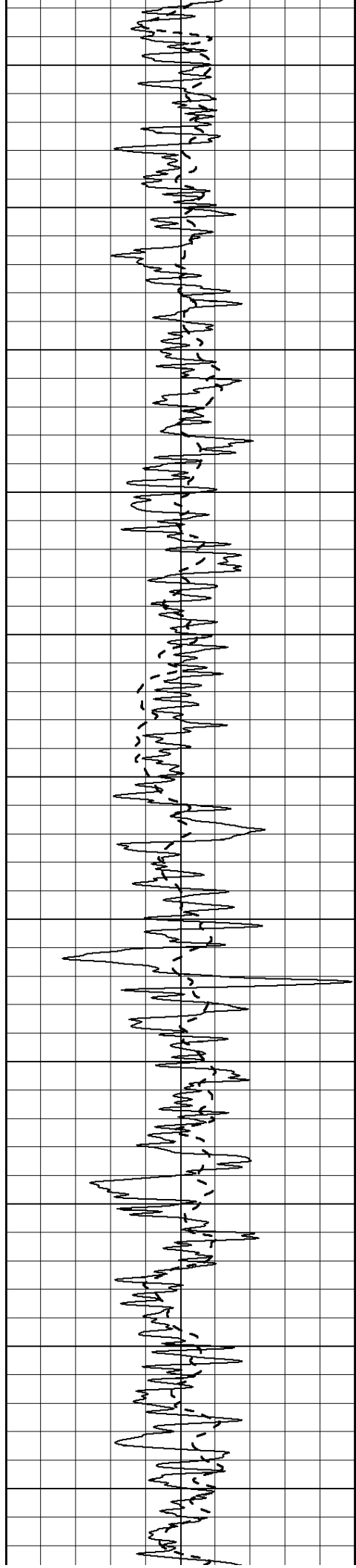
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2200

