



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
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

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

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total 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

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1053249

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> 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
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

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
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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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Indian Oil Co., Inc.
Well Name	Boonedocker 1
Doc ID	1053249

Tops

Name	Top	Datum
BKC	4564	-3188
PAWNEE	4665	-3289
CHEROKEE	4712	-3376
CHER SAND	4796	-3420
MISSISSIPPIAN	4882	-3506
KINDERHOOK SH	5007	-3631
WOODFORD SHALE	5090	-4953
MISENER SAND	5111	-3735
VIOLA	5118	-3742
SIMPSON	5276	-3895
SIMPSON WILCOX	5308	-3932

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



phone: 316-337-6200
fax: 316-337-6211
<http://kcc.ks.gov/>

Thomas E. Wright, Chairman
Ward Loyd, Commissioner

Corporation Commission

Sam Brownback, Governor

April 04, 2011

Indian Oil Co., Inc.
PO BOX 209
2507 SE US 160 HWY
MEDICINE LODGE, KS 67104-0209

Re: ACO1
API 15-007-23640-00-00
Boonedocker 1
SE/4 Sec.06-35S-11W
Barber County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,

Joscelyn Nittler



DIGITAL LOG (785) 625-3858

Dual Induction Log

API No.	15-007-23,640-00-00	
Company	Indian Oil Company, Inc.	
Well	Boonedocker No.1	
Field	Stranathan Pool	
County	Barber	State Kansas
Location	NW SW NW SE 1720' FSL & 2324' FEL	
Sec: 6	Twp: 35S	Rge: 11W
Other Services	CNL/CDL	

Permanent Datum	Ground Level	Elevation 1365
Log Measured From	Kelly Bushing	11 Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing	
Date	2/1/2011	

Run Number	One
Depth Driller	5375
Depth Logger	5370
Bottom Logged Interval	5369
Top Log Interval	250
Casing Driller	13.375 @ 253
Casing Logger	254
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity, ppm CL	4.000
Density / Viscosity	8.9 45
pH / Fluid Loss	9.5 9.6
Source of Sample	Flowline
Rm @ Meas. Temp	.6 @ 40
Rmf @ Meas. Temp	.45 @ 40
Rmc @ Meas. Temp	.81 @ 40
Source of Rmf / Rmc	Charts
Rm @ BHT	.18 @ 132
Operating Rig Time	2 1/2 Hours
Max Rec. Temp. F	132
Equipment Number	17
Location	Hays
Recorded By	C. Desai
Witnessed By	Anthony Farrar

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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 Log-Tech, Inc.
 (785) 625-3858
 Medicine Lodge,
 S to Hwy 2,
 1/2 E, N Into

Database File: c:\warrior\data\indian oil_boonedocker no.1\indianhd.db
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 Presentation Format: dil2in
 Dataset Creation: Tue Feb 01 17:29:57 2011
 Charted by: Depth in Feet scaled 1:600

