

Confidentiality Requested:

Yes  No

**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION**

Form ACO-1

January 2018

**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

Gas  DH  EOR

OG  GSW

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 EOR  Conv. to SWD

Plug Back  Liner  Conv. to GSW  Conv. to Producer

Commingled Permit #: \_\_\_\_\_

Dual Completion Permit #: \_\_\_\_\_

SWD Permit #: \_\_\_\_\_

EOR Permit #: \_\_\_\_\_

GSW Permit #: \_\_\_\_\_

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: \_\_\_\_\_

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  Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

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

1. Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <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>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	BlueRidge Petroleum Corporation
Well Name	TALLY 1-1
Doc ID	1509400

All Electric Logs Run

DIL
Micro
CND
Sonic



# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-1071  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 1919

Date	1-13-20	Sec.	1	Twp.	3	Range	29	County	Decatur	State	KS	On Location		Finish	11:30am
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Location Oberlin South Side 1/2E 1/4W into

Lease	Tally	Well No.	1-1	Owner	To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.	
Contractor	L-D				Charge To	Blue Ridge Petroleum
Type Job	Surface				Street	
Hole Size	12 1/4	T.D.	222			
Csg.	8 5/8	Depth	217			
Tbg. Size		Depth		City	State	
Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.		
Cement Left in Csg.	10'	Shoe Joint		Cement Amount Ordered	150 8 5/8 20 3 1/4 2 1/2 2 1/2	

Meas Line Displace 1336


EQUIPMENT					
Pumptrk	No. 20	Cementer	Craig	Common	120
		Helper		Poz. Mix	30
Bulktrk	No.	Driver	N. G.	Gel.	3
Bulktrk	No. 9	Driver	Lance	Calcium	6

JOB SERVICES & REMARKS		
Remarks:		Hulls
Rat Hole		Salt
Mouse Hole		Flowseal
Centralizers		Kol-Seal
Baskets		Mud CLR 48
D/V or Port Collar		CFL-117 or CD110 CAF 38
8 5/8 on bottom. Est. Circulation.		Sand
Mix 150 SK & Displace		Handling 180
Cement Circulated!		Mileage

FLOAT EQUIPMENT	
	Guide Shoe
	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down

Pumptrk Charge Surface  
Mileage 38

	Tax
	Discount
	Total Charge

X Signature 

# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-1071  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 1924

Date	1-21-20	Sec.	1	Twp.	3	Range	29	County	Decatur	State	KS	On Location		Finish	5:00p
Lease								Location		Oberlin 1/2s 1/4E 1/2N					
Well No. 1-1								Owner							
Contractor								To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.							
Type Job								Charge To							
Hole Size								T.D.							
Csg.								Depth							
Tbg. Size								City							
Tool								State							
Cement Left in Csg.								The above was done to satisfaction and supervision of owner agent or contractor.							
Meas Line								Cement Amount Ordered							
Displace								Common							
EQUIPMENT								Poz Mix							
Pumptrk								Gel.							
Bulktrk								Calcium							
Bulktrk								Hulls							
JOB SERVICES & REMARKS								Salt							
Remarks:								Flowseal							
Rat Hole								Kol-Seal							
Mouse Hole								Mud CLR 48							
Centralizers								CFL-117 or CD110 CAF 38							
Baskets								Sand							
D/V or Port Collar								Handling							
5 1/2 size @ 3819.81 Bullhead 3726.46								Mileage							
Est. Circulation Pump 500 gal mud								FLOAT EQUIPMENT 5 1/2							
Clear o Plug Rathole with 30SK.								Guide Shoe							
Cement 5 1/2 with 54SK.								Centralizer							
Clear-line Displace Plug								Baskets							
Displace 12" 40BL KCL								AFU Inserts							
Plug landed @ 2000#								Float Shoe							
Lift pressure 1400#								Latch Down							
								Pumptrk Charge							
								Mileage							
Signature								Tax							
								Discount							
								Total Charge							



**Company: BlueRidge  
Petroleum Corporation  
Lease: Tally #1-1**

SEC: 1 TWN: 3S RNG: 29W  
County: DECATUR  
State: Kansas  
Drilling Contractor: L. D. Drilling, Inc - Rig 1  
Elevation: 2548 GL  
Field Name: Pollnow SE  
Pool: Pool Ext  
Job Number: 409  
API #: 15-039-21266-00-00

**Operation:**  
Uploading recovery & pressures

**DATE**  
January  
**18**  
2020

**DST #1    Formation: LKC "A"    Test Interval: 3563 - 3575'    Total Depth: 3575'**  
Time On: 09:33 01/18    Time Off: 16:47 01/18  
Time On Bottom: 12:06 01/18    Time Off Bottom: 14:21 01/18

Electronic Volume Estimate:  
688'

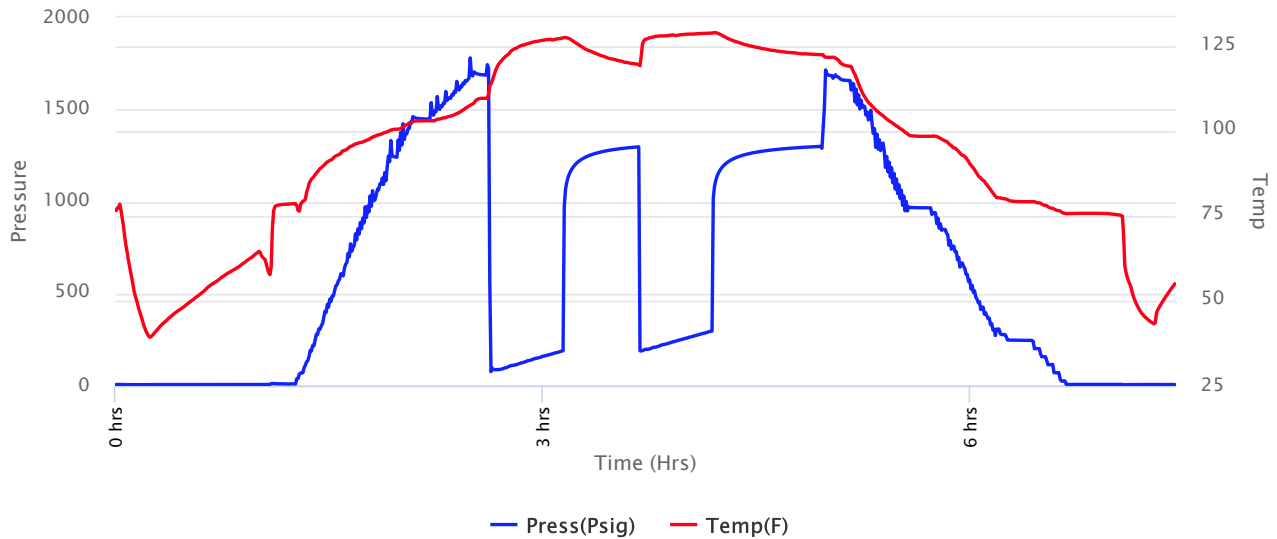
1st Open  
Minutes: 30  
Current Reading:  
39.2" at 30 min  
Max Reading: 39.2"

1st Close  
Minutes: 30  
Current Reading:  
.1" at 30 min  
Max Reading: .1"

2nd Open  
Minutes: 30  
Current Reading:  
36" at 30 min  
Max Reading: 36"

2nd Close  
Minutes: 45  
Current Reading:  
.1" at 45 min  
Max Reading: .1"

Inside Recorder





**Company: BlueRidge  
Petroleum Corporation  
Lease: Tally #1-1**

SEC: 1 TWN: 3S RNG: 29W  
County: DECATUR  
State: Kansas  
Drilling Contractor: L. D. Drilling, Inc -  
Rig 1  
Elevation: 2548 GL  
Field Name: Pollnow SE  
Pool: Pool Ext  
Job Number: 409  
API #: 15-039-21266-00-00

**Operation:**  
Uploading recovery &  
pressures

**DATE**  
January  
**18**  
2020

**DST #1 Formation: LKC "A" Test Interval: 3563 - Total Depth: 3575'**  
**3575'**  
Time On: 09:33 01/18 Time Off: 16:47 01/18  
Time On Bottom: 12:06 01/18 Time Off Bottom: 14:21 01/18

Recovered

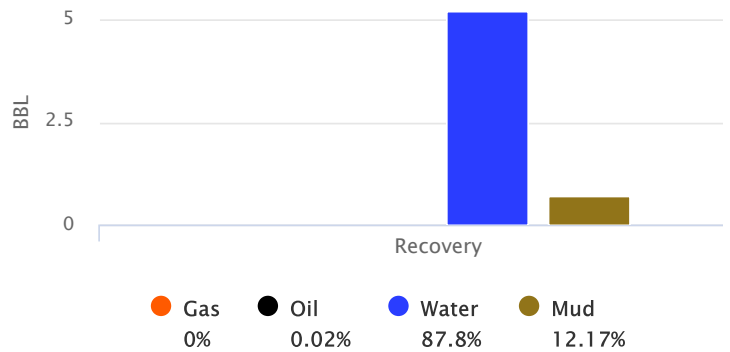
Foot	BCLS	Description of Fluid	Gas %	Oil %	Water %	Mud %
136	1.39536	HMCW (trace O)	0	.1	69.9	30
126	1.29276	SLMCW	0	0	90	10
189	1.93914	SLMCW	0	0	97	3
116	1.19016	SLMCW	0	0	99	1
10	0.1026	M	0	0	0	100

Total Recovered: 577 ft  
Total Barrels Recovered: 5.92002

**Reversed Out**  
**NO**

Initial Hydrostatic Pressure	1744	PSI
Initial Flow	86 to 181	PSI
<b>Initial Closed in Pressure</b>	<b>1296</b>	<b>PSI</b>
Final Flow Pressure	197 to 295	PSI
<b>Final Closed in Pressure</b>	<b>1298</b>	<b>PSI</b>
Final Hydrostatic Pressure	1689	PSI
Temperature	129	°F
Pressure Change Initial Close / Final Close	0.0	%

**Recovery at a glance**



GIP cubic foot volume: 0





**Company: BlueRidge  
Petroleum Corporation  
Lease: Tally #1-1**

SEC: 1 TWN: 3S RNG: 29W  
County: DECATUR  
State: Kansas  
Drilling Contractor: L. D. Drilling, Inc -  
Rig 1  
Elevation: 2548 GL  
Field Name: Pollnow SE  
Pool: Pool Ext  
Job Number: 409  
API #: 15-039-21266-00-00

**Operation:**

Uploading recovery &  
pressures

**DATE**

January  
**18**  
2020

<b>DST #1</b>	<b>Formation: LKC "A"</b>	<b>Test Interval: 3563 - 3575'</b>	<b>Total Depth: 3575'</b>
	Time On: 09:33 01/18	Time Off: 16:47 01/18	
	Time On Bottom: 12:06 01/18	Time Off Bottom: 14:21 01/18	

**BUCKET MEASUREMENT:**

1st Open: BoB in 5 min. 13 sec.

1st Close: Weak Surface Return started at 12 min. Built to 1/8" over 30 min.

2nd Open: BoB in 7 min. 42 sec.

2nd Close: Weak Surface Return started at 12 min. Did not build or die.

**REMARKS:**

Chased tool approx 10' to bottom.

Tool Sample: 0% Gas .1% Oil 94.9% Water 5% Mud

Ph: 7

Measured RW: .11 @ 42 degrees °F

RW at Formation Temp: 0.04 @ 129 °F

Chlorides: 82000 ppm



**Company: BlueRidge  
Petroleum Corporation  
Lease: Tally #1-1**

SEC: 1 TWN: 3S RNG: 29W  
County: DECATUR  
State: Kansas  
Drilling Contractor: L. D. Drilling, Inc -  
Rig 1  
Elevation: 2548 GL  
Field Name: Pollnow SE  
Pool: Pool Ext  
Job Number: 409  
API #: 15-039-21266-00-00

**Operation:**  
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**DST #1**      **Formation: LKC "A"**      **Test Interval: 3563 - 3575'**      **Total Depth: 3575'**  
Time On: 09:33 01/18      Time Off: 16:47 01/18  
Time On Bottom: 12:06 01/18      Time Off Bottom: 14:21 01/18

**Down Hole Makeup**

<b>Heads Up:</b> 23.93 FT	<b>Packer 1:</b> 3558 FT
<b>Drill Pipe:</b> 3561.77 FT <i>ID-3 1/4</i>	<b>Packer 2:</b> 3563 FT
<b>Weight Pipe:</b> 0 FT <i>ID-2 7/8</i>	<b>Top Recorder:</b> 3550 FT
<b>Collars:</b> 0 FT <i>ID-2 1/4</i>	<b>Bottom Recorder:</b> 3542 FT
<b>Test Tool:</b> 26.16 FT <i>ID-3 1/2-FH</i>	<b>Well Bore Size:</b> 7 7/8
<b>Total Anchor:</b> 12	<b>Surface Choke:</b> 1"
<b><u>Anchor Makeup</u></b>	<b>Bottom Choke:</b> 5/8"
<b>Packer Sub:</b> 1 FT	
<b>Perforations: (top):</b> 8 FT <i>4 1/2-FH</i>	
<b>Change Over:</b> 0 FT	
<b>Drill Pipe: (in anchor):</b> 0 FT <i>ID-3 1/4</i>	
<b>Change Over:</b> 0 FT	
<b>Perforations: (below):</b> 3 FT <i>4 1/2-FH</i>	



**Company: BlueRidge  
Petroleum Corporation**

SEC: 1 TWN: 3S RNG: 29W  
County: DECATUR  
State: Kansas  
Drilling Contractor: L. D. Drilling, Inc -  
Rig 1  
Elevation: 2548 GL

**Operation:**  
Uploading recovery &  
pressures

# Lease: Tally #1-1

Field Name: Pollnow SE  
Pool: Pool Ext  
Job Number: 409  
API #: 15-039-21266-00-00

**DATE**  
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**DST #1**      **Formation: LKC "A"**      **Test Interval: 3563 - 3575'**      **Total Depth: 3575'**  
Time On: 09:33 01/18      Time Off: 16:47 01/18  
Time On Bottom: 12:06 01/18      Time Off Bottom: 14:21 01/18

## Mud Properties

**Mud Type:** Chem      **Weight:** 8.6      **Viscosity:** 66      **Filtrate:** 6 8      **Chlorides:** 2000 ppm



**Operation:**

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SEC: 1 TWN: 3S RNG: 29W  
County: DECATUR  
State: Kansas  
Drilling Contractor: L. D. Drilling, Inc -  
Rig 1  
Elevation: 2548 GL  
Field Name: Pollnow SE

Uploading recovery & pressures

Pool: Pool Ext  
Job Number: 409  
API #: 15-039-21266-00-00

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DST #1      Formation: LKC "A"      Test Interval: 3563 - 3575'      Total Depth: 3575'  
Time On: 09:33 01/18      Time Off: 16:47 01/18  
Time On Bottom: 12:06 01/18      Time Off Bottom: 14:21 01/18

**Gas Volume Report**

1st Open			
Time	Orifice	PSI	MCF/D

2nd Open			
Time	Orifice	PSI	MCF/D



**Company: BlueRidge  
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SEC: 1 TWN: 3S RNG: 29W  
County: DECATUR  
State: Kansas  
Drilling Contractor: L. D. Drilling, Inc - Rig 1  
Elevation: 2548 GL  
Field Name: Pollnow SE  
Pool: Pool Ext  
Job Number: 409  
API #: 15-039-21266-00-00

**Operation:**  
Uploading recovery & pressures

**DATE**  
January  
**19**  
2020

**DST #2**      **Formation: LKC "C,D"**      **Test Interval: 3585 - 3612'**      **Total Depth: 3612'**  
Time On: 01:30 01/19      Time Off: 09:42 01/19  
Time On Bottom: 03:56 01/19      Time Off Bottom: 06:56 01/19

Electronic Volume Estimate:  
795'

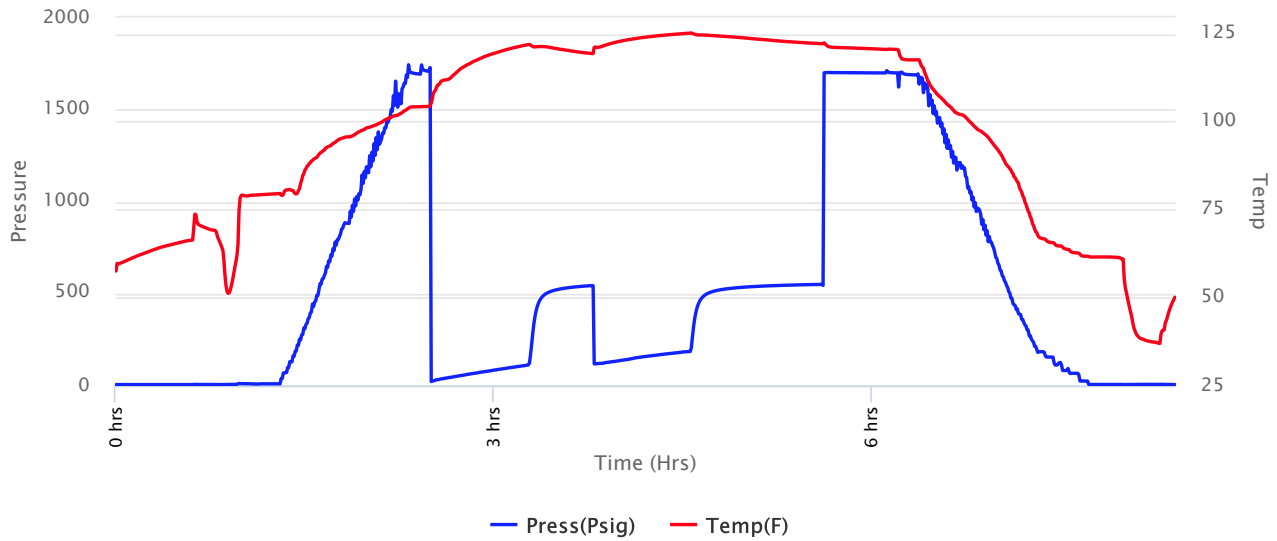
1st Open  
Minutes: 45  
Current Reading: 34.2" at 45 min  
Max Reading: 34.2"

1st Close  
Minutes: 45  
Current Reading: 3.4" at 45 min  
Max Reading: 3.4"

2nd Open  
Minutes: 45  
Current Reading: 45.1" at 45 min  
Max Reading: 45.1"

2nd Close  
Minutes: 60  
Current Reading: 5.2" at 60 min  
Max Reading: 5.2"

Inside Recorder





**Company: BlueRidge  
Petroleum Corporation  
Lease: Tally #1-1**

SEC: 1 TWN: 3S RNG: 29W  
County: DECATUR  
State: Kansas  
Drilling Contractor: L. D. Drilling, Inc -  
Rig 1  
Elevation: 2548 GL  
Field Name: Pollnow SE  
Pool: Pool Ext  
Job Number: 409  
API #: 15-039-21266-00-00

**Operation:**  
Uploading recovery &  
pressures

**DATE**  
January  
**19**  
2020

**DST #2      Formation: LKC      Test Interval: 3585 -      Total Depth: 3612'**  
**"C,D"**  
**3612'**  
Time On: 01:30 01/19      Time Off: 09:42 01/19  
Time On Bottom: 03:56 01/19      Time Off Bottom: 06:56 01/19

Recovered

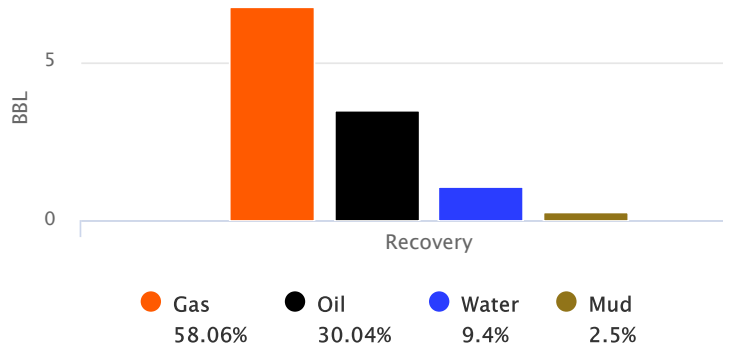
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
598	6.13548	G	100	0	0	0
220	2.2572	SLGCO	10	90	0	0
63	0.64638	HGCHMCO	30	40	0	30
126	1.29276	SLGCO	10	90	0	0
63	0.64638	SLOCSLGCSLMCW	10	5	75	10
63	0.64638	SLOCSLMCW	0	1	94	5

Total Recovered: 1133 ft  
Total Barrels Recovered: 11.62458

**Reversed Out  
NO**

Initial Hydrostatic Pressure      1719      PSI  
Initial Flow      27 to 111      PSI  
**Initial Closed in Pressure      543      PSI**  
Final Flow Pressure      121 to 185      PSI  
**Final Closed in Pressure      549      PSI**  
Final Hydrostatic Pressure      1700      PSI  
Temperature      126      °F  
  
Pressure Change Initial      0.0      %  
Close / Final Close

**Recovery at a glance**



GIP cubic foot volume: 37.89242



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SEC: 1 TWN: 3S RNG: 29W  
County: DECATUR  
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Rig 1  
Elevation: 2548 GL  
Field Name: Pollnow SE  
Pool: Pool Ext  
Job Number: 409  
API #: 15-039-21266-00-00

**Operation:**

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pressures

**DATE**

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<b>DST #2</b>	<b>Formation: LKC "C,D"</b>	<b>Test Interval: 3585 - 3612'</b>	<b>Total Depth: 3612'</b>
	Time On: 01:30 01/19	Time Off: 09:42 01/19	
	Time On Bottom: 03:56 01/19	Time Off Bottom: 06:56 01/19	

**BUCKET MEASUREMENT:**

*Diesel in Bucket*

1st Open: BoB in 9 min. 15 sec.

1st Close: Surface Return started at 3 min. Built to 5 1/4"

2nd Open: BoB in 8 min. 34 sec.

2nd Close: Return built to 7 1/4" over 60 min.

**REMARKS:**

Tool Sample: 10% Gas 5% Oil 75% Water 10% Mud

Gravity: 35.8 @ 60 °F

Ph: 7

Measured RW: .14 @ 50 degrees °F

RW at Formation Temp: 0.06 @ 126 °F

Chlorides: 78000 ppm



**Company: BlueRidge  
Petroleum Corporation  
Lease: Tally #1-1**

SEC: 1 TWN: 3S RNG: 29W  
County: DECATUR  
State: Kansas  
Drilling Contractor: L. D. Drilling, Inc -  
Rig 1  
Elevation: 2548 GL  
Field Name: Pollnow SE  
Pool: Pool Ext  
Job Number: 409  
API #: 15-039-21266-00-00

**Operation:**  
Uploading recovery &  
pressures

**DATE**  
January  
**19**  
2020

<b>DST #2</b>	<b>Formation: LKC "C,D"</b>	<b>Test Interval: 3585 - 3612'</b>	<b>Total Depth: 3612'</b>
	Time On: 01:30 01/19	Time Off: 09:42 01/19	
	Time On Bottom: 03:56 01/19	Time Off Bottom: 06:56 01/19	

**Down Hole Makeup**

<b>Heads Up:</b>	33.12 FT	<b>Packer 1:</b>	3580 FT
<b>Drill Pipe:</b>	3592.96 FT	<b>Packer 2:</b>	3585 FT
<i>ID-3 1/4</i>		<b>Top Recorder:</b>	3572 FT
<b>Weight Pipe:</b>	0 FT	<b>Bottom Recorder:</b>	3587 FT
<i>ID-2 7/8</i>		<b>Well Bore Size:</b>	7 7/8
<b>Collars:</b>	0 FT	<b>Surface Choke:</b>	1"
<i>ID-2 1/4</i>		<b>Bottom Choke:</b>	5/8"
<b>Test Tool:</b>	26.16 FT		
<i>ID-3 1/2-FH</i>			
<b>Total Anchor:</b>	27		
<b><u>Anchor Makeup</u></b>			
<b>Packer Sub:</b>	1 FT		
<b>Perforations: (top):</b>	0 FT		
<i>4 1/2-FH</i>			
<b>Change Over:</b>	0 FT		
<b>Drill Pipe: (in anchor):</b>	0 FT		
<i>ID-3 1/4</i>			
<b>Change Over:</b>	0 FT		
<b>Perforations: (below):</b>	26 FT		
<i>4 1/2-FH</i>			



**Company: BlueRidge  
Petroleum Corporation**

SEC: 1 TWN: 3S RNG: 29W  
County: DECATUR  
State: Kansas  
Drilling Contractor: L. D. Drilling, Inc -  
Rig 1  
Elevation: 2548 GL



**Operation:**  
Uploading recovery &  
pressures

**Lease: Tally #1-1**

Field Name: Pollnow SE  
Pool: Pool Ext  
Job Number: 409  
API #: 15-039-21266-00-00

**DATE**  
January  
**19**  
2020

**DST #2      Formation: LKC      Test Interval: 3585 -      Total Depth: 3612'**  
**"C,D"**  
Time On: 01:30 01/19      Time Off: 09:42 01/19  
Time On Bottom: 03:56 01/19      Time Off Bottom: 06:56 01/19

**Mud Properties**

**Mud Type: Chem      Weight: 9.0      Viscosity: 54      Filtrate: 8.0      Chlorides: 2500 ppm**



**Company: BlueRidge  
Petroleum Corporation  
Lease: Tally #1-1**

SEC: 1 TWN: 3S RNG: 29W  
County: DECATUR  
State: Kansas  
Drilling Contractor: L. D. Drilling, Inc -  
Rig 1  
Elevation: 2548 GL  
Field Name: Pollnow SE

Uploading recovery & pressures

Pool: Pool Ext  
Job Number: 409  
API #: 15-039-21266-00-00

**DATE**  
January  
**19**  
2020

**DST #2**      **Formation: LKC**      **Test Interval: 3585 -**      **Total Depth: 3612'**  
                  **"C,D"**                                 **3612'**  
Time On: 01:30 01/19      Time Off: 09:42 01/19  
Time On Bottom: 03:56 01/19      Time Off Bottom: 06:56 01/19

### Gas Volume Report

1st Open			
Time	Orifice	PSI	MCF/D

2nd Open			
Time	Orifice	PSI	MCF/D



**Company: BlueRidge  
Petroleum Corporation  
Lease: Tally #1-1**

SEC: 1 TWN: 3S RNG: 29W  
County: DECATUR  
State: Kansas  
Drilling Contractor: L. D. Drilling, Inc - Rig 1  
Elevation: 2548 GL  
Field Name: Pollnow SE  
Pool: Pool Ext  
Job Number: 409  
API #: 15-039-21266-00-00

**Operation:**  
Uploading recovery & pressures

**DATE**  
January  
**20**  
2020

**DST #3    Formation: LKC "G-J"    Test Interval: 3622 - 3740'    Total Depth: 3740'**  
Time On: 03:45 01/20    Time Off: 10:23 01/20  
Time On Bottom: 05:52 01/20    Time Off Bottom: 08:37 01/20

Electronic Volume Estimate:  
14'

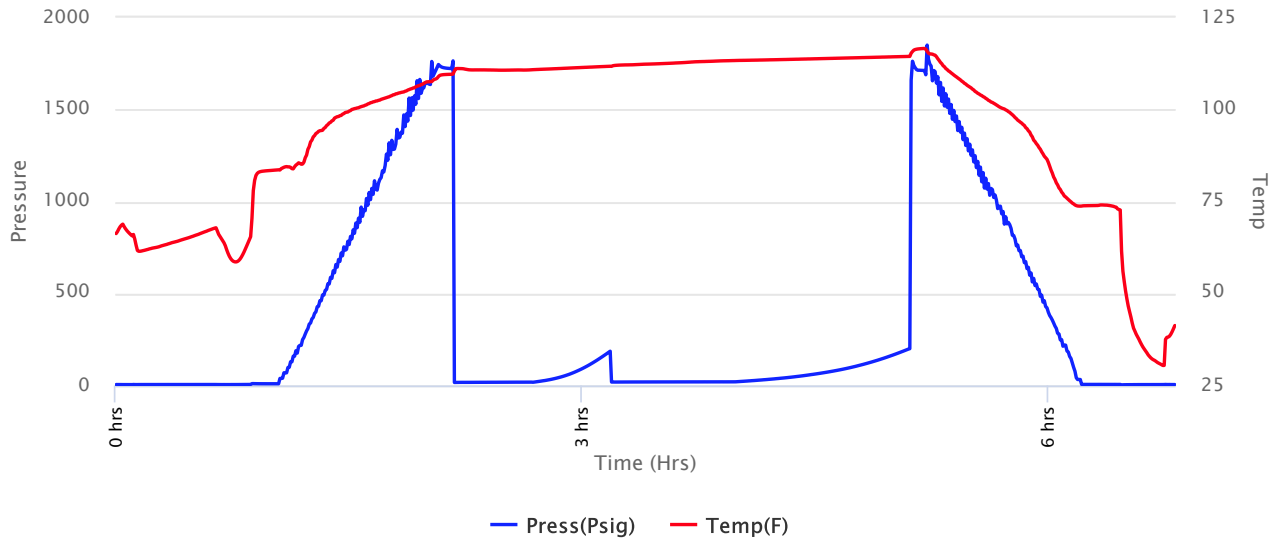
1st Open  
Minutes: 30  
Current Reading: 1.3" at 30 min  
Max Reading: 1.3"

1st Close  
Minutes: 30  
Current Reading: 0" at 30 min  
Max Reading: 0"

2nd Open  
Minutes: 45  
Current Reading: .1" at 45 min  
Max Reading: .1"

2nd Close  
Minutes: 60  
Current Reading: 0" at 60 min  
Max Reading: 0"

Inside Recorder





**Company: BlueRidge  
Petroleum Corporation  
Lease: Tally #1-1**

SEC: 1 TWN: 3S RNG: 29W  
County: DECATUR  
State: Kansas  
Drilling Contractor: L. D. Drilling, Inc -  
Rig 1  
Elevation: 2548 GL  
Field Name: Pollnow SE  
Pool: Pool Ext  
Job Number: 409  
API #: 15-039-21266-00-00

**Operation:**  
Uploading recovery &  
pressures

**DATE**  
January  
**20**  
2020

**DST #3      Formation: LKC "G-  
J"**      **Test Interval: 3622 -  
3740'**      **Total Depth: 3740'**  
Time On: 03:45 01/20      Time Off: 10:23 01/20  
Time On Bottom: 05:52 01/20      Time Off Bottom: 08:37 01/20

Recovered

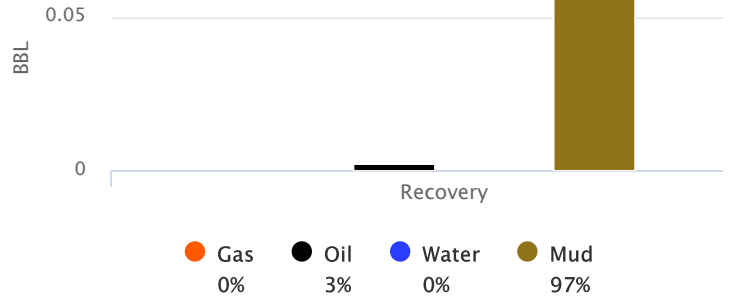
<u>Foot</u>	<u>BBLS</u>	<u>Description of Fluid</u>	<u>Gas %</u>	<u>Oil %</u>	<u>Water %</u>	<u>Mud %</u>
7	0.07182	SLOCM	0	3	0	97

Total Recovered: 7 ft  
Total Barrels Recovered: 0.07182

**Reversed Out  
NO**

Initial Hydrostatic Pressure	1723	PSI
Initial Flow	17 to 18	PSI
<b>Initial Closed in Pressure</b>	<b>171</b>	<b>PSI</b>
Final Flow Pressure	19 to 20	PSI
<b>Final Closed in Pressure</b>	<b>190</b>	<b>PSI</b>
Final Hydrostatic Pressure	1713	PSI
Temperature	115	°F
Pressure Change Initial Close / Final Close	0.0	%

**Recovery at a glance**



GIP cubic foot volume: 0



**Company: BlueRidge  
Petroleum Corporation  
Lease: Tally #1-1**

SEC: 1 TWN: 3S RNG: 29W  
County: DECATUR  
State: Kansas  
Drilling Contractor: L. D. Drilling, Inc -  
Rig 1  
Elevation: 2548 GL  
Field Name: Pollnow SE  
Pool: Pool Ext  
Job Number: 409  
API #: 15-039-21266-00-00

**Operation:**

Uploading recovery &  
pressures

**DATE**

January  
**20**  
2020

<b>DST #3</b>	<b>Formation: LKC "G- J"</b>	<b>Test Interval: 3622 - 3740'</b>	<b>Total Depth: 3740'</b>
	Time On: 03:45 01/20	Time Off: 10:23 01/20	
	Time On Bottom: 05:52 01/20	Time Off Bottom: 08:37 01/20	

**BUCKET MEASUREMENT:**

*Diesel in Bucket*

1st Open: 1/4" Blow built to 2 1/4" over 30 min.

1st Close: No Return

2nd Open: Weak Surface Blow built to 1/8" over 45 min.