2250

2300

2350

2400

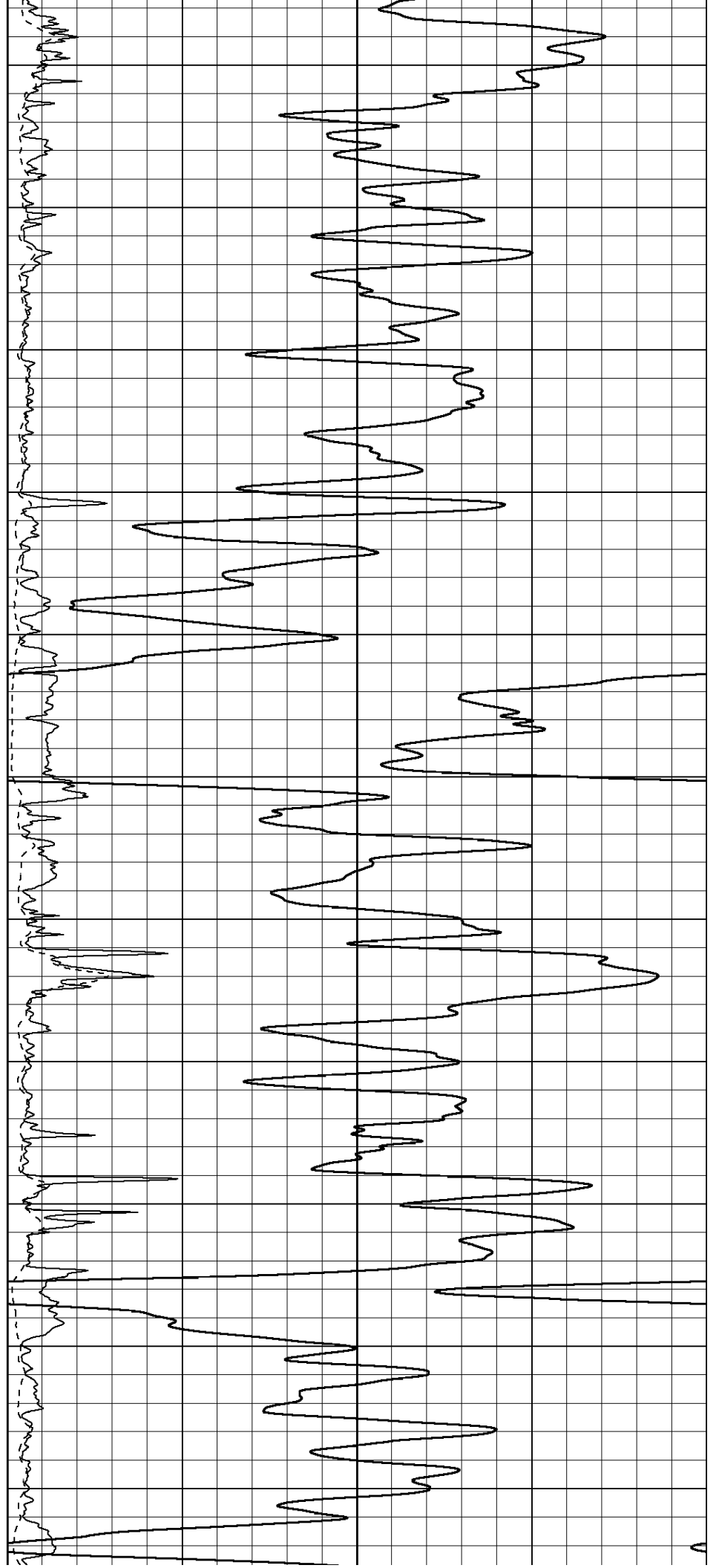
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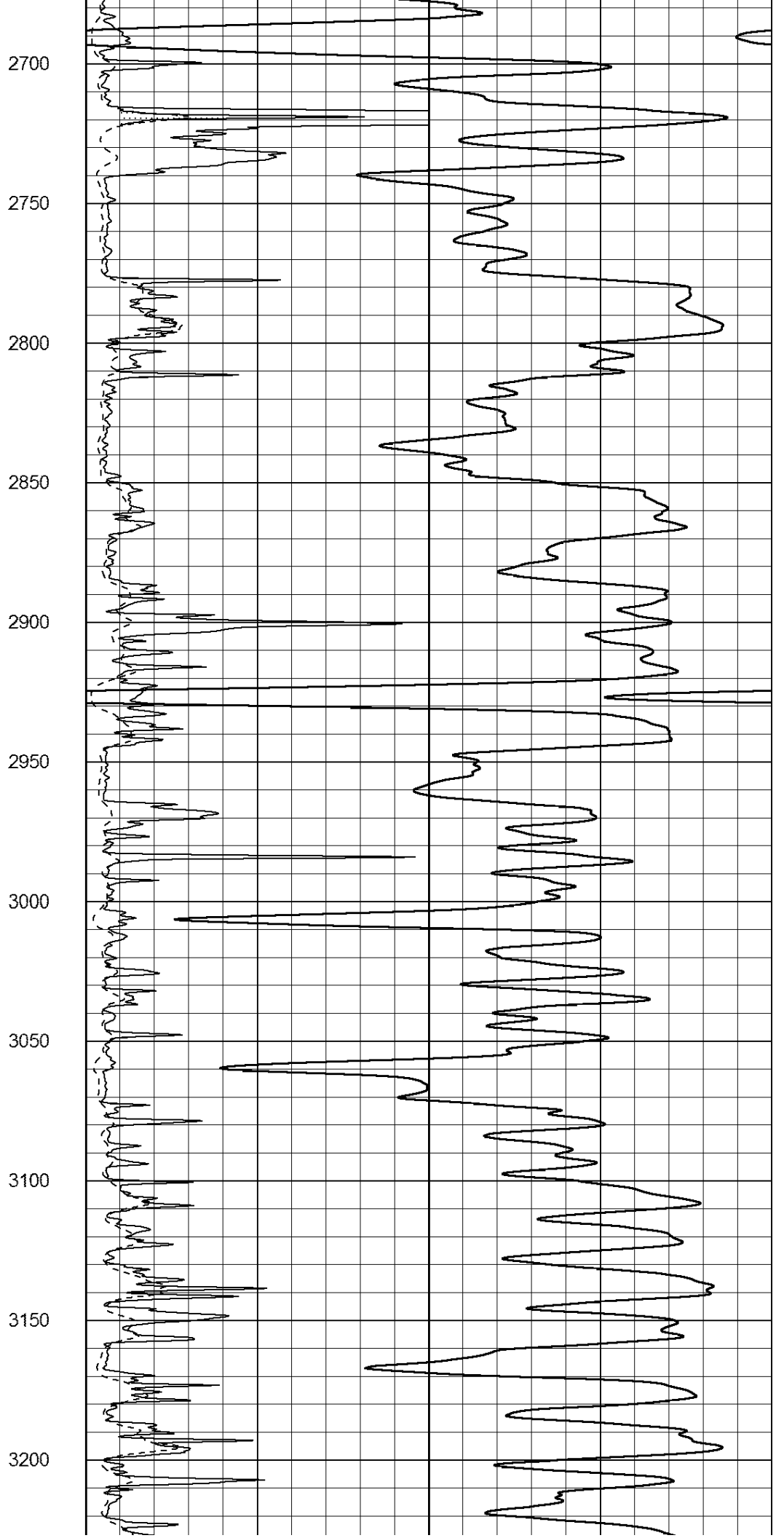
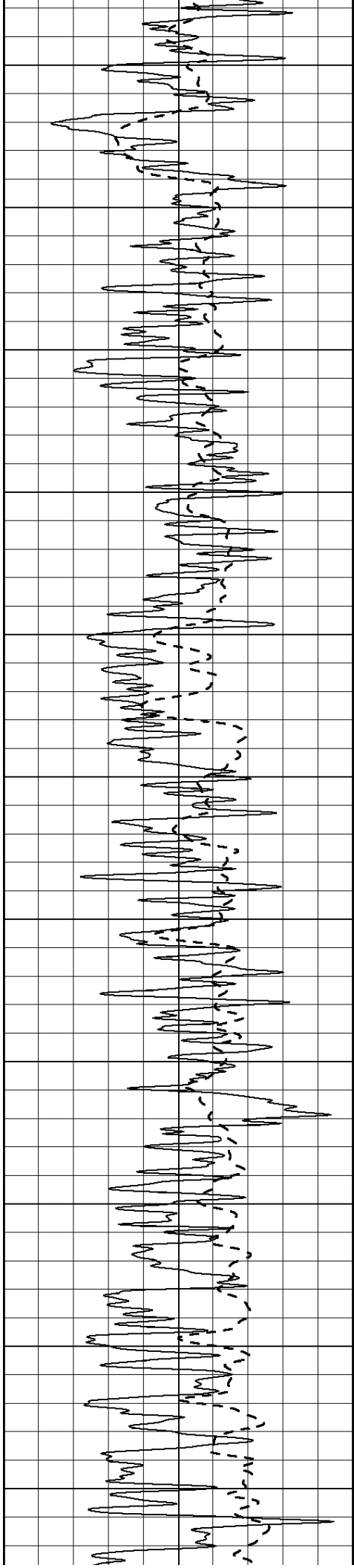
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