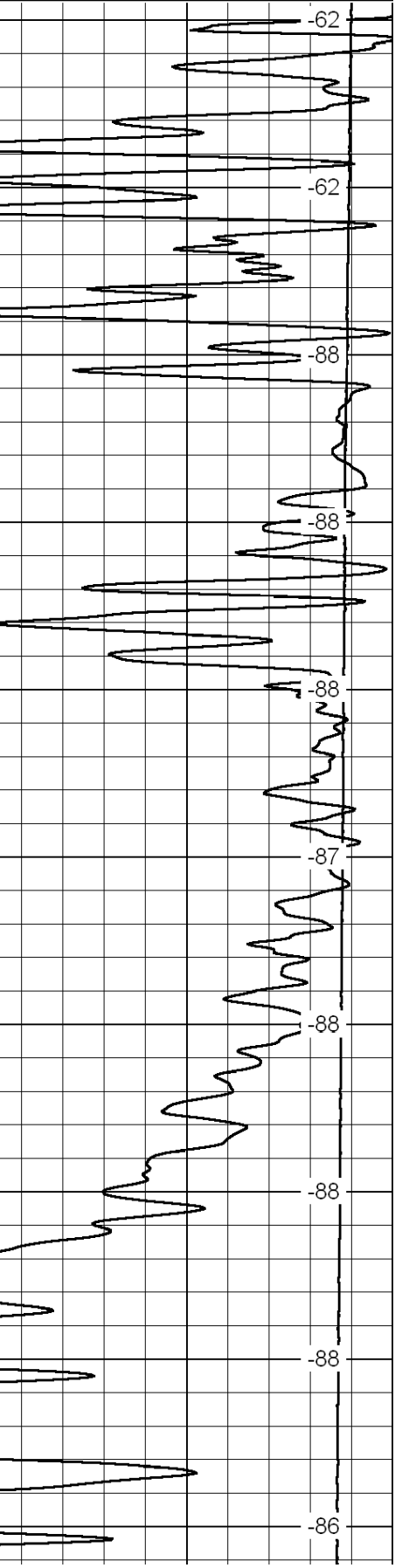
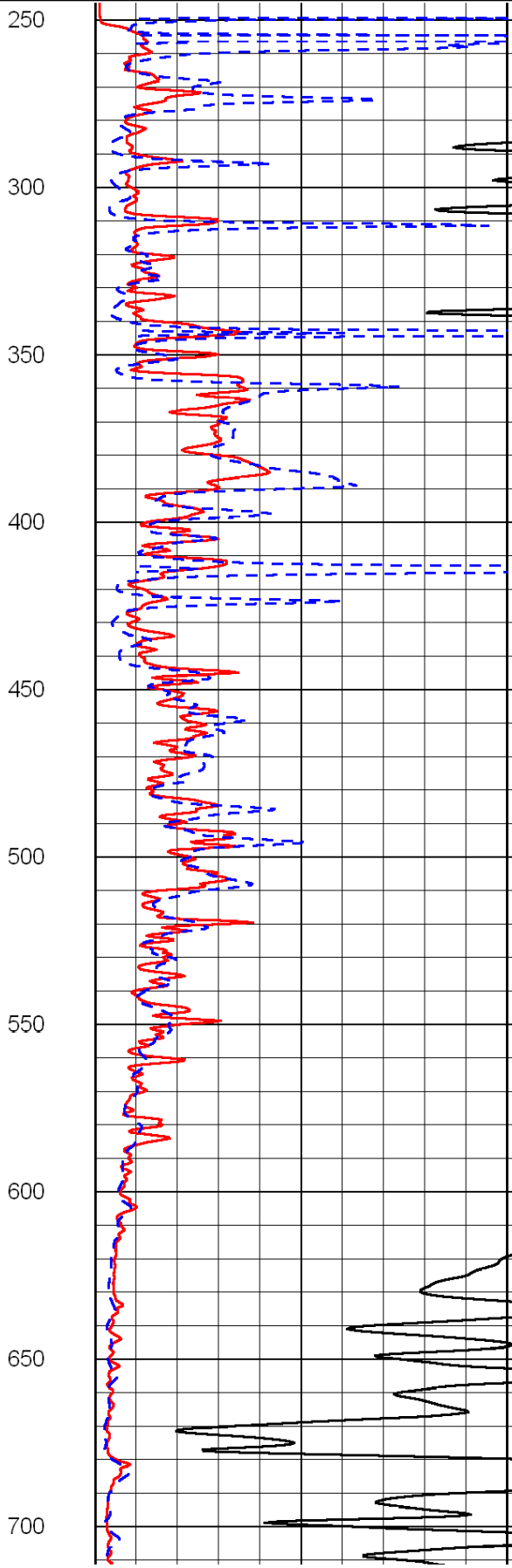
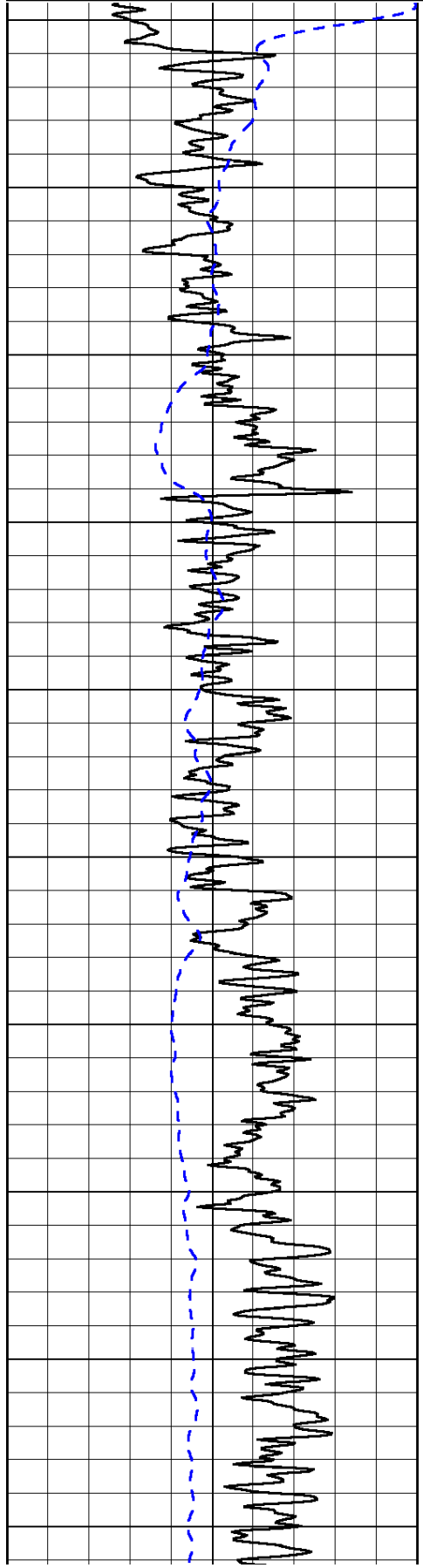
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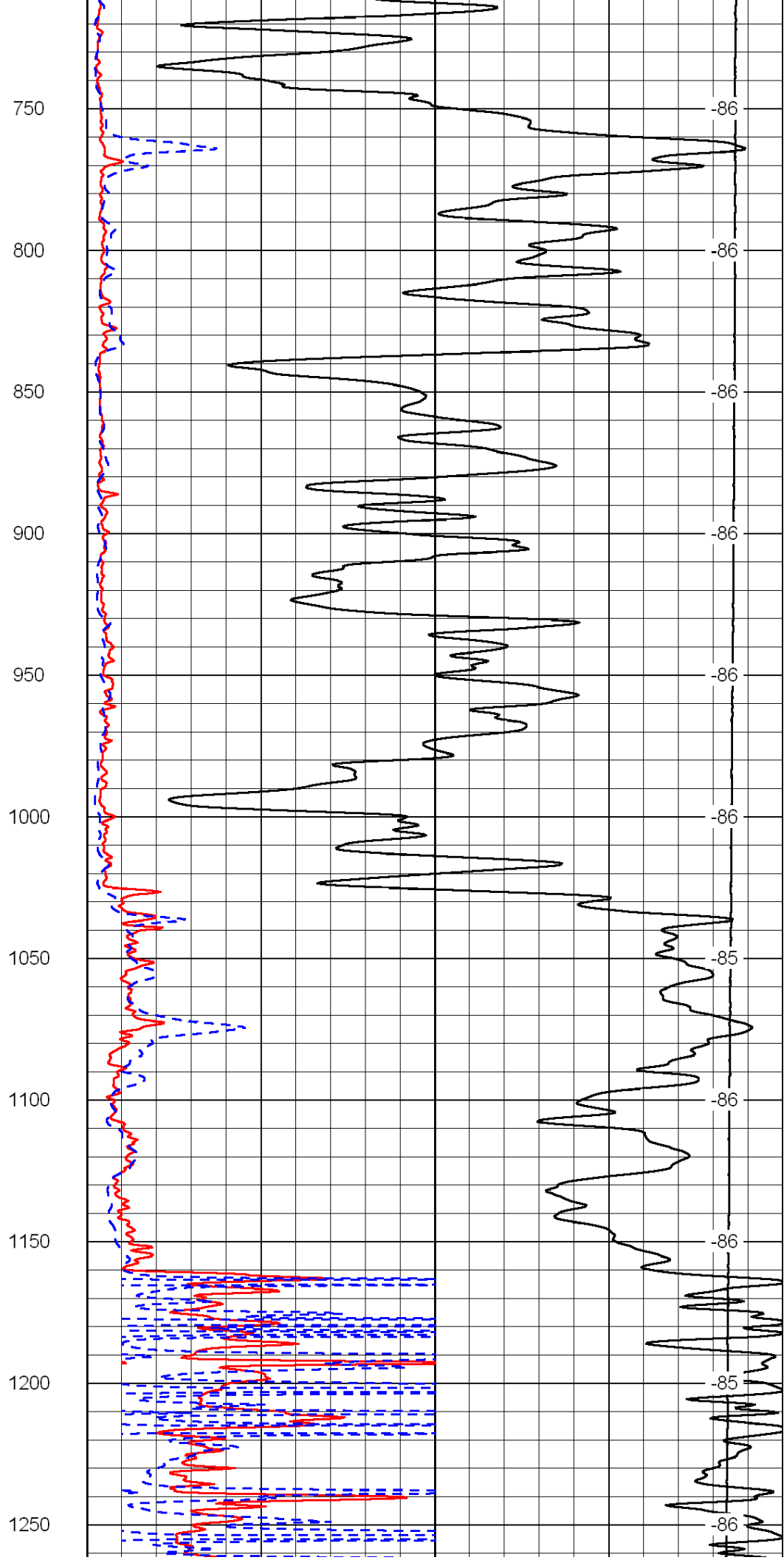
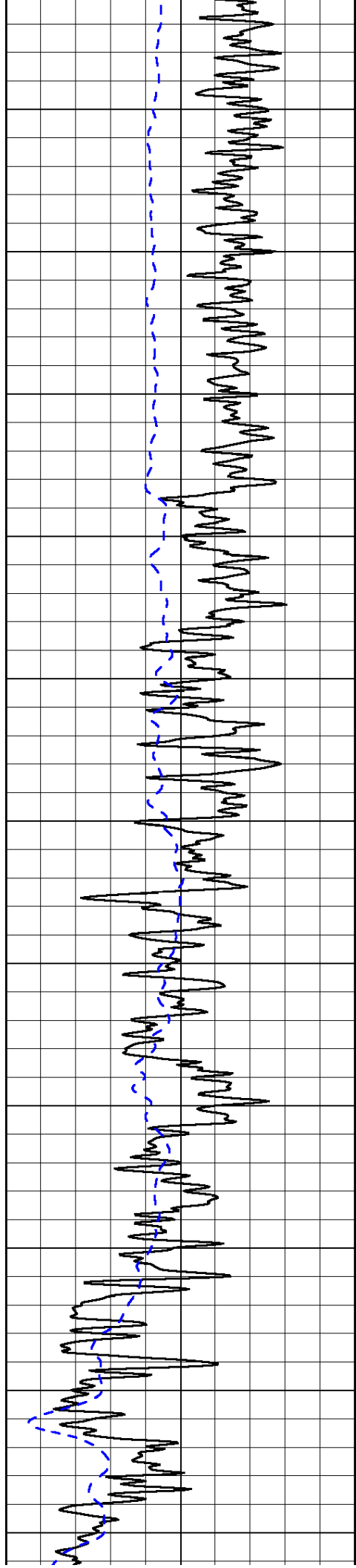
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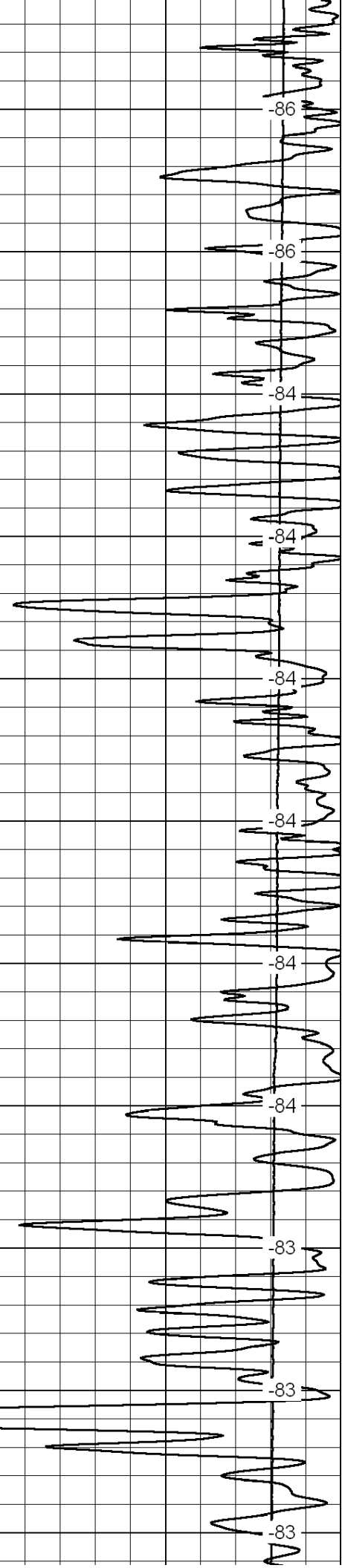
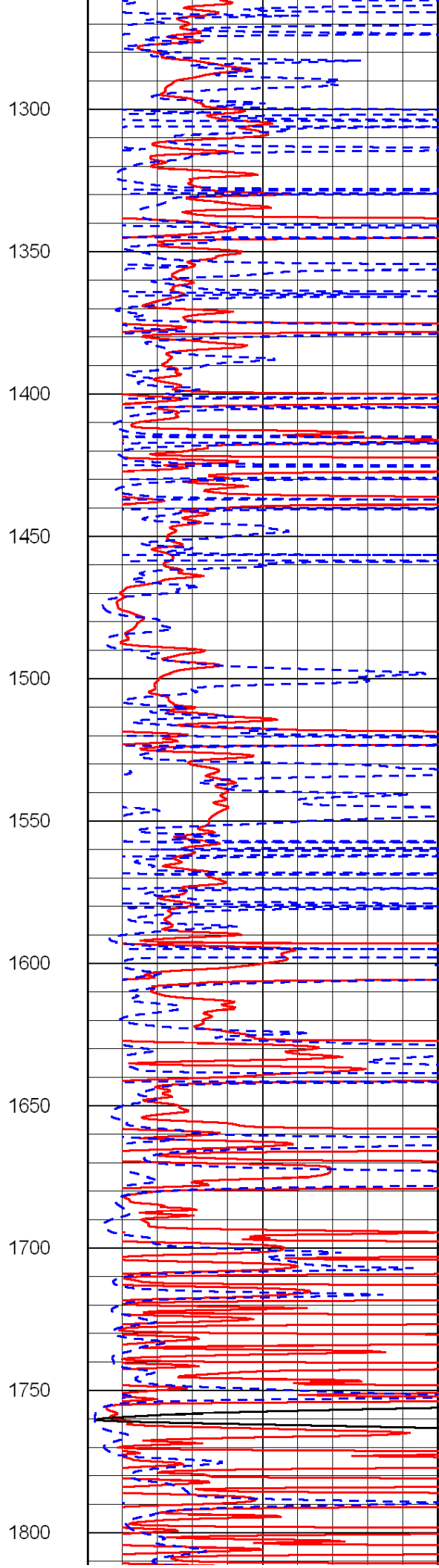
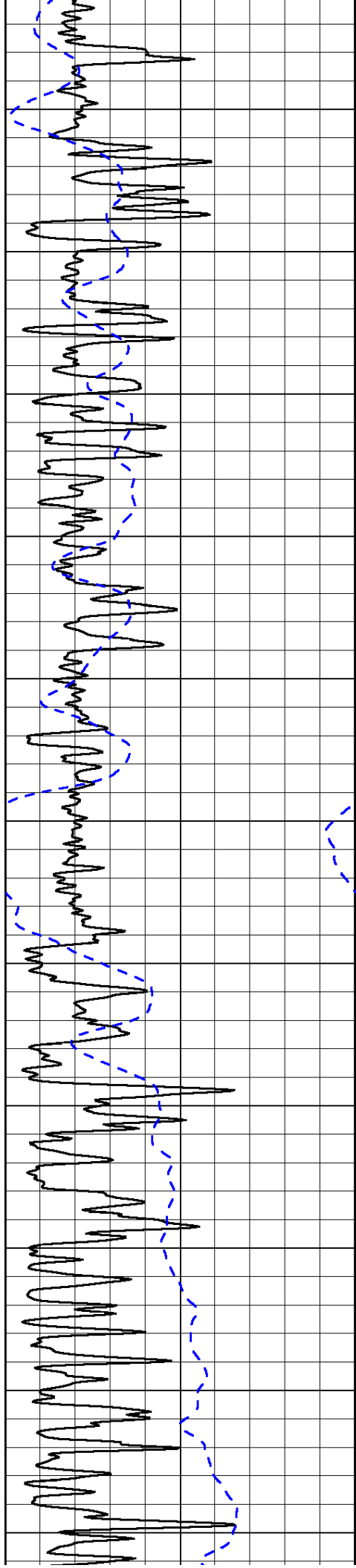
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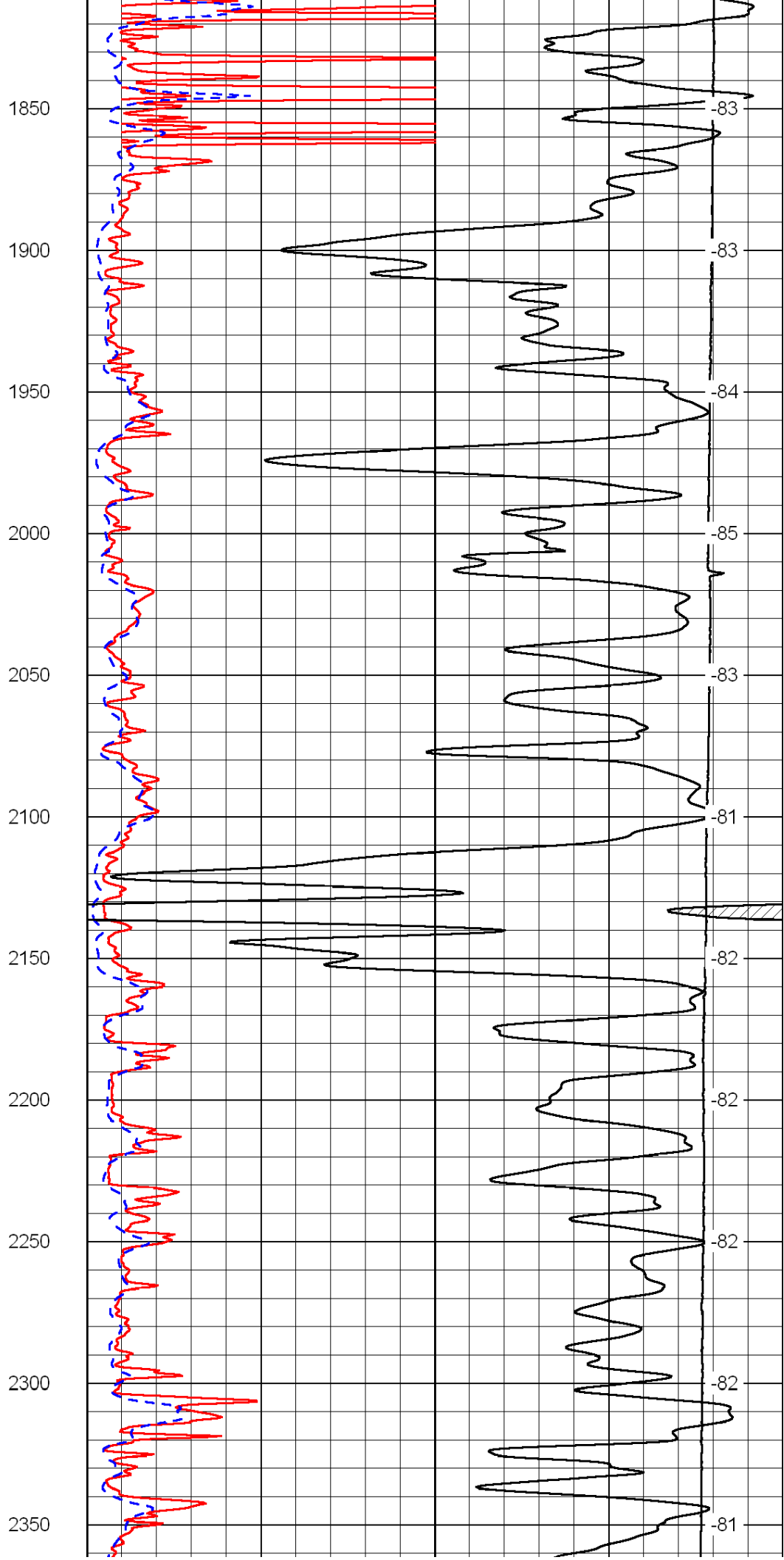
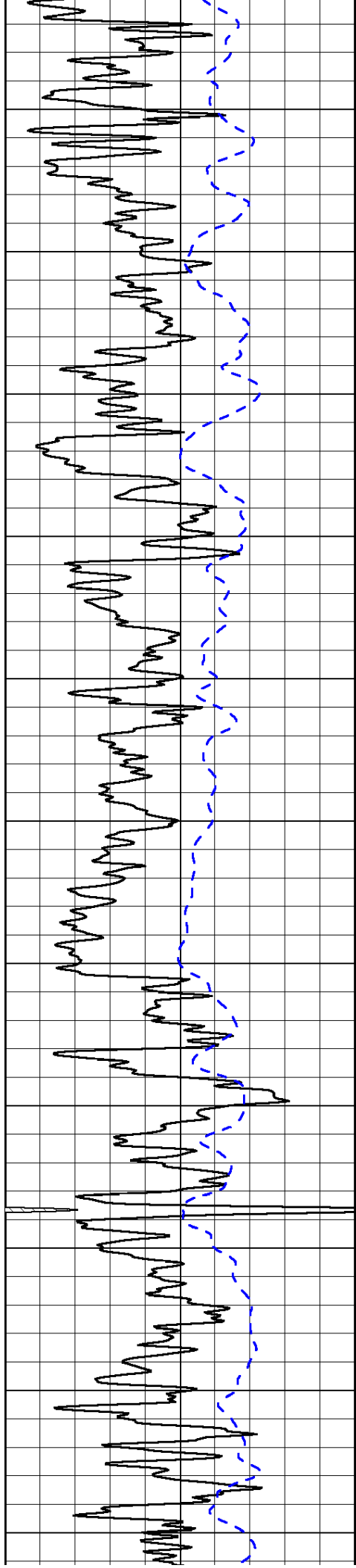
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15000	Line Tension	0