2nd Close: No Return

**REMARKS:**

Tool Sample: 0% Gas 5% Oil 0% Water 95% Mud



**Company: BlueRidge  
Petroleum Corporation  
Lease: Tally #1-1**

SEC: 1 TWN: 3S RNG: 29W  
County: DECATUR  
State: Kansas  
Drilling Contractor: L. D. Drilling, Inc -  
Rig 1  
Elevation: 2548 GL  
Field Name: Pollnow SE  
Pool: Pool Ext  
Job Number: 409  
API #: 15-039-21266-00-00

**Operation:**  
Uploading recovery &  
pressures

**DATE**  
January  
**20**  
2020

**DST #3**      **Formation: LKC "G-  
J"**      **Test Interval: 3622 -  
3740'**      **Total Depth: 3740'**  
  
Time On: 03:45 01/20      Time Off: 10:23 01/20  
Time On Bottom: 05:52 01/20      Time Off Bottom: 08:37 01/20

**Down Hole Makeup**

<b>Heads Up:</b> 27.32 FT	<b>Packer 1:</b> 3617.38 FT
<b>Drill Pipe:</b> 3624.54 FT <i>ID-3 1/4</i>	<b>Packer 2:</b> 3622.38 FT
<b>Weight Pipe:</b> 0 FT <i>ID-2 7/8</i>	<b>Top Recorder:</b> 3609.38 FT
<b>Collars:</b> 0 FT <i>ID-2 1/4</i>	<b>Bottom Recorder:</b> 3625 FT
<b>Test Tool:</b> 26.16 FT <i>ID-3 1/2-FH</i>	<b>Well Bore Size:</b> 7 7/8
<b>Total Anchor:</b> 117.62	<b>Surface Choke:</b> 1"
<b>Anchor Makeup</b>	<b>Bottom Choke:</b> 5/8"
<b>Packer Sub:</b> 1 FT	
<b>Perforations: (top):</b> 18 FT <i>4 1/2-FH</i>	
<b>Change Over:</b> .5 FT	
<b>Drill Pipe: (in anchor):</b> 94.62 FT <i>ID-3 1/4</i>	
<b>Change Over:</b> .5 FT	
<b>Perforations: (below):</b> 3 FT <i>4 1/2-FH</i>	



**Company: BlueRidge  
Petroleum Corporation**

SEC: 1 TWN: 3S RNG: 29W  
County: DECATUR  
State: Kansas  
Drilling Contractor: L. D. Drilling, Inc -  
Rig 1  
Elevation: 2548 GL

**Operation:**  
Uploading recovery &  
pressures

# Lease: Tally #1-1

Field Name: Pollnow SE  
Pool: Pool Ext  
Job Number: 409  
API #: 15-039-21266-00-00

**DATE**  
January  
**20**  
2020

**DST #3**      **Formation: LKC "G-  
J"**      **Test Interval: 3622 -  
3740'**      **Total Depth: 3740'**  
Time On: 03:45 01/20      Time Off: 10:23 01/20  
Time On Bottom: 05:52 01/20      Time Off Bottom: 08:37 01/20

## Mud Properties

**Mud Type:** Chem      **Weight:** 8.9      **Viscosity:** 57      **Filtrate:** 8.8      **Chlorides:** 3000 ppm



**Operation:**

**Company: BlueRidge  
Petroleum Corporation**  
**Lease: Tally #1-1**

SEC: 1 TWN: 3S RNG: 29W  
County: DECATUR  
State: Kansas  
Drilling Contractor: L. D. Drilling, Inc -  
Rig 1  
Elevation: 2548 GL  
Field Name: Pollnow SE

Uploading recovery &  
pressures

Pool: Pool Ext  
Job Number: 409  
API #: 15-039-21266-00-00

**DATE**  
January  
**20**  
2020

**DST #3**    **Formation: LKC "G-  
J"**    **Test Interval: 3622 -  
3740'**    **Total Depth: 3740'**  
  
Time On: 03:45 01/20    Time Off: 10:23 01/20  
Time On Bottom: 05:52 01/20    Time Off Bottom: 08:37 01/20

**Gas Volume Report**

1st Open			
Time	Orifice	PSI	MCF/D

2nd Open			
Time	Orifice	PSI	MCF/D





**Musgrove**  
Petroleum Geology  
212 Main Street, Claflin KS

NOTES

Company: Blueridge Petroleum, Corp.

Lease: Tally #1-1

Field: Pollnow Southeast

Location: SW-NW-SE-SW (675' FSL & 1365' FWL)

Sec: 1 Twsp: 3S Rge: 29W

County: Decatur State: Kansas

KB: 2553' GL: 2548'

Contractor: LD Drilling (Rig #1)

Spud Date: 1/14/2020

Comp: 1/21/2020

RTD: 3820'

LTD: 3820'

Mud Up: 3100'

Type Mud: Chemical

Surface Casing: 8 5/8" @ 217'

Production Casing : 5 1/2" @3818'

Samples Saved From: 3200' to RTD

Drilling Time Kept From: 3200' to RTD

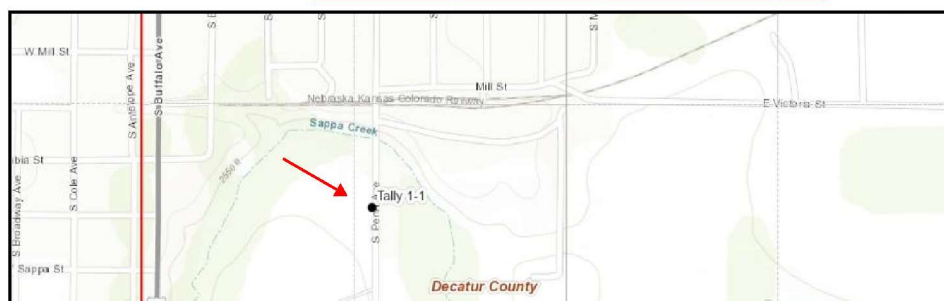
Samples Examined Fom: 3200' to RTD

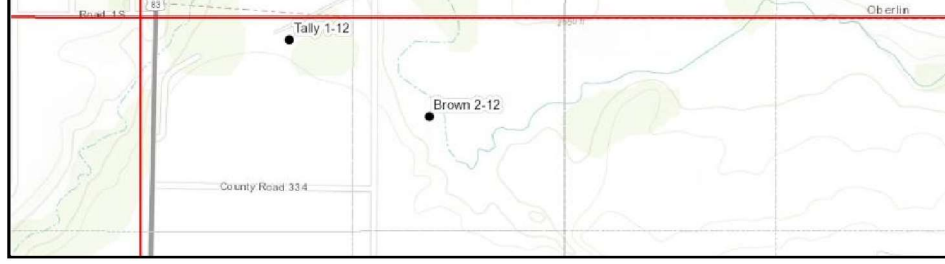
Geological Supervision From:

Geologist On Well: Jim Musgrove (3200-3610') & Wyatt Urban (3610'to RTD)

Electronic Surveys: Logged by ELI Wireline: DIL , MEL , CDL/CNL, Sonic

**TALLY #1-1, 1-3S-29W, DECATUR CO., KS.**



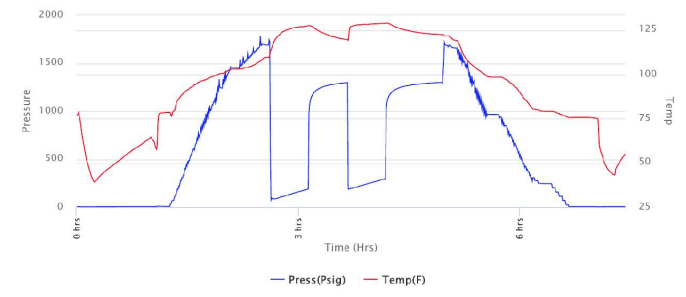


DRILLING				OIL				OIL				OIL										
OIL				BLUERIDGE PETROLEUM, CORP				BLUERIDGE PETROLEUM, CORP				BLUERIDGE PETROLEUM, CORP										
TALLY #1-1				TALLY #1-12				BROWN #2-12				THOMPSON-SMITH 4-11										
1-3S-29W				12-3S-29W				12-3S-29W (630' FSL & 1858' FEL)				12-3S-29W NW-SW-NE-NE										
KB	2553	GL	2548	KB	2567			KB	2555			KB	2572									
LOG		SAMPLE		LOG		LOG	SMPL.	SAMPLE		LOG	SMPL.	LOG		LOG	SMPL.							
FORMATION	DEPTH	DATUM	DEPTH 2	DATUM 3	DEPTH	DATUM 4	CORR.	Column 5	CORR. 6	Column 7	DEPTH 8	DATUM 9	CORR. 10	Column 11	CORR. 12	Column 13	DEPTH 14	DATUM 15	CORR. 16	Column 17	CORR. 18	Column 19
ANHYDRITE TOP	2260	293	2268	285	2277	290	+	3	-	5	2253	302	-	9	-	17						
ANHYDRITE BASE	2293	260	2290	263	2299	268	-	8	-	5	2291	264	-	4	-	1						
HEEBNER SH	3530	-977	3527	-974	3538	-971	-	6	-	3	3523	-968	-	9	-	6	3545	-973	-	4	-	6
TORONTO	3563	-1010	3566	-1013	3569	-1002	-	8	-	11	3556	-1001	-	9	-	12	3580	-1008	-	2	-	12
LANSING	3571	-1018	3575	-1022	3579	-1012	-	6	-	10	3564	-1009	-	9	-	13	3586	-1014	-	4	-	13
STARK	3725	-1172	3725	-1172	3734	-1167	-	5	-	5	3718	-1163	-	9	-	9	3738	-1166	-	6	-	9
HUSH. SH	3750	-1197	3746	-1193	3758	-1191	-	6	-	2	3744	-1189	-	8	-	4	3767	-1195	-	2	+	4
BKC	3771	-1218	3773	-1220	3774	-1207	-	11	-	13	3762	-1207	-	11	-	13	3786	-1214	-	4	-	13
RTD	3820	-1267	3820	-1267	3830	-1263	-	4	-	4	3810	-1255	-	12	-	12	3850	-1278	+	11	+	12
LTD	3820	-1267	3820	-1267	3832	-1265	-	2	-	2	3812	-1257	-	10	-	10	3850	-1278	+	11	+	10



**Company: BlueRidge Petroleum Corporation**  
**Lease: Tally #1-1**

SEC: 1 TWN; 3S RNG: 29W  
 County: DECATUR  
 State: Kansas  
 Drilling Contractor: L. D. Drilling, Inc - Rig 1  
 Elevation: 2548 GL  
 Field Name: Pollnow SE  
 Pool: Pool Ext  
 Job Number: 409  
 API #: 15-039-21266-00-00



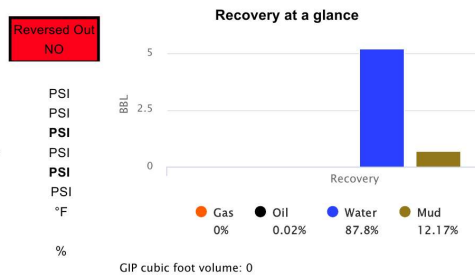
**Operation:**  
Well Complete

**DATE**  
January 18 2020

**DST #1** Formation: L/KC "A" Test Interval: 3563 - 3575' Total Depth: 3575'  
 Time On: 09:33 01/18 Time Off: 16:47 01/18  
 Time On Bottom: 12:06 01/18 Time Off Bottom: 14:21 01/18

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
136	1.39536	HMCW (trace oil)	0	.1	69.9	30
126	1.29276	SLMCW	0	0	90	10
189	1.93914	SLMCW	0	0	97	3
116	1.19016	SLMCW	0	0	99	1
10	0.1026	M	0	0	0	100

Total Recovered: 577 ft  
 Total Barrels Recovered: 5.92002



Initial Hydrostatic Pressure	1744	PSI
Initial Flow	86 to 181	PSI
Initial Closed in Pressure	1296	PSI
Final Flow Pressure	197 to 295	PSI
Final Closed in Pressure	1298	PSI
Final Hydrostatic Pressure	1689	PSI
Temperature	129	°F
Pressure Change Initial Close / Final Close	0.0	%

**BUCKET MEASUREMENT:**  
 1st Open: Blow building. BOB in 5 mins. 13 secs.  
 1st Close: Weak, surface blow back in 12 mins. building to 1/8 in. in 30 mins.  
 2nd Open: Blow building. BOB in 7 mins. 42 secs.  
 2nd Close: Weak, surface blow back in 12 mins. Did not build or die.

**REMARKS:**  
 Tool slid approx. 10 ft. to bottom.  
 Tool Sample: 0% Gas .1% Oil 94.9% Water 5% Mud  
 Ph: 7  
 Measured RW: .11 @ 42 degrees °F  
 RW at Formation Temp: 0.04 @ 129 °F  
 Chlorides: 82,000 ppm



**Company: BlueRidge Petroleum Corporation**  
**Lease: Tally #1-1**

SEC: 1 TWN; 3S RNG: 29W  
 County: DECATUR  
 State: Kansas  
 Drilling Contractor: L. D. Drilling, Inc - Rig 1  
 Elevation: 2548 GL  
 Field Name: Pollnow SE  
 Pool: Pool Ext  
 Job Number: 409  
 API #: 15-039-21266-00-00



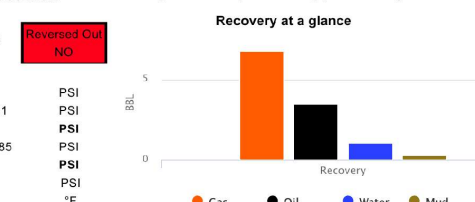
**Operation:**  
Well Complete

**DATE**  
January 19 2020

**DST #2** Formation: L/KC "C&D" Test Interval: 3585 - 3612' Total Depth: 3612'  
 Time On: 01:30 01/19 Time Off: 09:42 01/19  
 Time On Bottom: 03:56 01/19 Time Off Bottom: 06:56 01/19

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
598	6.13548	G	100	0	0	0
220	2.2572	SLGCO	10	90	0	0
63	0.64638	HGCHMCO	30	40	0	30
126	1.29276	SLGCO	10	90	0	0
63	0.64638	SLOCSLGC/SLMCW	10	5	75	10
63	0.64638	SLOCSLMCW	0	1	94	5

Total Recovered: 1133 ft  
 Total Barrels Recovered: 11.62458



Initial Hydrostatic Pressure	1719	PSI
Initial Flow	27 to 111	PSI
Initial Closed in Pressure	543	PSI
Final Flow Pressure	121 to 185	PSI
Final Closed in Pressure	549	PSI
Final Hydrostatic Pressure	1700	PSI
Temperature	126	°F

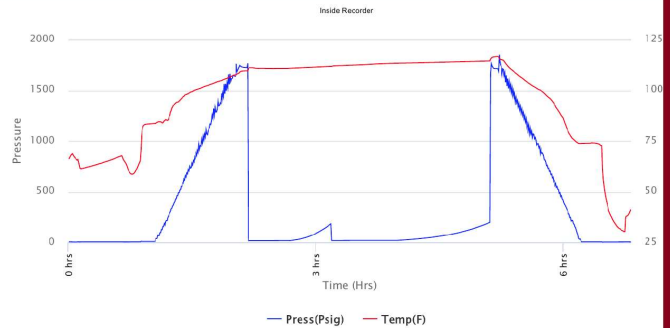
**BUCKET MEASUREMENT:**  
 Diesel in Bucket  
 1st Open: Blow building. BOB in 9 mins. 15 secs.  
 1st Close: Surface blow back in 3 mins. building to 5 1/4 ins.  
 2nd Open: Blow building. BOB in 8 mins. 34 secs.  
 2nd Close: Blow back building to 7 1/4 ins. in 60 mins.

**REMARKS:**  
 Tool Sample: 10% Gas 5% Oil 75% Water 10% Mud  
 Gravity: 35.8 @ 60 °F  
 Ph: 7



**Company: BlueRidge Petroleum Corporation**  
**Lease: Tally #1-1**

SEC: 1 TWN: 3S RNG: 29W  
 County: DECATUR  
 State: Kansas  
 Drilling Contractor: L. D. Drilling, Inc - Rig 1  
 Elevation: 2548 GL  
 Field Name: Pollnow SE  
 Pool: Pool Ext  
 Job Number: 409  
 API #: 15-039-21266-00-00



**DATE**  
 January 20 2020

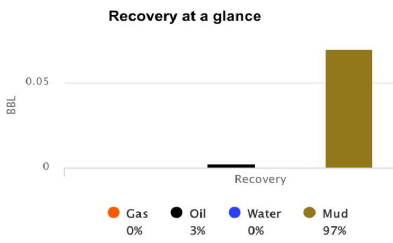
DST #3    Formation: L/KC "G-J"  
 Test Interval: 3622 - 3740'    Total Depth: 3740'  
 Time On: 03:45 01/20    Time Off: 10:23 01/20  
 Time On Bottom: 05:52 01/20    Time Off Bottom: 08:37 01/20

Recovered Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
7	0.07182	SLOCM	0	3	0	97

Total Recovered: 7 ft  
 Total Barrels Recovered: 0.07182

Reversed Out  
 NO

Initial Hydrostatic Pressure	1723	PSI
Initial Flow	17 to 18	PSI
Initial Closed in Pressure	171	PSI
Final Flow Pressure	19 to 20	PSI
Final Closed in Pressure	190	PSI
Final Hydrostatic Pressure	1713	PSI
Temperature	115	°F
Pressure Change Initial	0.0	%



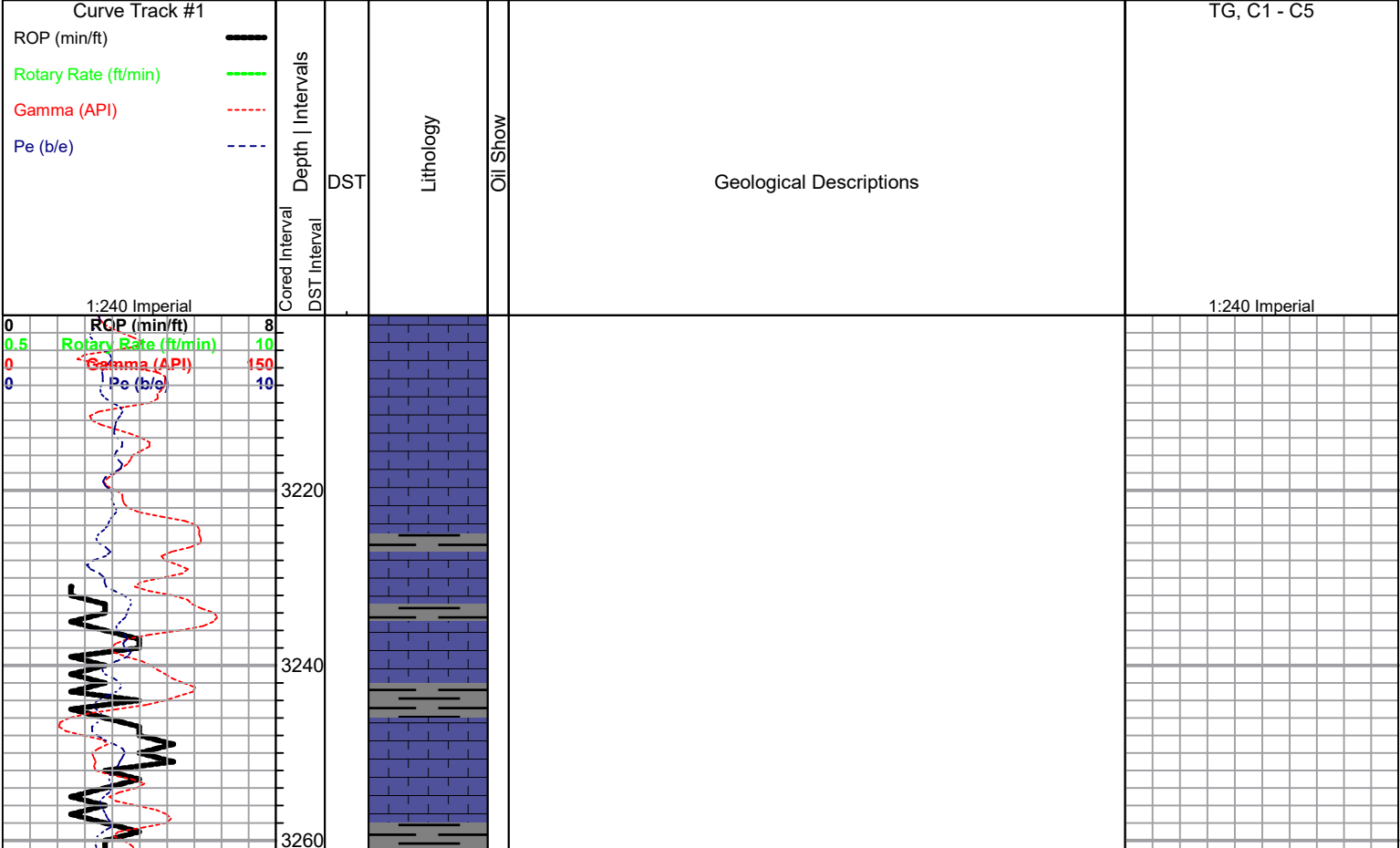
**BUCKET MEASUREMENT:**  
 Diesel in Bucket  
 1st Open: 1/4 in. blow building to 2 1/4 ins. in 30 mins.  
 1st Close: No blow back.  
 2nd Open: Weak, surface blow building to 1/8 in. in 45 mins.  
 2nd Close: No blow back.

**REMARKS:**  
 Tool Sample: 0% Gas 5% Oil 0% Water 95% Mud

### LEGEND

- Oil Show**
- Good Show
  - Fair Show
  - Poor Show
  - Spotted or Trace
  - Questionable Stn
  - D Dead Oil Stn
  - Fluorescence
  - \* Gas
- DST**
- DST Int
  - DST alt
  - Core
  - tail pipe

Printed by GEOstrip VC Striplog version 4.0.8.15 (www.grsi.ca)

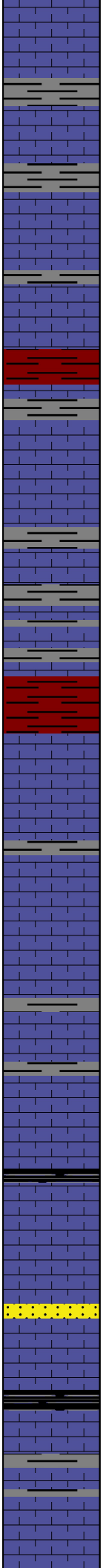


Poor sample Quality

3280  
3300  
3320  
3340  
3360  
3380  
3400  
3420  
3440  
3460  
3480

RCP (min/ft) 8  
0.5 Rotary Rate (ft/min) 10  
0 Gamma (API) 150  
0 Ps (b/e) 10

RCP (min/ft) 8  
0.5 Rotary Rate (ft/min) 10  
0 Gamma (API) 150  
0 Ps (b/e) 10



Sh, gry , rusty brown

LS, white, gry, foss, no shows

Sh, rusty brn, maroon

LS, white, highly ool, chalky, poor vis. porosity, no shows

Sh, red, rusty brn, sandy in pts

LS, white, gry, crm, foss, ool, chalky,

LS, a/a, sparry calcite xln , no shows.

A/a , sparry calcite, cherty, no shows

LS, white, gry fxl, foss/ ool, sl. cherty, poor vis. por., no shows.

Sh., black carb

Tr. LS, yellow, gry, cherty (dense)

Tr. sd., gry, vfg., sub rounded, poor porosity

LS, white, gry, maroon tinted, foss, chalky-->cherty, (dense)

Sh, maroon, red & green sh

LS, white, gry, foss, chalky, poorly dev. por., no shows

**Strap+31'**  
**Log was Corrected**  
**@ 3612'**

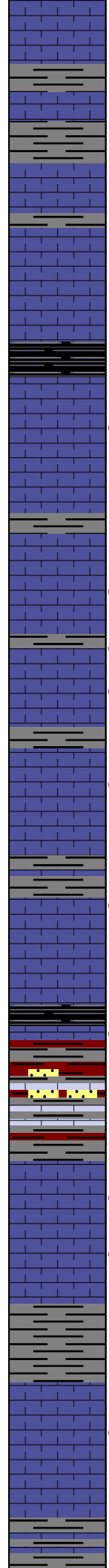
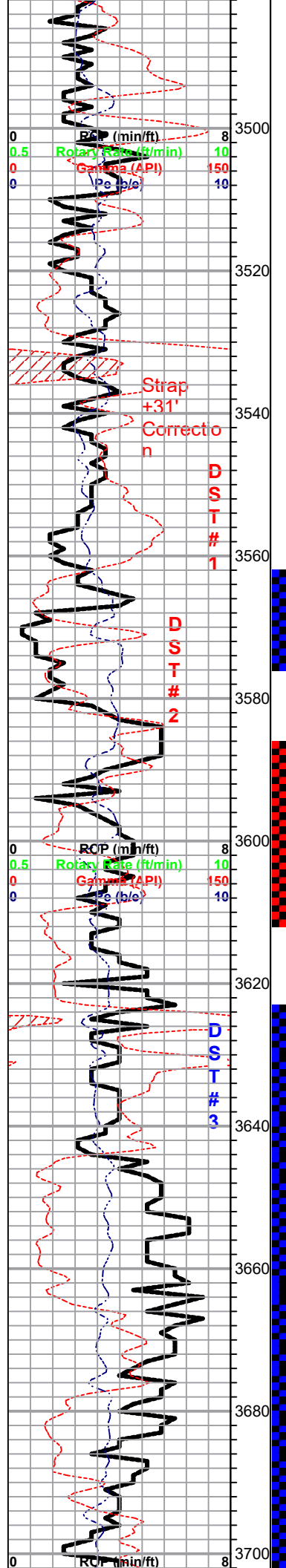
**DST#1 3563-3575**  
**30-30-45-45**

**1st Open:**  
BOB 5.13 mins

**1st Shut-in:**  
Weak surface blow

**2nd Open:**  
BOB 7.42 mins

**Recovery:**  
577' HMCW tr. Oil  
(87.8%W, 12.%M.



LS, white, clr, highly oom, highly foss, f-med xln, scattered porosity,

Tr. LS, white, cherty, tr. blk stain, nsfo, no odor

Tr. LS, white, clear, highly dolomitic, f- med xln, scatt por. , no shows

Tr. LS, white, highly chalky, tr. blk stain , nsfo , no odor

**Heebner corr. 3527.0 (-974.0)**

Sh, black carb

LS, white, fxl, chalky, tr. blk stain , nsfo, no odor

Sh, maroon, red, silty

Tr. LS, white, glauc., chalky, no shows

**Toronto corr. 3566.0 (-1013.0)**

LS, white, crm, few foss, chalky, poor vis. porosity, no shows

**Lansing corr. 3575.0 (-1022.0)**

LS, white, fxl, few finely oom, fr. oom vuggy por., tr. brn stain, sfo, no odor

LS, wht, crm, fxl, fair to good p.p. por., vuggy por. brn stain/ sat, sfo, ??? odor

LS, gry white, f- med xln, foss, ool, scatt por., gry brn stain / sat, sfo, ft. odor

LS, gry, dense, sl. cherty , poor p.p. / vuggy por., tr. dk blk spty stain, tr. spty sfo, no odor

Sh, maroon, gry sdy/ dolomitic, free oil abund. in sample tray (traces from DST #2) .

Sh, a/a (red-wash in samples) soft

LS, sl.dolomitic, f- med xln, poor inxln por.,lt. blk stain , brn spty sfo ,ft. odor ,

Tr. LS, white, poor scattered p.p. - vuggy por., sl. chalky tr. brn - blk stain , weak spty blk sfo, v. ft. odor, lt. flur. cut.

LS, white, mic. ool/ foss, poor vis. por., sl. chalky, nsfo, no odor

Tr. sh. maroon, gry silty soft,

Tr. LS, white cream, mottled, dense, poor vis. por., few p.p. type por., tr. Lt. spty dk black stains, weak dk blk sfo, no odor

LS, tan, crm, foss, poorly developed por., dense,nsfo, no odor

.02%O)  
**BHP :**  
 1296-1296 psi

**DST#2 3585-3612**  
**45-45-45-60**

**1st Open:**  
 BOB 9 mins

**1st Shut in-**  
 slight return building to 5.25"

**2nd Open:**  
 BOB 8 mins.

**2nd Shut in :**  
 7.25" return

**Recovery :**  
 598' GIP  
 409' MCGO  
 126 SOCMW

**BHP:**  
 543-549 psi

**JIM MUSGROVE**  
 (3200-3612)

-----  
 ----  
**WYATT URBAN**  
 (3612-RTD)

**ABUNDANT FREE OIL**  
**FLOATING IN TRAY -**

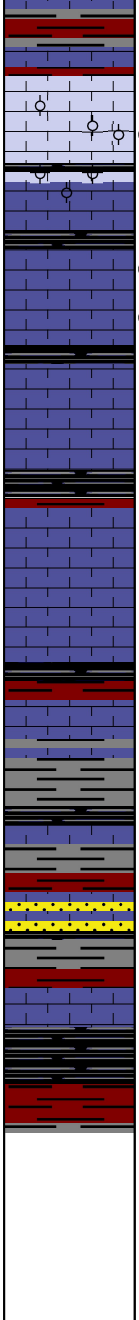
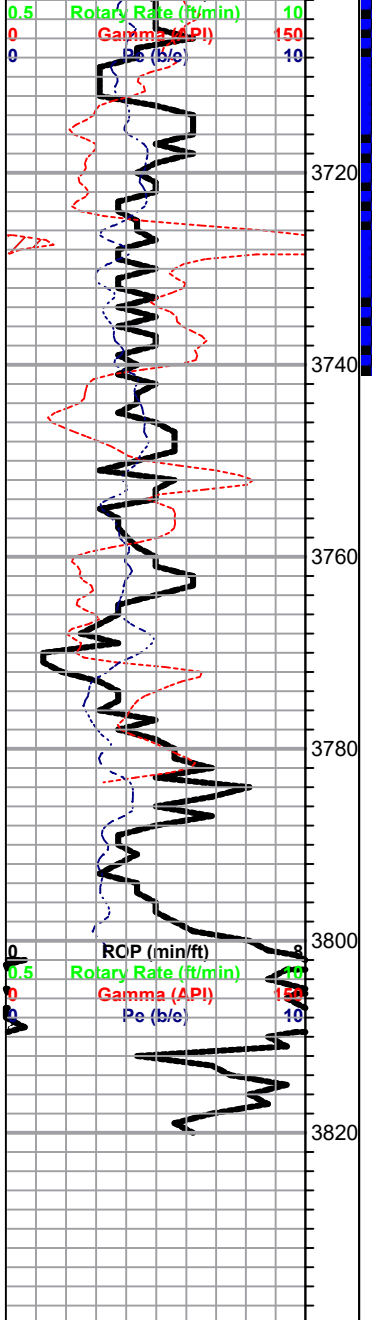
**DST #3 3622-3740**  
**30-30-45-45**

**1st Open:**  
 Weak 1/4" blow

**2nd Open:**  
 Weak Surface blow

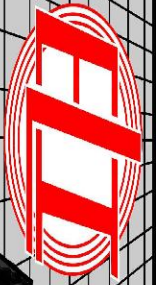
**Recovery:**  
 7' Mud

**BHP:**  
 171-190 psi



Slug maroon, soft silty .  
 Tr. LS, tan crm, few foss, dense, poorly developed vuggy por., chalky in pts, nsfo ,  
 40 min. cfs- LS, foss/ool, fr. p.p. type por, sl. chalky, weak golden brn spotty sfo (sl. flakey) ??? odor  
 Tr. blk carb Sh (??? caving)  
 LS, white, crm, dense, few gran., poor vuggy type por., on few, chalky,, tr. spotty dk brn to blk flakey sfo, no odor  
40 min. - LS, brn, tan, dense, poor p.p. por., dk blk spotty stain, blk spotty sfo(weak), no odor  
 slug blk carb. sh.  
 LS, white, dense, poor pors., few cherty, no shows no odor  
BKC 3773.0 (-1220.0)  
 Sh, maroon, soft silty/sandy  
 Tr. dk gry platey sh,  
 Tr. LS, white, highly foss, v. chalky, poor vuggy type por., no shows no odor  
 Sh, maroon, red soft, silty  
 abundt dk gry- blk, green sh. tr. soft maroon rusty red sh. Tr. sd. med grain, well sorted, good inner gran. por., no shows. no odor  
 Sh, a/a, tr. LS, white, FXL dense, poor vis. porosity, no shows, no odor  
 Abund. soft gry red rusty sh. no shows , no odor  
RTD 3820.0 (-1267.0)  
LTD 3820.0 (-1267.0)

**POOR SAMPLES DUE TO SOFT SHALES.**  
C.F.S. @ 3720'  
**20/40/60**  
C.F.S. @ 3740'  
**20/40/60**  
C.F.S @ 3820'  
**20/40/60**



**DUAL  
INDUCTION  
LOG**

Company **BLUERIDGE PETROLEUM CORPORATION**  
 Well **TALLY #1-1**  
 Field **POLLNOW**  
 County **DECATUR** State **KANSAS**

Location: **API # : 15-039-21266-0000**  
**675' FSL & 1405' FWL**  
**SW - NW - SE - SW**  
 SEC 1 TWP 3S RGE 29W  
 Permanent Datum **GROUND LEVEL Elevation 2548**  
 Log Measured From **KELLY BUSHING 5' A.G.L**  
 Drilling Measured From **KELLY BUSHING**

Company **BLUERIDGE PETROLEUM CORPORATION**  
 Well **TALLY #1-1**  
 Field **POLLNOW**  
 County **DECATUR**  
 State **KANSAS**

Date	1/21/20		
Run Number	ONE		
Depth Driller	3820		
Depth Logger	3820		
Bottom Logged Interval	3818		
Top Log Interval	00		
Casing Driller	8 5/8" @ 217'		
Casing Logger	217'		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 3300 PPM	
Density / Viscosity	9.2/49		
pH / Fluid Loss	11.0/7.2		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.95 @ 56F		
Rmf @ Meas. Temp	.71 @ 56F		
Rmc @ Meas. Temp	1.14 @ 56F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.46 @ 114F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	////		
Maximum Recorded Temperature	114F		
Equipment Number	3802		
Location	HAYS, KANSAS		
Recorded By	JASON CAPPELLUCCI		
Witnessed By	WYATT URBAN		