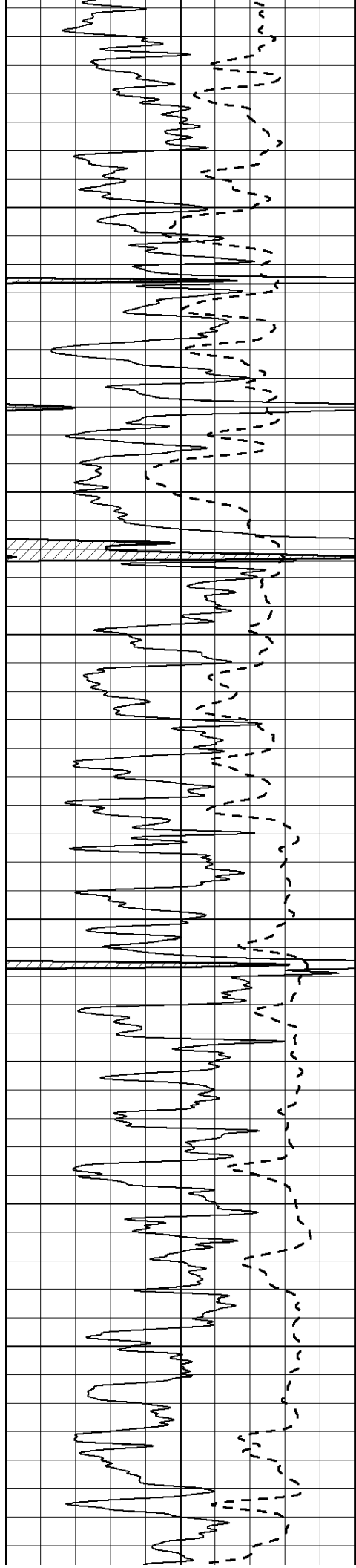
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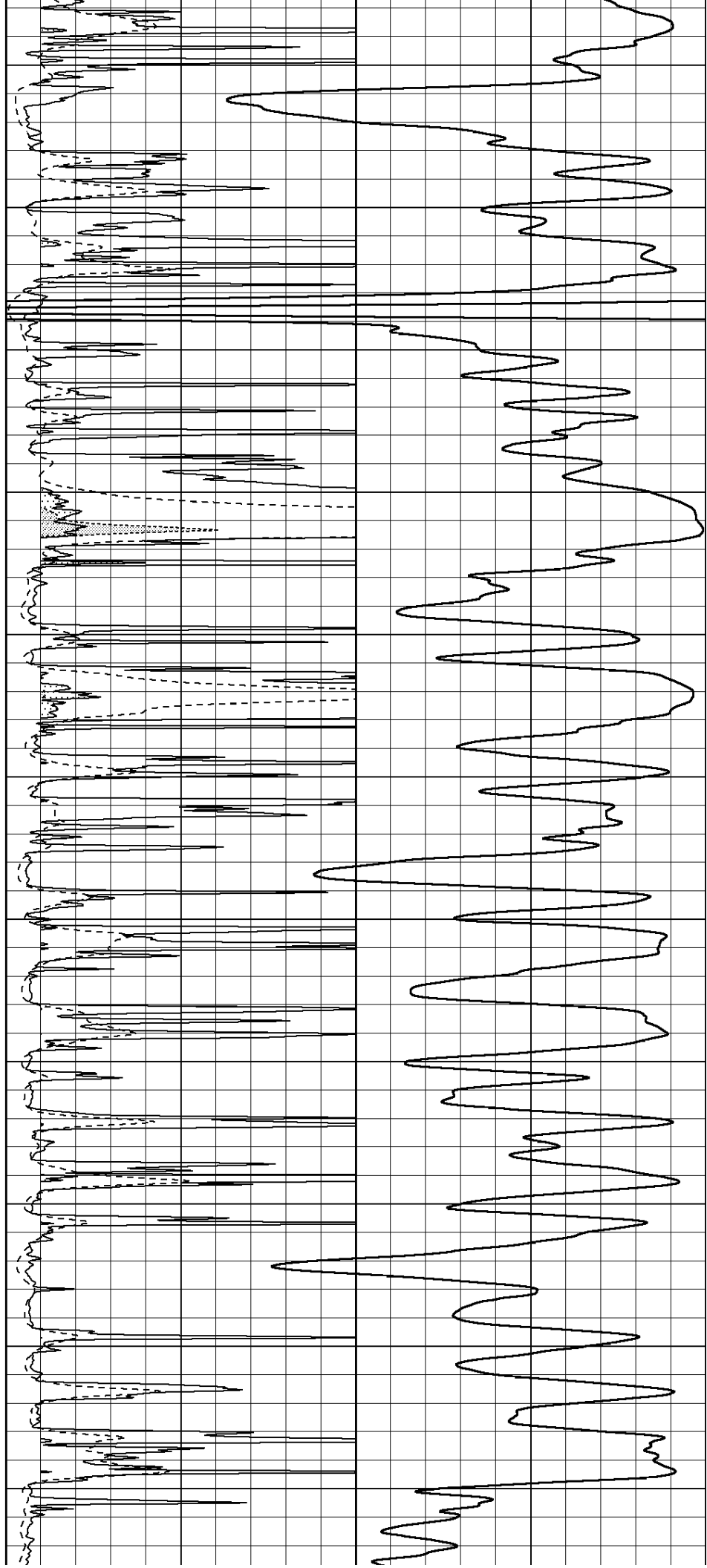
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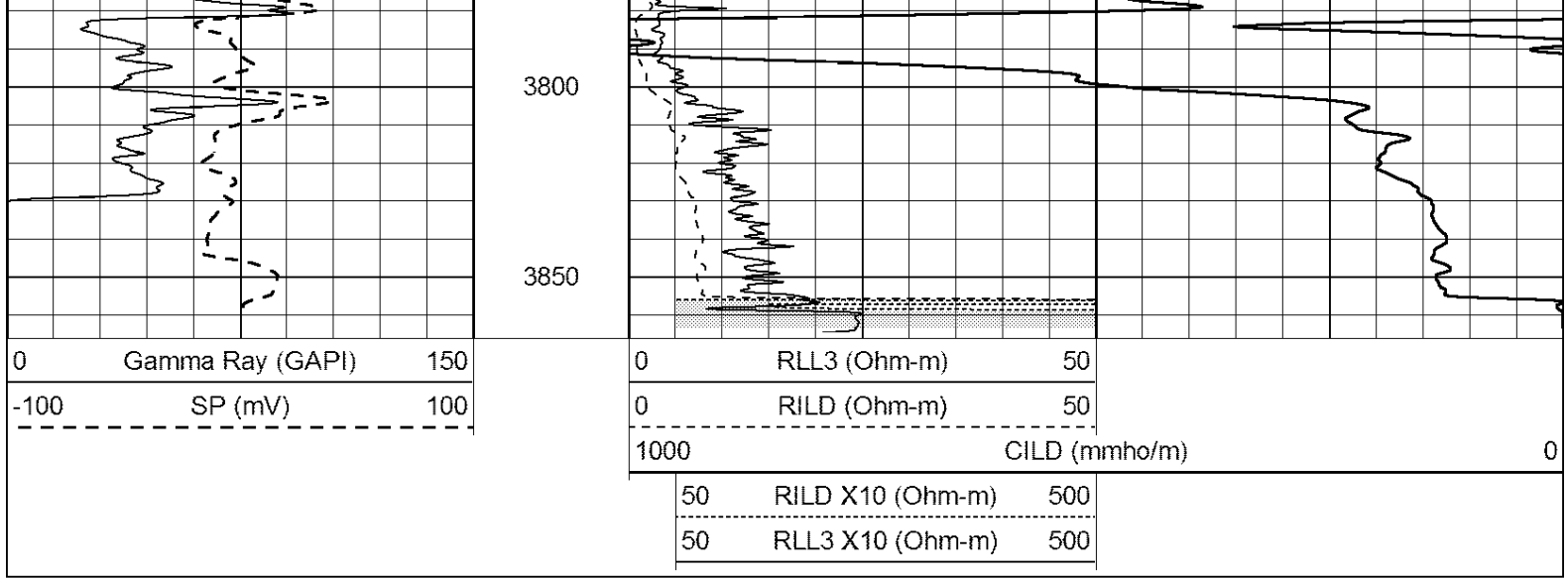