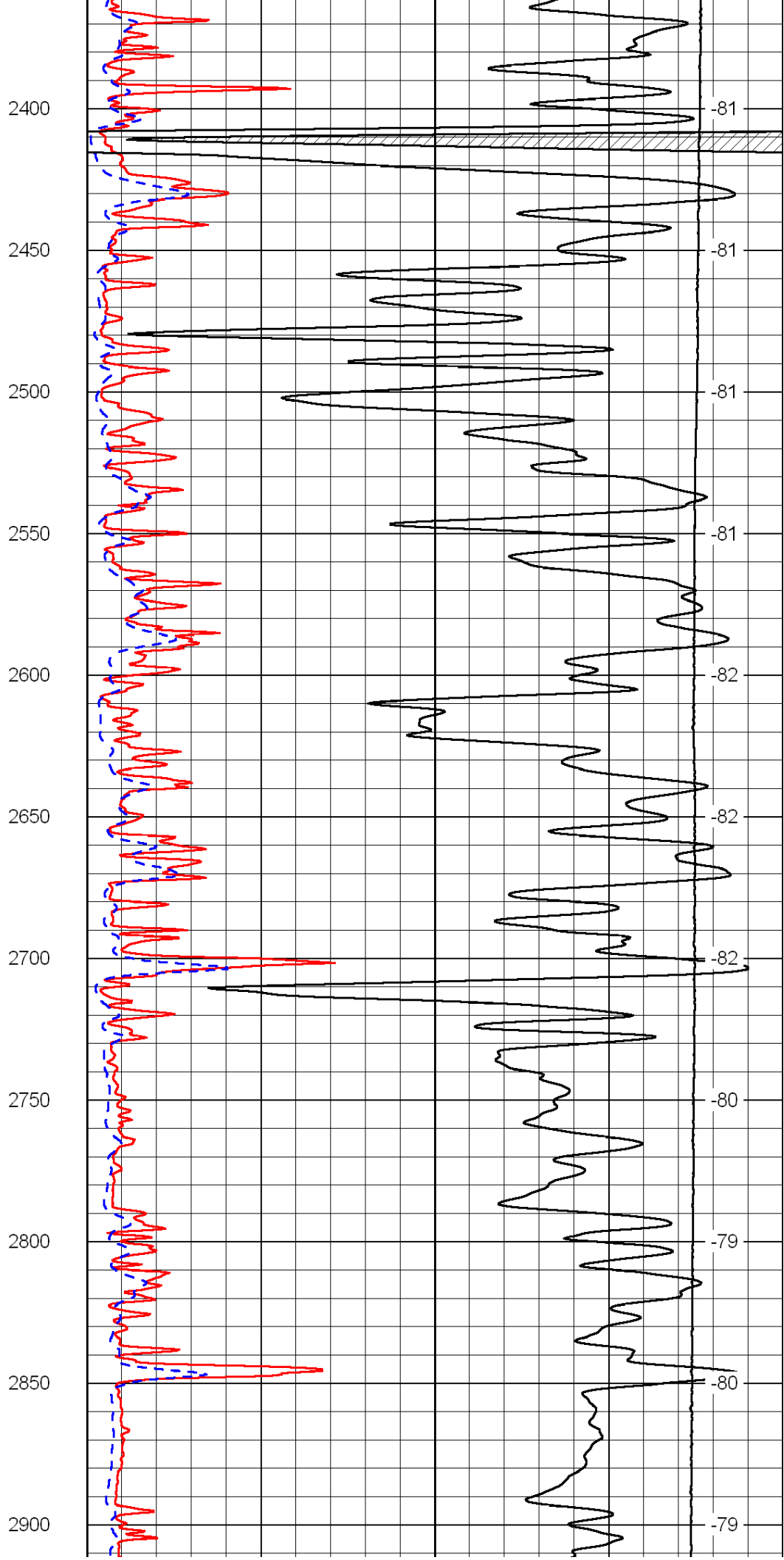
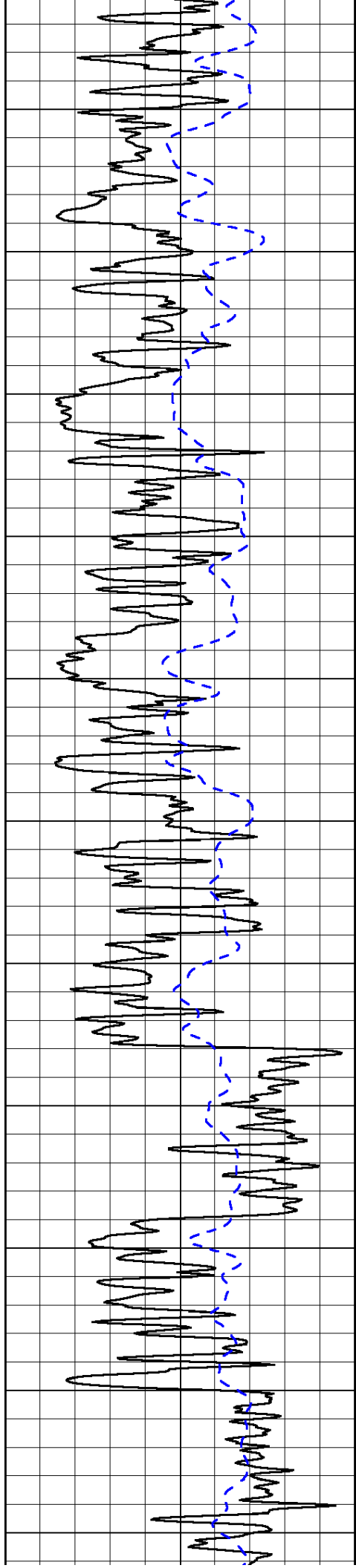
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50	Deep Resistivity	500