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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 ELI WIRELINE SERVICES, HAYS, KS. ( 785 ) 628-6395  
 DIRECTIONS  
 OBERLIN, KS. - AT HWY 83 & HWY 36 - EAST TO N. PENN AVE. - SOUTH TO EDGE OF TOWN  
 WEST INTO

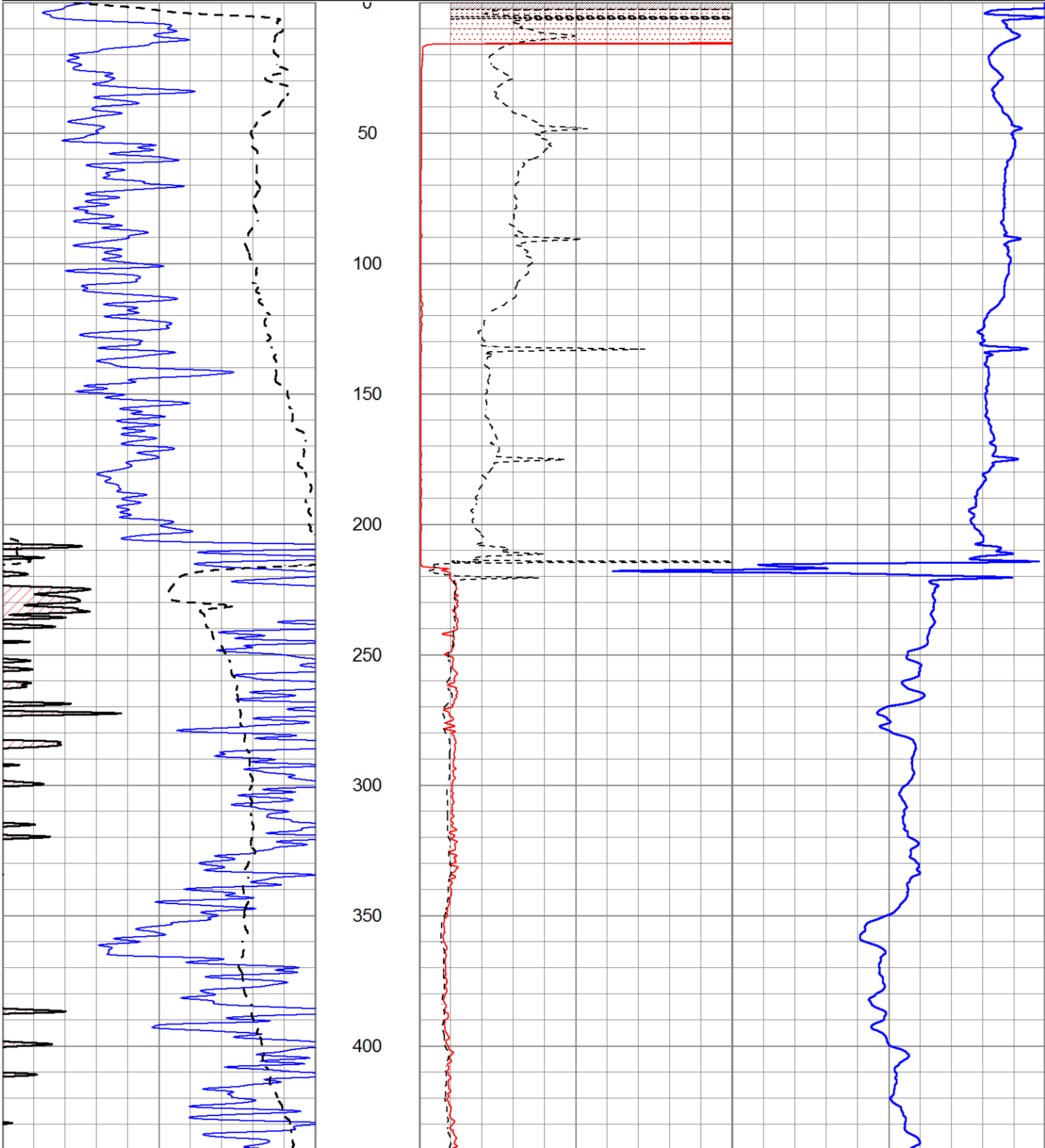


**MAIN SECTION**

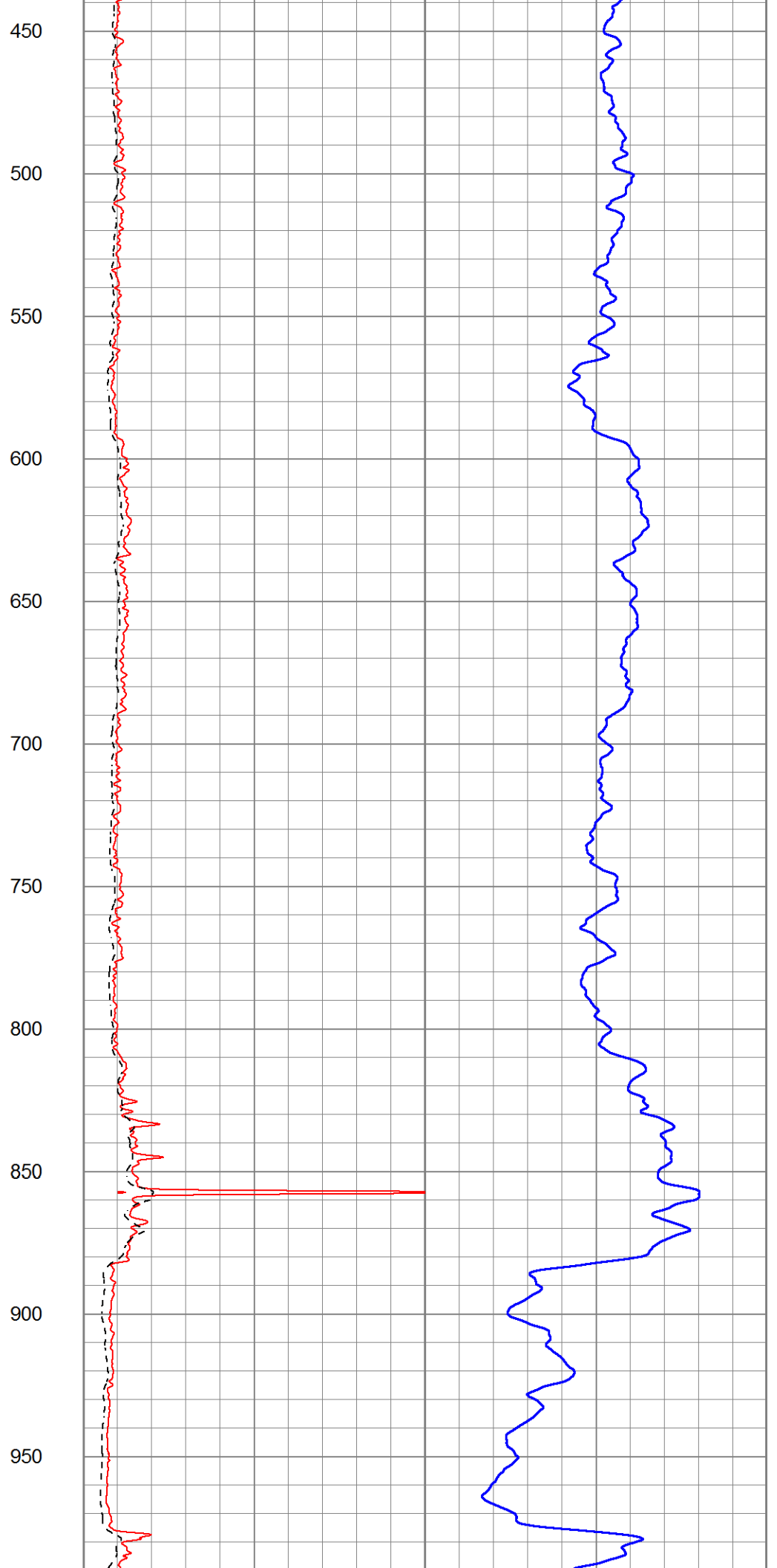
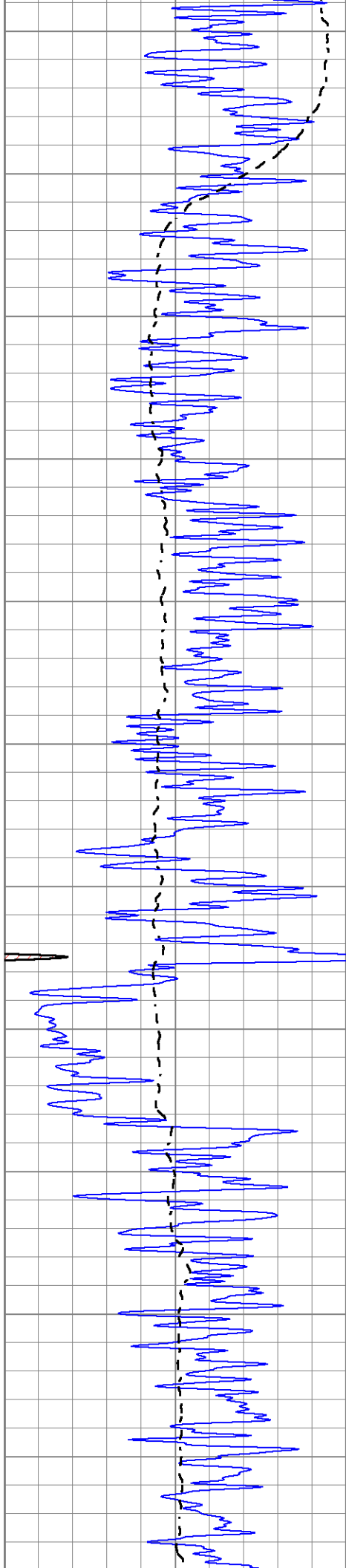
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 Presentation Format \_dil2  
 Dataset Creation Tue Jan 21 03:20:44 2020  
 Charted by Depth in Feet scaled 1:600

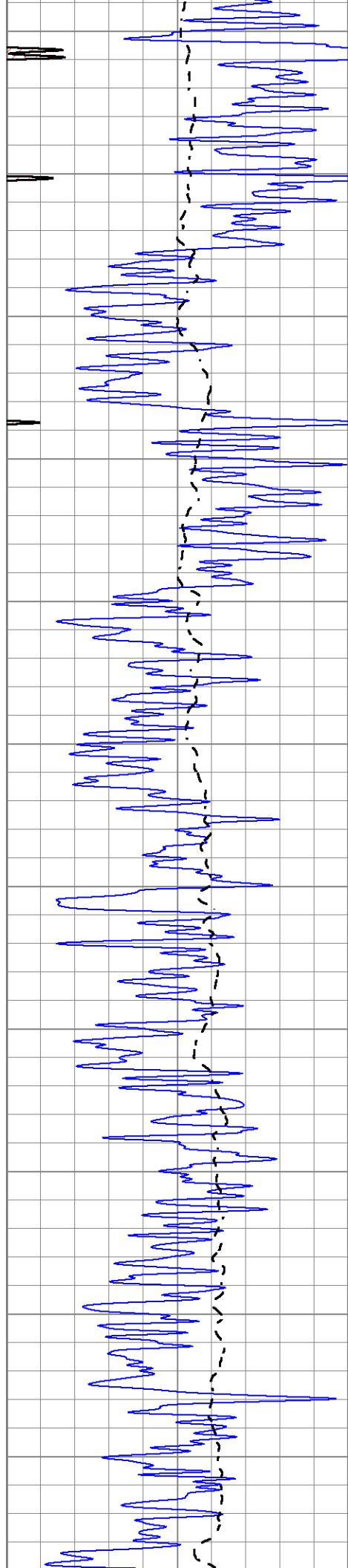
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-100	SP (mV)	100

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

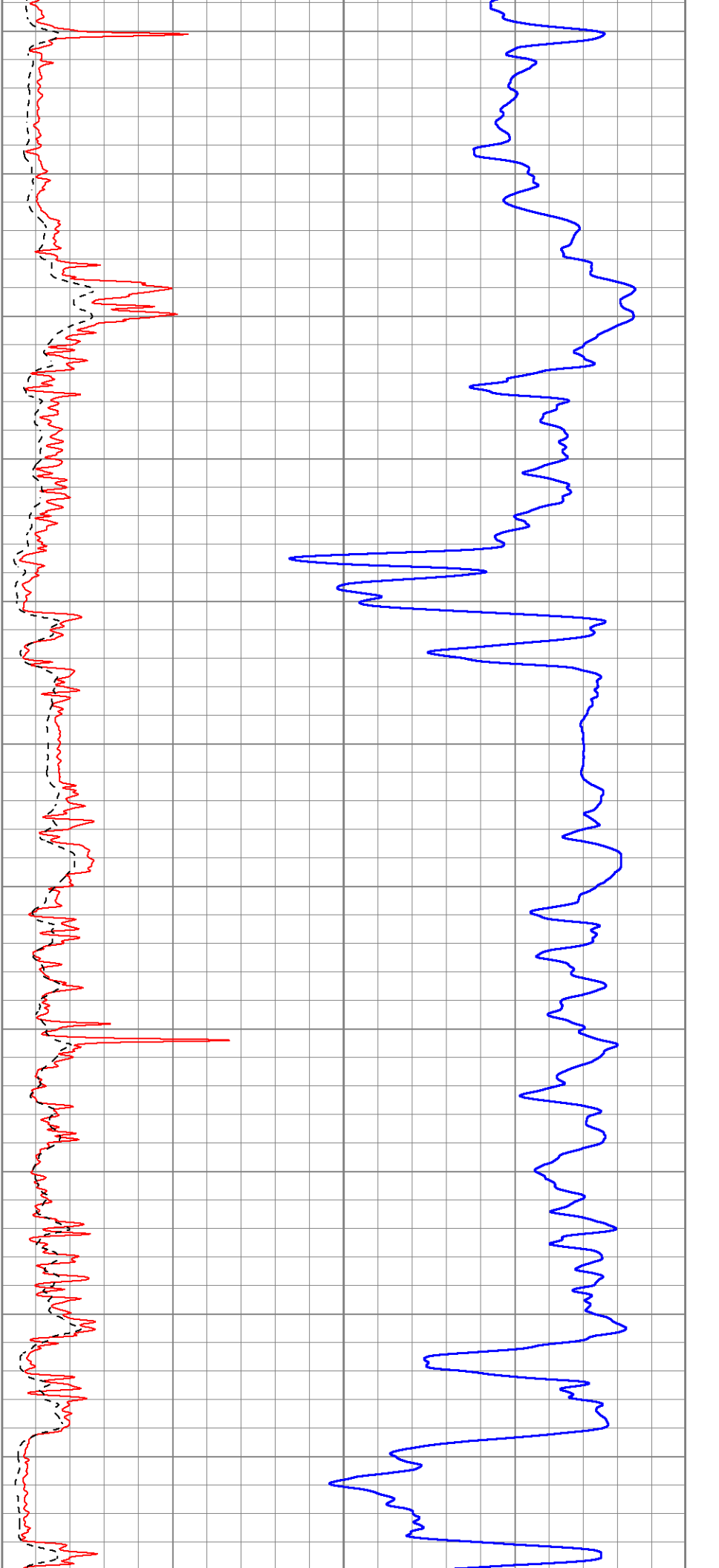


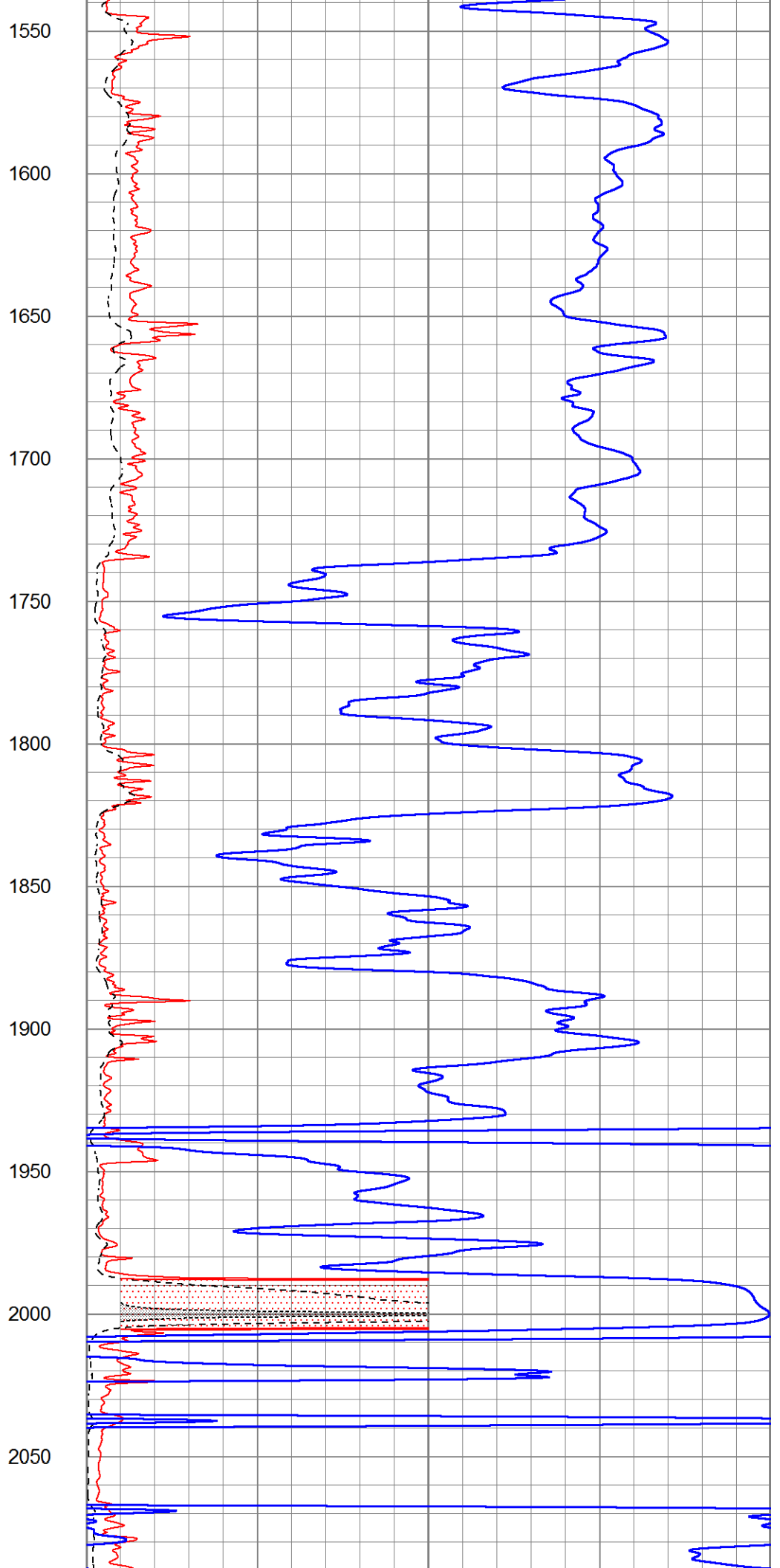
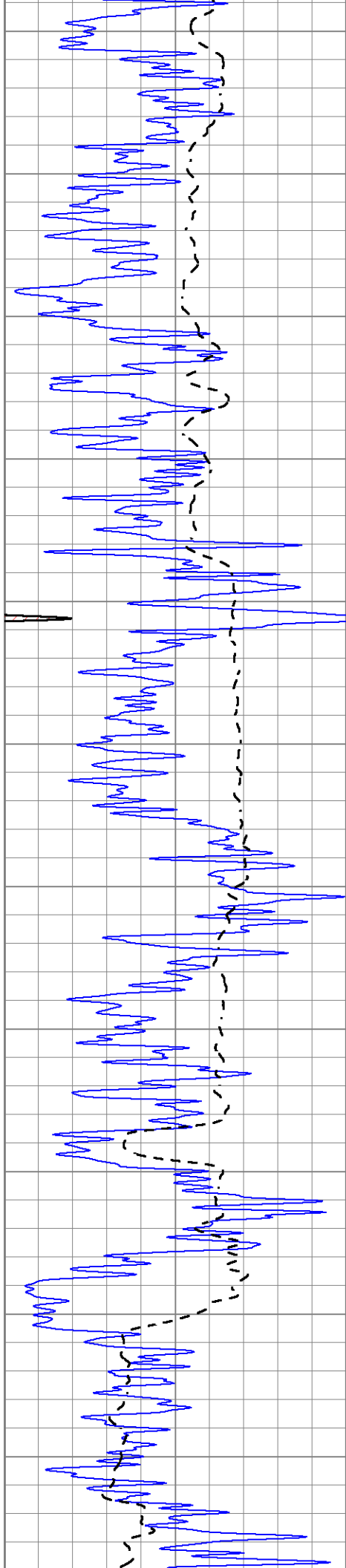


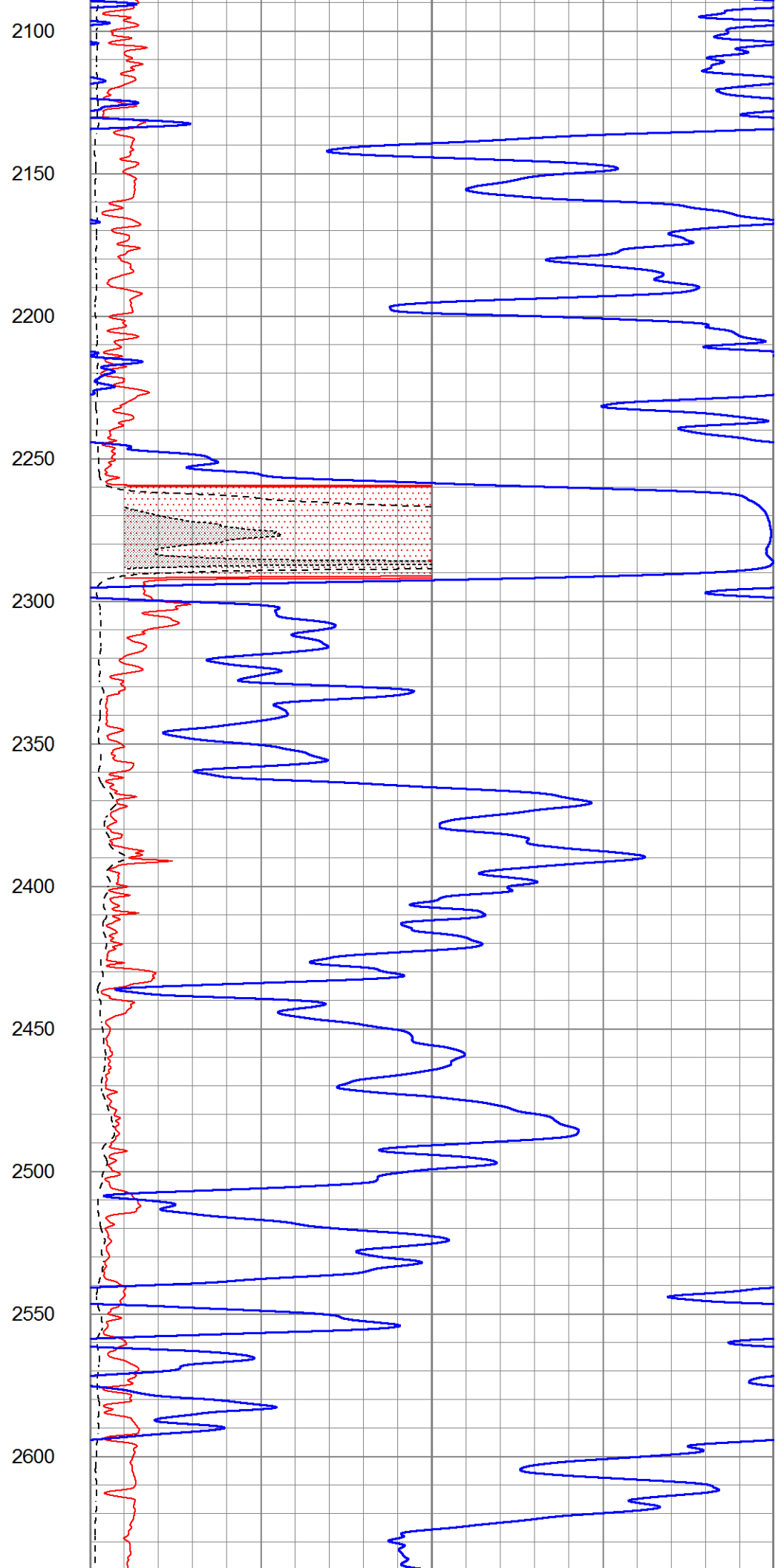
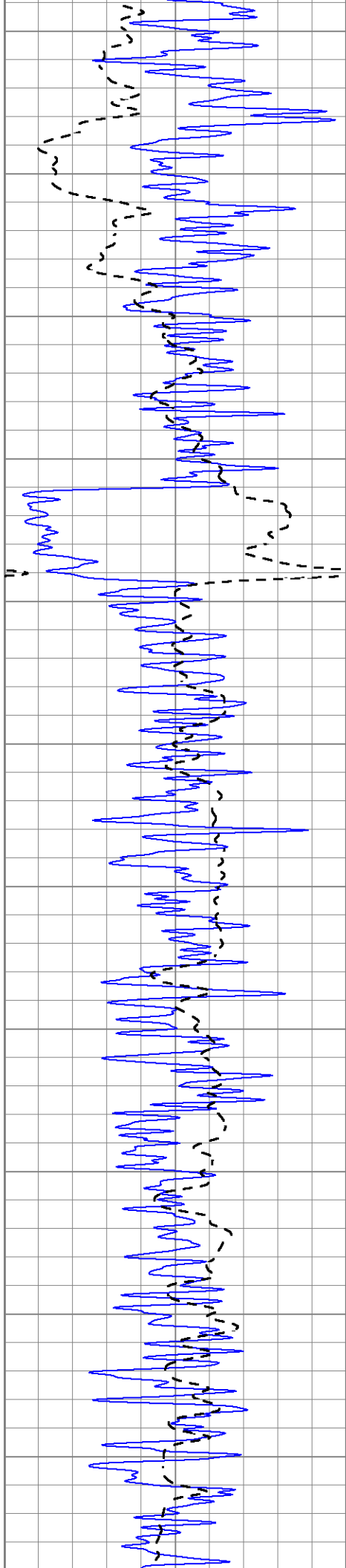


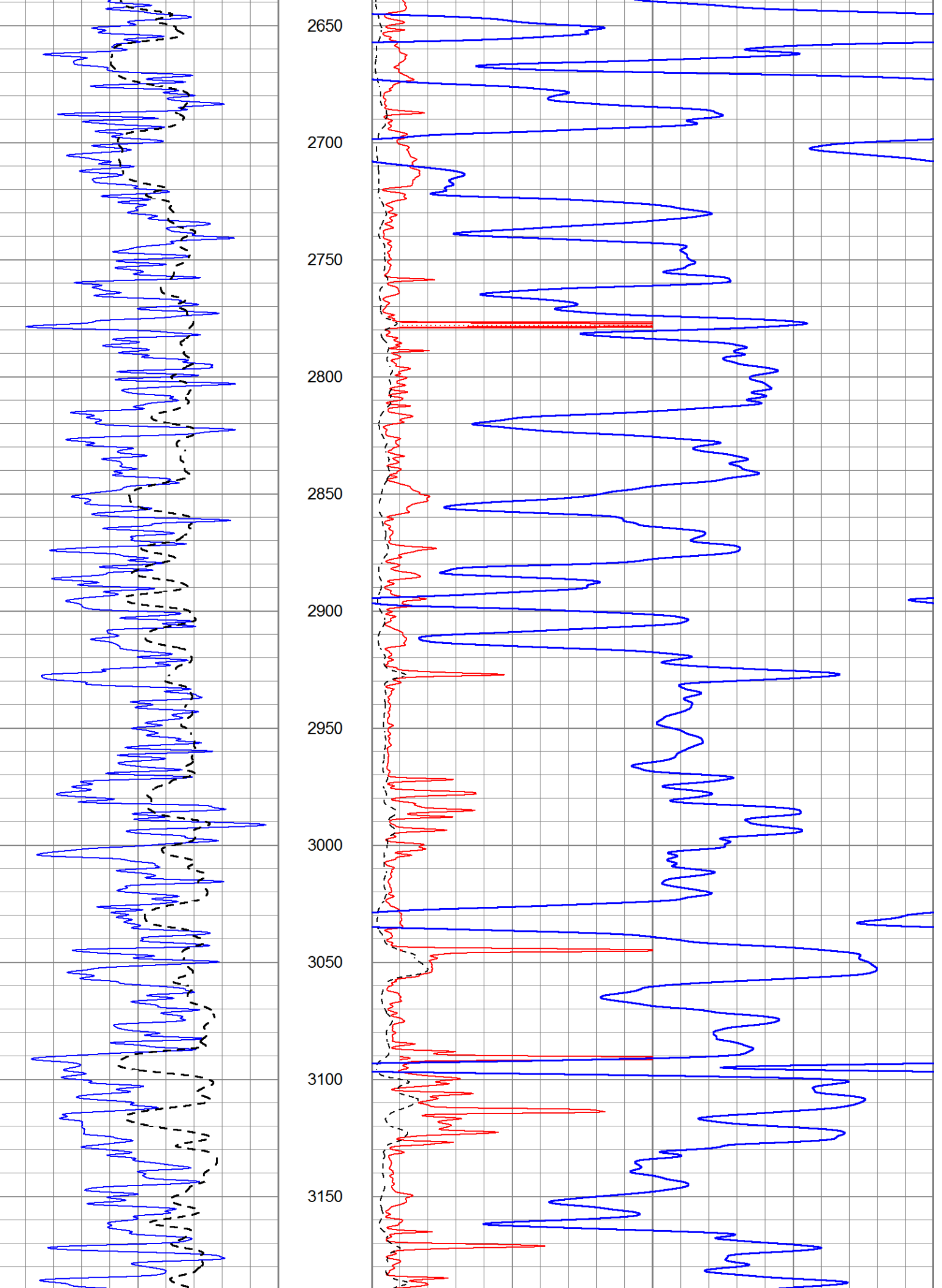


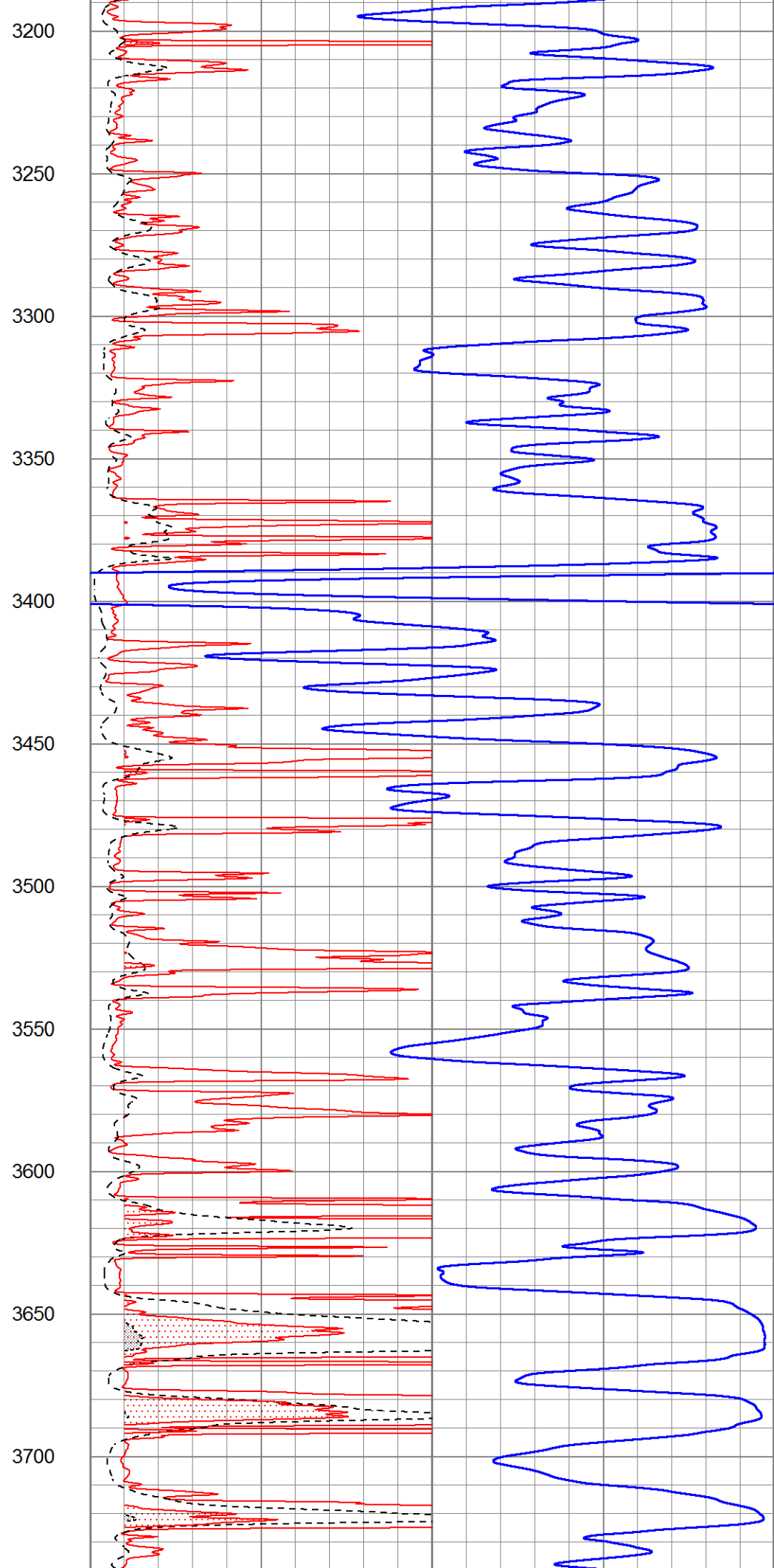
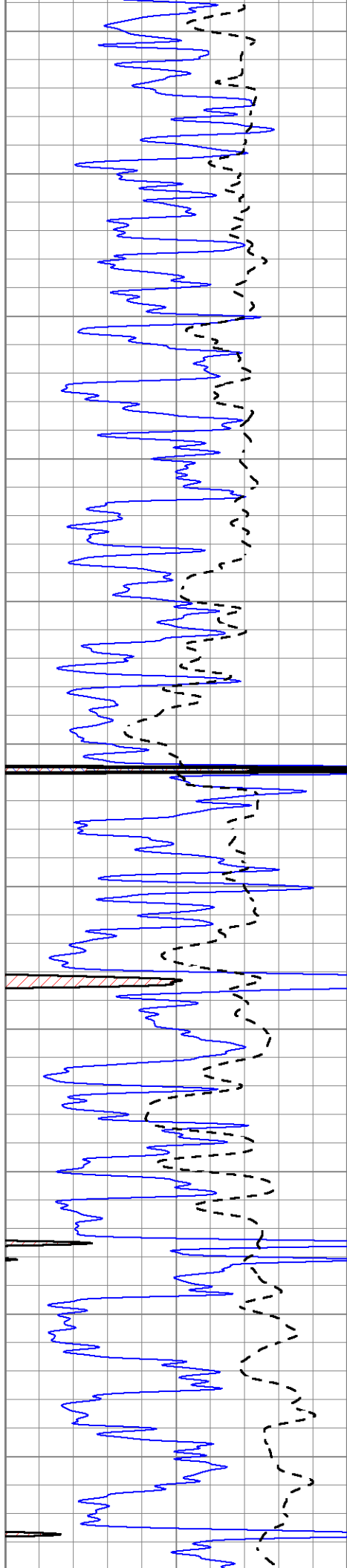
1000  
1050  
1100  
1150  
1200  
1250  
1300  
1350  
1400  
1450  
1500