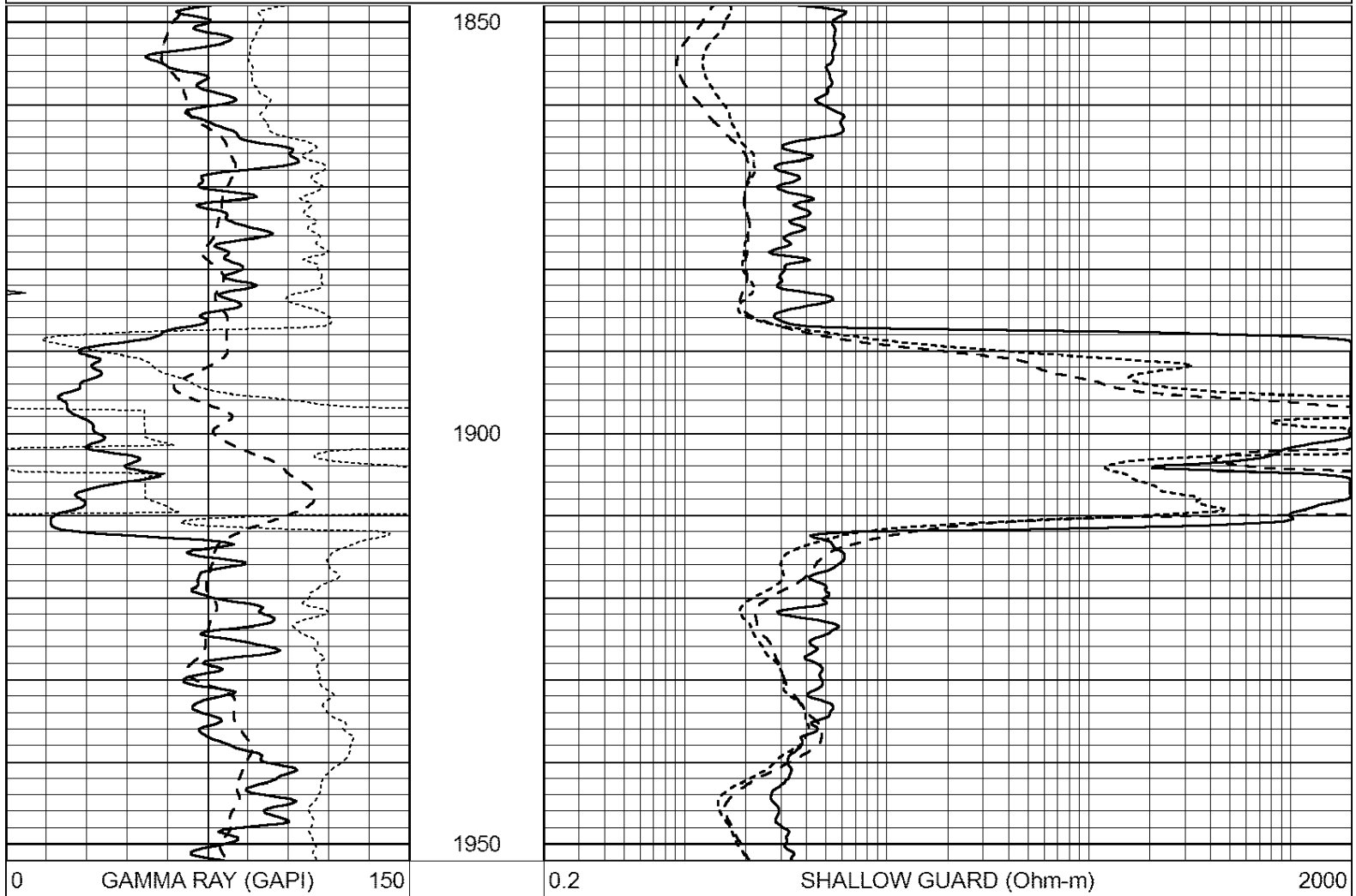
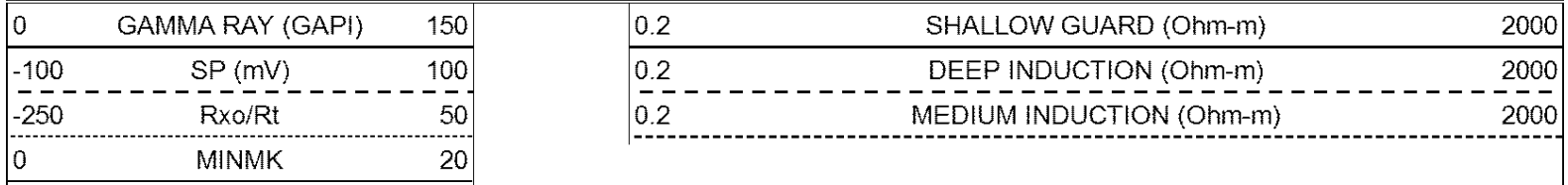
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 Dataset Creation: Sat Jun 28 02:21:52 2014 by Calc Open-Cased 090629  
 Charted by: Depth in Feet scaled 1:240