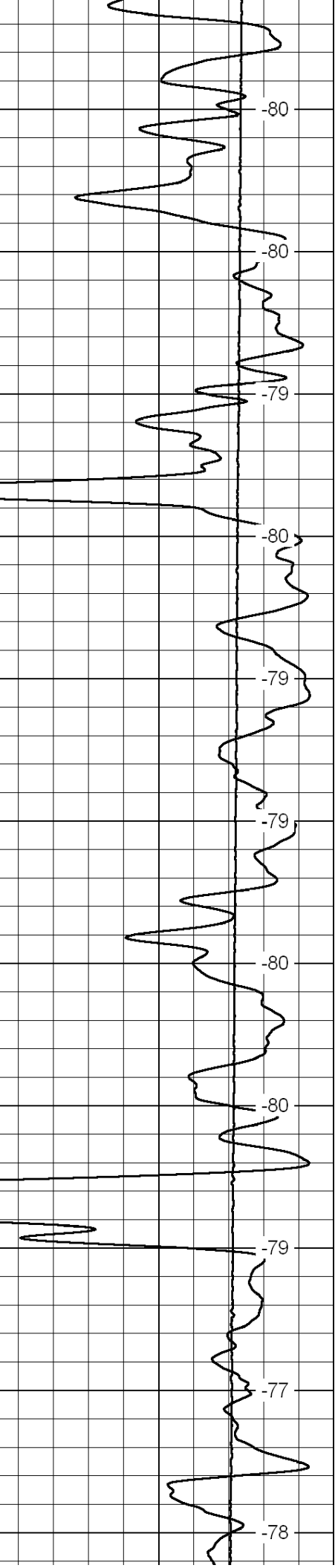
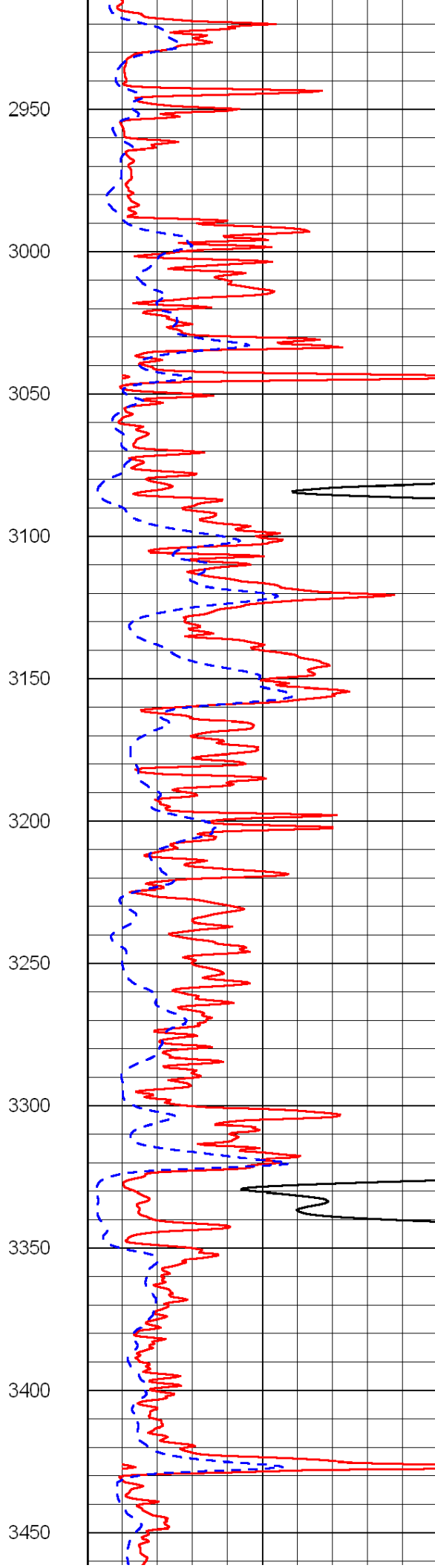
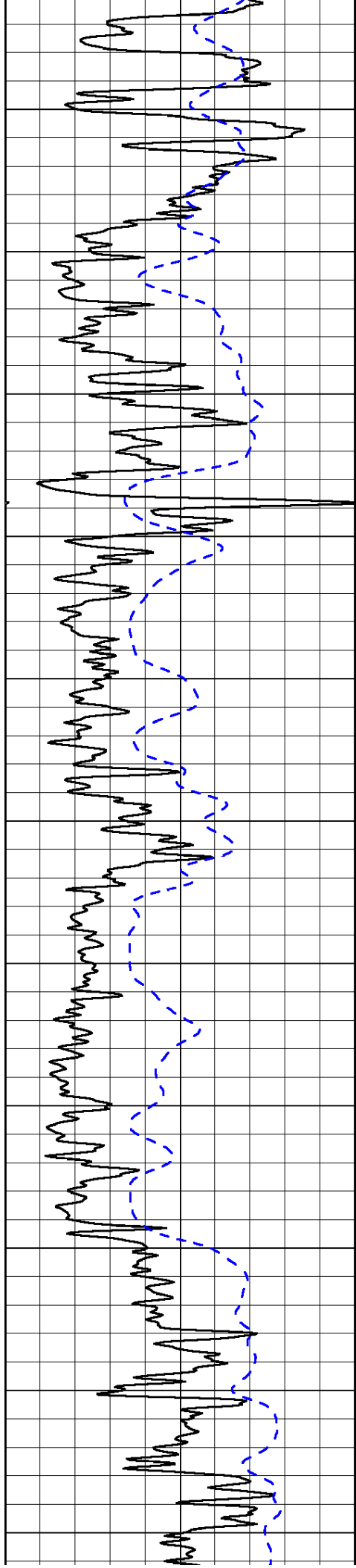


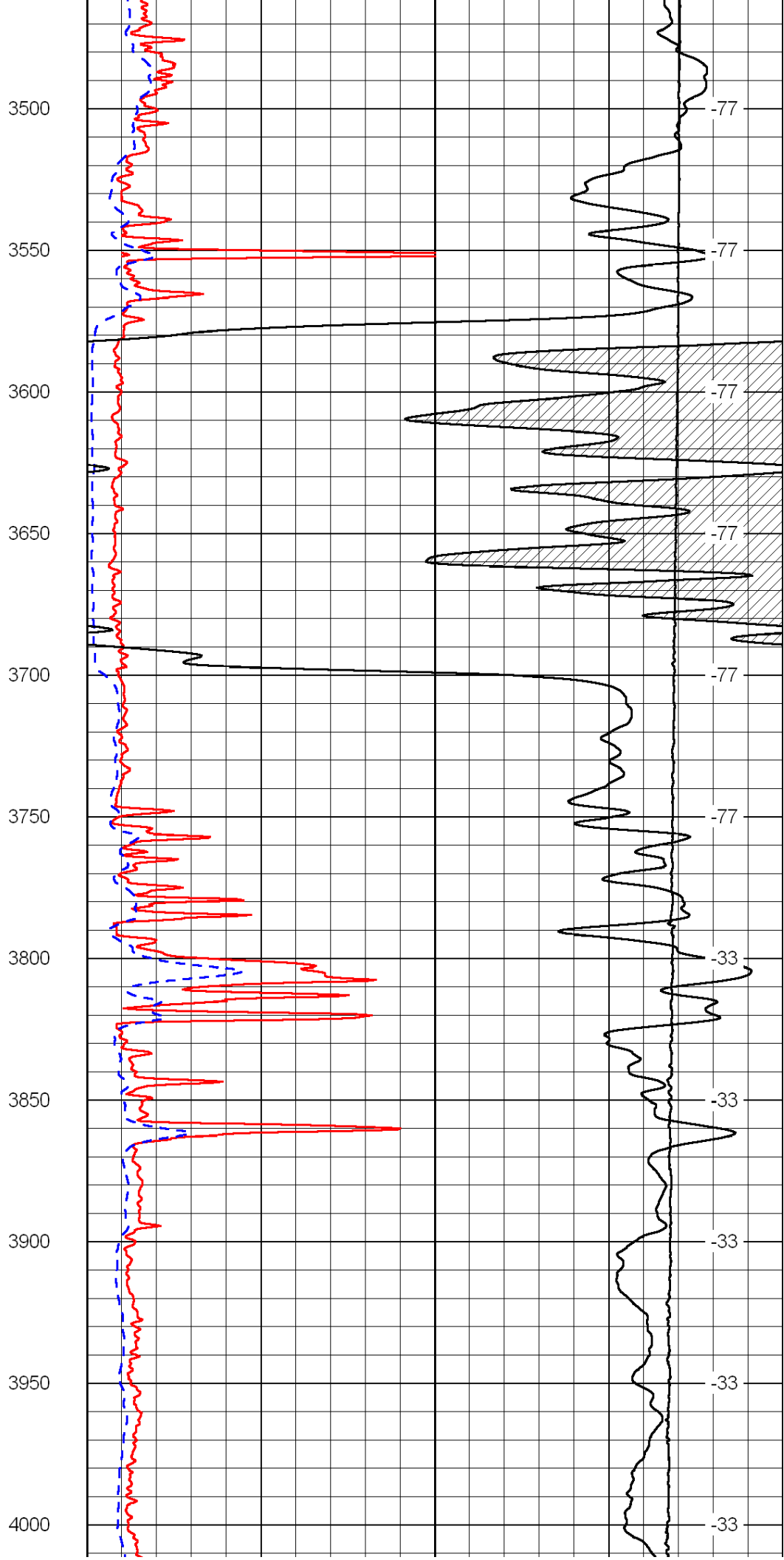
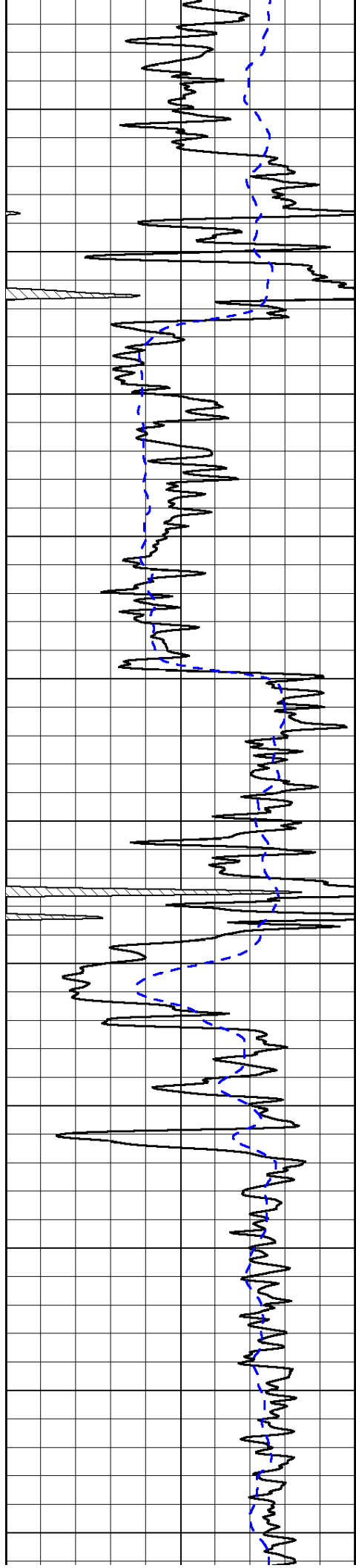