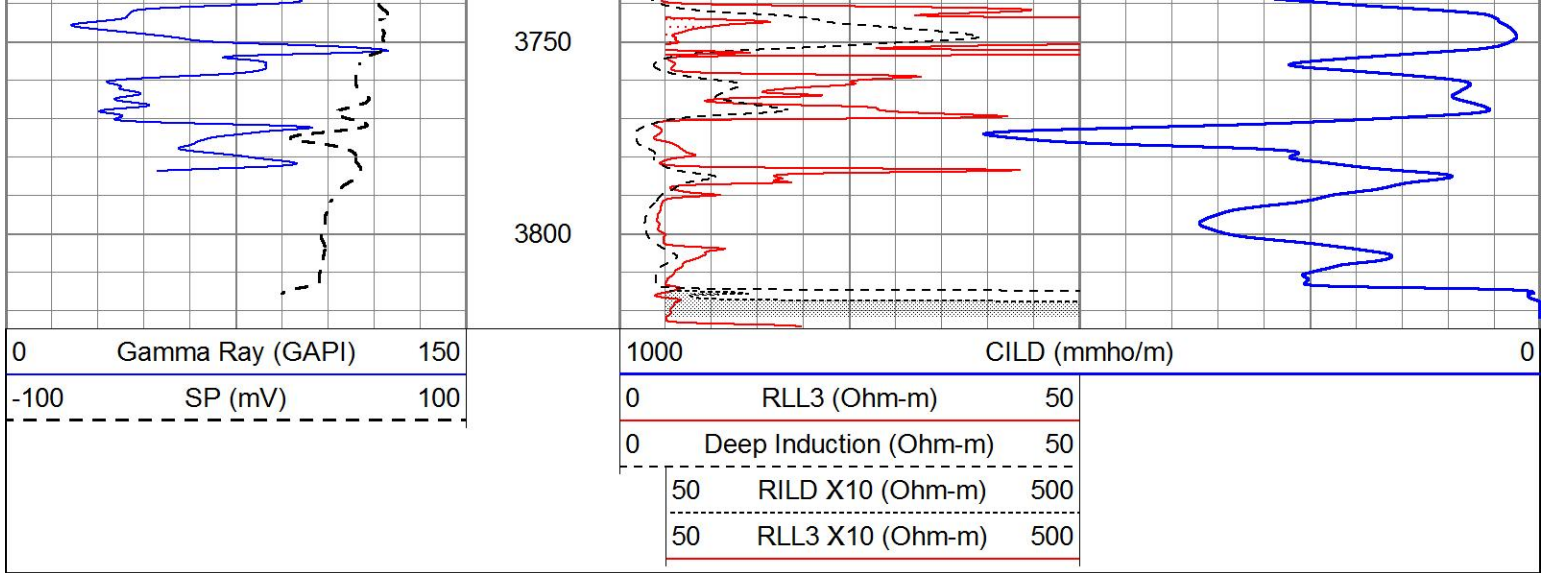








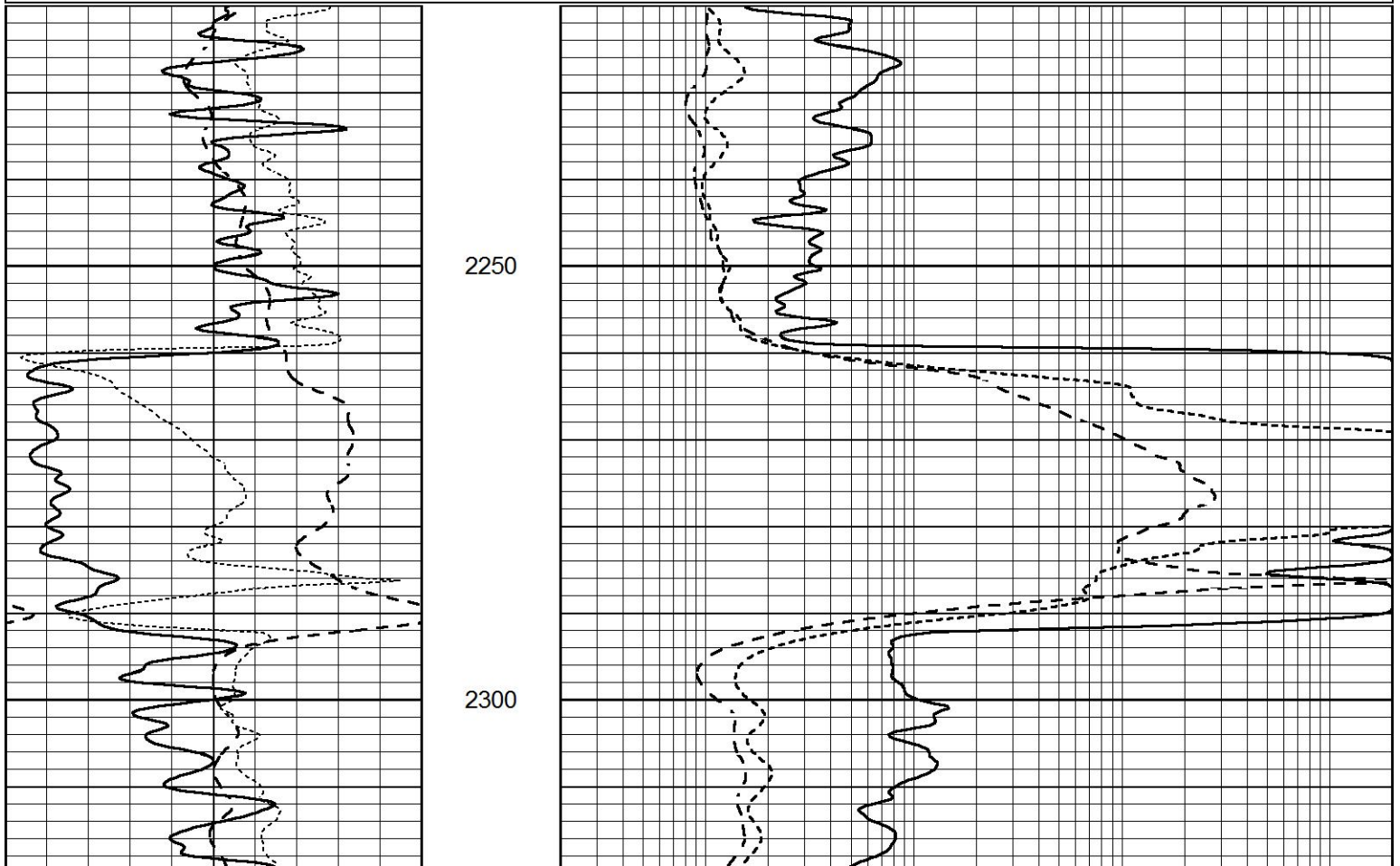


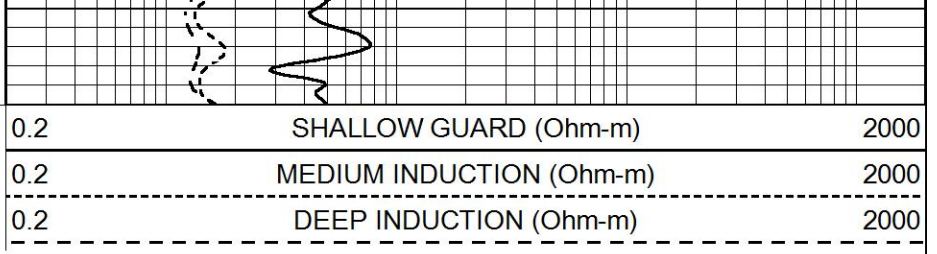
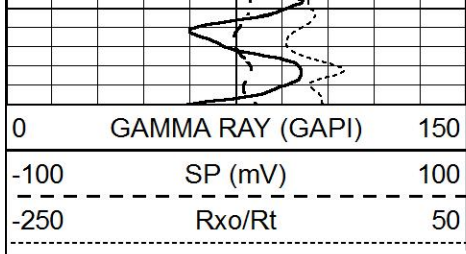


# ANHYDRITE

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 Presentation Format \_dil  
 Dataset Creation Tue Jan 21 02:11:20 2020  
 Charted by Depth in Feet scaled 1:240

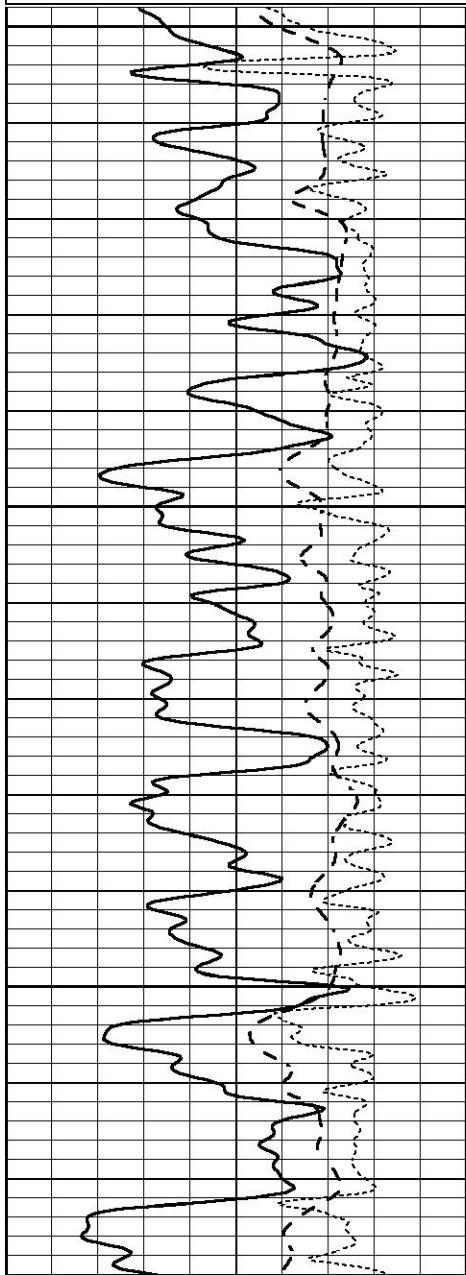
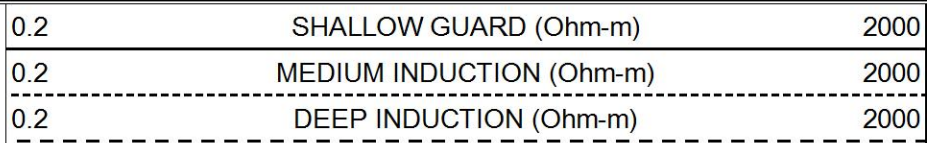
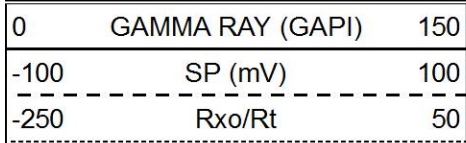
0	GAMMA RAY (GAPI)	150	0.2	SHALLOW GUARD (Ohm-m)	2000
-100	SP (mV)	100	0.2	MEDIUM INDUCTION (Ohm-m)	2000
-250	Rxo/Rt	50	0.2	DEEP INDUCTION (Ohm-m)	2000





# MAIN SECTION

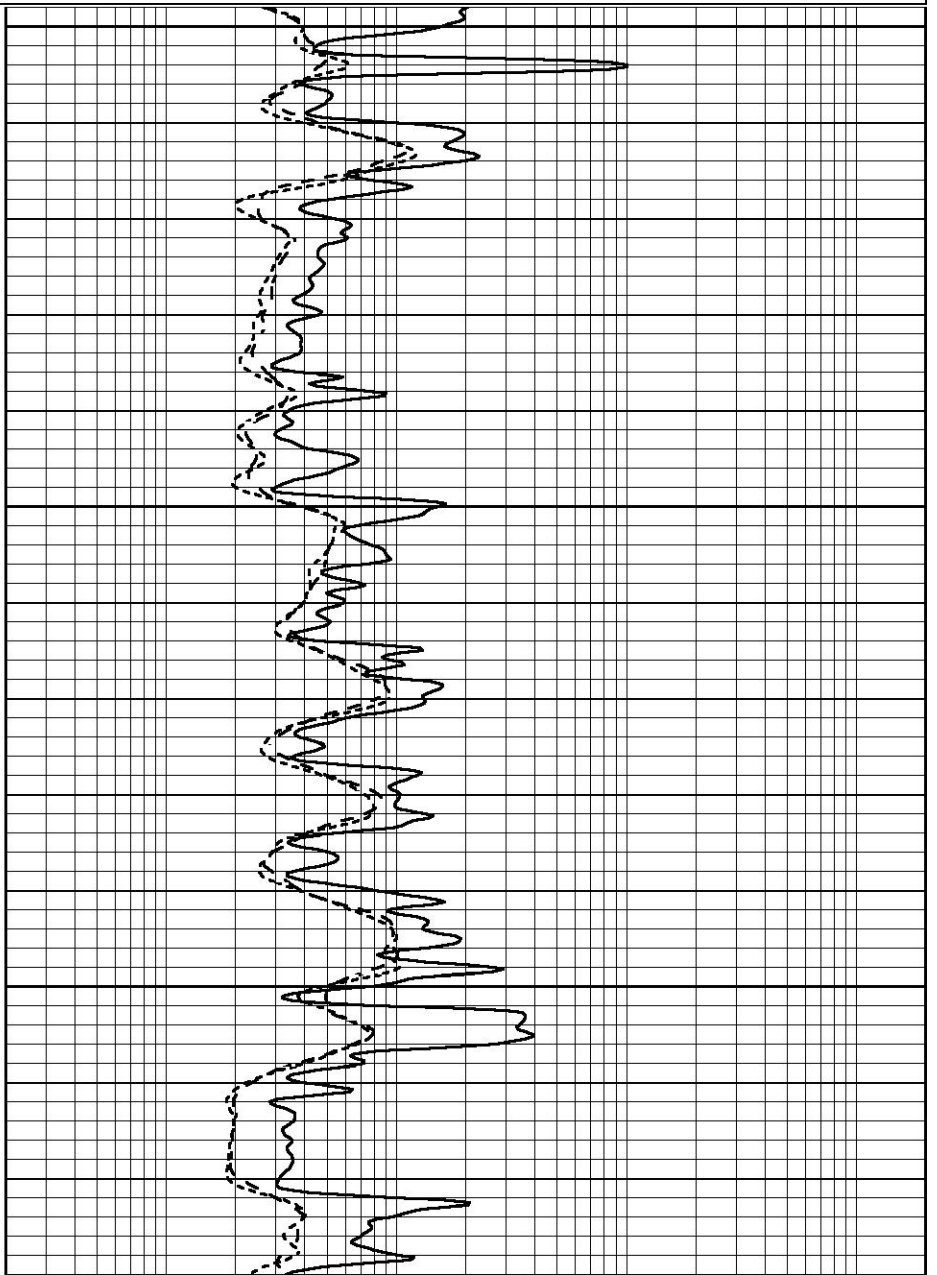
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 Presentation Format \_dil  
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 Charted by Depth in Feet scaled 1:240



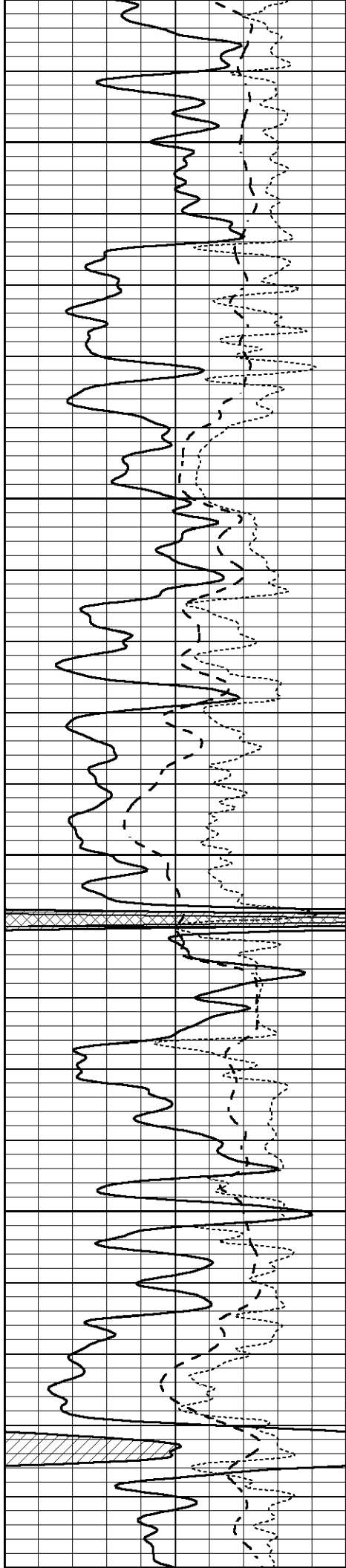
3200

3250

3300







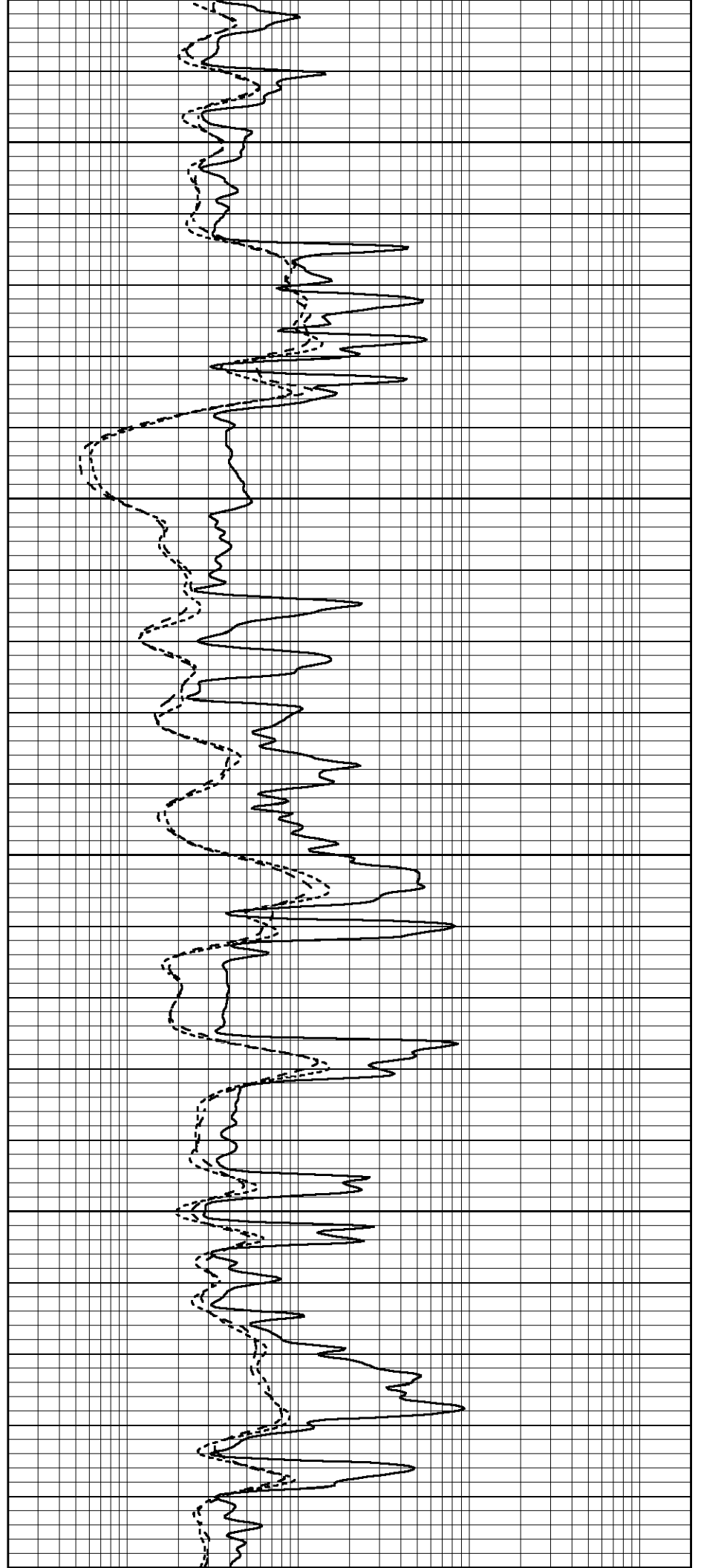
3350

3400

3450

3500

3550



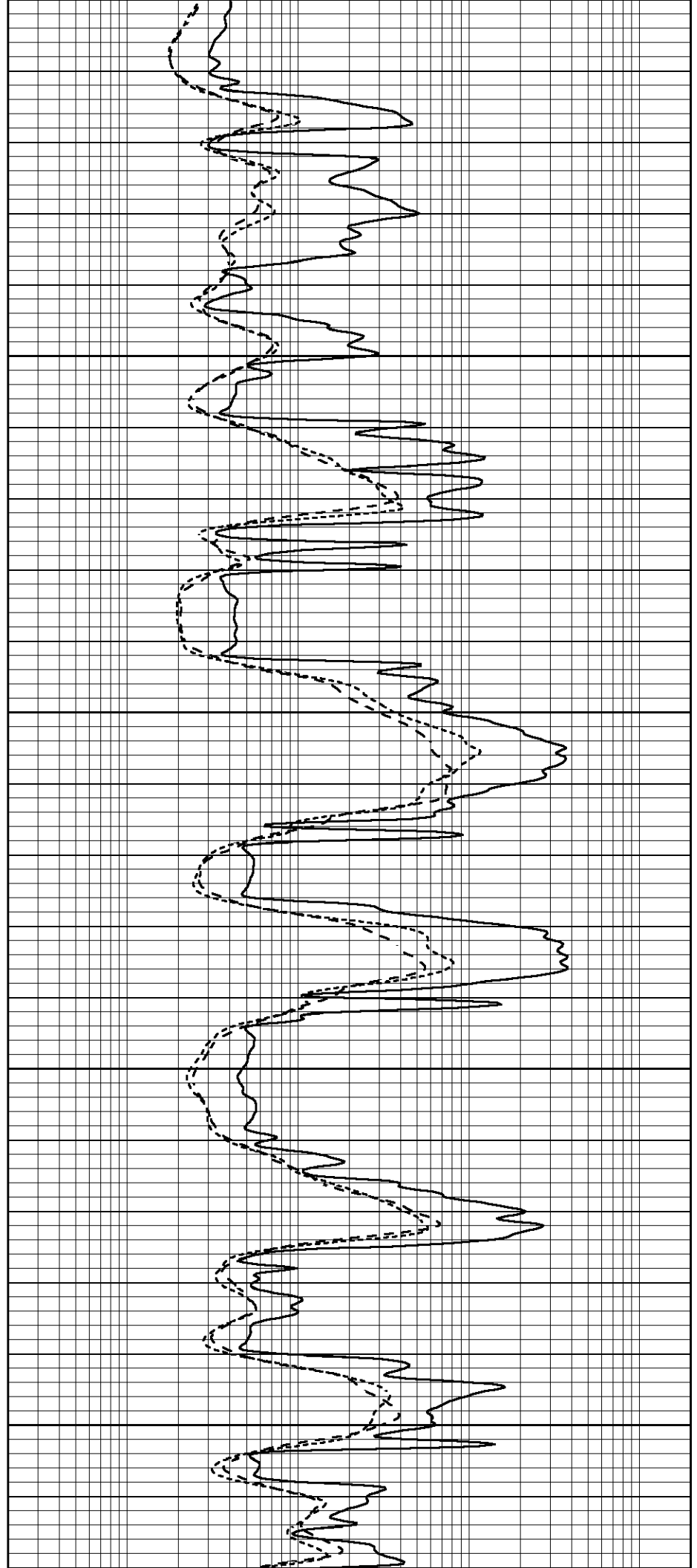
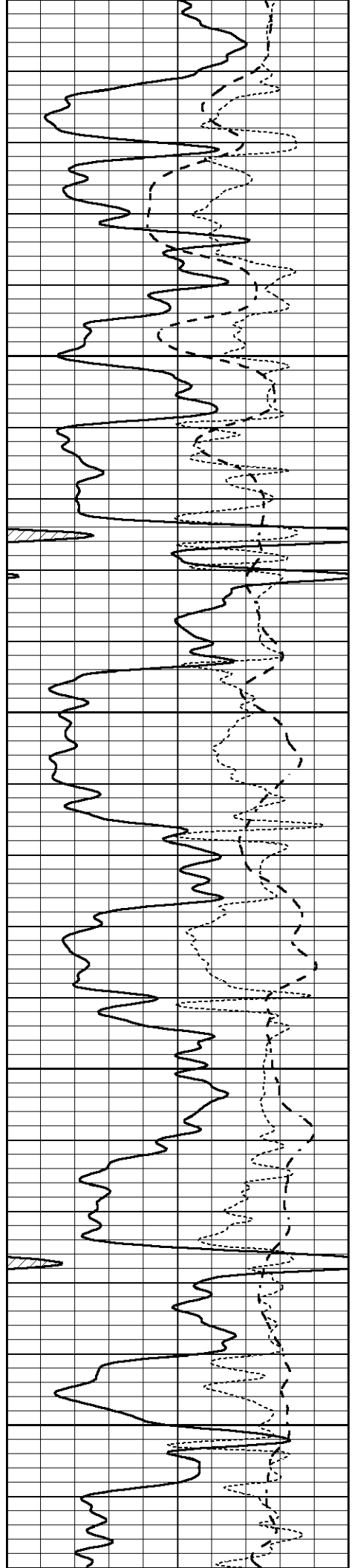
3550

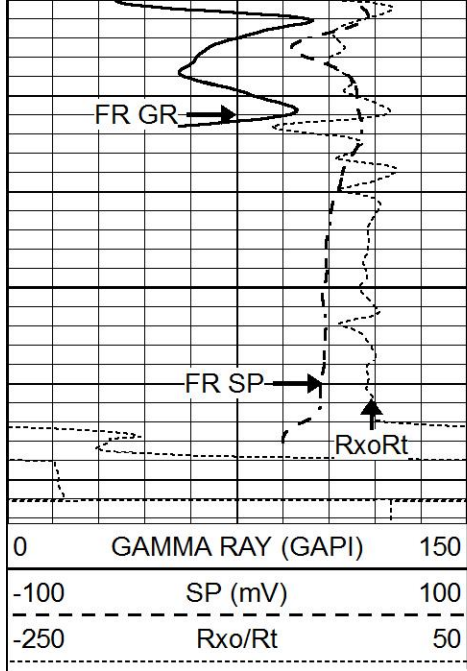
3600

3650

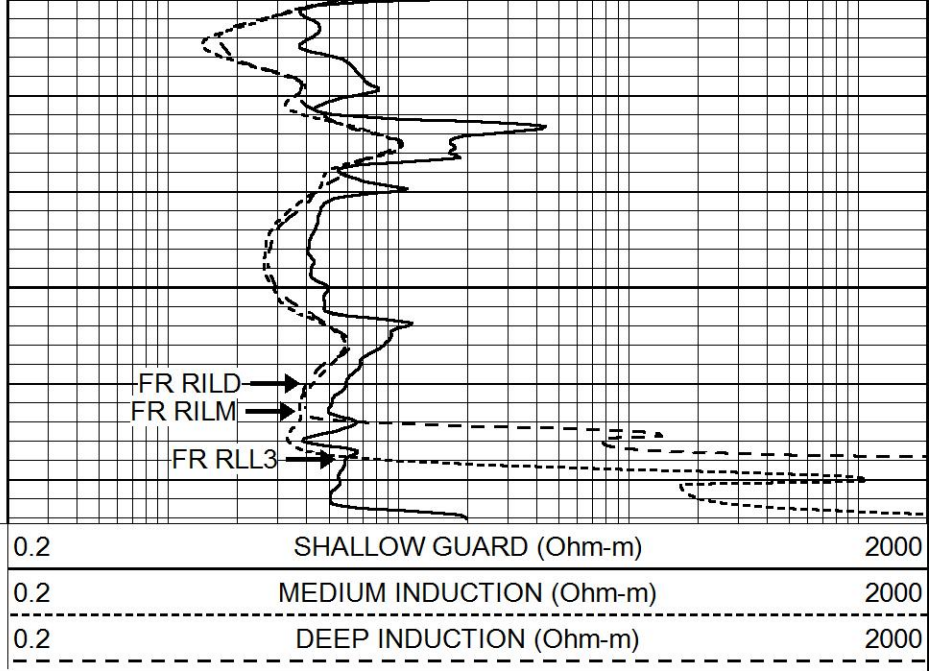
3700

3750



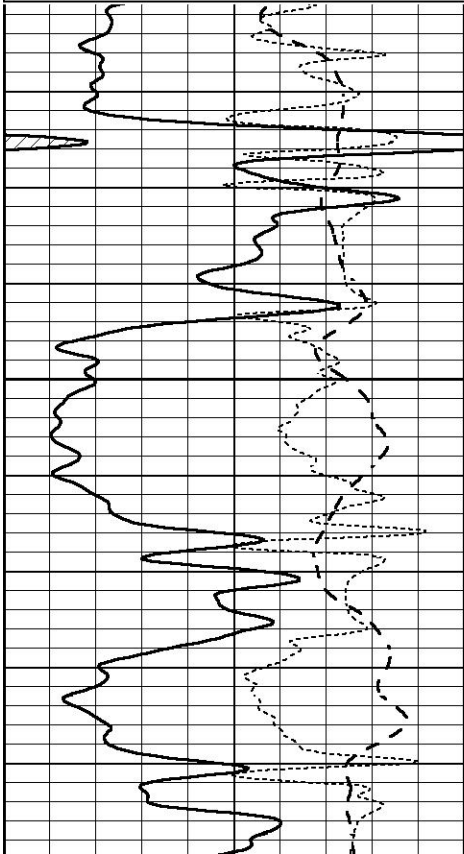
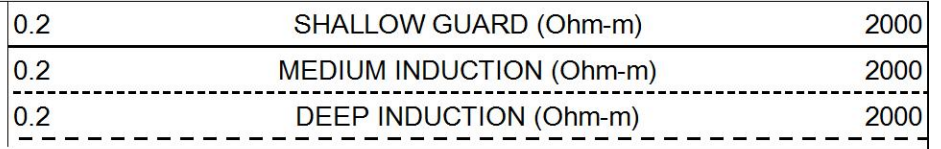
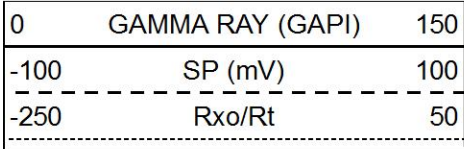