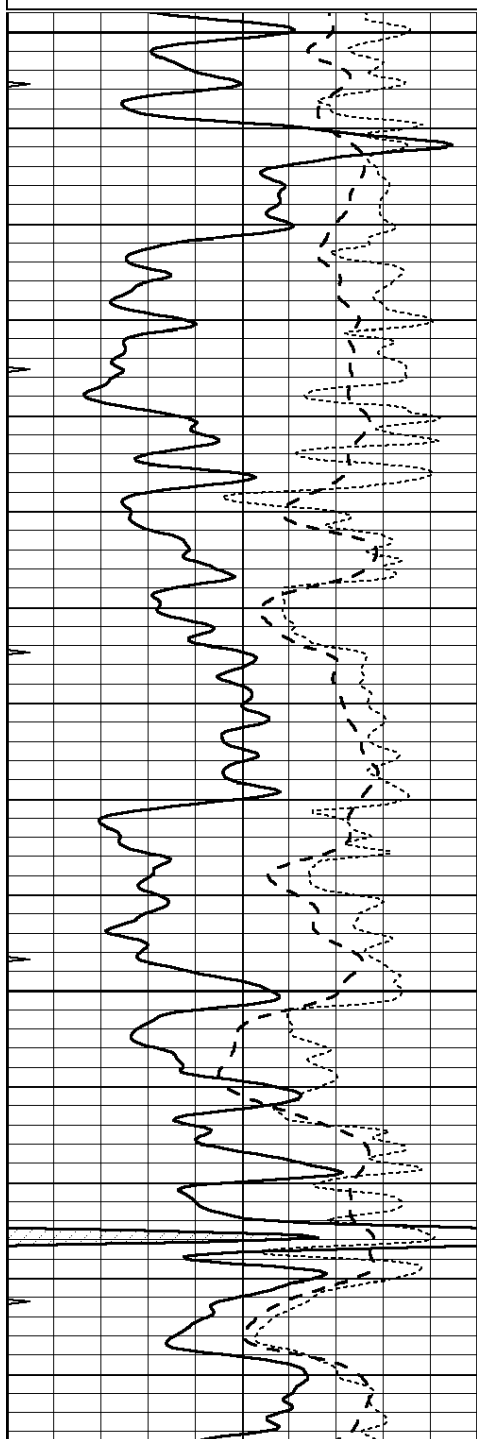
-100	SP (mV)	100
-250	Rxo/Rt	50
0	MINMK	20

0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000

Database File: 24641ddn.db  
 Dataset Pathname: pass3.1  
 Presentation Format: \_dil  
 Dataset Creation: Sat Jun 28 00:49:50 2014 by Calc Open-Cased 090629  
 Charted by: Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50
0	MINMK	20