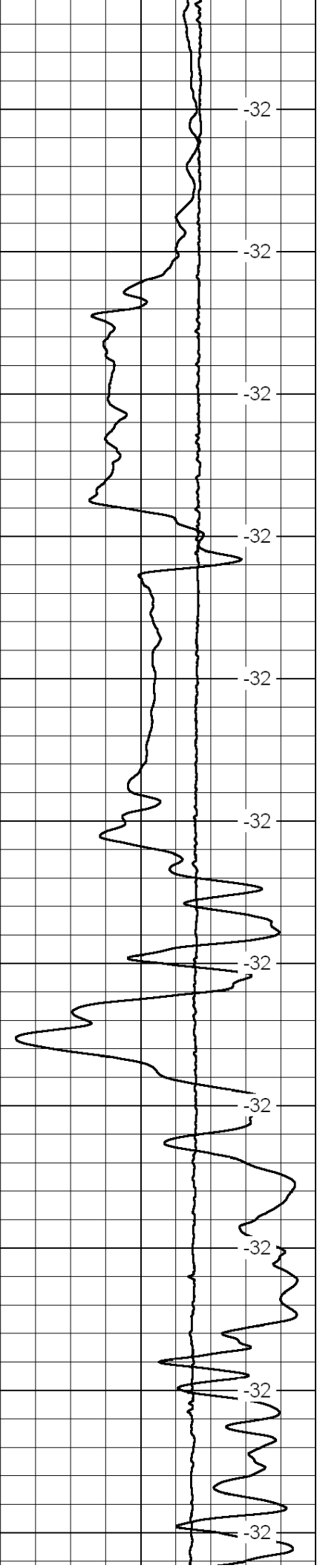
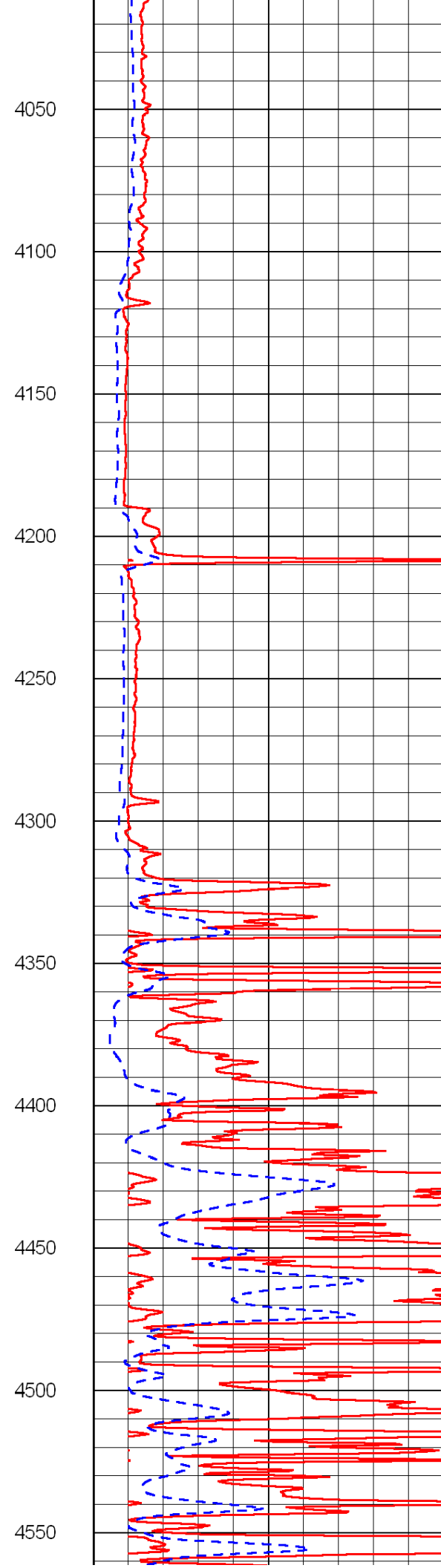
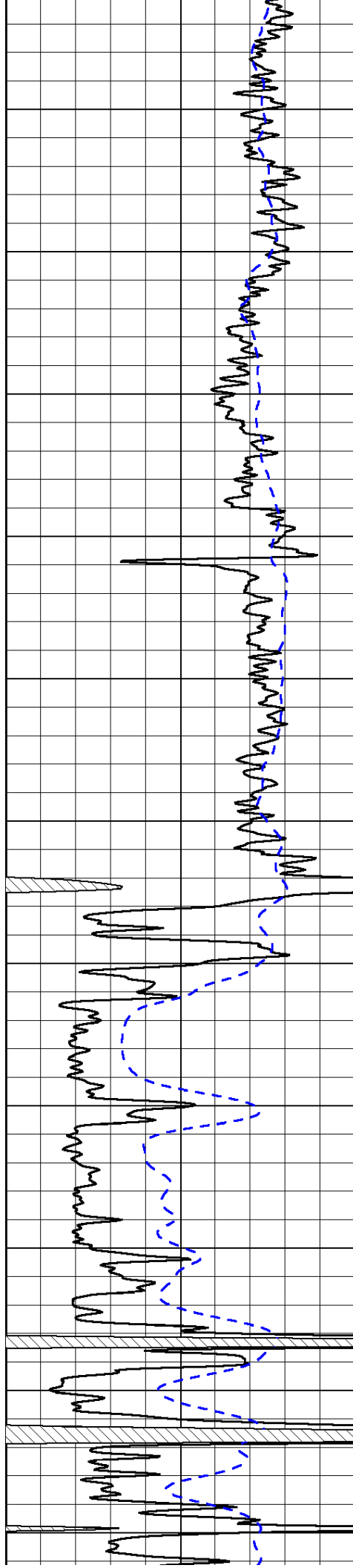


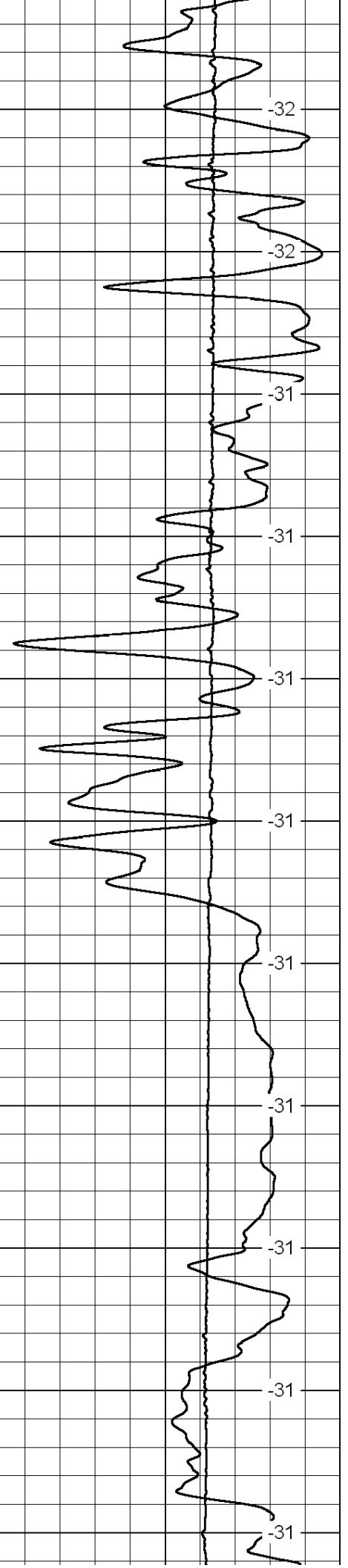
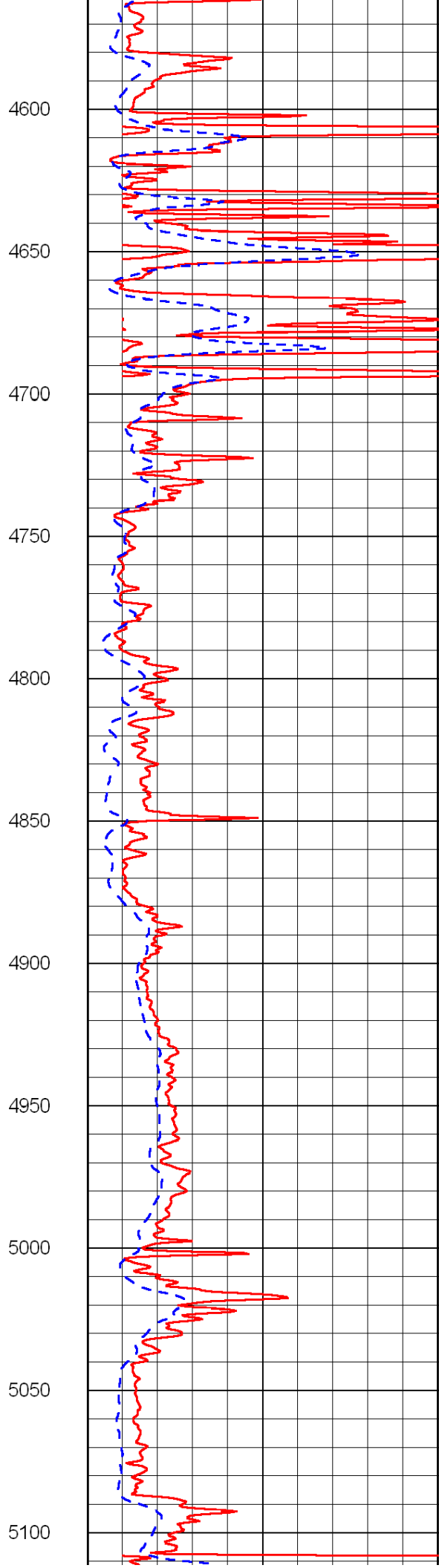
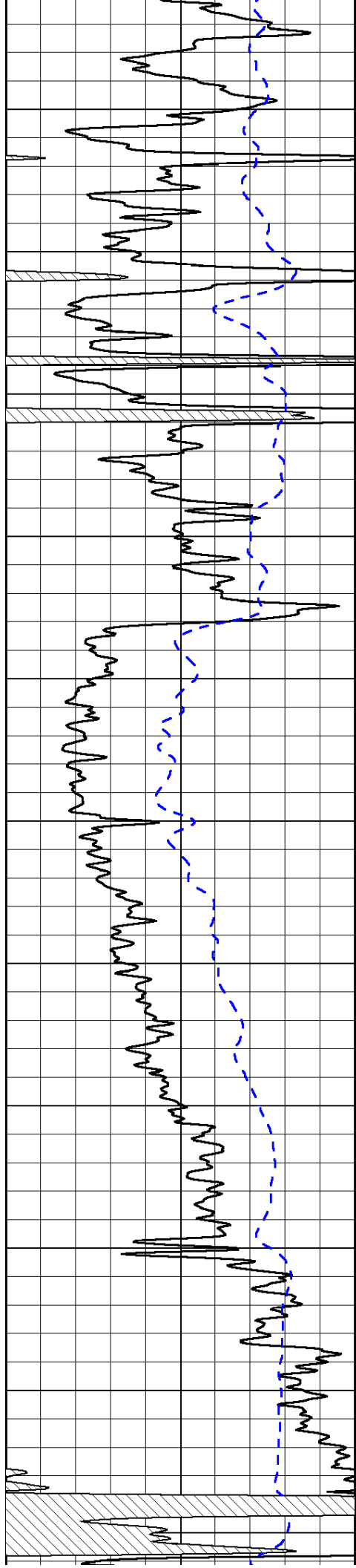