3800  
LTD 3820

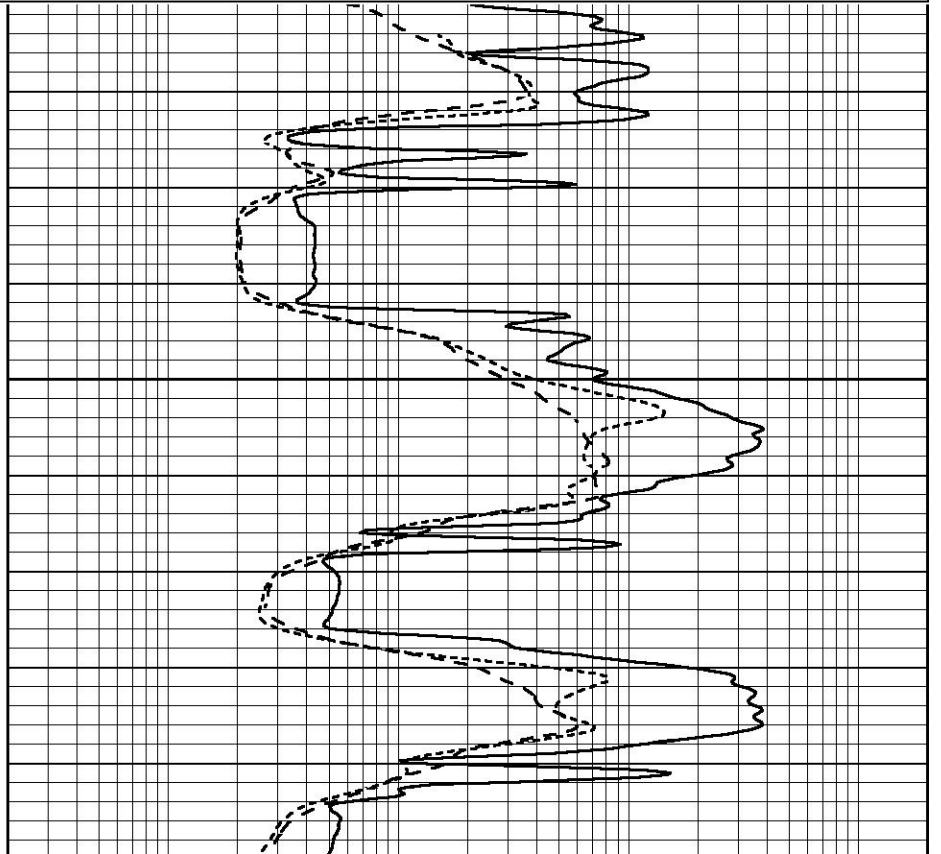


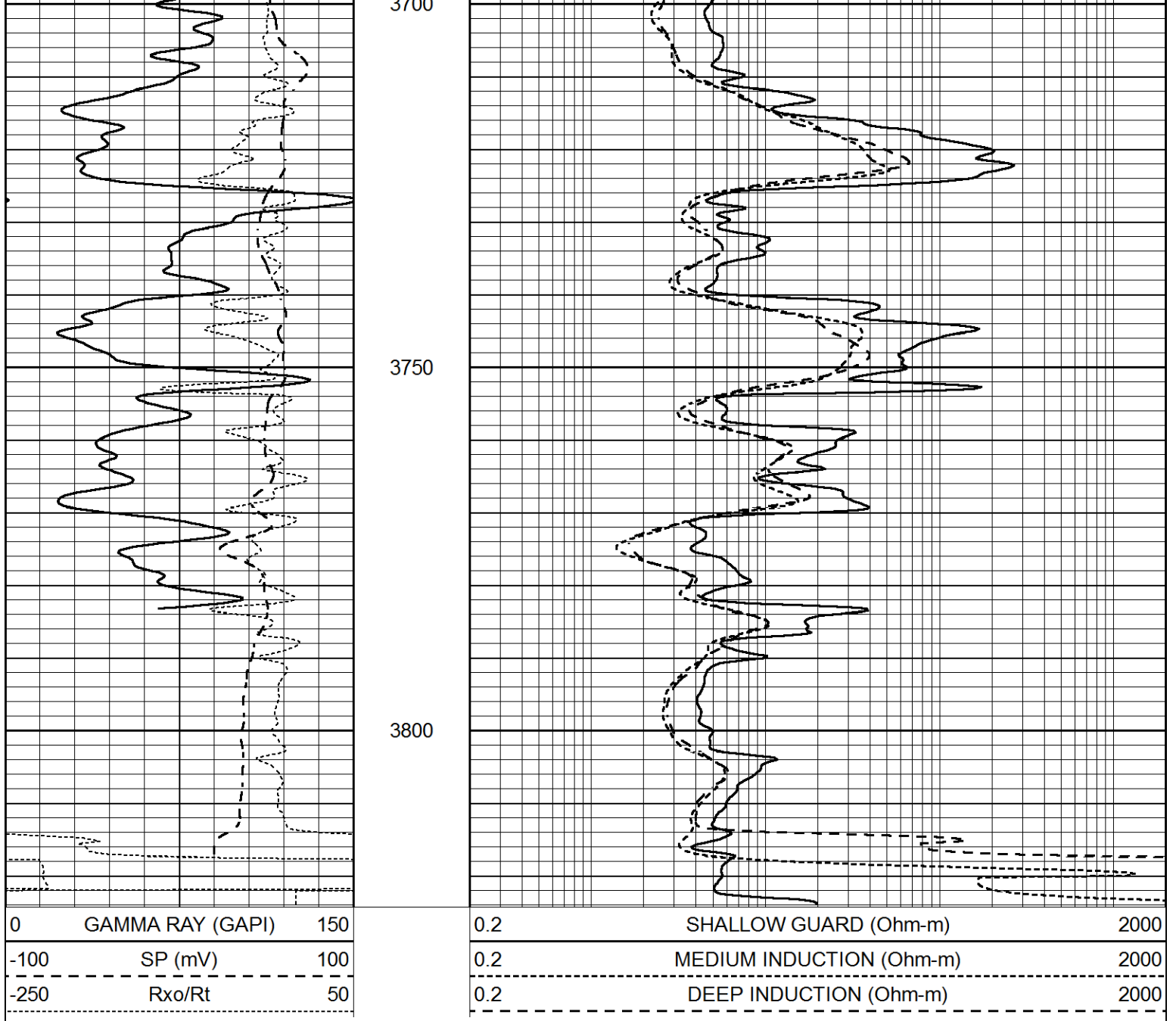
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Database File 4448ddn.db  
 Dataset Pathname pass2.1  
 Presentation Format \_dil  
 Dataset Creation Tue Jan 21 01:59:31 2020  
 Charted by Depth in Feet scaled 1:240



3650





Calibration Report

Database File 4448ddn.db  
 Dataset Pathname pass2.1  
 Dataset Creation Tue Jan 21 01:59:31 2020

Dual Induction Calibration Report

Serial-Model: FW1410-55-Probe  
 Surface Cal Performed: Tue Feb 19 11:44:18 2019  
 Downhole Cal Performed: Tue Feb 19 11:44:24 2019  
 After Survey Verification Performed: Tue Feb 19 11:44:27 2019

Surface Calibration

Loop:	Readings			References			Results	
	Air	Loop	V	Air	Loop	mmho/m	m	b
Deep	0.011	0.656	V	1.000	400.000	mmho/m	618.595	-5.524
Medium	-0.000	0.731	V	1.000	464.000	mmho/m	632.856	1.197
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.007	0.649	V	0.000	400.000	mmho/m	623.784	4.505

Deep	0.007	0.649	V	0.000	400.000	mmho/m	625.784	-4.393
Medium	0.004	0.743	V	0.000	464.000	mmho/m	627.284	-2.251

Downhole Calibration								
	Readings			References			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	-0.824	395.917	mmho/m	-0.976	397.550	mmho/m	1.004	-0.149
Medium	3.565	471.327	mmho/m	3.468	471.590	mmho/m	1.001	-0.099
LL3		7.503	V		1500.000	Ohm-m		
		0.001	V		20.000	Ohm-m		
		-7.481	V		3745.000	mmho-m		

After Survey Verification								
	Readings			Targets			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	-0.824	395.917	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	3.565	471.327	mmho/m	1.000	0.000
LL3		0.000	Ohm-m		1500.000	Ohm-m		
		0.000	Ohm-m		20.000	Ohm-m		
		0.000	mmho-m		3745.000	mmho-m		

Compensated Neutron Calibration Report

Serial Number:	080621PMC
Tool Model:	NABORS

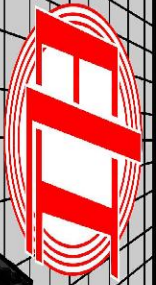
PRE-SURVEY VERIFICATION				
Detector	Readings	Measured	Target	
Short Space	cps			
Long Space	cps	pu		pu

POST-SURVEY VERIFICATION				
Detector	Readings	Measured	Target	
Short Space	cps			
Long Space	cps	pu		pu

Gamma Ray Calibration Report

Serial Number:	7
Tool Model:	Probe1
Performed:	Tue Dec 10 10:02:55 2019
Calibrator Value:	1.0 GAPI
Background Reading:	0.0 cps
Calibrator Reading:	1.0 cps
Sensitivity:	0.4800 GAPI/cps

**MICRO LOG**



Company **BLUERIDGE PETROLEUM CORPORATION**  
 Well **TALLY #1-1**  
 Field **POLLNOW**  
 County **DECATUR** State **KANSAS**

Location: **API # : 15-039-21266-0000**  
**675' FSL & 1405' FWL**  
**SW - NW - SE - SW**  
 Permanent Datum **GROUND LEVEL** Elevation **2548**  
 Log Measured From **KELLY BUSHING 5' A.G.L**  
 Drilling Measured From **KELLY BUSHING**

SEC 1 TWP 3S RGE 29W

Other Services  
 CDL/CNL/PE  
 DIL/SON

Elevation  
 K.B. 2553  
 D.F. 2551  
 G.L. 2548

Date	1/21/20		
Run Number	TWO		
Depth Driller	3820		
Depth Logger	3820		
Bottom Logged Interval	3802		
Top Log Interval	3200		
Casing Driller	8 5/8" @ 217'		
Casing Logger	217'		
Bit Size	7 7/8		
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 3300 PPM	
Density / Viscosity	9.2/49		
pH / Fluid Loss	11.0/7.2		
Source of Sample	FLOWLINE		
Rm @ Meas. Temp	.95 @ 56F		
Rmf @ Meas. Temp	.71 @ 56F		
Rmc @ Meas. Temp	1.14 @ 56F		
Source of Rmf / Rmc	MEASUREMENT		
Rm @ BHT	.46 @ 114F		
Time Circulation Stopped	2 HOURS		
Time Logger on Bottom	////		
Maximum Recorded Temperature	114F		
Equipment Number	3802		
Location	HAYS, KANSAS		
Recorded By	JASON CAPPELLUCCI		
Witnessed By	WYATT URBAN		

<<< Fold Here >>>

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**Comments**

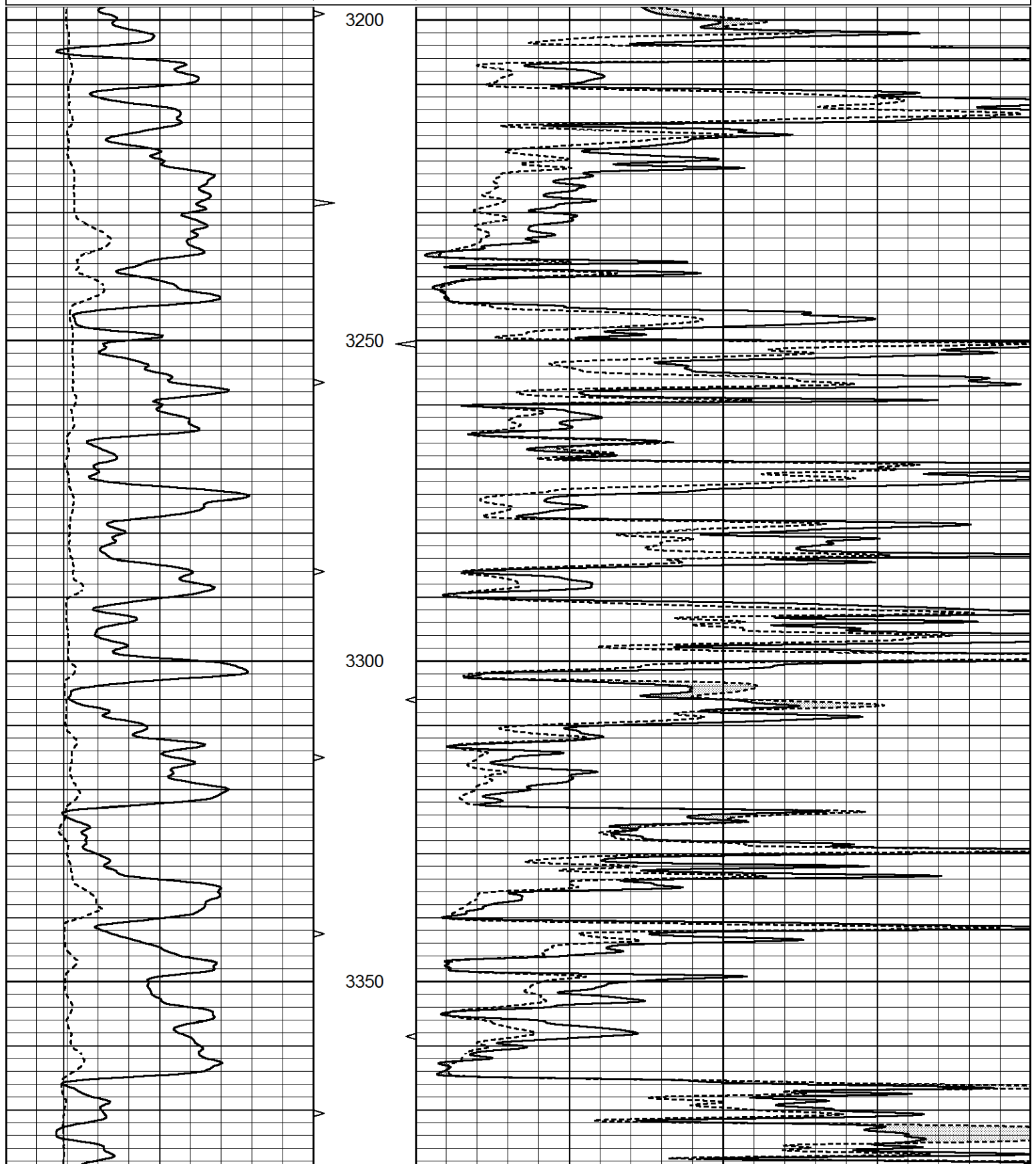
THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. ( 785 ) 628-6395  
 DIRECTIONS  
 OBERLIN, KS. - AT HWY 83 & HWY 36 - EAST TO N. PENN AVE. - SOUTH TO EDGE OF TOWN  
 WEST INTO

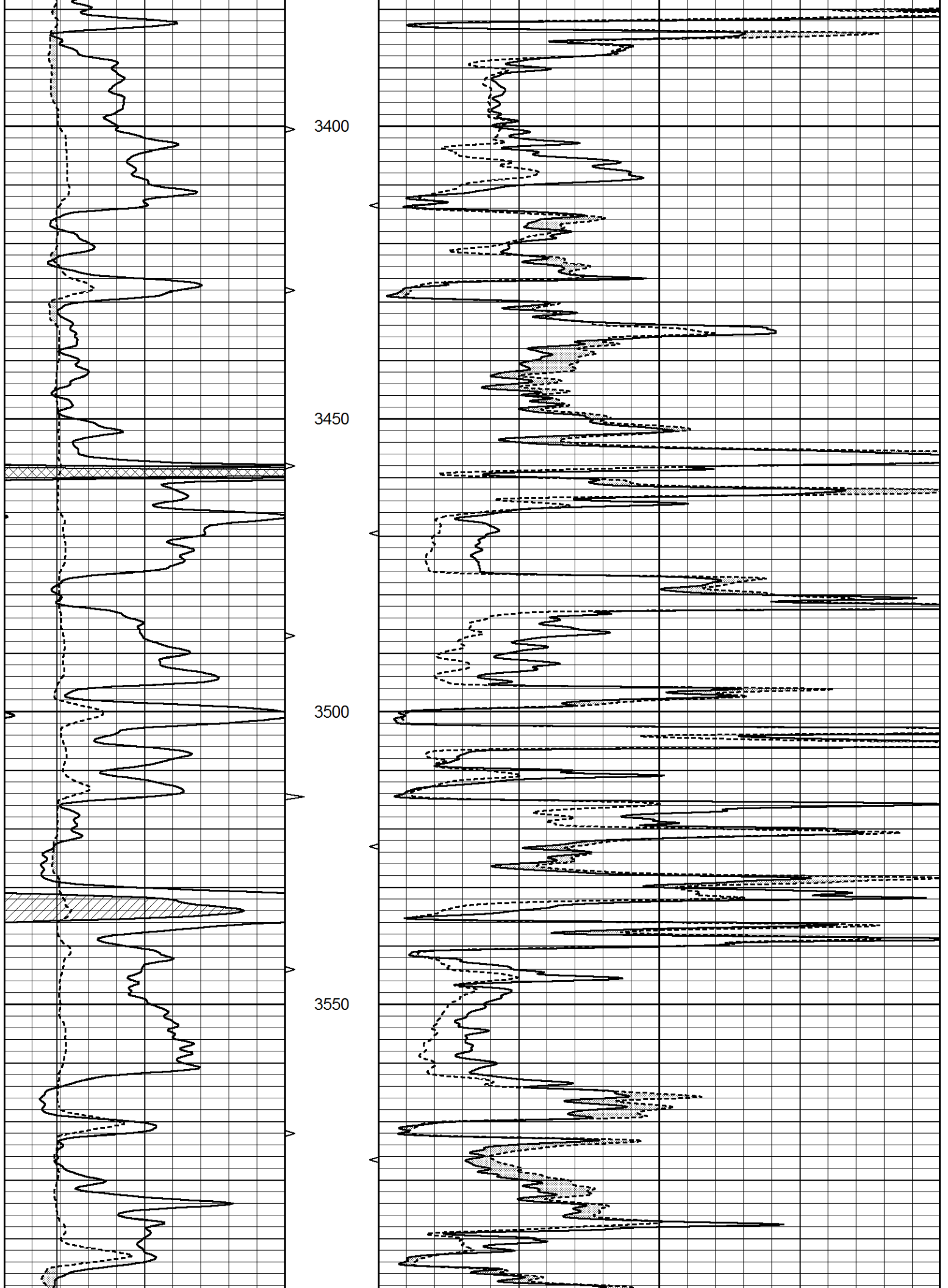


**MAIN SECTION**

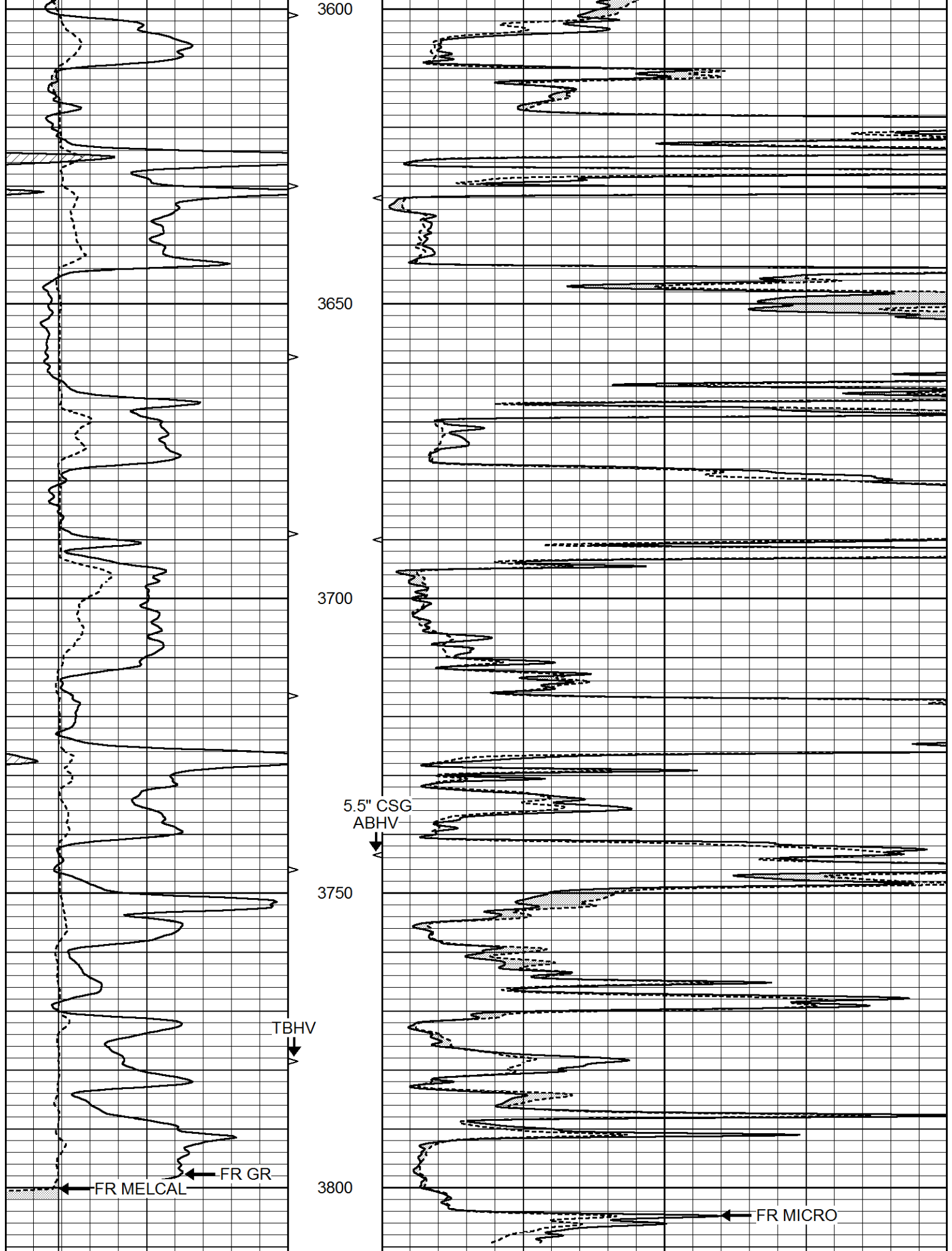
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 Presentation Format \_micro  
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 Charted by Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3)	0	MEL2.0 (Ohm-m)	40
			TBHV			
			0 (ft3)	10		









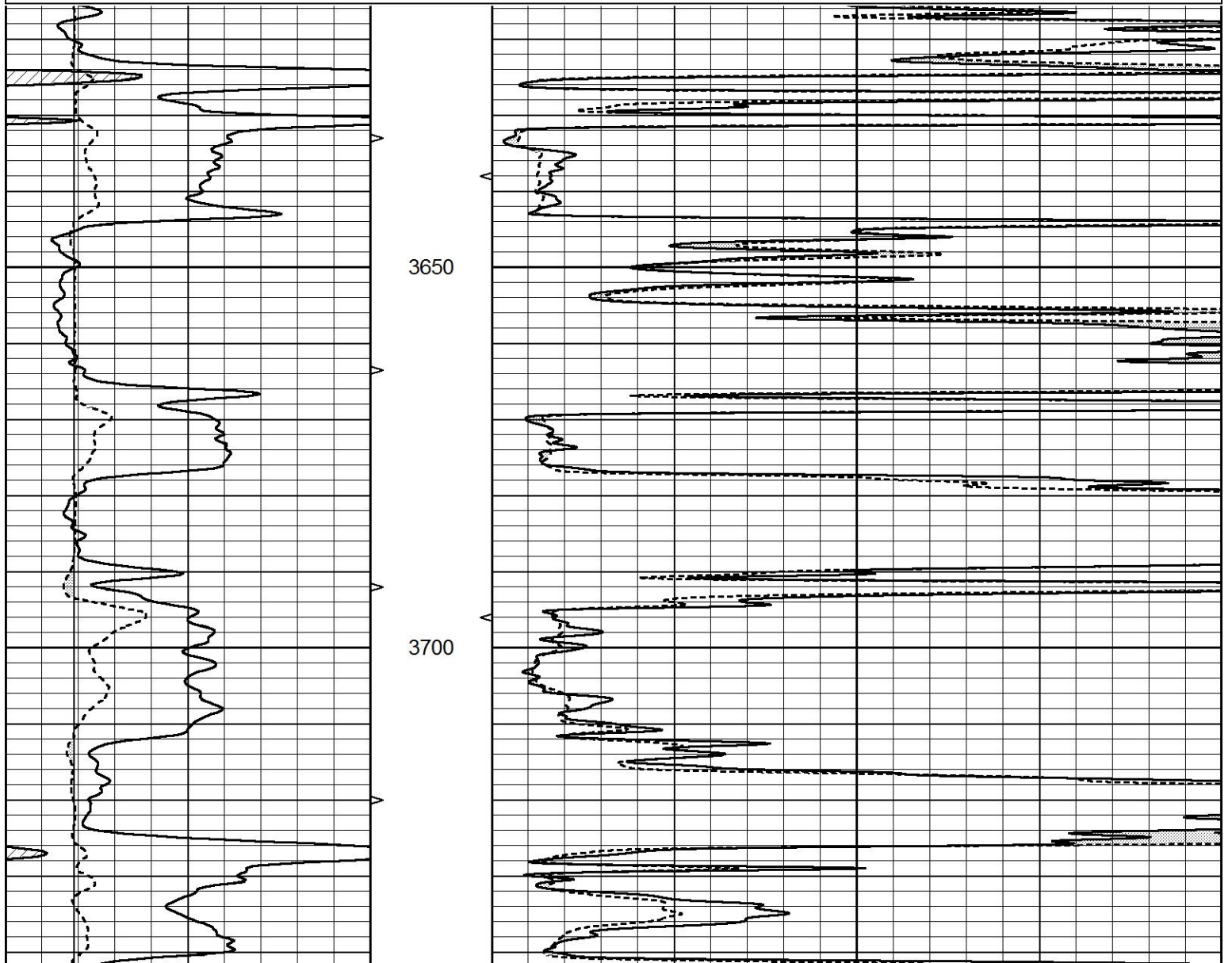
			LTD 3820			
0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3) 0	0	MEL2.0 (Ohm-m)	40
			TBHV			
			0 (ft3) 10			

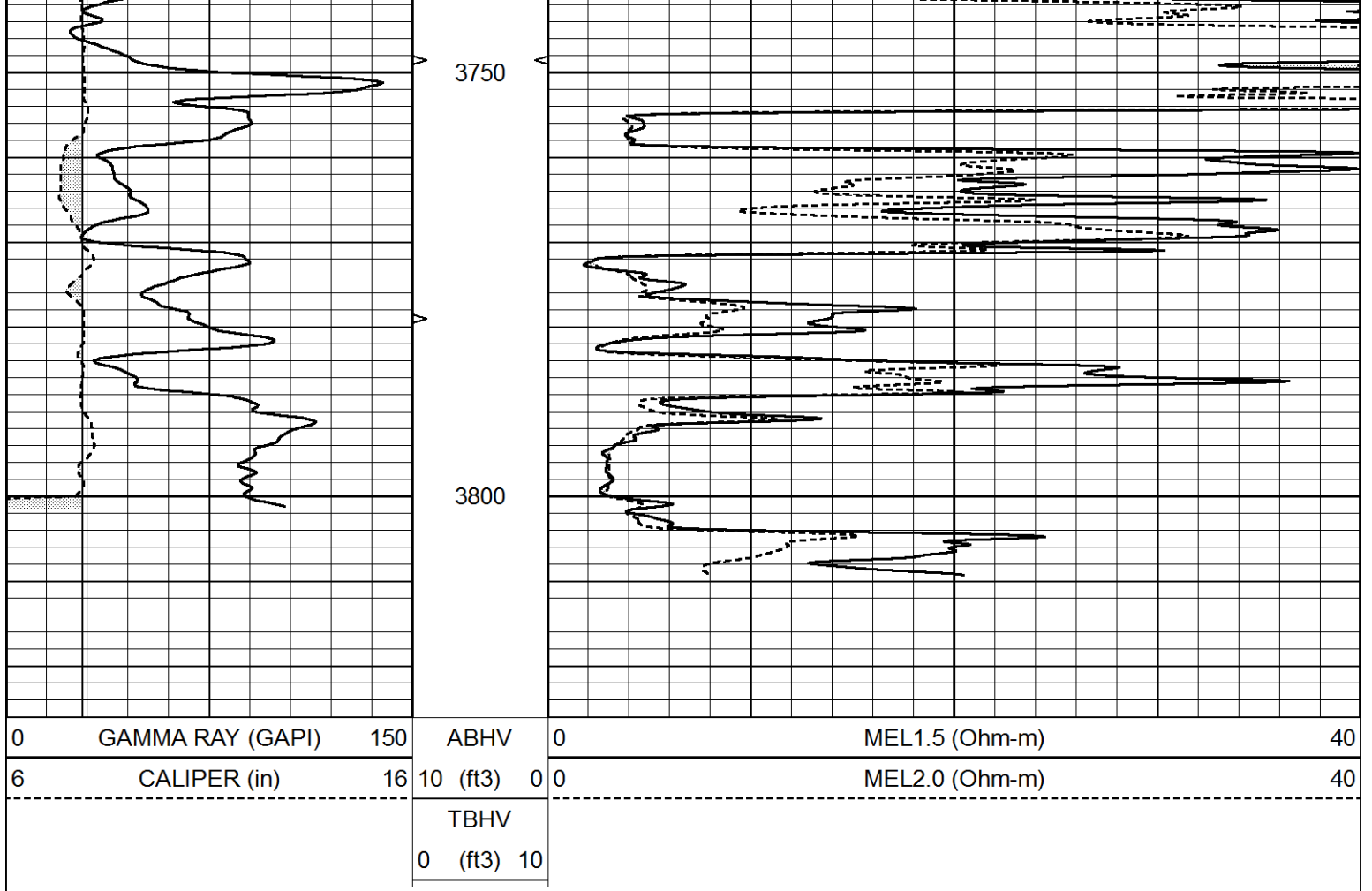


# REPEAT SECTION

Database File 4448ddn.db  
 Dataset Pathname pass5.1  
 Presentation Format \_micro  
 Dataset Creation Tue Jan 21 04:06:23 2020  
 Charted by Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	0	MEL1.5 (Ohm-m)	40
6	CALIPER (in)	16	10 (ft3) 0	0	MEL2.0 (Ohm-m)	40
			TBHV			
			0 (ft3) 10			





### Calibration Report

Database File 4448ddn.db  
 Dataset Pathname pass5.1  
 Dataset Creation Tue Jan 21 04:06:23 2020

### MICRO\_USR Calibration Report

Serial Number:	070911	
Tool Model:	ProbeL	
Performed:	Wed Aug 07 14:47:35 2019	
Caliper Calibration:	Gain=3.755	Offset=2.450
References	Low Cal 8.000	High Cal 14.000
Readings	1.451	3.049
1.5" Calibration:	Gain=60.000	Offset=-3.000
References	Low Cal 0.000	High Cal 20.000
Readings	0.004	0.843
2" Calibration:	Gain=40.000	Offset=-0.650
References	Low Cal 0.000	High Cal 20.000
Readings	0.021	0.810

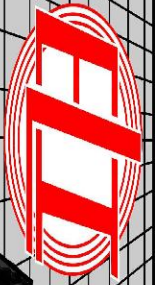
### Microlog Calibration Report

Serial-Model: 070911-ProbeL  
 Performed: Sat Apr 11 01:13:01 2015

	Readings			References			Results	
	Zero	Cal		Zero	Cal		m	b
Normal	0.0002	0.4836	V	0.0000	10.0000	Ohm-m	20.6908	-0.0051
Inverse	0.0018	0.6297	V	0.0000	10.0000	Ohm-m	15.9263	-0.0282
Caliper	0.0000	1.0000	V	0.0000	1.0000	in	1.0000	0.0000

Gamma Ray Calibration Report

Serial Number:	070558
Tool Model:	Probe1
Performed:	Mon Jan 21 19:38:56 2019
Calibrator Value:	1.0                      GAPI
Background Reading:	0.0                      cps
Calibrator Reading:	1.0                      cps
Sensitivity:	0.2500                      GAPI/cps



**COMPENSATED  
DENSITY/NEUTRON  
PE LOG**

Company	BLUERIDGE PETROLEUM CORPORATION
Well	TALLY #1-1
Field	POLLNOW
County	DECATUR
State	KANSAS

Location:	API #: 15-039-21266-0000	Other Services DILMEL SONIC
Permanent Datum	GROUND LEVEL Elevation 2548	Elevation
Log Measured From	KELLY BUSHING 5' A.G.L	K.B. 2653
Drilling Measured From	KELLY BUSHING	D.F. 2651
		G.L. 2648

Date	1/21/20	
Run Number	ONE	
Depth Driller	3820	
Depth Logger	3820	
Bottom Logged Interval	3796	
Top Log Interval	3200	
Casing Driller	8 5/8" @ 217'	
Casing Logger	217'	
Bit Size	7 7/8	
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 3300 PPM
Density / Viscosity	9.2/49	
pH / Fluid Loss	11.0/7.2	
Source of Sample	FLOWLINE	
Rm @ Meas. Temp	.95 @ 56F	
Rmf @ Meas. Temp	.71 @ 56F	
Rmc @ Meas. Temp	1.14 @ 56F	
Source of Rmf / Rmc	MEASUREMENT	
Rm @ BHT	.46 @ 114F	
Time Circulation Stopped	2 HOURS	
Time Logger on Bottom	////	
Maximum Recorded Temperature	114F	
Equipment Number	3802	
Location	HAYS, KANSAS	
Recorded By	JASON CAPPELLUCCI	
Witnessed By	WYATT URBAN	

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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**