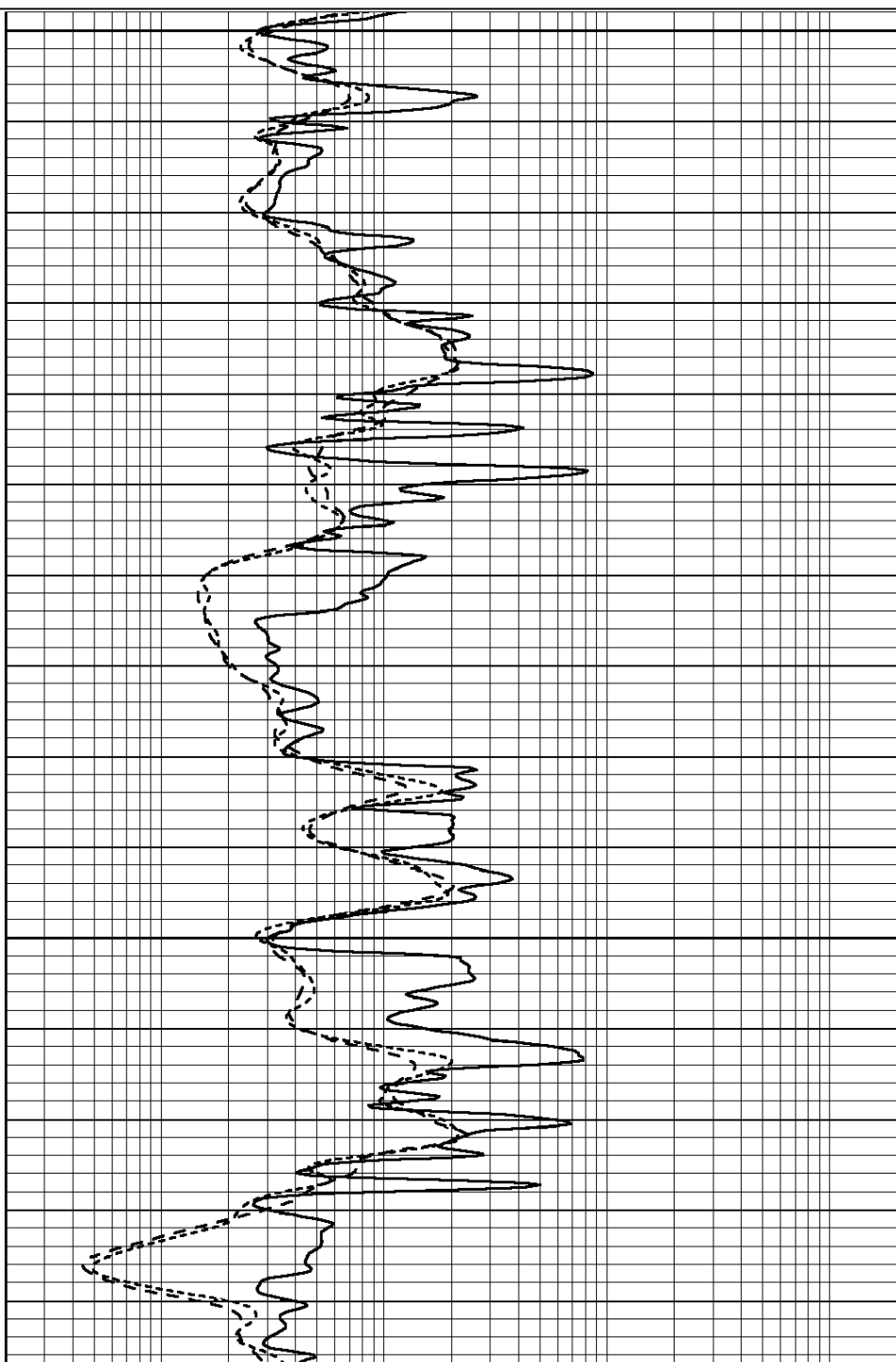
0.2	SHALLOW GUARD (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000