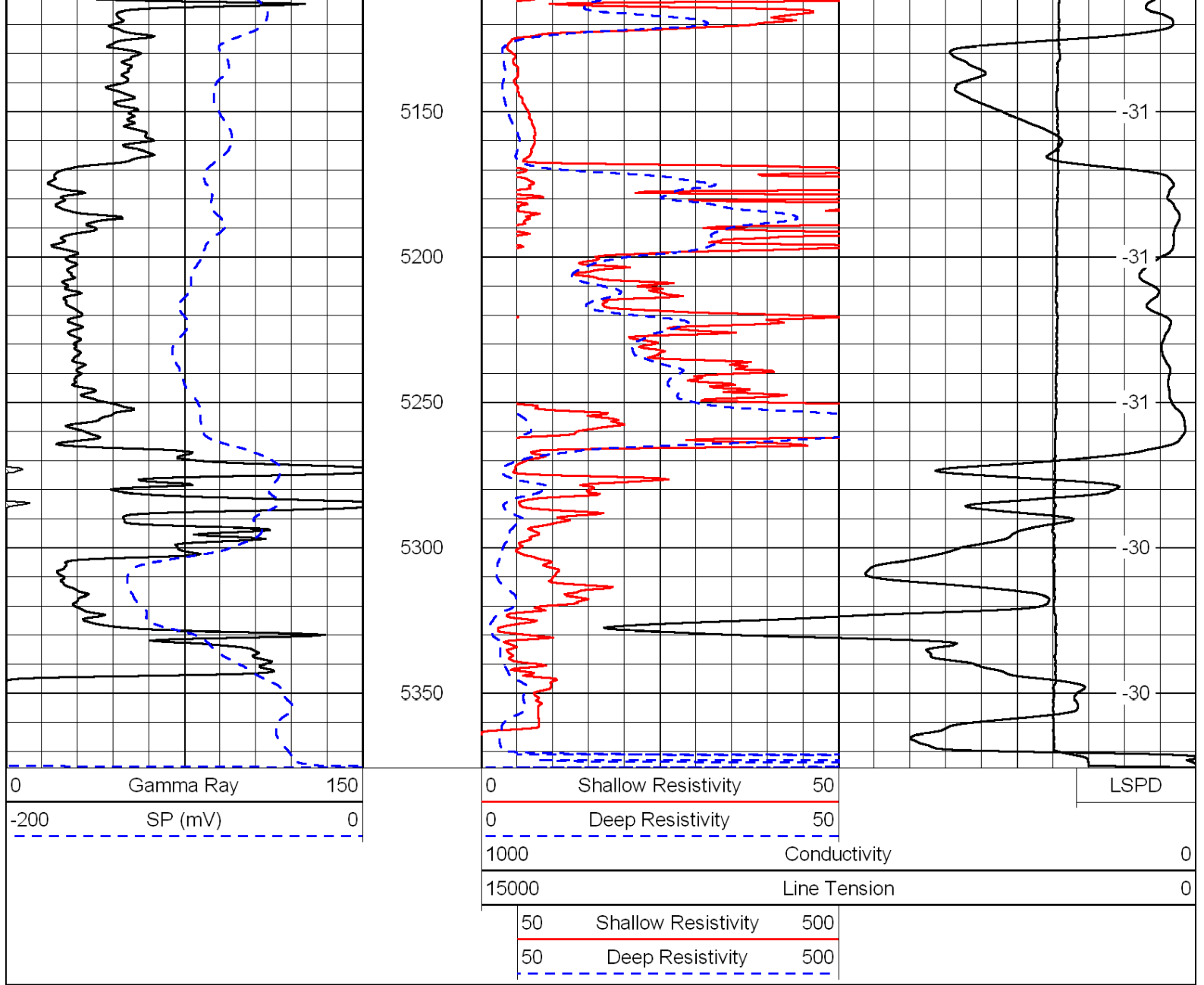




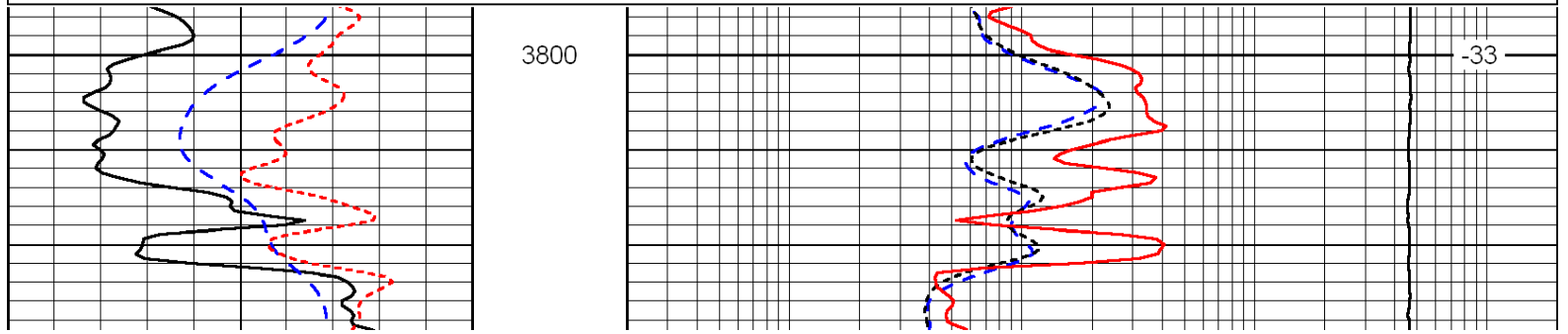
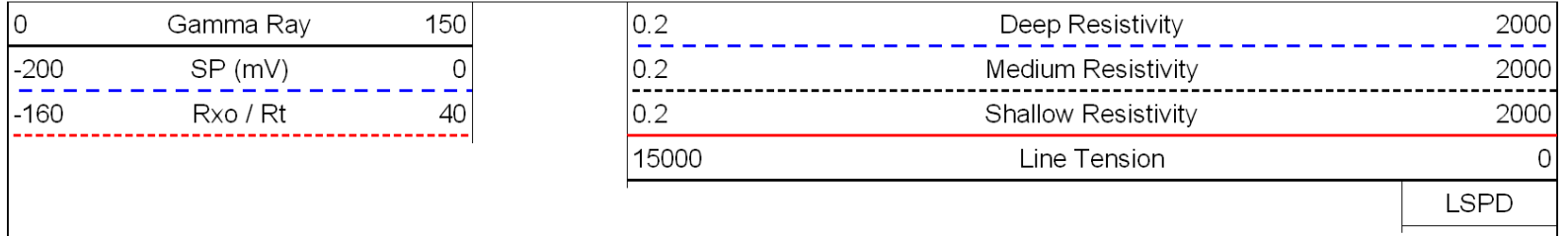


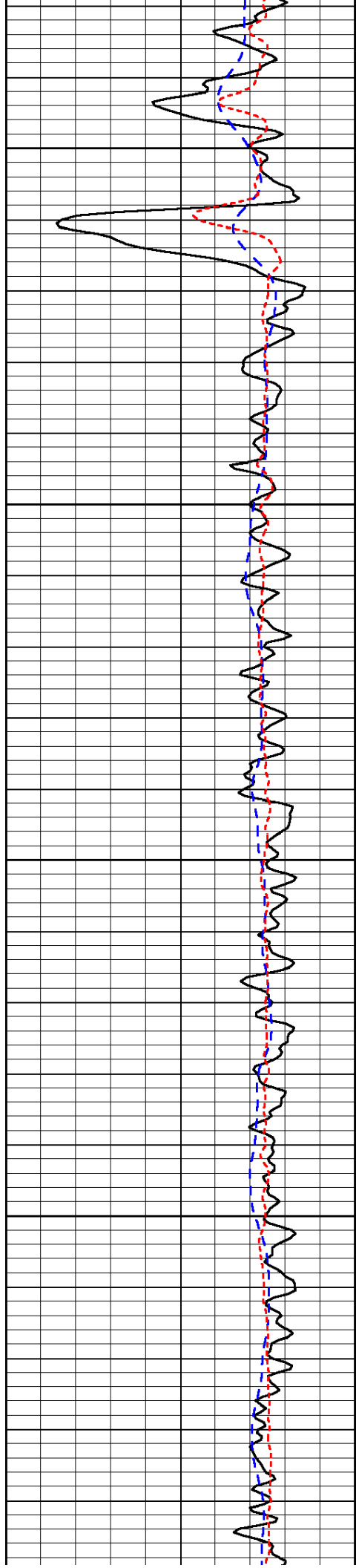






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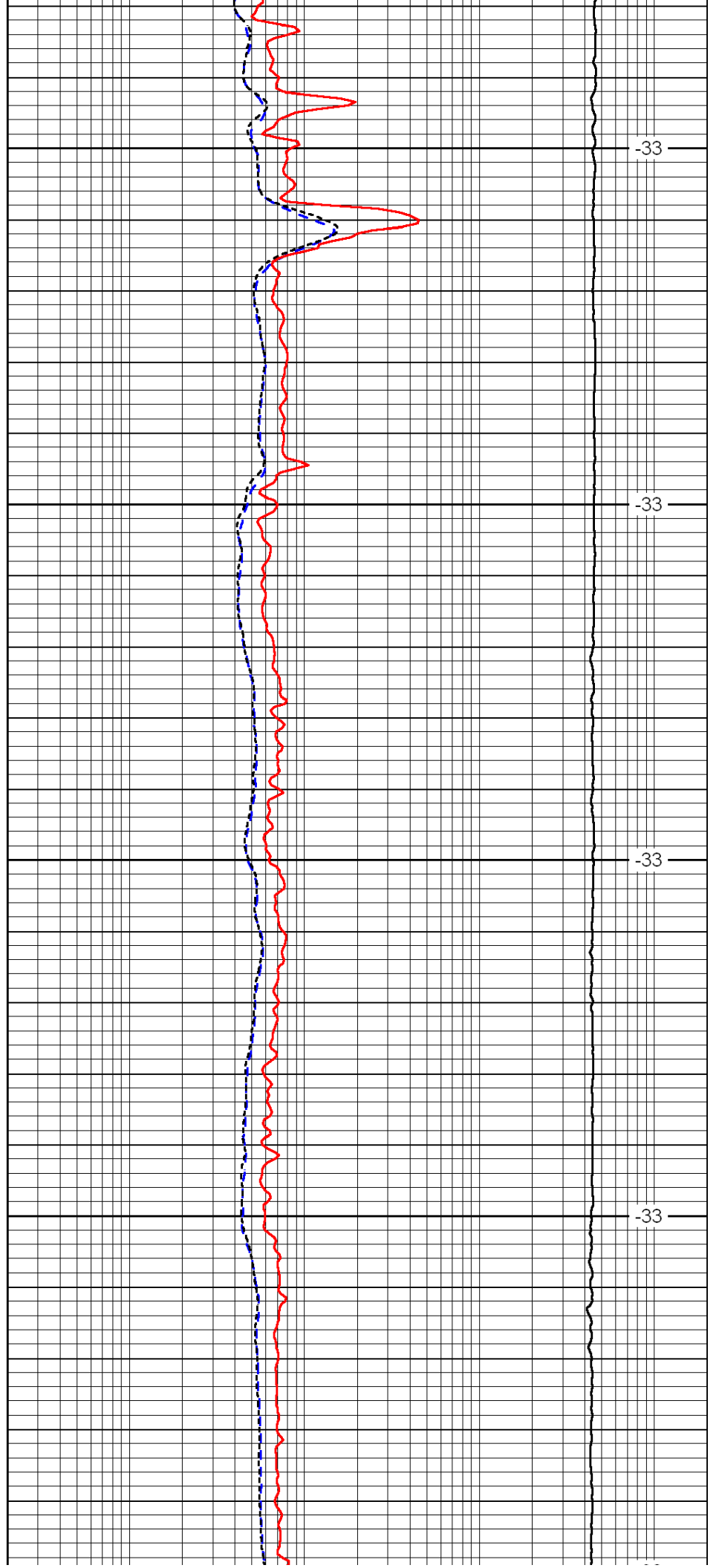