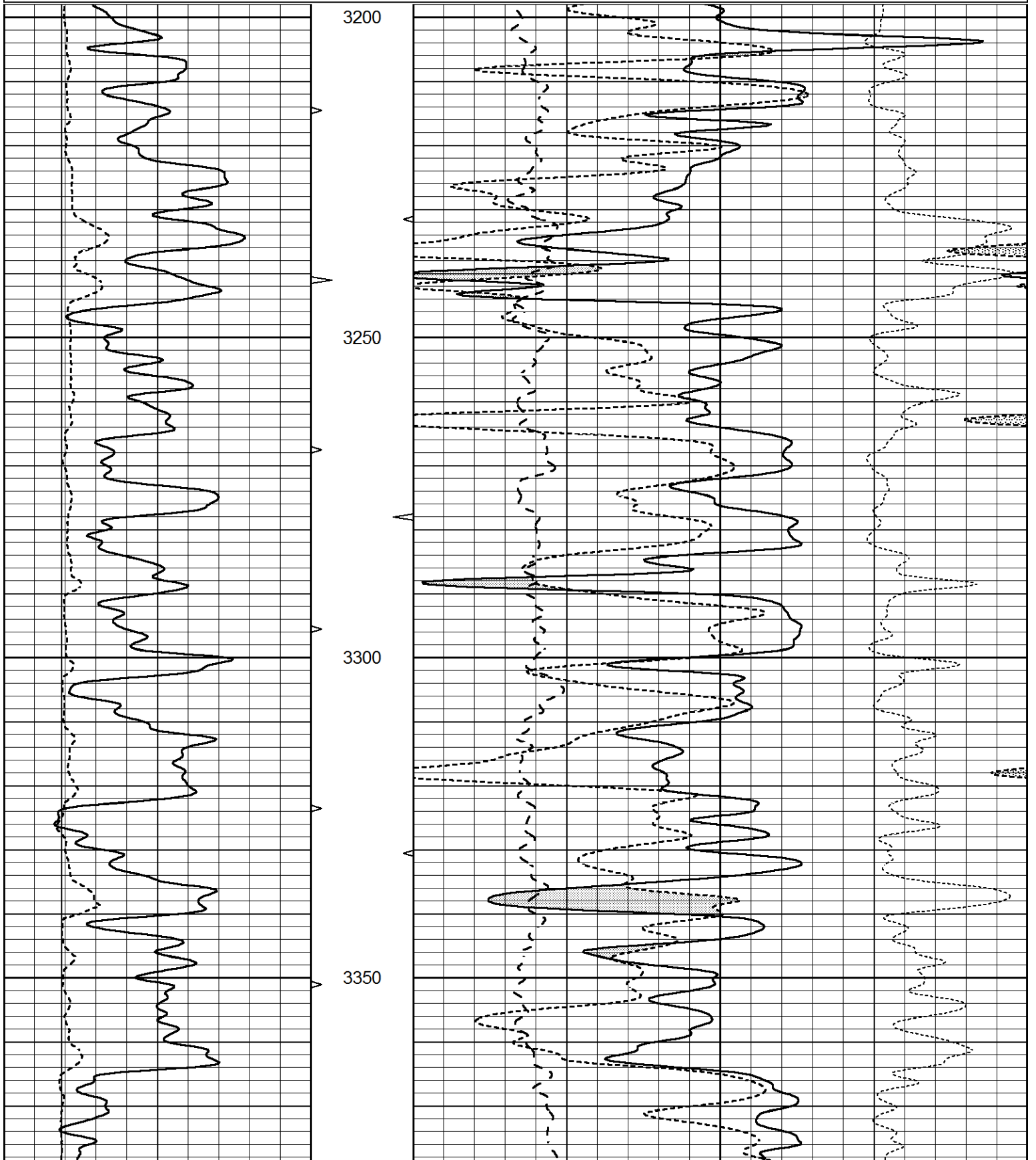
THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. ( 785 ) 628-6395  
DIRECTIONS  
OBERLIN, KS. - AT HWY 83 & HWY 36 - EAST TO N. PENN AVE. - SOUTH TO EDGE OF TOWN  
WEST INTO

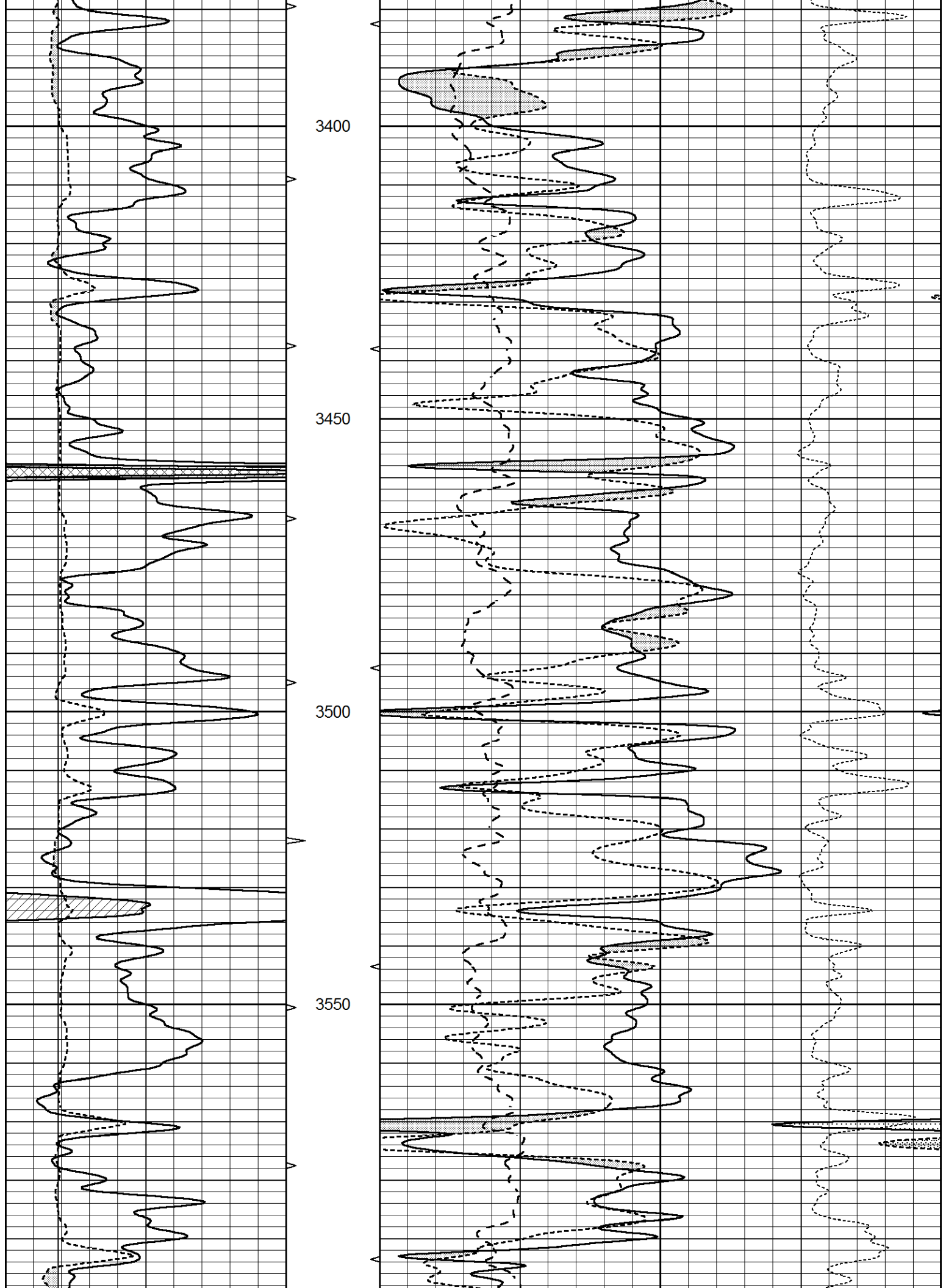


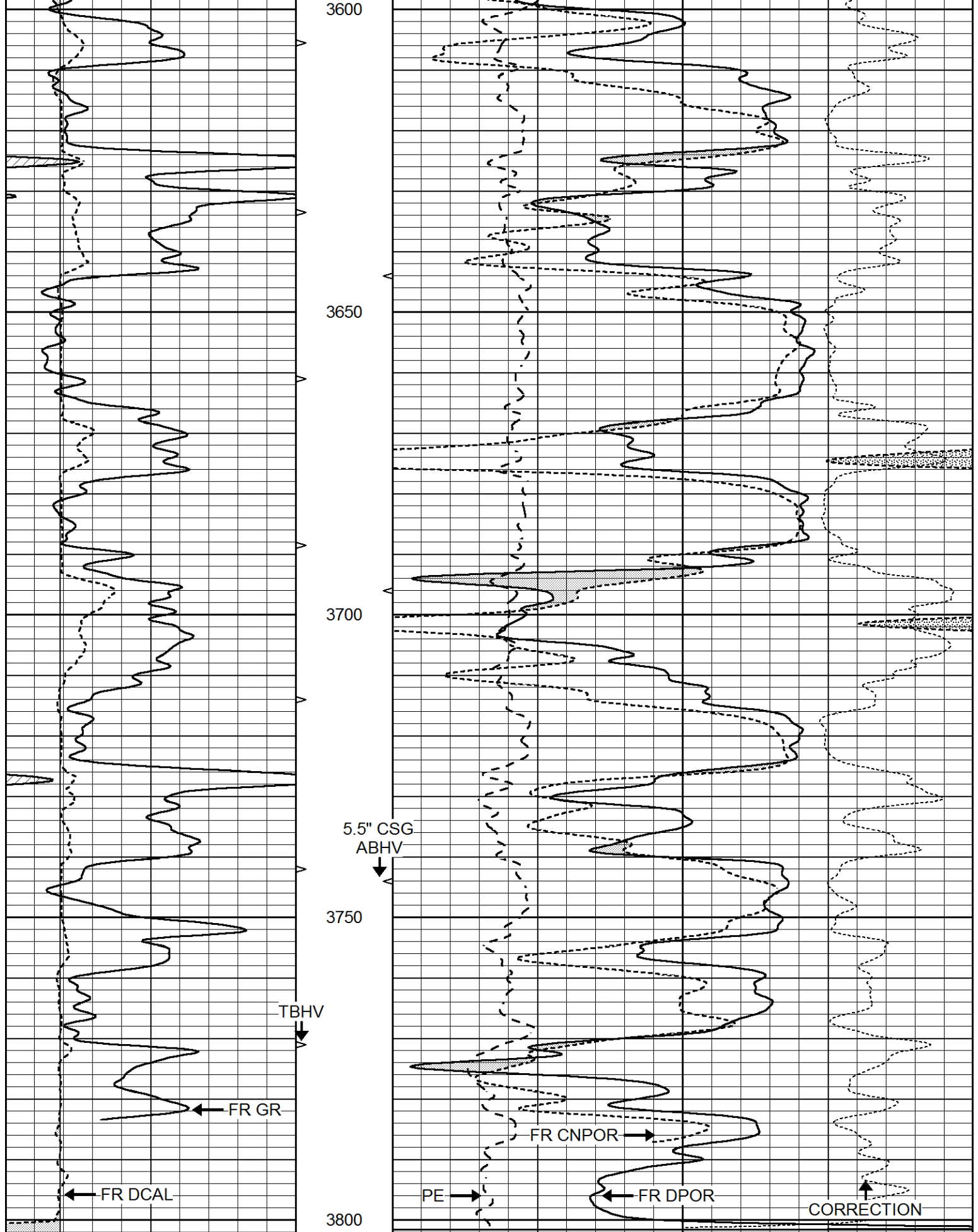
**MAIN SECTION**

Database File 4448ddn.db  
 Dataset Pathname pass3.1  
 Presentation Format \_ldt\_neu  
 Dataset Creation Tue Jan 21 01:58:36 2020  
 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	COMPENSATED NEUTRON (pu)		-10
			TBHV	0	PE	10 -0.25	CORRECTION (g/cc) 0.25
			0 (ft3)	10			







2.71 LIMESTONE MATRIX



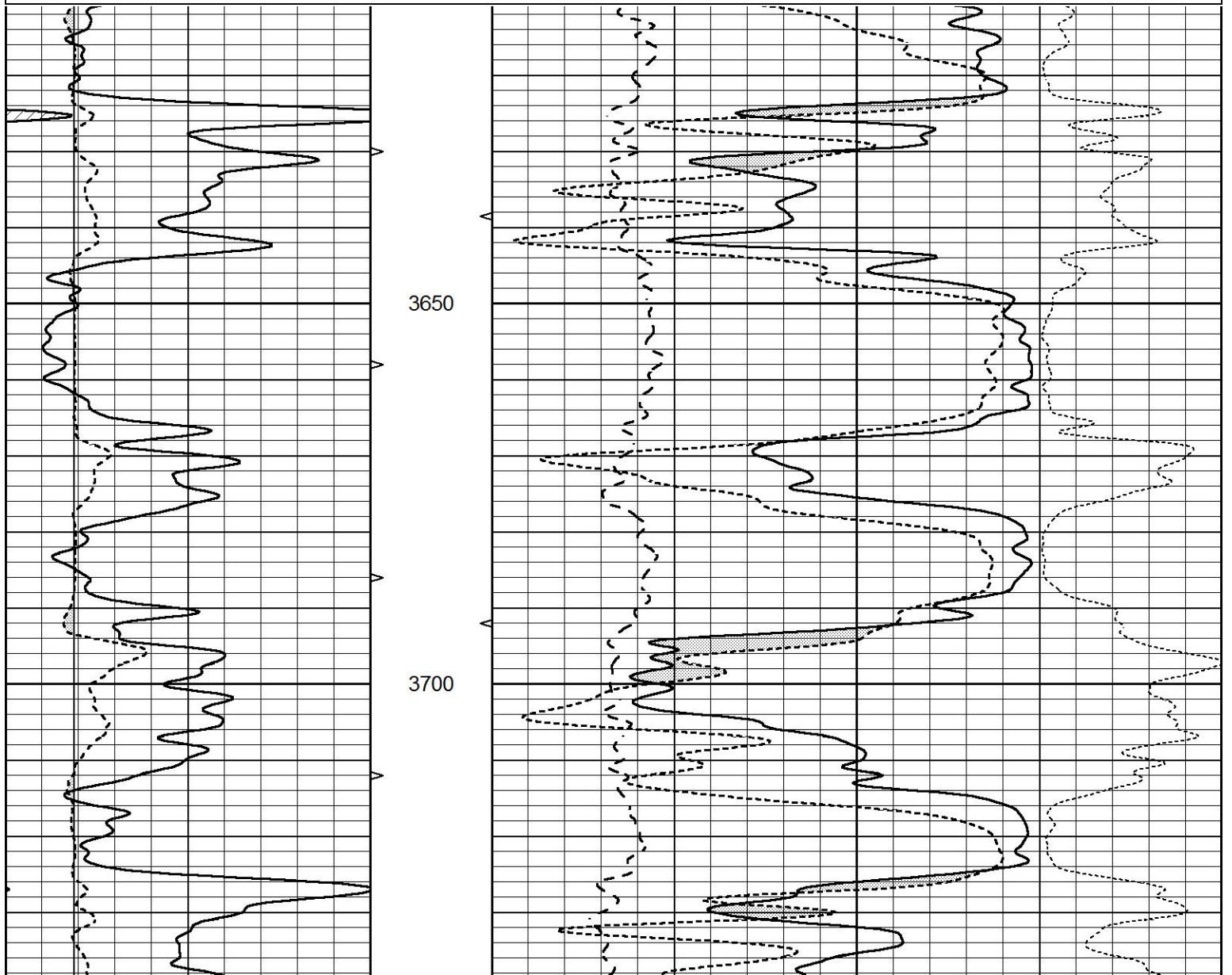
		LTD 3820								
0	GAMMA RAY (GAPI)	150	ABHV	30	COMPENSATED DENSITY (pu)				-10	
6	CALIPER (in)	16	10 (ft3)	0	30	COMPENSATED NEUTRON (pu)				-10
			TBHV	0	PE	10	-0.25	CORRECTION (g/cc)	0.25	
			0 (ft3)	10						

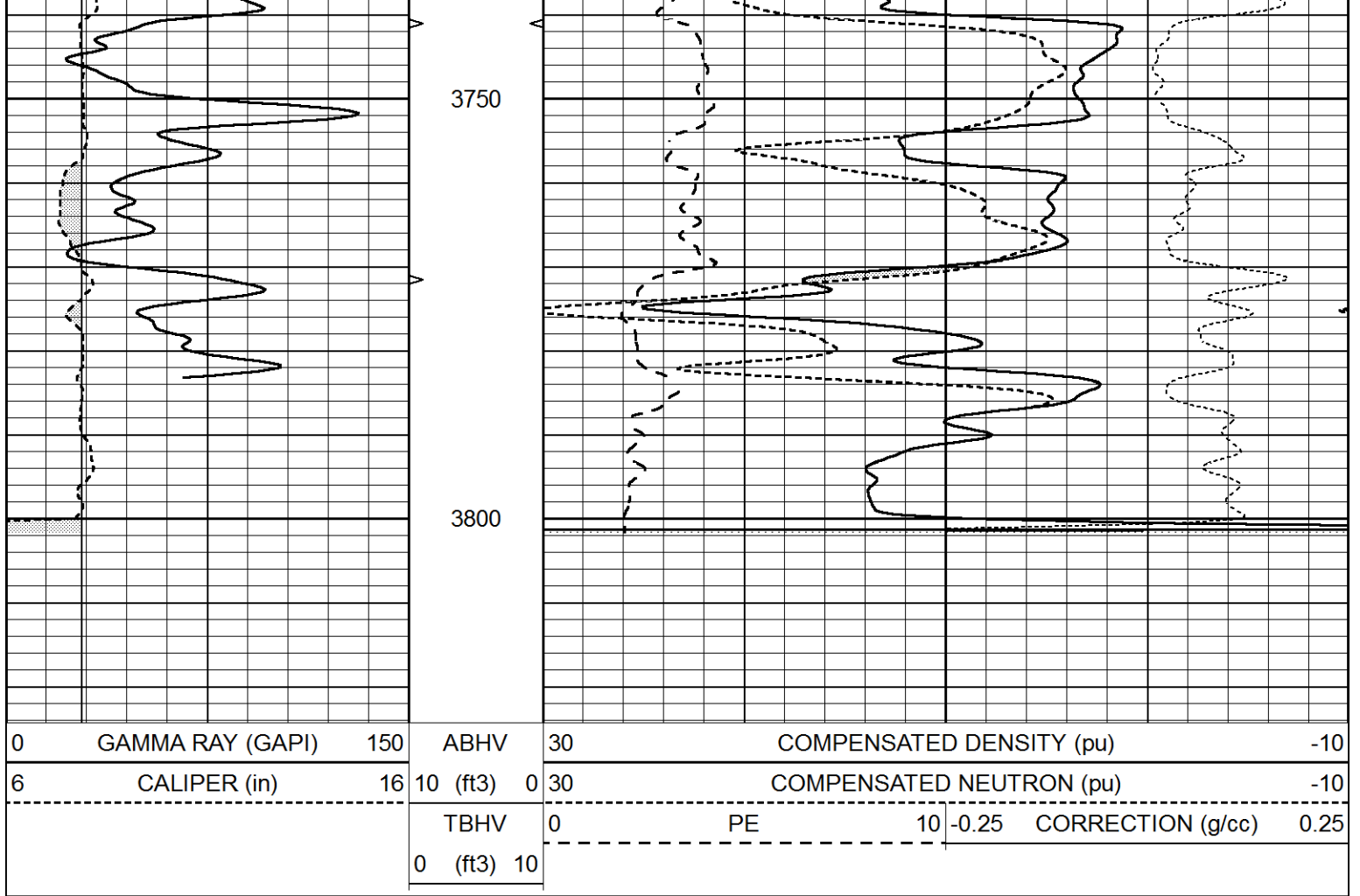


# REPEAT SECTION

Database File 4448ddn.db  
 Dataset Pathname pass2.1  
 Presentation Format \_ldt\_neu  
 Dataset Creation Tue Jan 21 01:59:31 2020  
 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						





### Calibration Report

Database File 4448ddn.db  
 Dataset Pathname pass2.1  
 Dataset Creation Tue Jan 21 01:59:31 2020

### Dual Induction Calibration Report

Serial-Model: FW1410-55-Probe  
 Surface Cal Performed: Tue Feb 19 11:44:18 2019  
 Downhole Cal Performed: Tue Feb 19 11:44:24 2019  
 After Survey Verification Performed: Tue Feb 19 11:44:27 2019

#### Surface Calibration

Loop:	Readings			References			Results	
	Air	Loop	V	Air	Loop	mmho/m	m	b
Deep	0.011	0.656	V	1.000	400.000	mmho/m	618.595	-5.524
Medium	-0.000	0.731	V	1.000	464.000	mmho/m	632.856	1.197
Internal:	Zero	Cal	V	Zero	Cal	mmho/m	m	b
Deep	0.007	0.649	V	0.000	400.000	mmho/m	623.784	-4.595
Medium	0.004	0.743	V	0.000	464.000	mmho/m	627.284	-2.251

#### Downhole Calibration

	Readings			References			Results	
	Zero	Cal	V	Zero	Cal	mmho/m	m'	b'
Deep	-0.824	395.917	V	-0.976	397.550	mmho/m	1.004	-0.149
Medium	3.565	471.327	V	3.468	471.590	mmho/m	1.001	-0.099
LL3		7.503	V		1500.000	Ohm-m		

0.001	V	20.000	Ohm-m
-7.481	V	3745.000	mmho-m

After Survey Verification

	Readings			Targets			Results	
	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho/m	-0.824	395.917	mmho/m	1.000	0.000
Medium	0.000	0.000	mmho/m	3.565	471.327	mmho/m	1.000	0.000
LL3		0.000	Ohm-m		1500.000	Ohm-m		
		0.000	Ohm-m		20.000	Ohm-m		
		0.000	mmho-m		3745.000	mmho-m		

Compensated Neutron Calibration Report

Serial Number: 080621PMC  
 Tool Model: NABORS

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

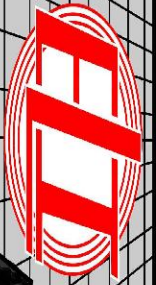
Serial Number: 7  
 Tool Model: Probe1  
 Performed: Tue Dec 10 10:02:55 2019

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps  
 Calibrator Reading: 1.0 cps

Sensitivity: 0.4800 GAPI/cps

# SONIC LOG



**Company** BLUERIDGE PETROLEUM CORPORATION  
**Well** TALLY #1-1  
**Field** POLLNOW  
**County** DECATUR **State** KANSAS

**Location:** API #: 15-039-21266-0000  
 675' FSL & 1405' FWL  
 SW - NW - SE - SW  
 SEC 1 TWP 3S RGE 29W  
**Permanent Datum** GROUND LEVEL Elevation 2548  
**Log Measured From** KELLY BUSHING 5' A.G.L  
**Drilling Measured From** KELLY BUSHING  
**Other Services** CDL/CNL/PE DIL/MEL  
**Elevation** K.B. 2653  
 D.F. 2551  
 G.L. 2548

Date	1/21/20	
Run Number	TWO	
Depth Driller	3820	
Depth Logger	3820	
Bottom Logged Interval	3810	
Top Log Interval	200	
Casing Driller	8 5/8" @ 217'	
Casing Logger	217'	
Bit Size	7 7/8	
Type Fluid in Hole	CHEMICAL MUD	CHLORIDES 3300 PPM
Density / Viscosity	9.2/49	
pH / Fluid Loss	11.0/7.2	
Source of Sample	FLOWLINE	
Rm @ Meas. Temp	.95 @ 56F	
Rmf @ Meas. Temp	.71 @ 56F	
Rmc @ Meas. Temp	1.14 @ 56F	
Source of Rmf / Rmc	MEASUREMENT	
Rm @ BHT	.46 @ 114F	
Time Circulation Stopped	2 HOURS	
Time Logger on Bottom	////	
Maximum Recorded Temperature	114F	
Equipment Number	3802	
Location	HAYS, KANSAS	
Recorded By	JASON CAPPELLUCCI	
Witnessed By	WYATT URBAN	

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### Comments

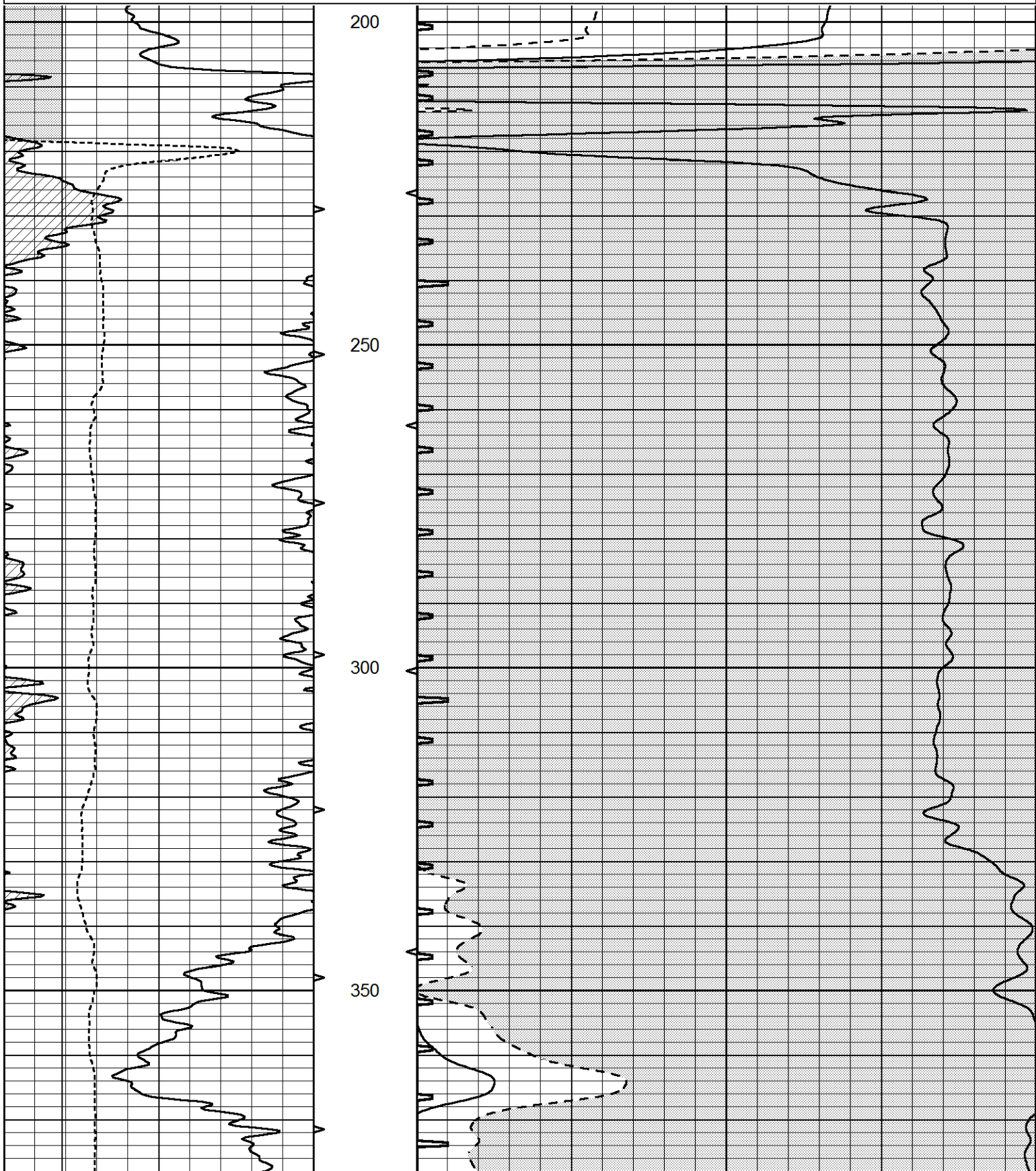
THANK YOU FOR USING ELI WIRELINE SERVICES, HAYS, KS. ( 785 ) 628-6395  
 DIRECTIONS  
 OBERLIN, KS. - AT HWY 83 & HWY 36 - EAST TO N. PENN AVE. - SOUTH TO EDGE OF TOWN  
 WEST INTO

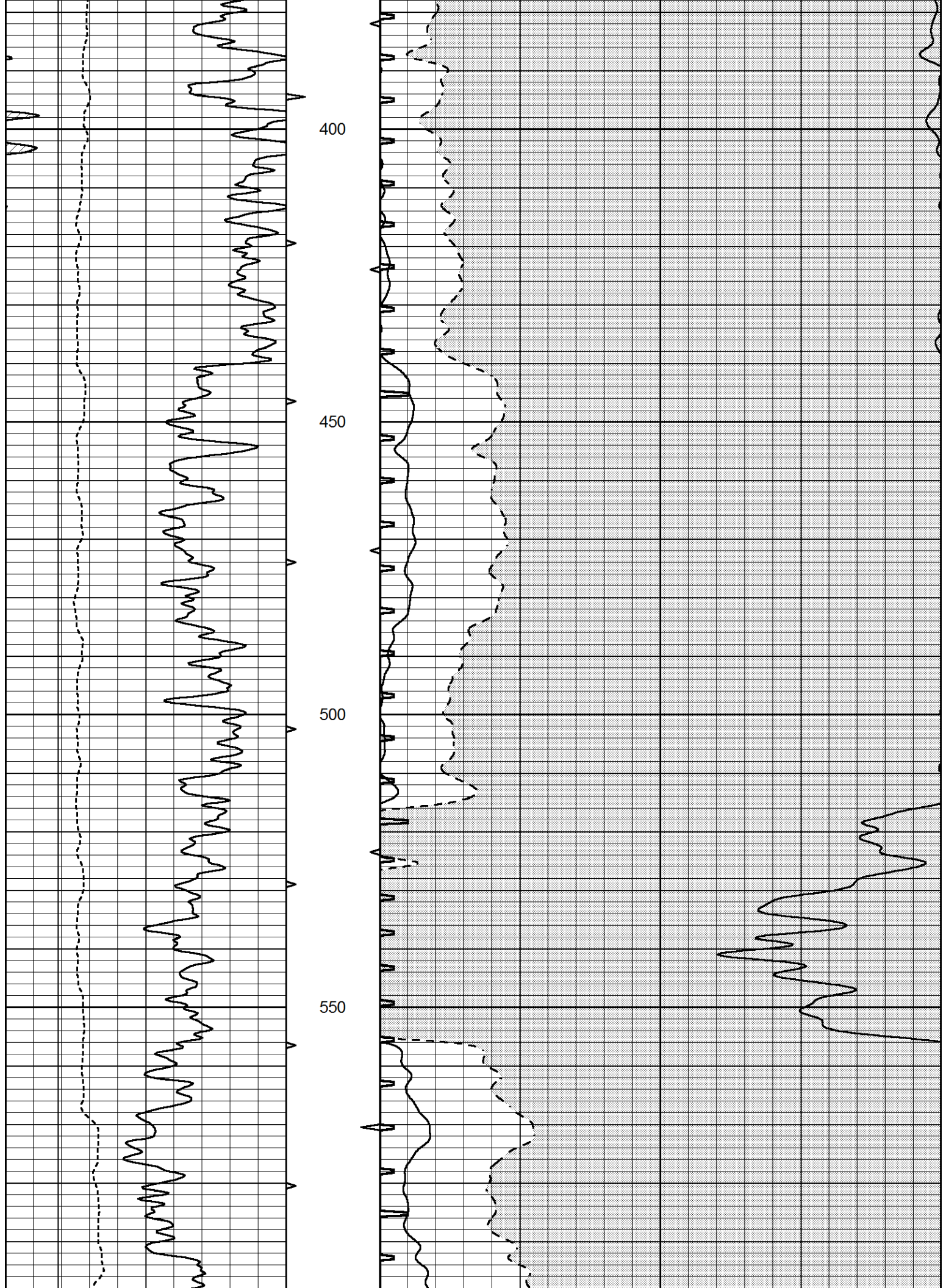


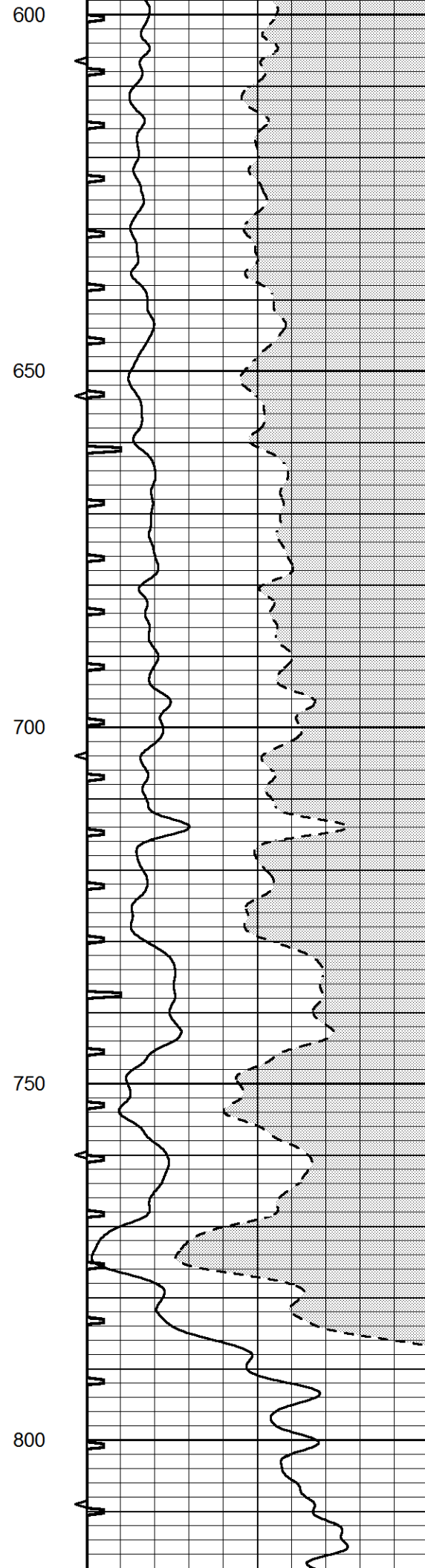
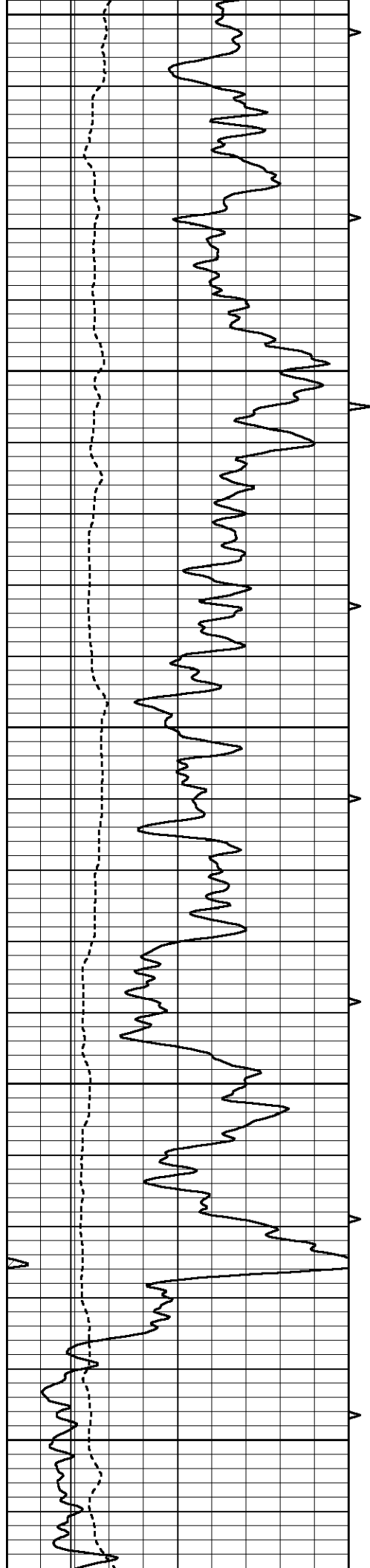
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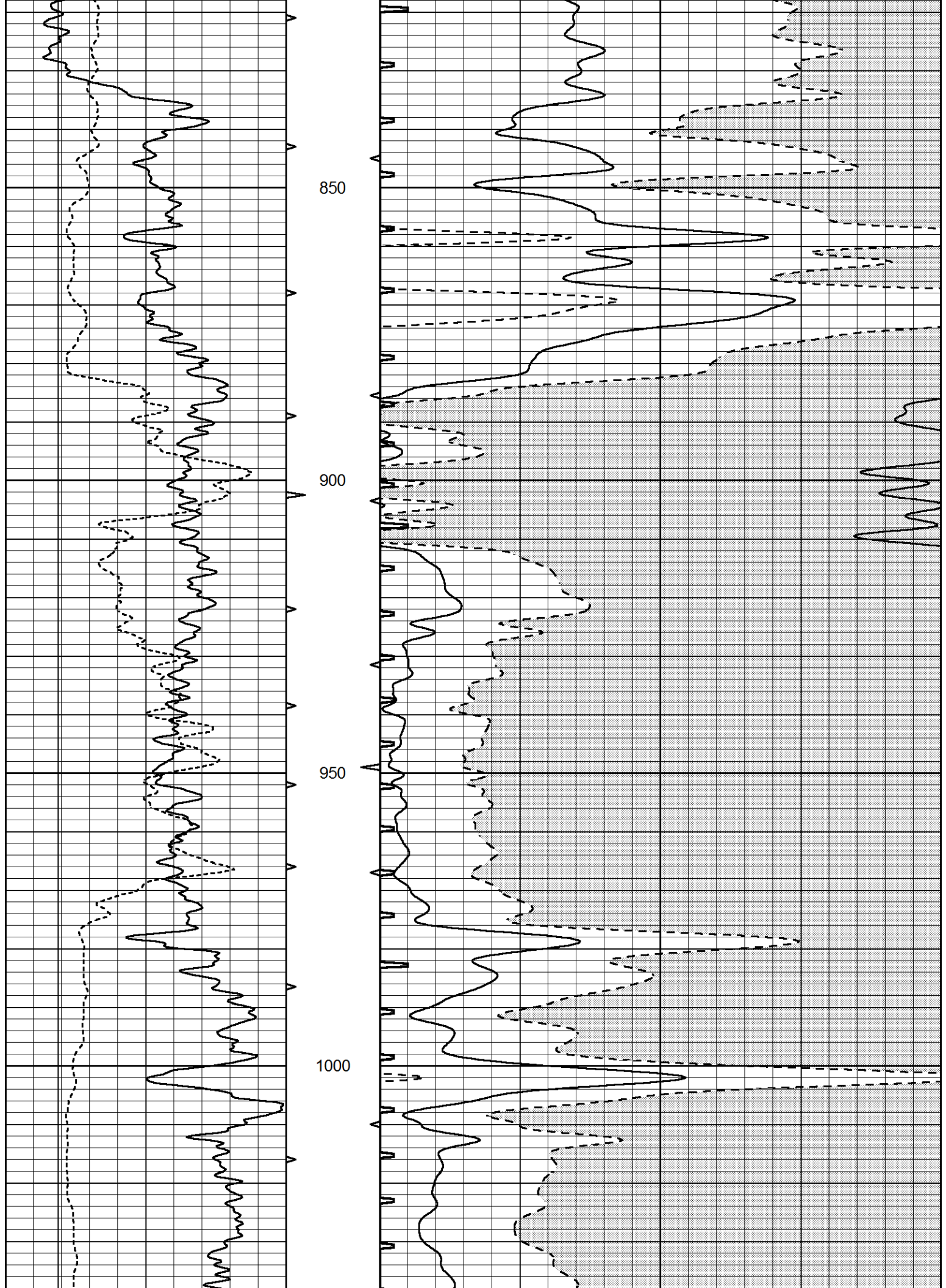
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 Presentation Format \_slt  
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 Charted by Depth in Feet scaled 1:240