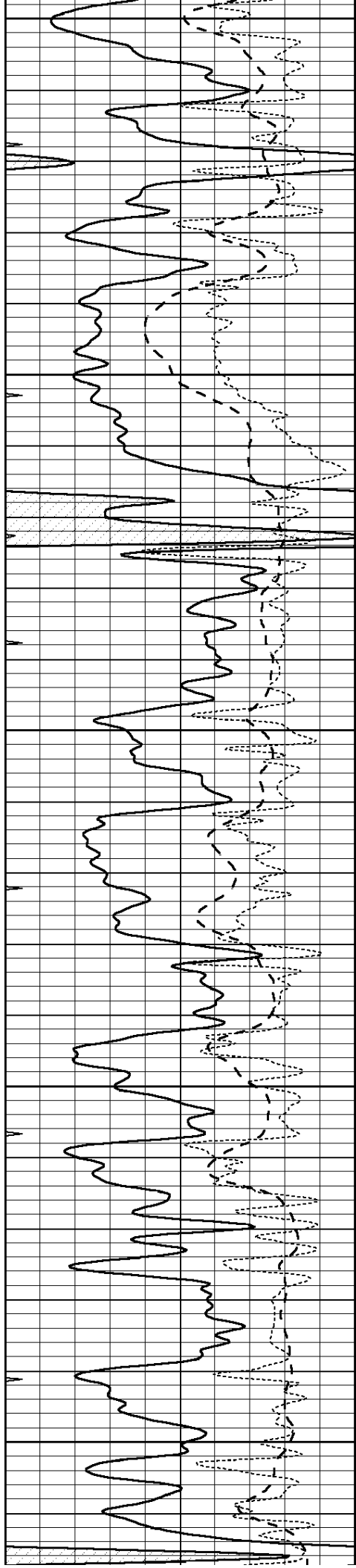


3200

3250

3300





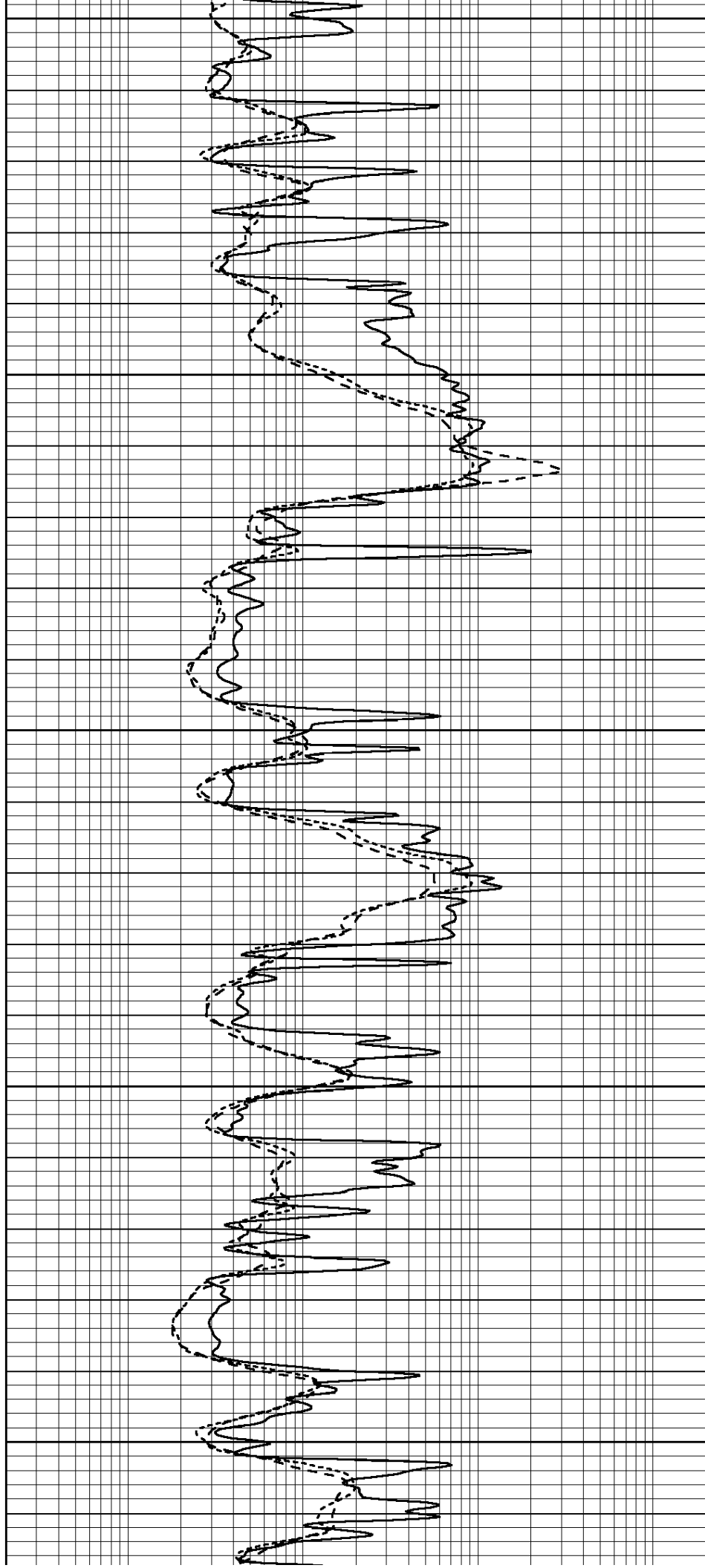
3350

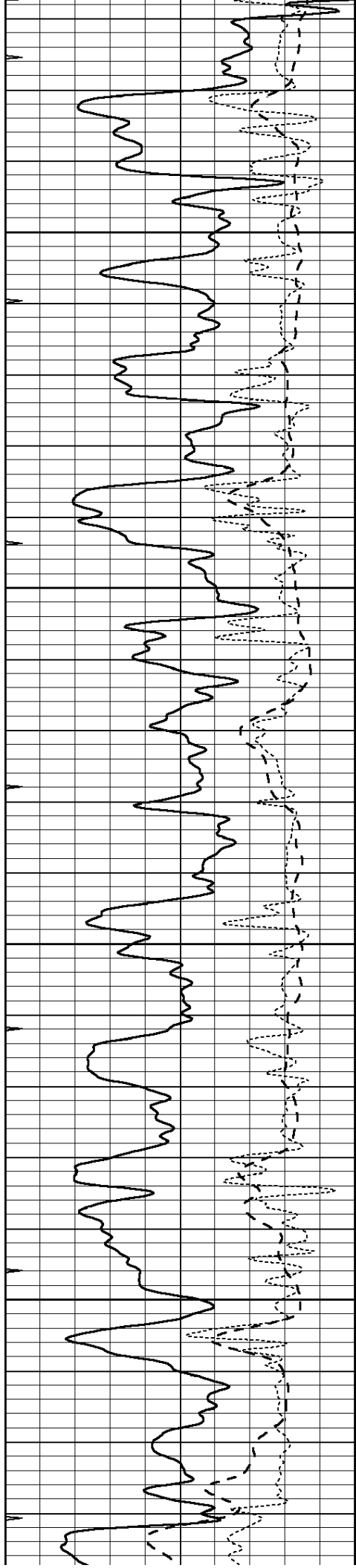
3400

3450

3500

3550



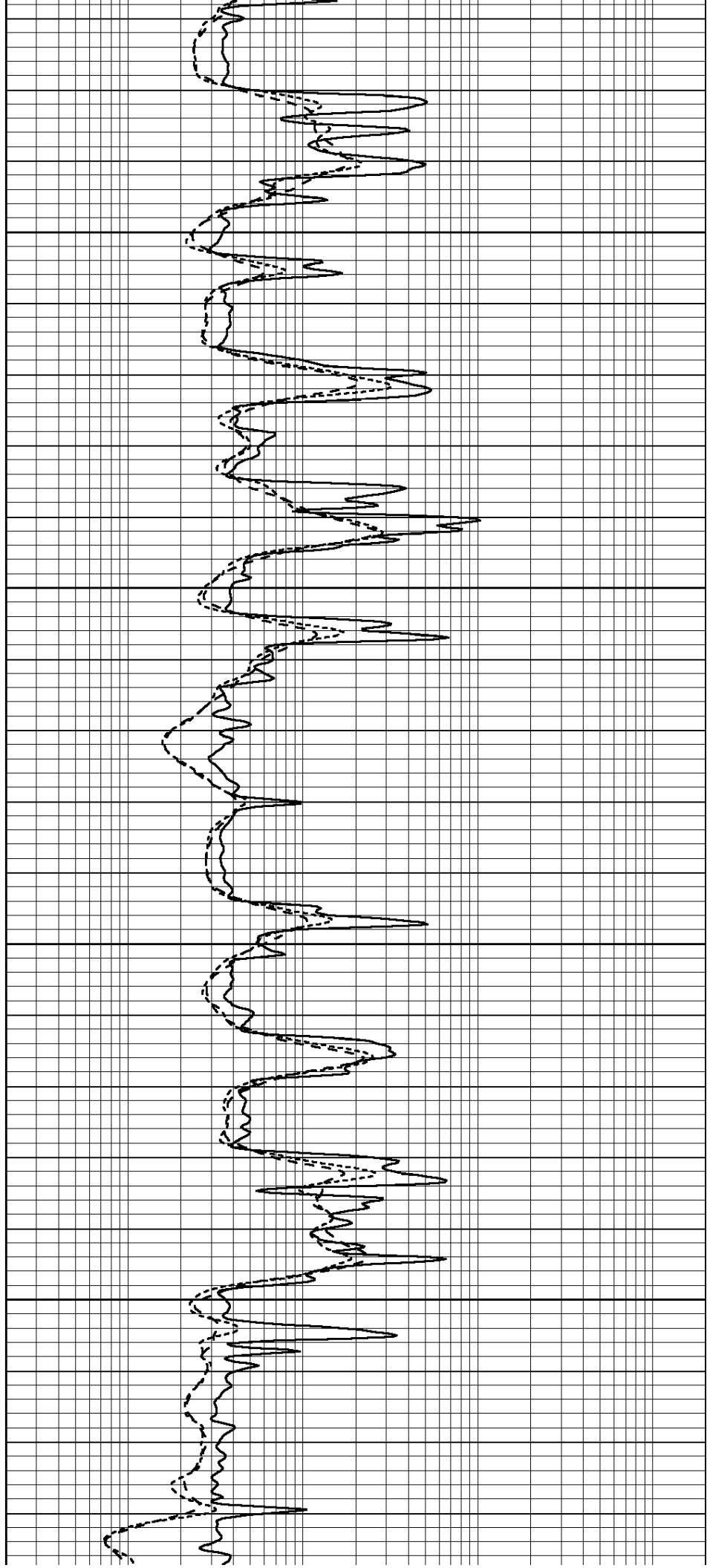


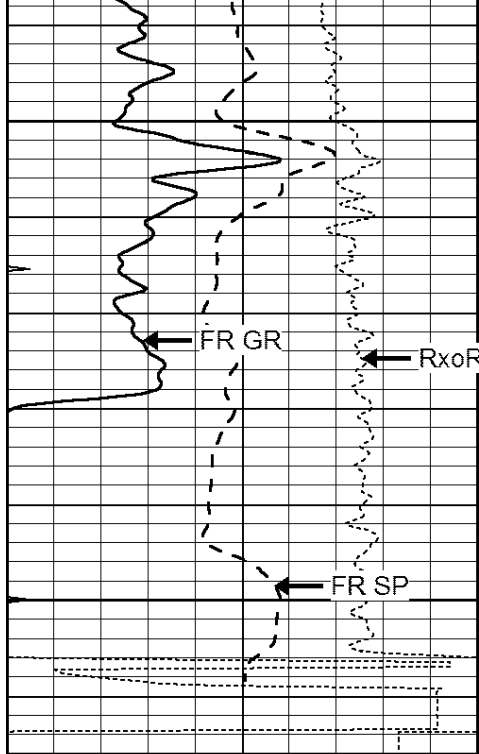
3600

3650

3700

3750





3800

FR GR

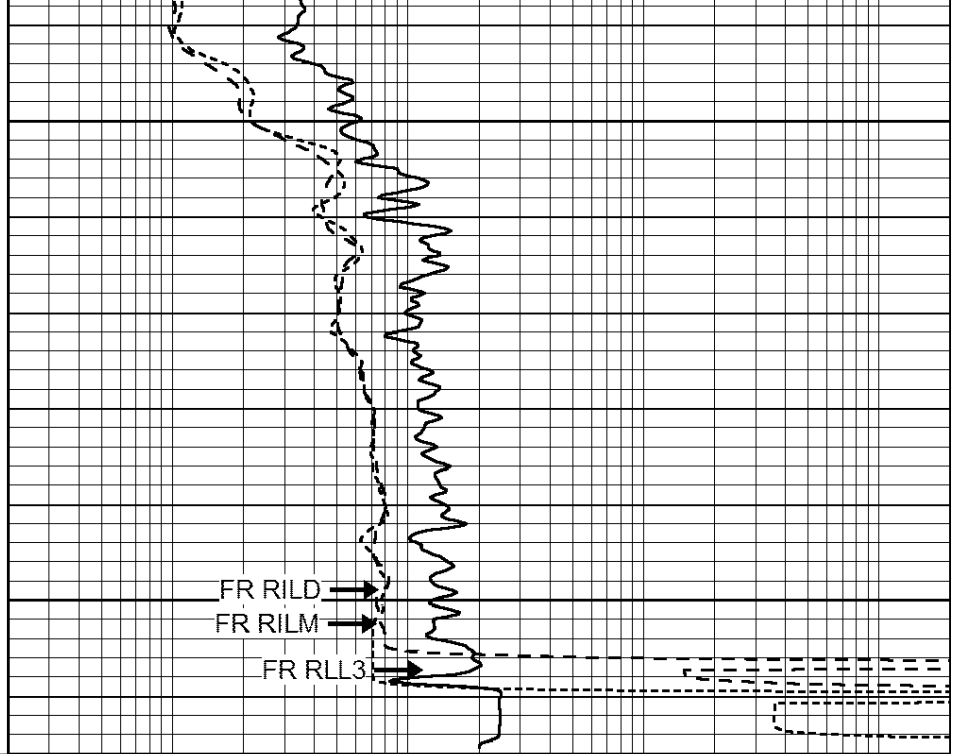
RxoRt

FR SP

3850

LTD 3859

0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50
0	MINMK	20



FR RILD

FR RILM

FR RLL3

0.2	SHALLOW GUARD (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000

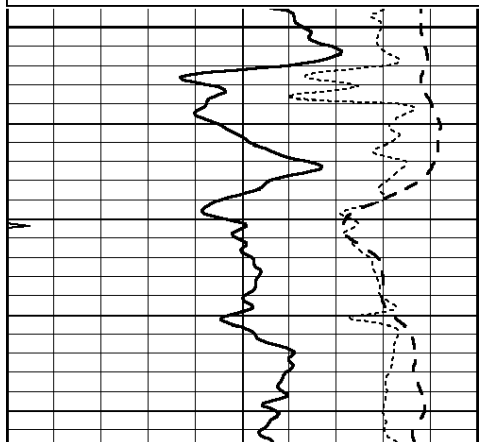


# REPEAT SECTION

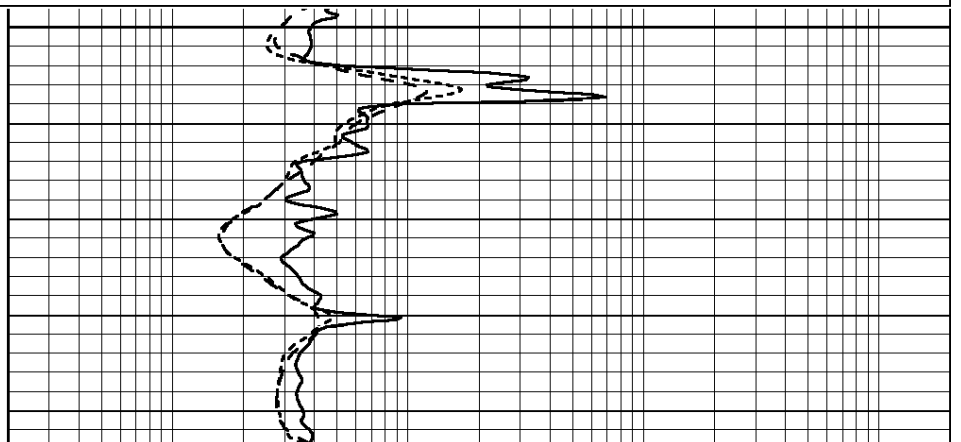
Database File: 24641ddn.db  
 Dataset Pathname: pass2  
 Presentation Format: \_dil  
 Dataset Creation: Sat Jun 28 00:10:45 2014 by Log Open-Cased 090629  
 Charted by: Depth in Feet scaled 1:240