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3900

3950

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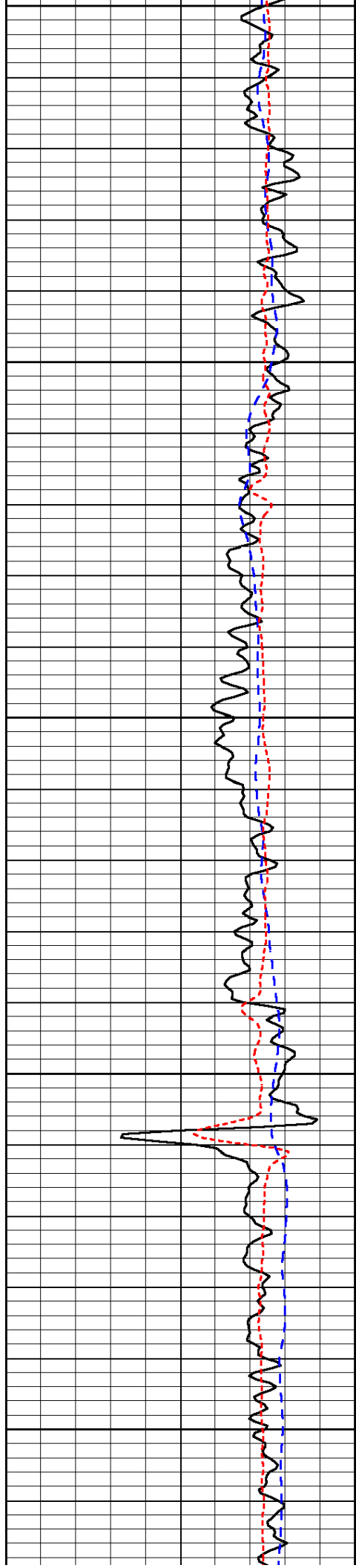


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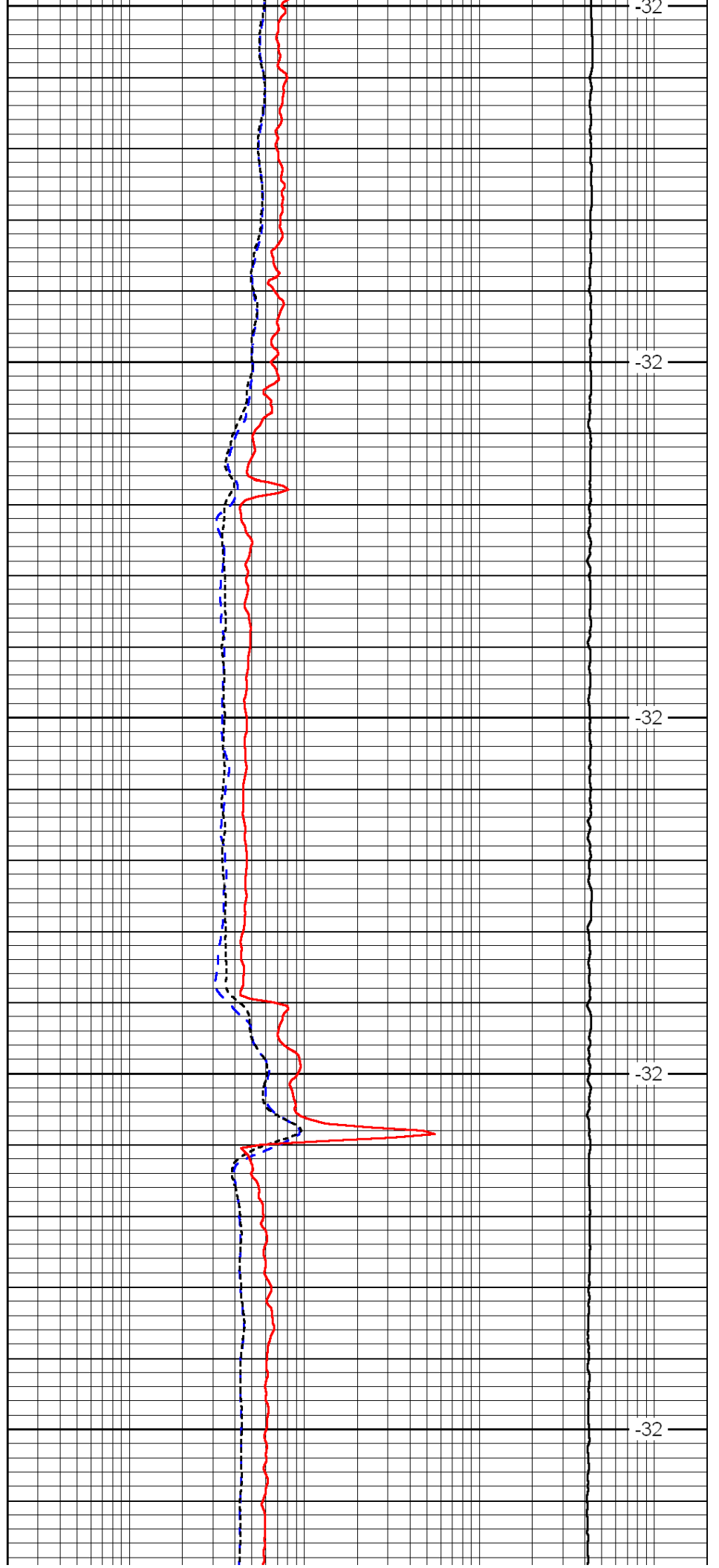
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4200

4250



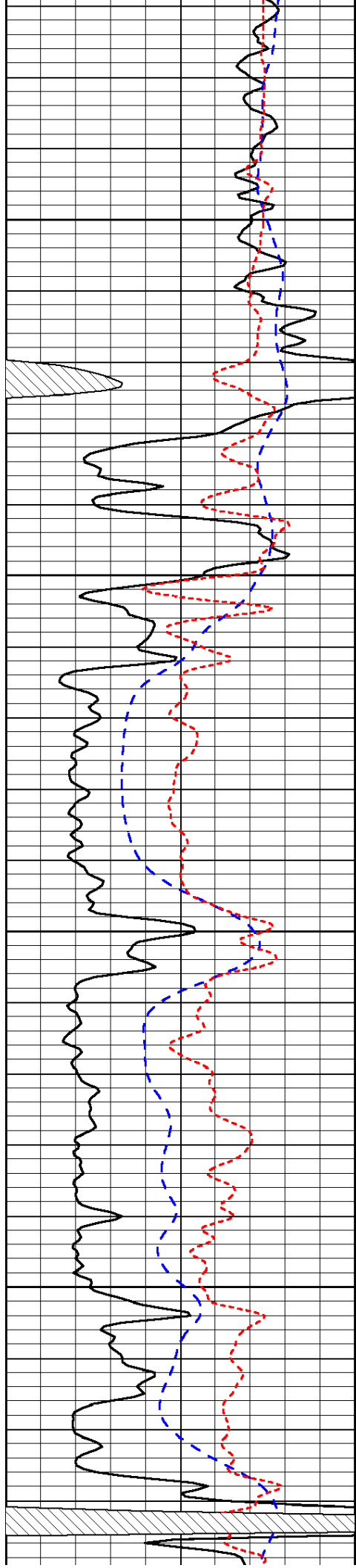
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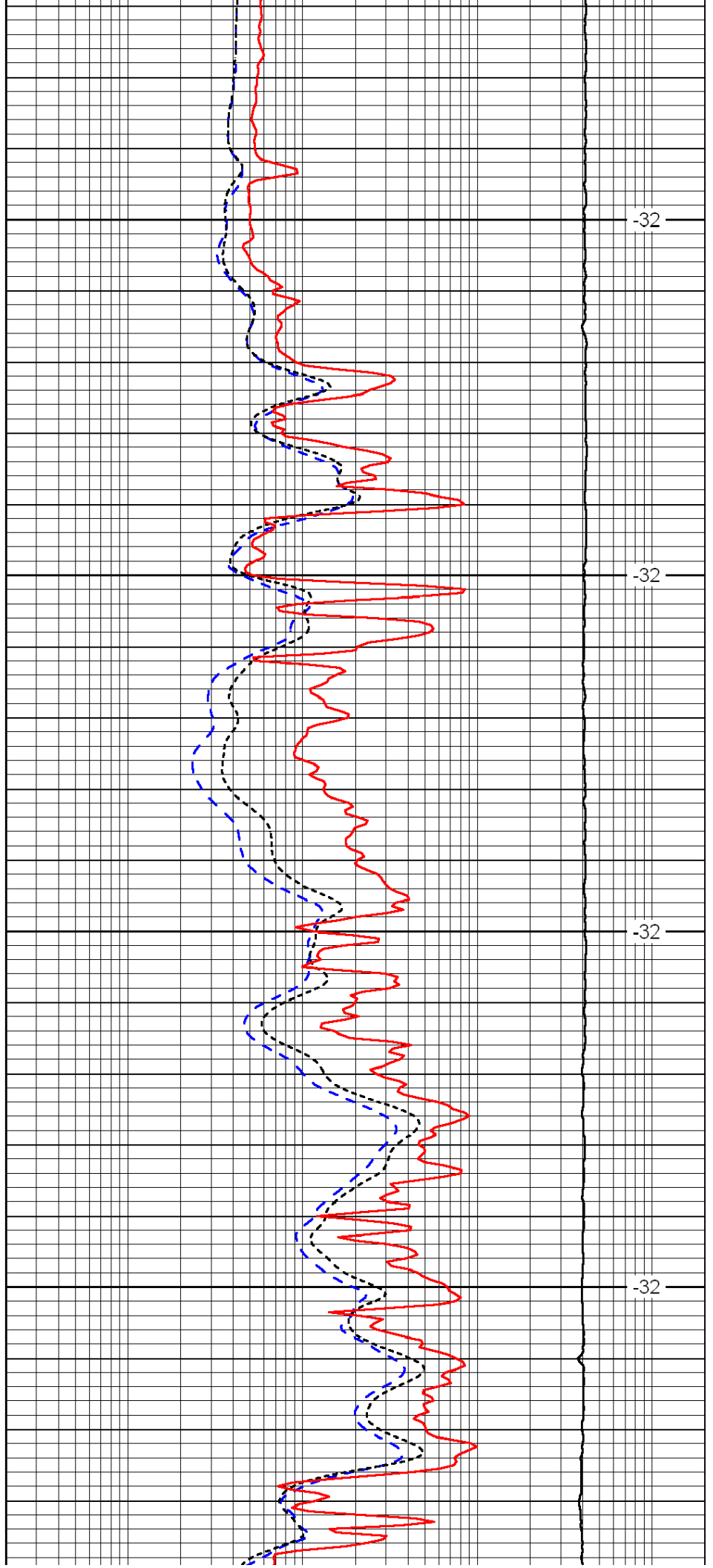