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6	CALIPER (in)	16	10 (ft3)	0	SONIC POROSITY (pu)	-10
			TBHV	0	ITT (msec)	20
			0 (ft3)	10		

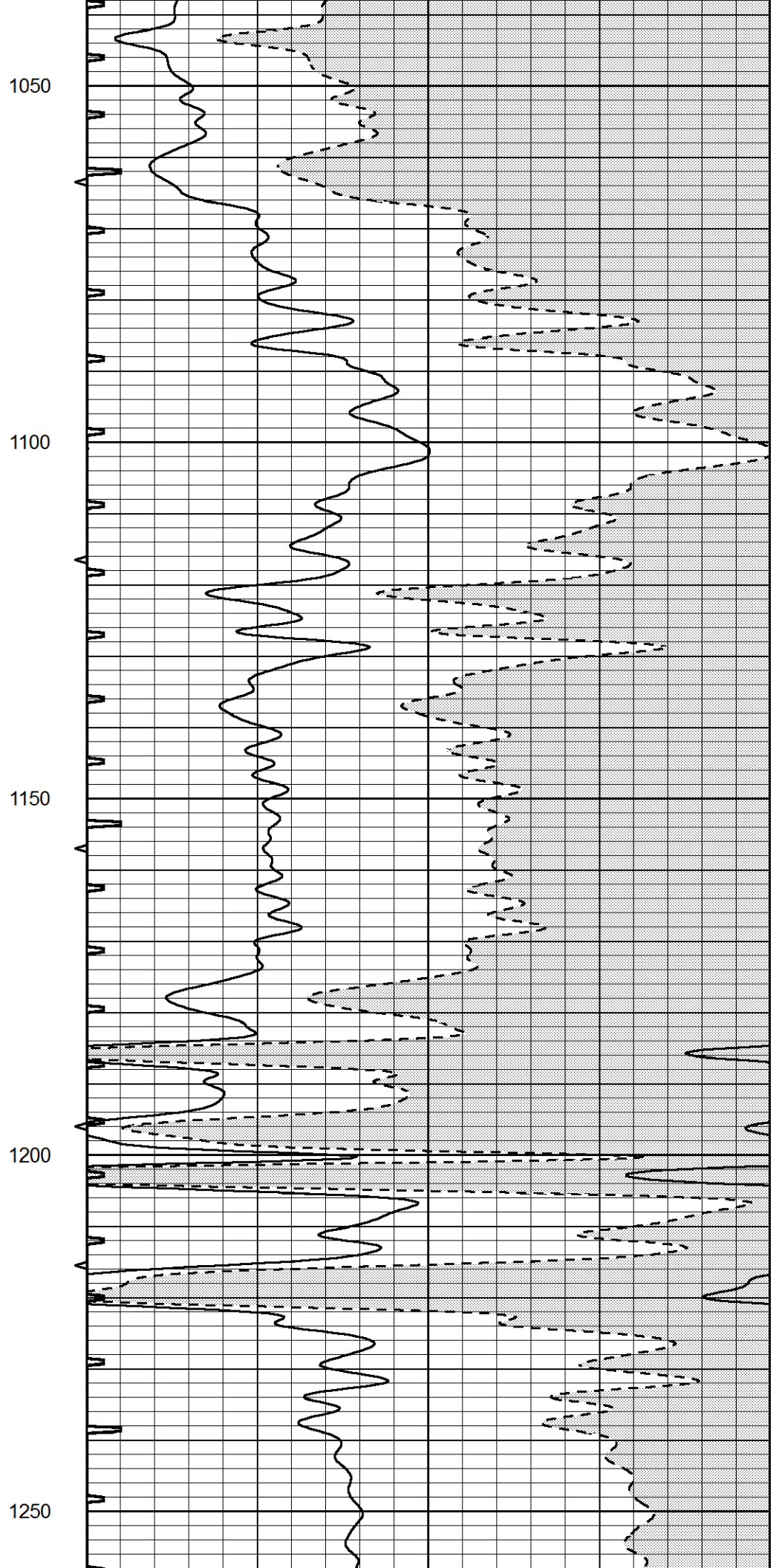
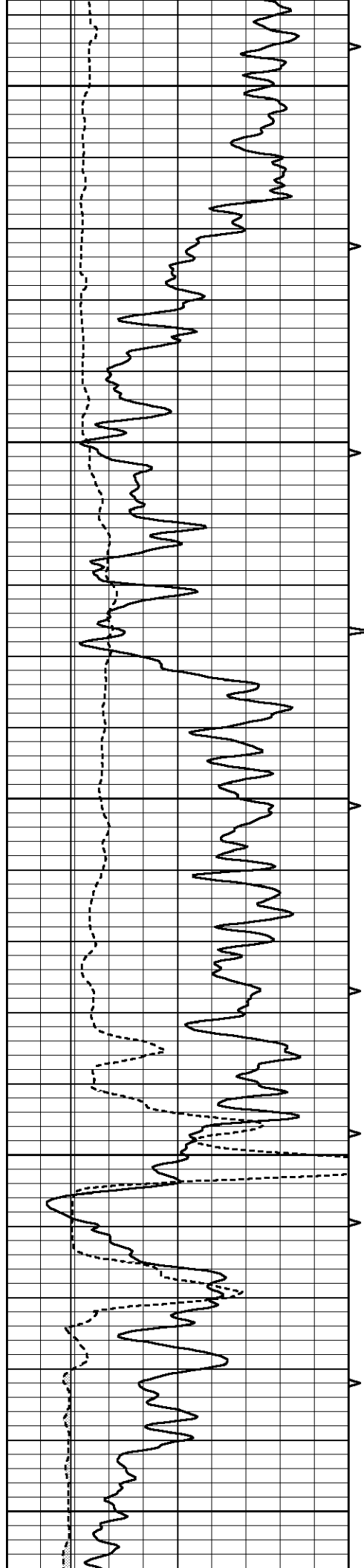


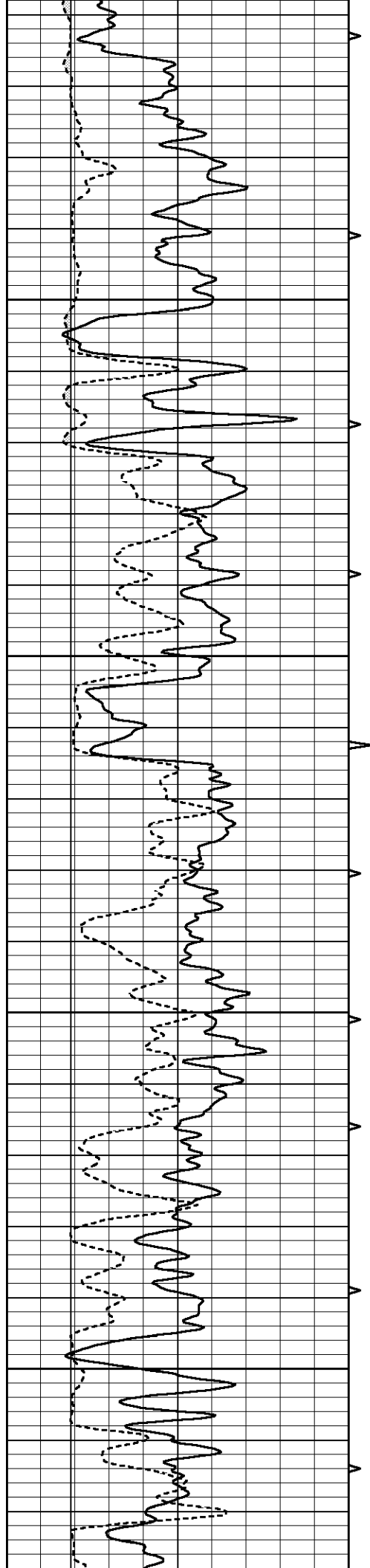










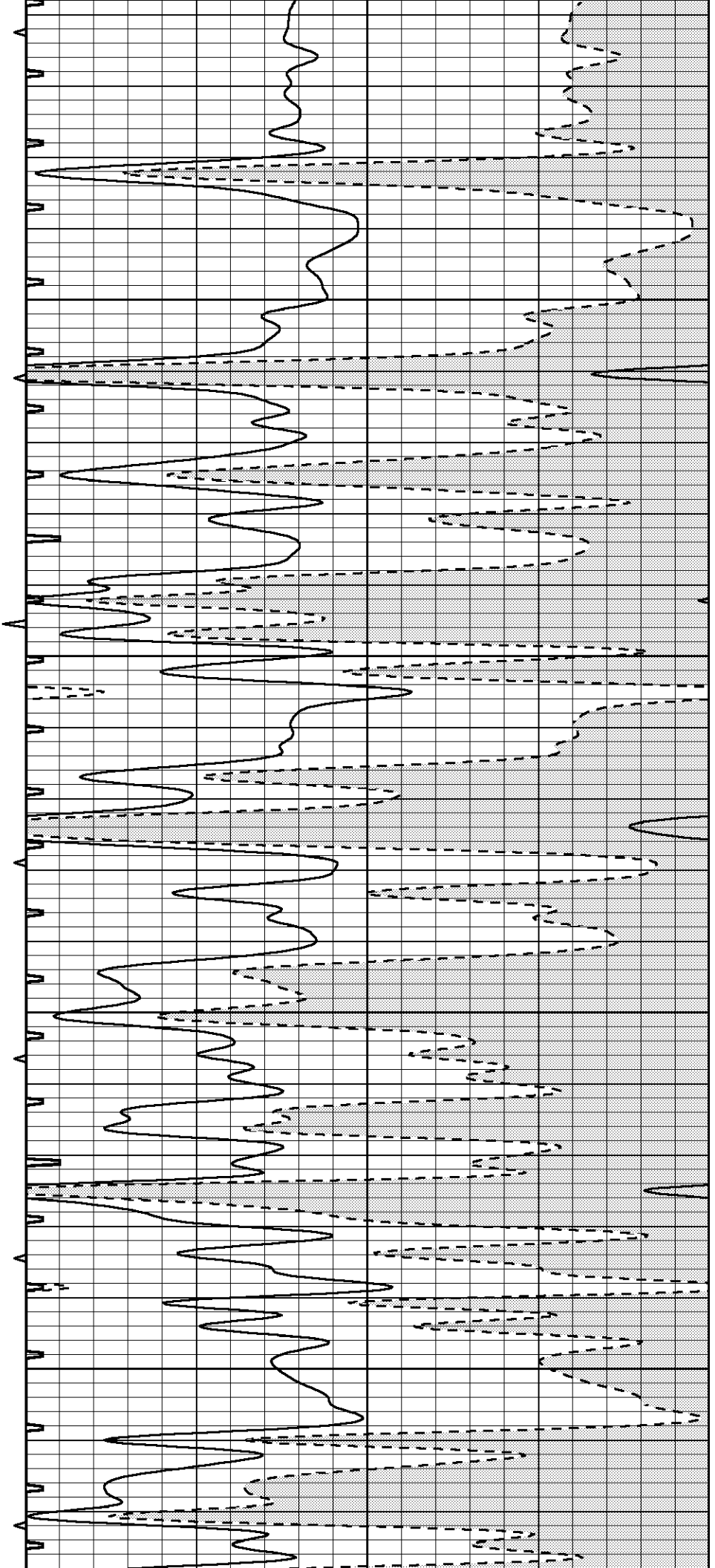


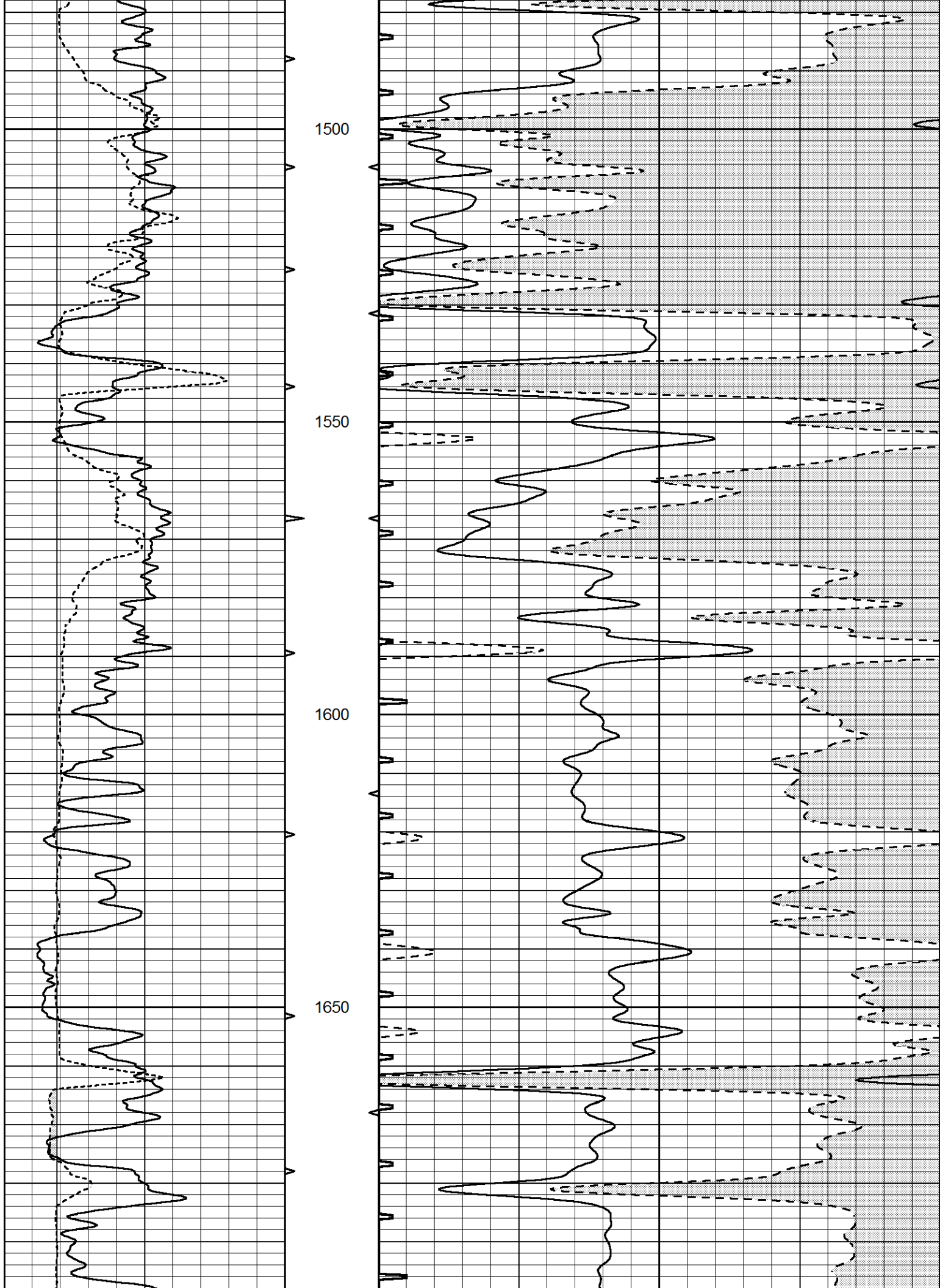
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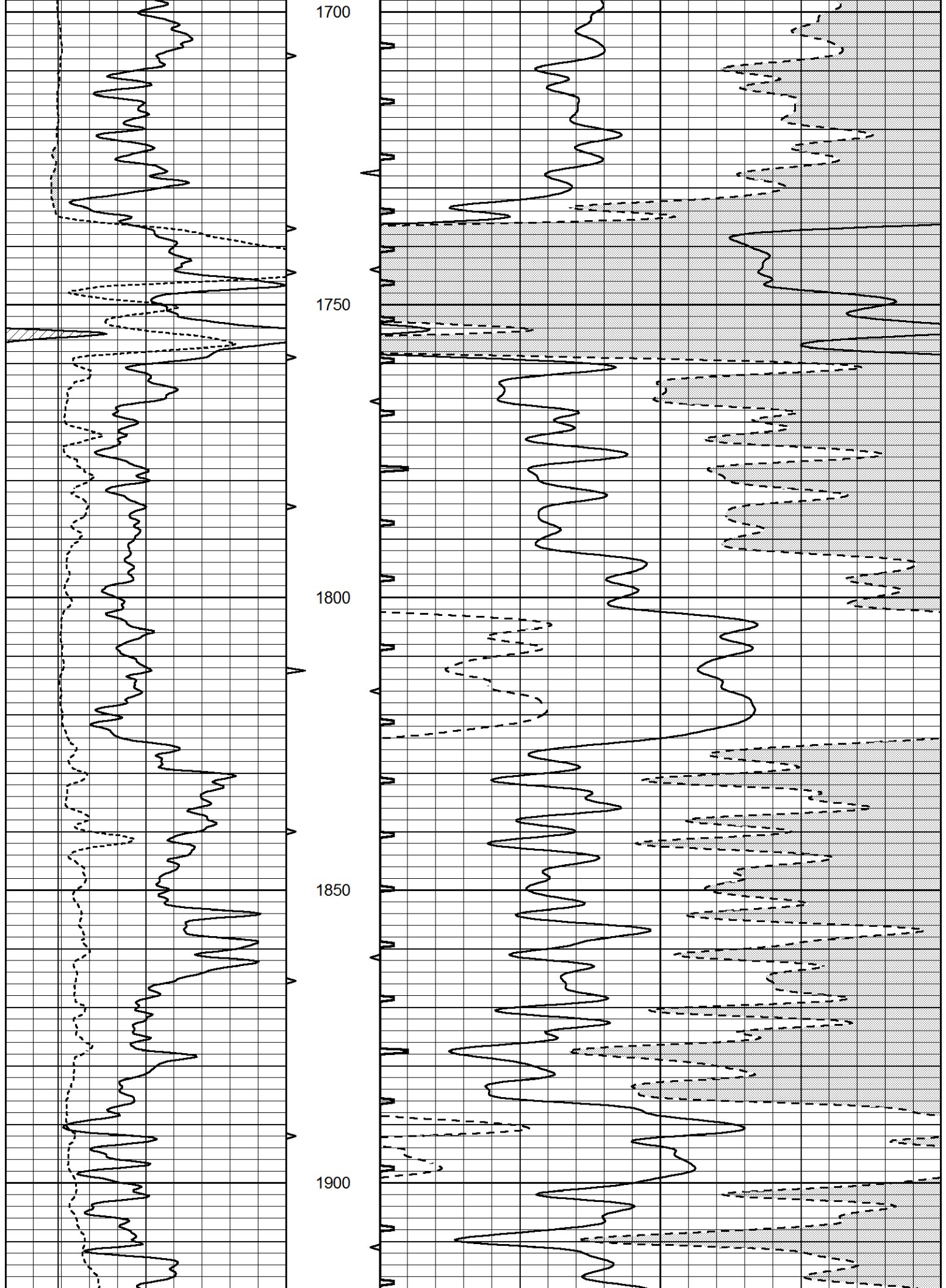
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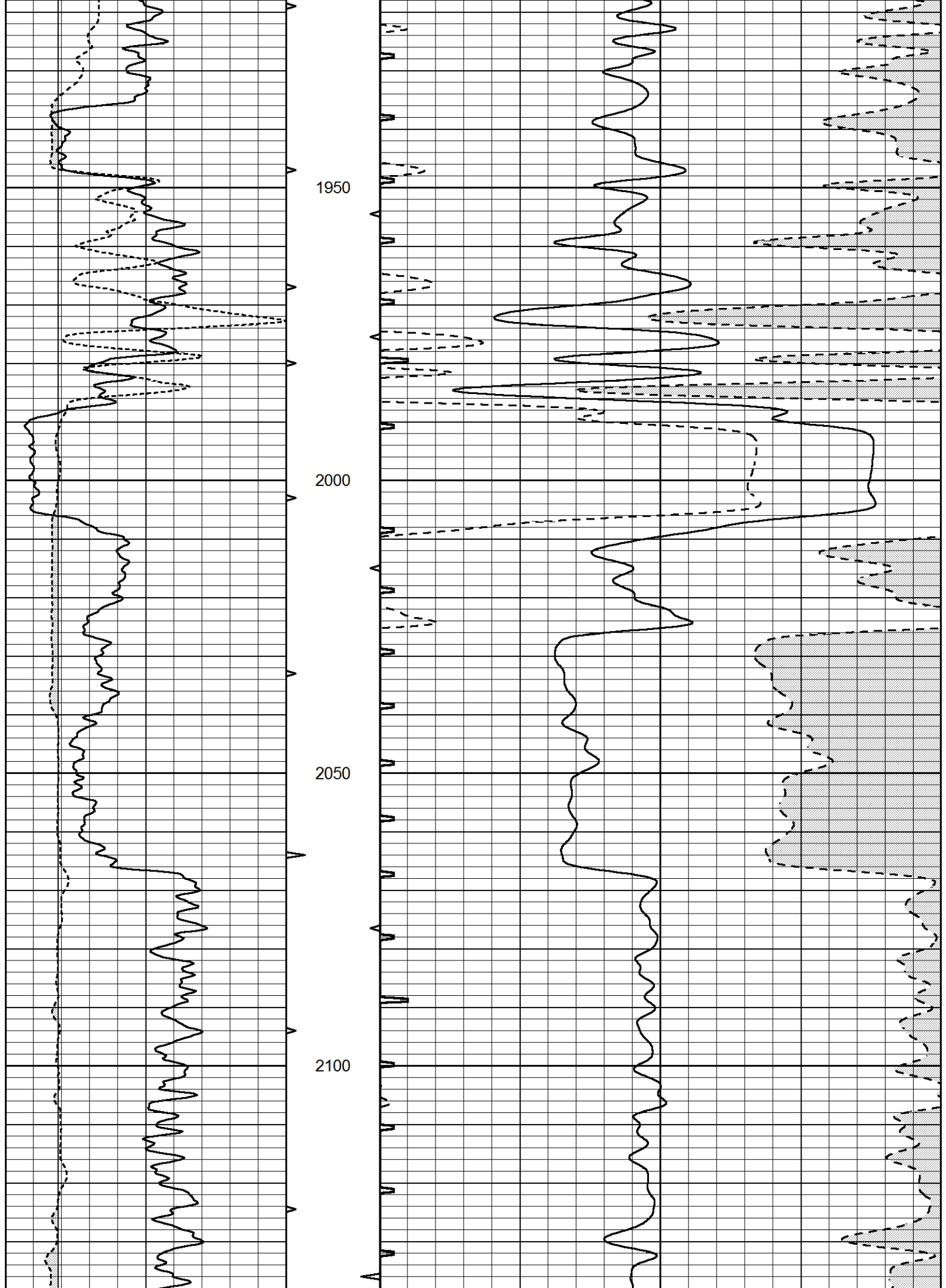
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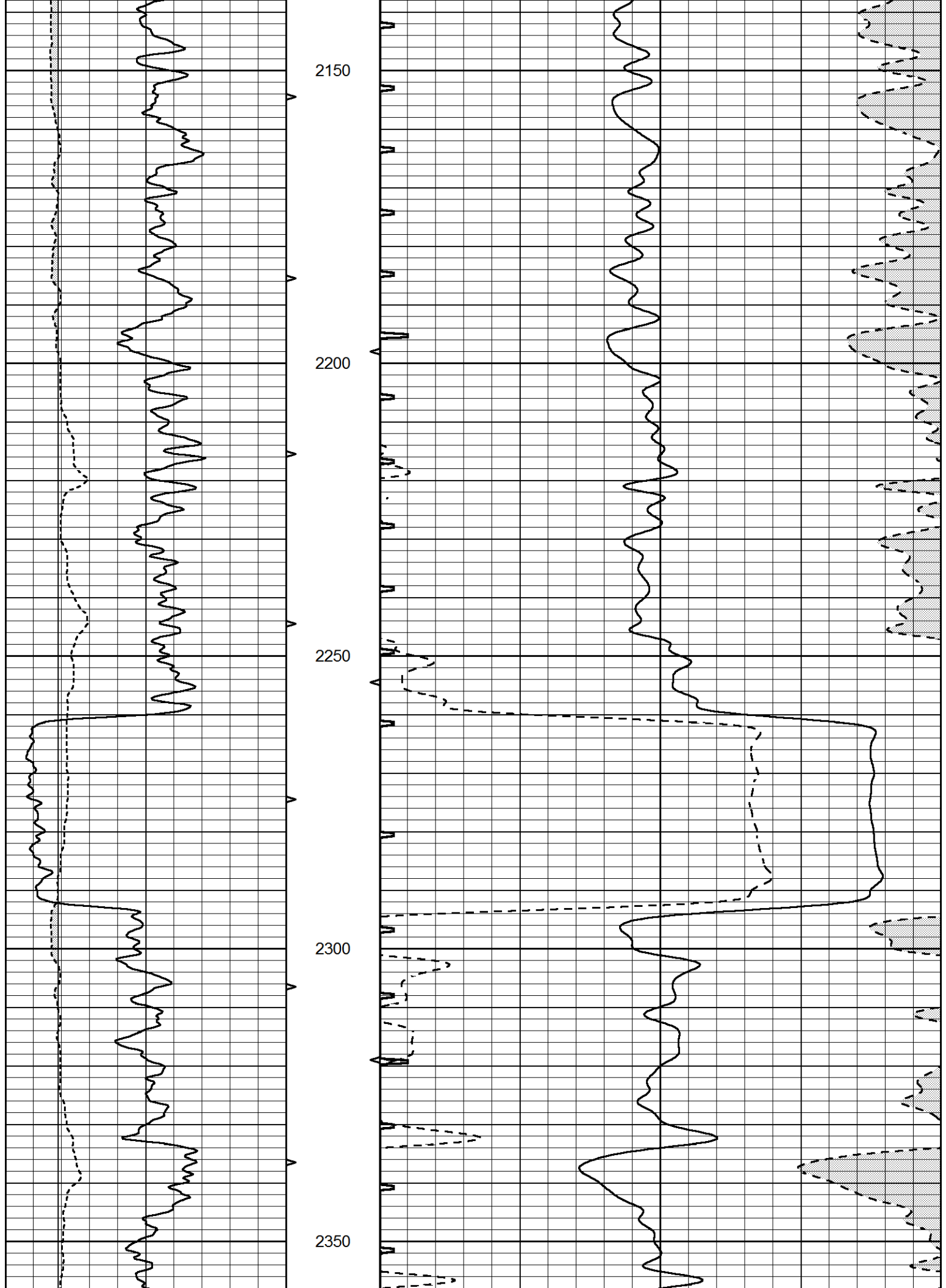
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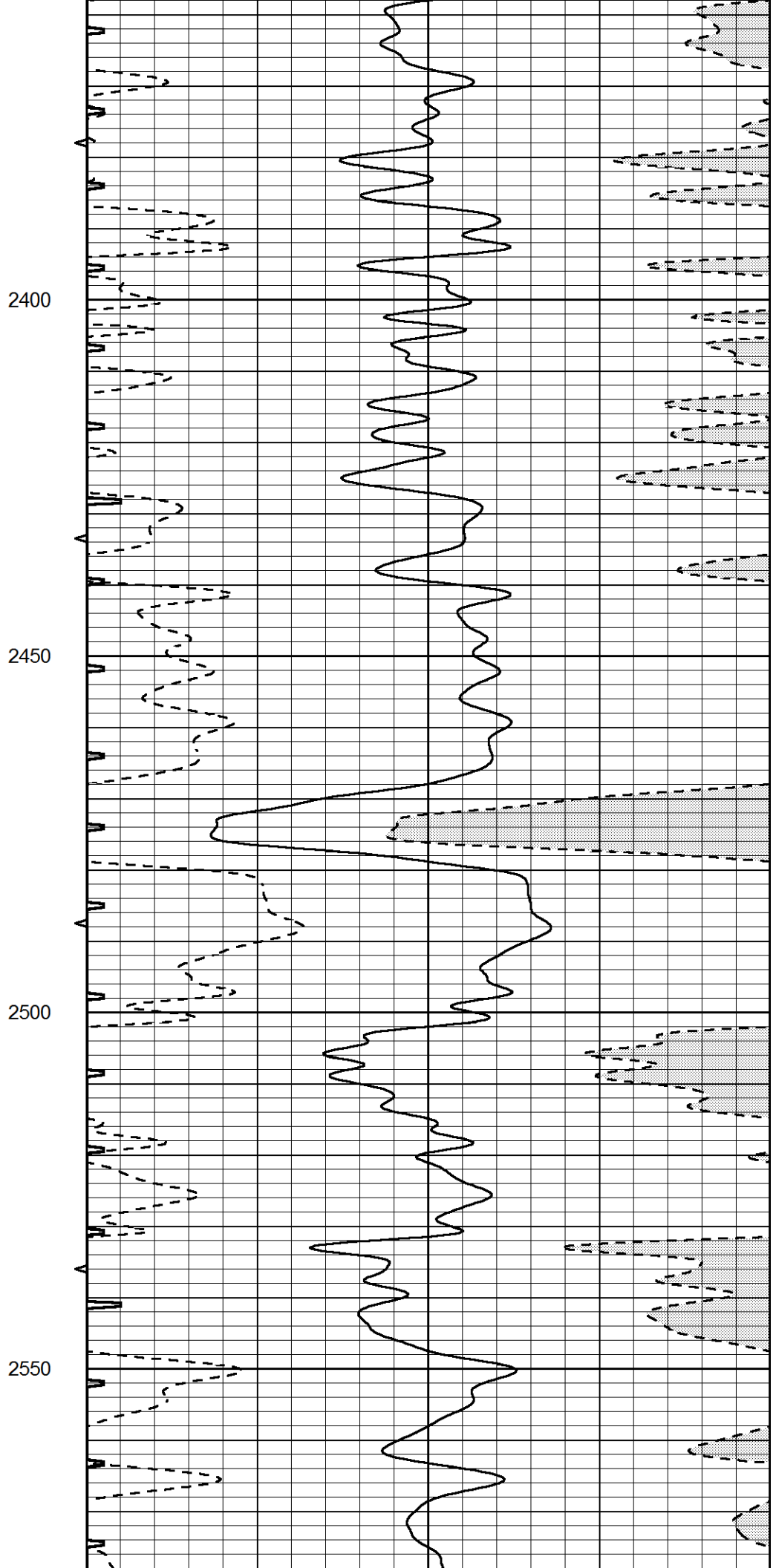
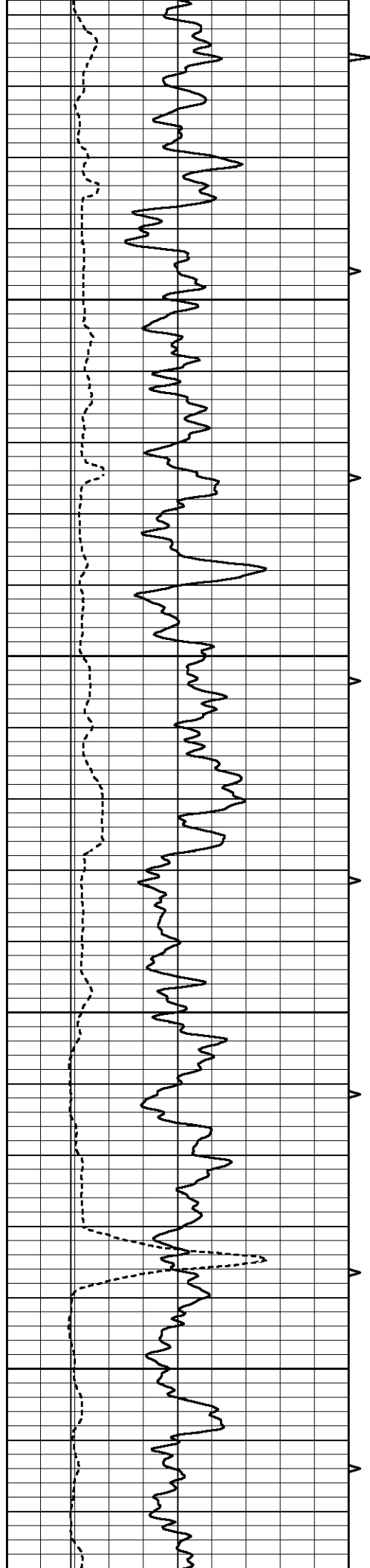