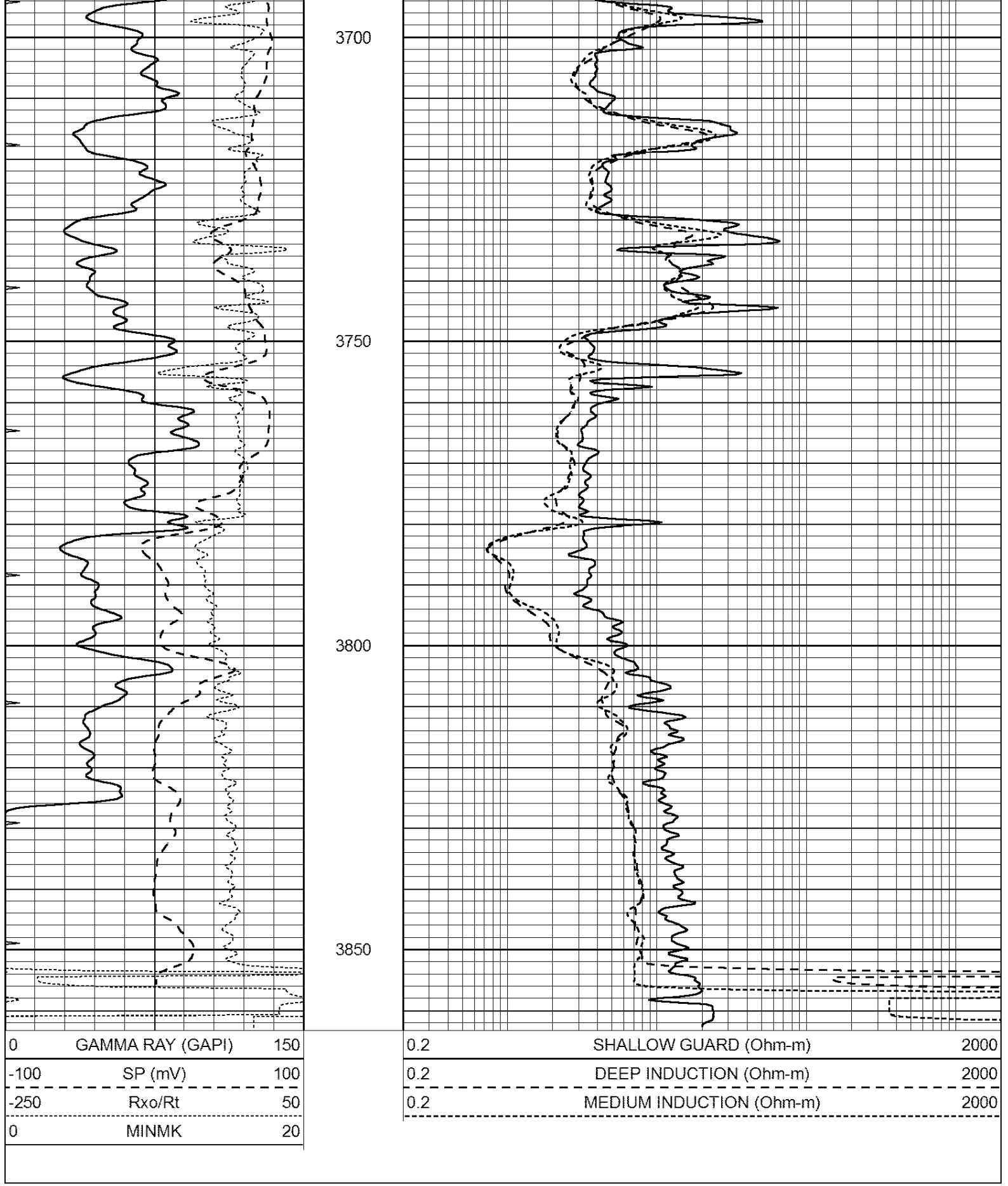
0	GAMMA RAY (GAPI)	150
-100	SP (mV)	100
-250	Rxo/Rt	50
0	MINMK	20

0.2	SHALLOW GUARD (Ohm-m)	2000
0.2	DEEP INDUCTION (Ohm-m)	2000
0.2	MEDIUM INDUCTION (Ohm-m)	2000



3650





Calibration Report

Database File: 24641ddn.db  
 Dataset Pathname: pass3.2  
 Dataset Creation: Sat Jun 28 02:21:52 2014 by Calc Open-Cased 090629

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

Readings				References			Results	
Loop:	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		

Compensated Density Calibration Report

Serial-Model: GEAR3-GEARHART  
 Source / Verifier: 143 / 143  
 Master Calibration Performed: Fri Jan 04 15:48:16 2013  
 Before Survey Verification Performed:  
 After Survey Verification Performed:

Master Calibration

	Density		Far Detector	Near Detector	
Magnesium	1.710	g/cc	935.36	501.55	cps
Aluminum	2.580	g/cc	209.32	357.01	cps
Spine Angle = 77.21			Density/Spine Ratio = 0.567		
	Size		Reading		
Small Ring	8.00	in	4.29	V	
Large Ring	14.00	in	6.24	V	

Before Survey Verification

	Target		Measured	
		g/cc		g/cc
		g/cc		g/cc
		g/cc		g/cc

After Survey Verification		g/cc	g/cc
Target		Measured	
	g/cc		g/cc
	g/cc		g/cc
	g/cc		g/cc

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	

PRE-SURVEY VERIFICATION						
Detector	Readings		Measured		Target	
1) Short Space		cps				
Long Space		cps		pu		pu
2) Short Space		cps				
Long Space		cps		pu		
3) Short Space		cps				
Long Space		cps		pu		

POST-SURVEY VERIFICATION						
Detector	Readings		Measured		Target	
1) Short Space		cps				
Long Space		cps		pu		pu
2) Short Space		cps				
Long Space		cps		pu		pu
3) Short Space		cps				
Long Space		cps		pu		pu

Gamma Ray Calibration Report

Serial Number: GR6  
 Tool Model: OPEN  
 Performed: Sat May 31 01:22:06 2014

Calibrator Value: 150.0      GAPI

Background Reading: 0.0      cps  
 Calibrator Reading: 276.0      cps

Sensitivity: 0.7535      GAPI/cps