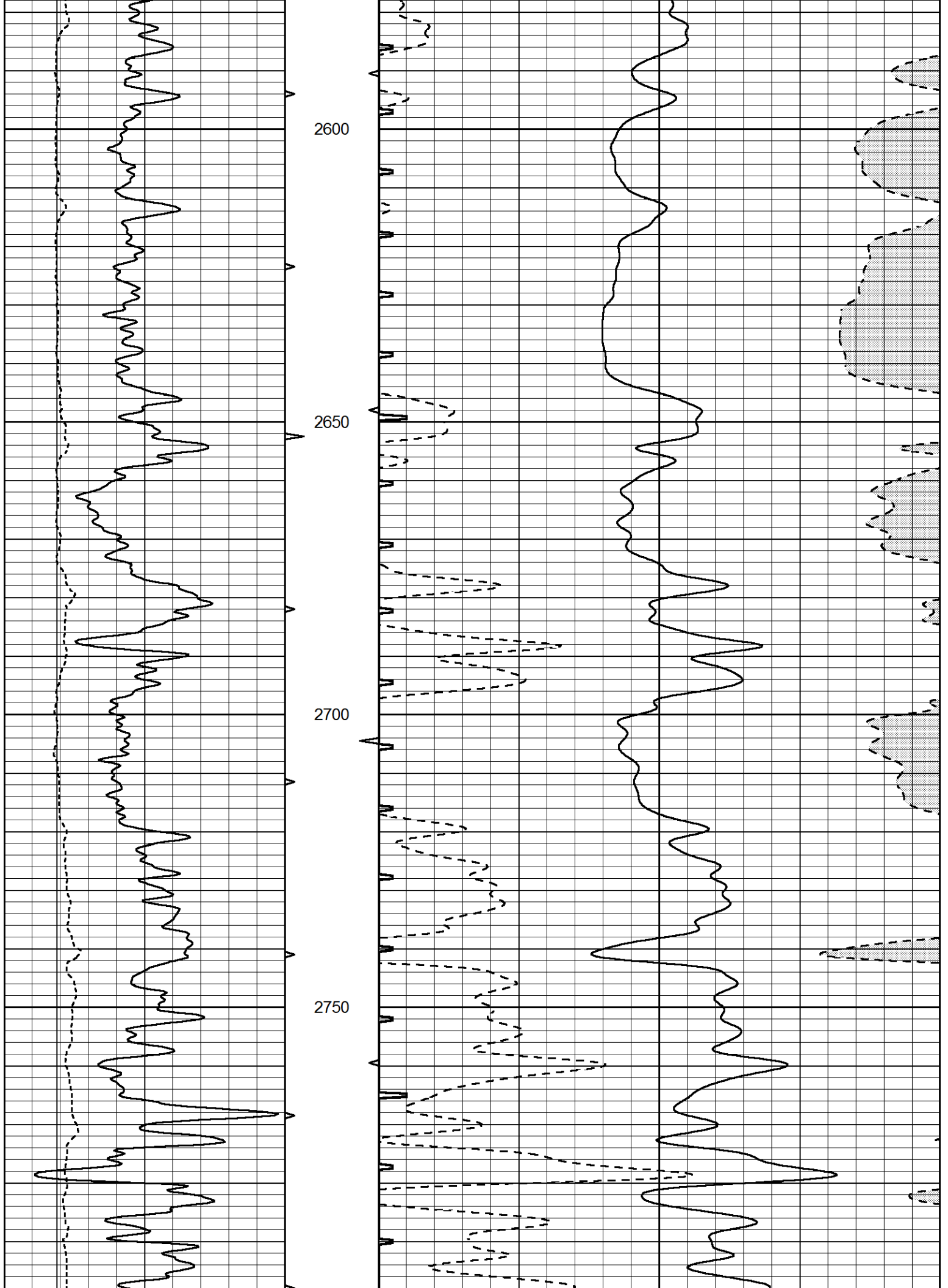




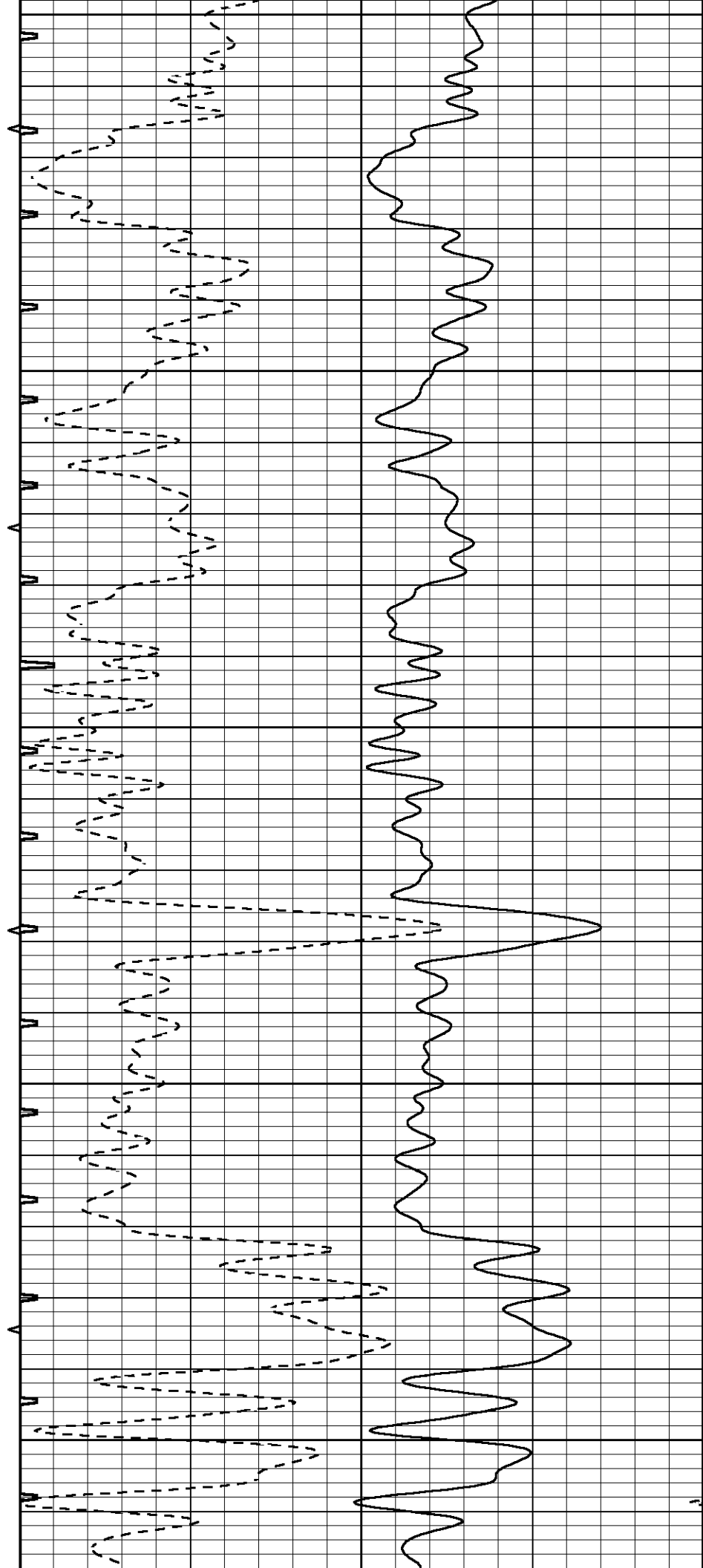
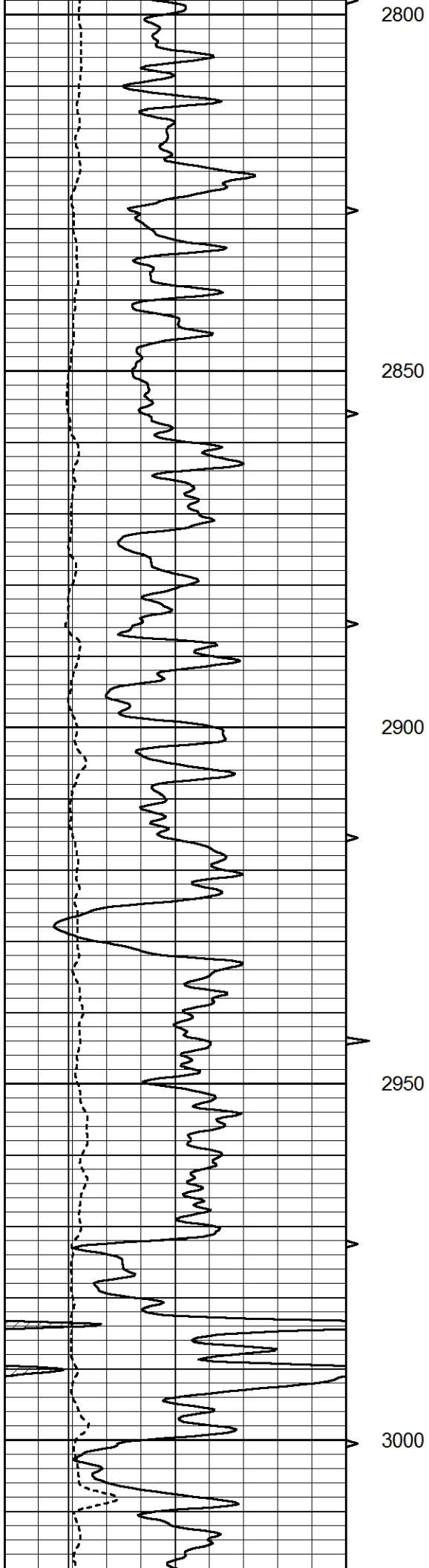


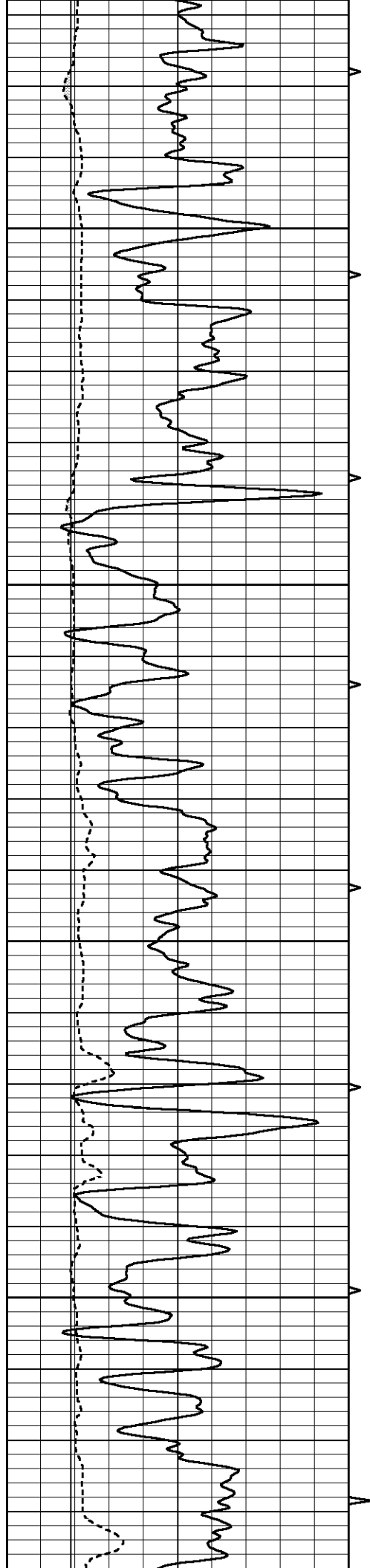










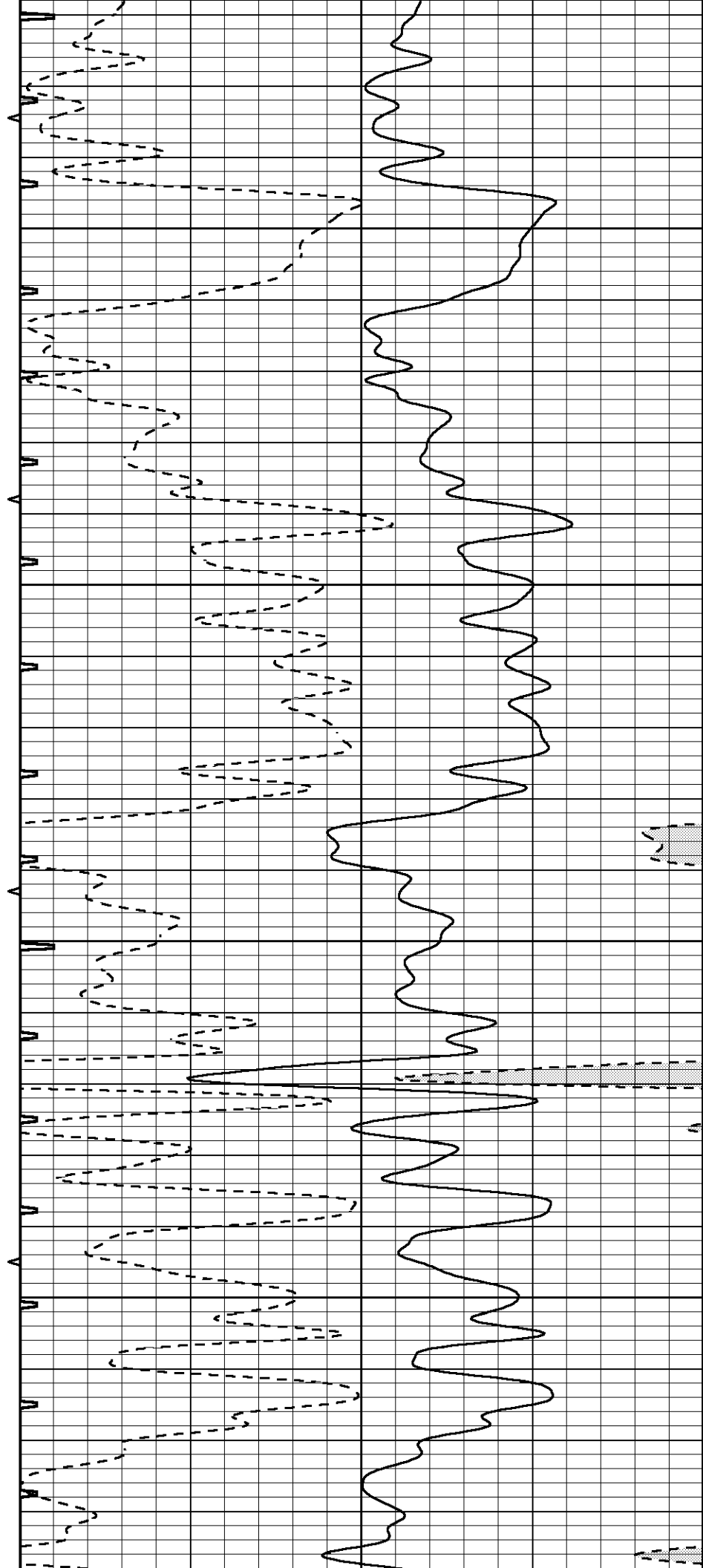


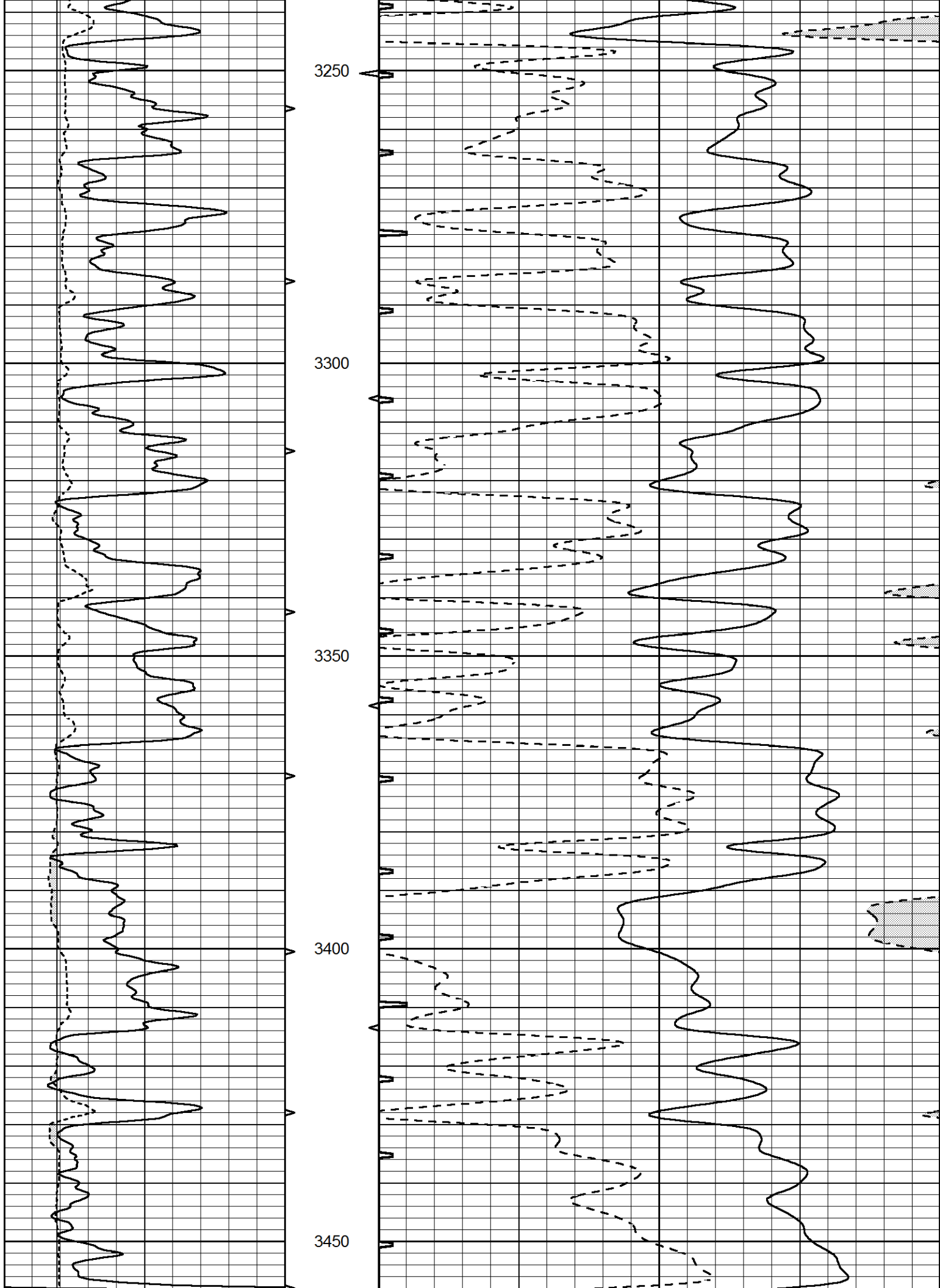
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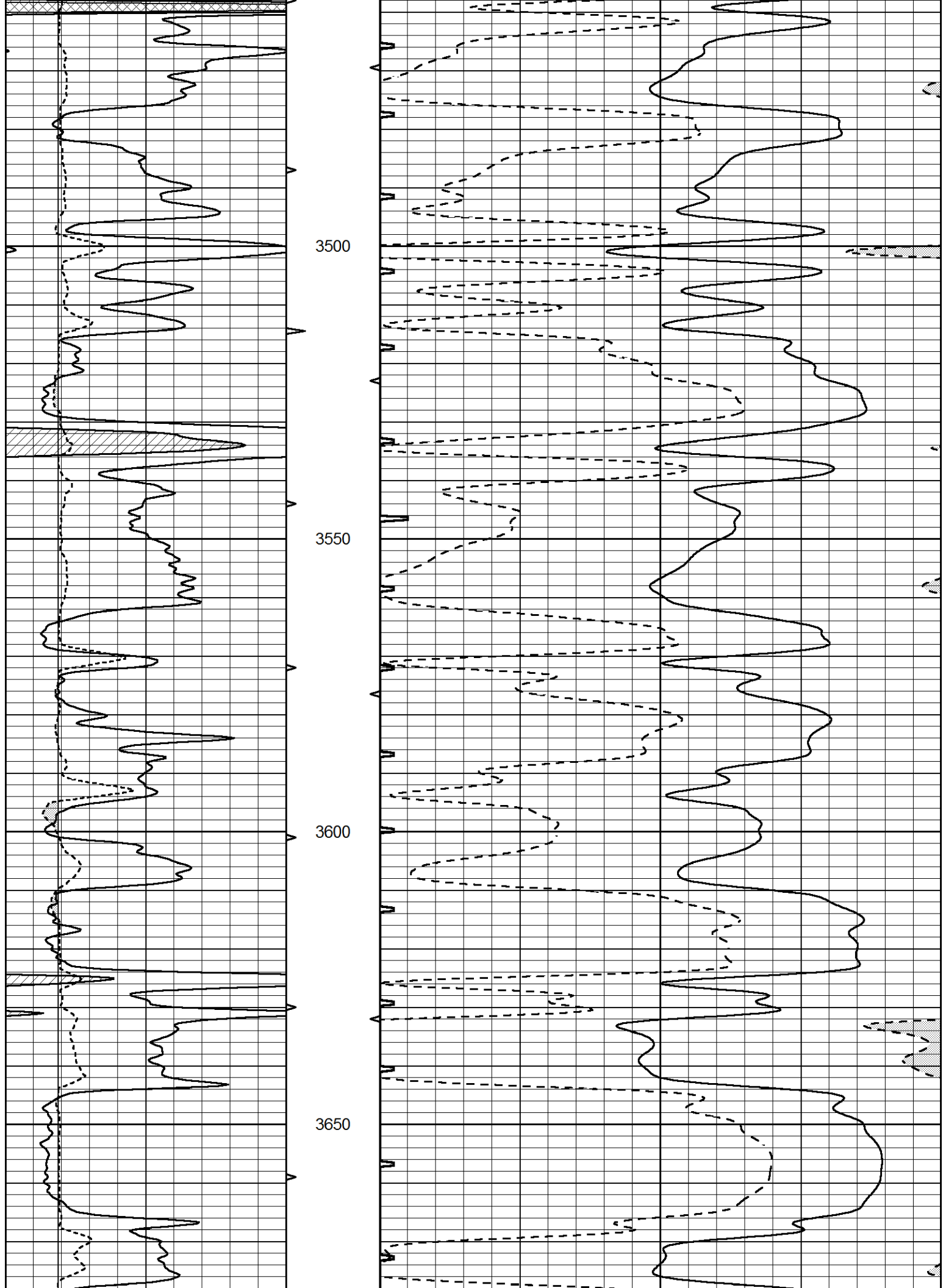
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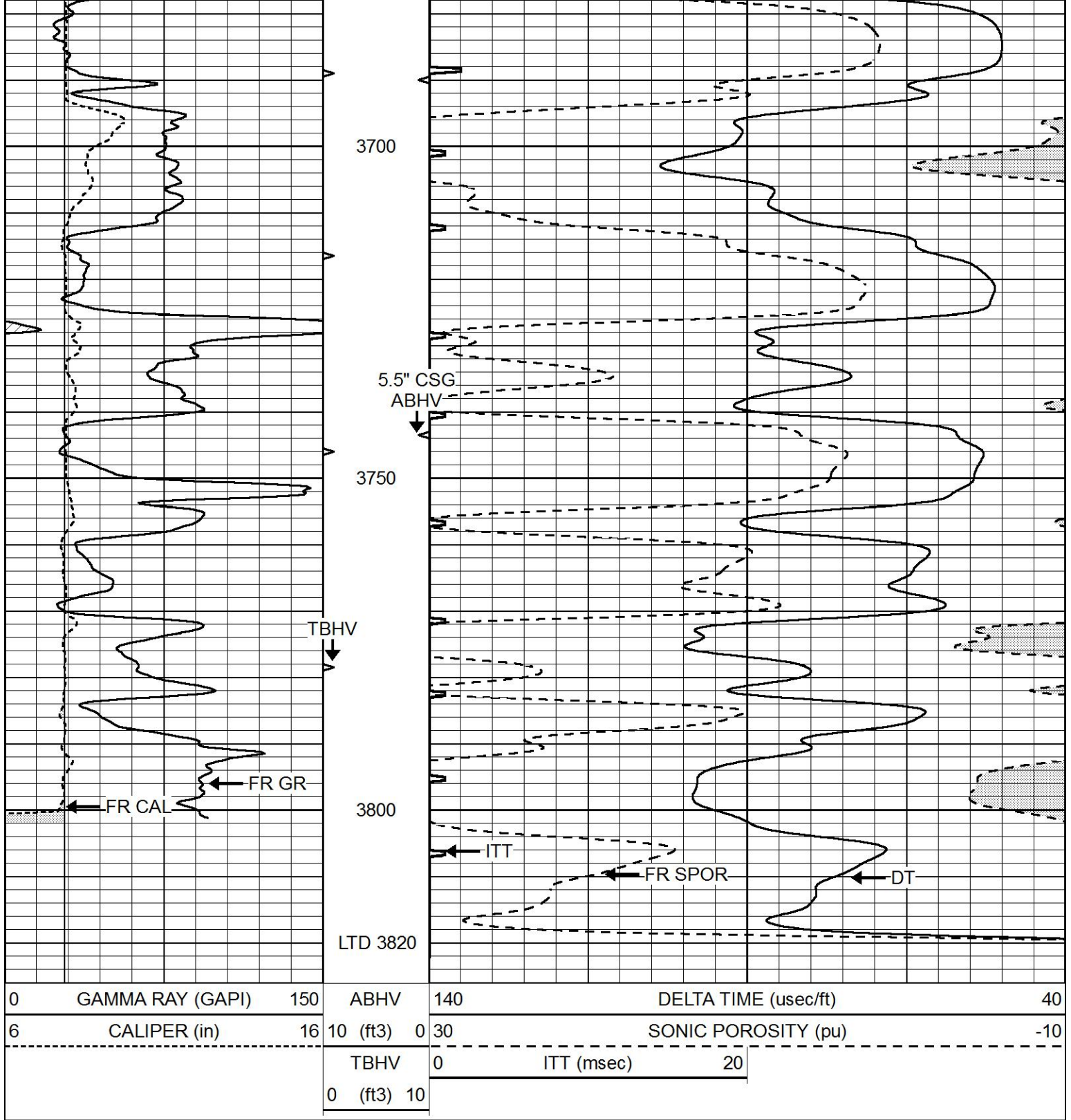
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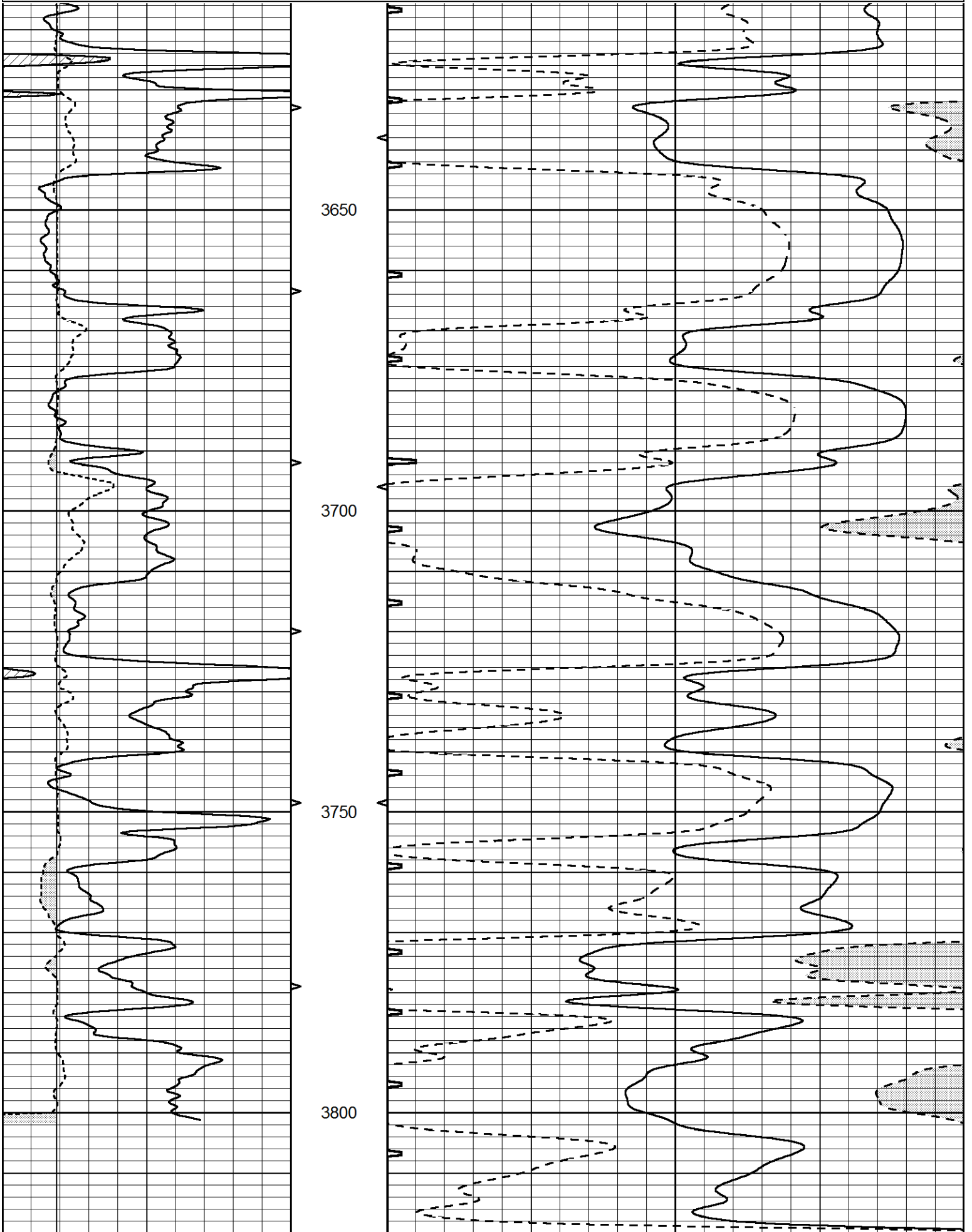


# REPEAT SECTION

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 Dataset Pathname pass5.1  
 Presentation Format \_slt  
 Dataset Creation Tue Jan 21 04:06:23 2020  
 Charted by Depth in Feet scaled 1:240

0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft)	40
---	------------------	-----	------	-----	----------------------	----

TBHV	0	ITT (msec)	20
0 (ft3) 10			



0	GAMMA RAY (GAPI)							150	ABHV	140	DELTA TIME (usec/ft)							40			
6	CALIPER (in)							16	10 (ft3) 0	30	SONIC POROSITY (pu)							-10			
								TBHV	0	ITT (msec)				20							
								0 (ft3) 10													