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4400

4450

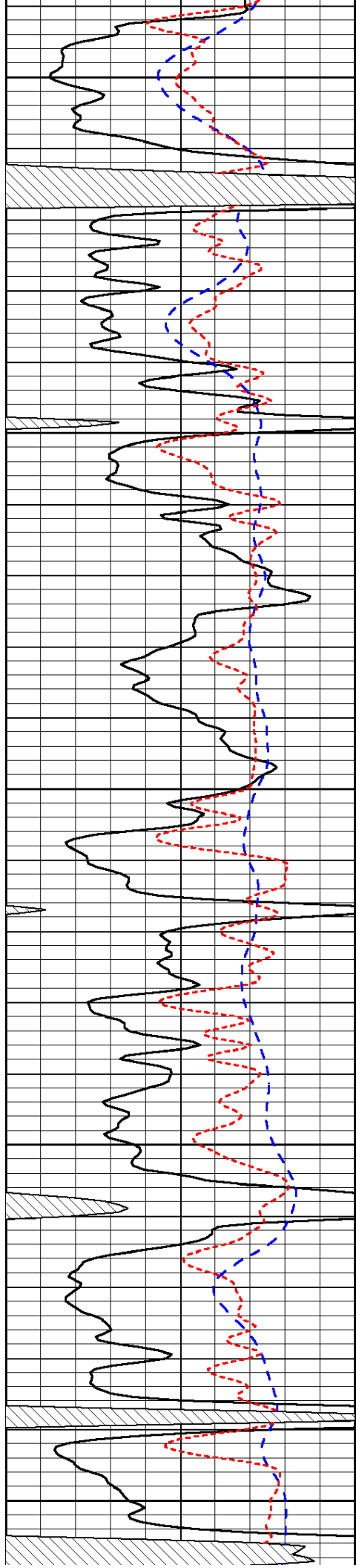


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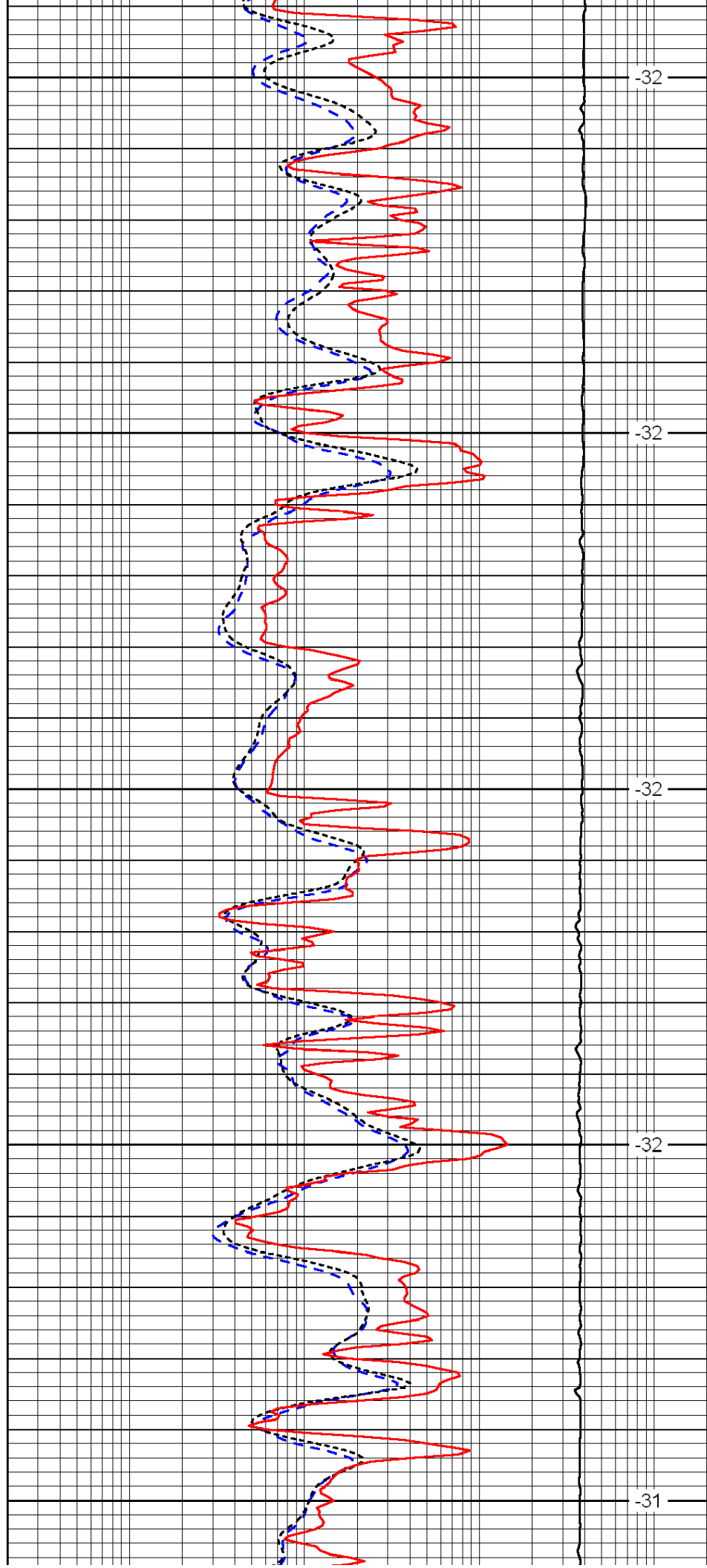
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4600

4650

4700



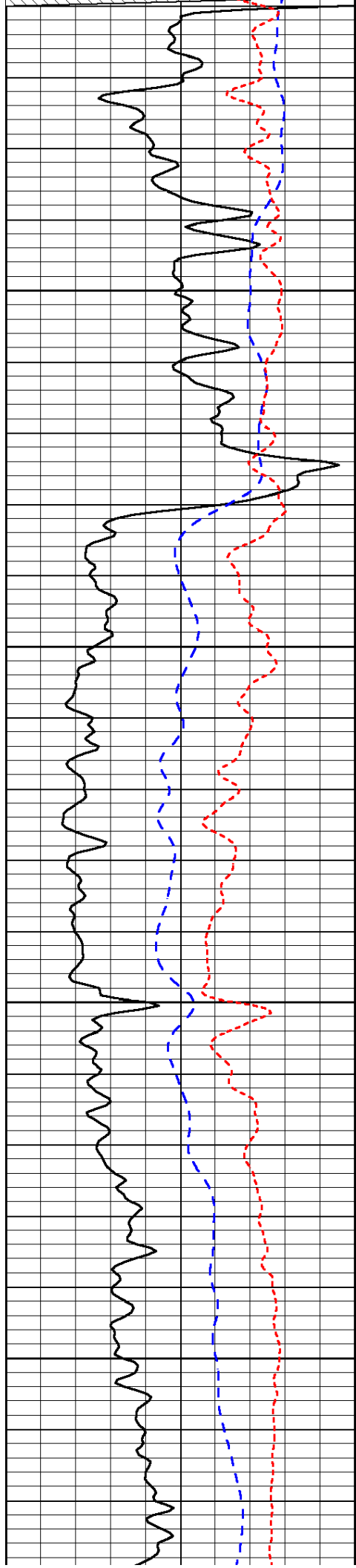
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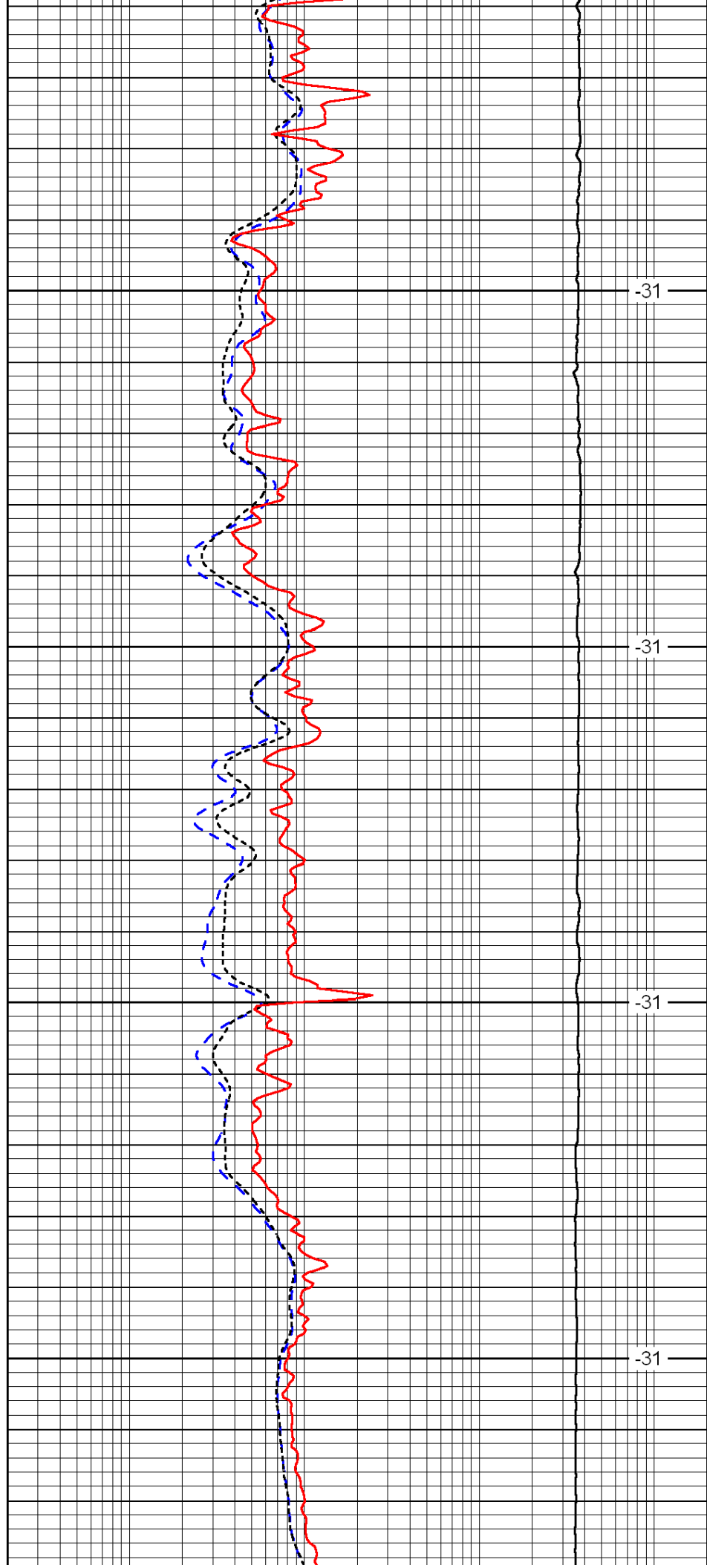


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4800

4850

4900

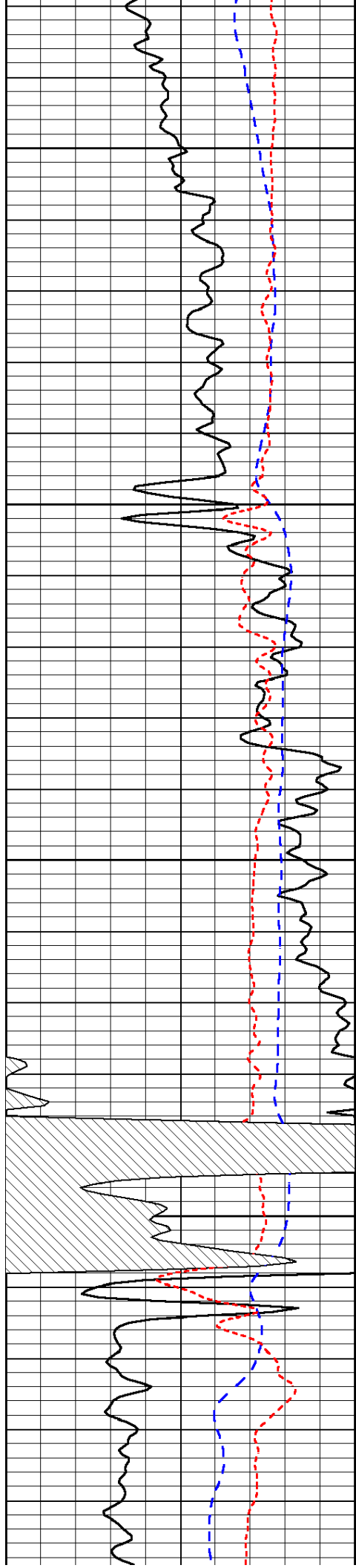


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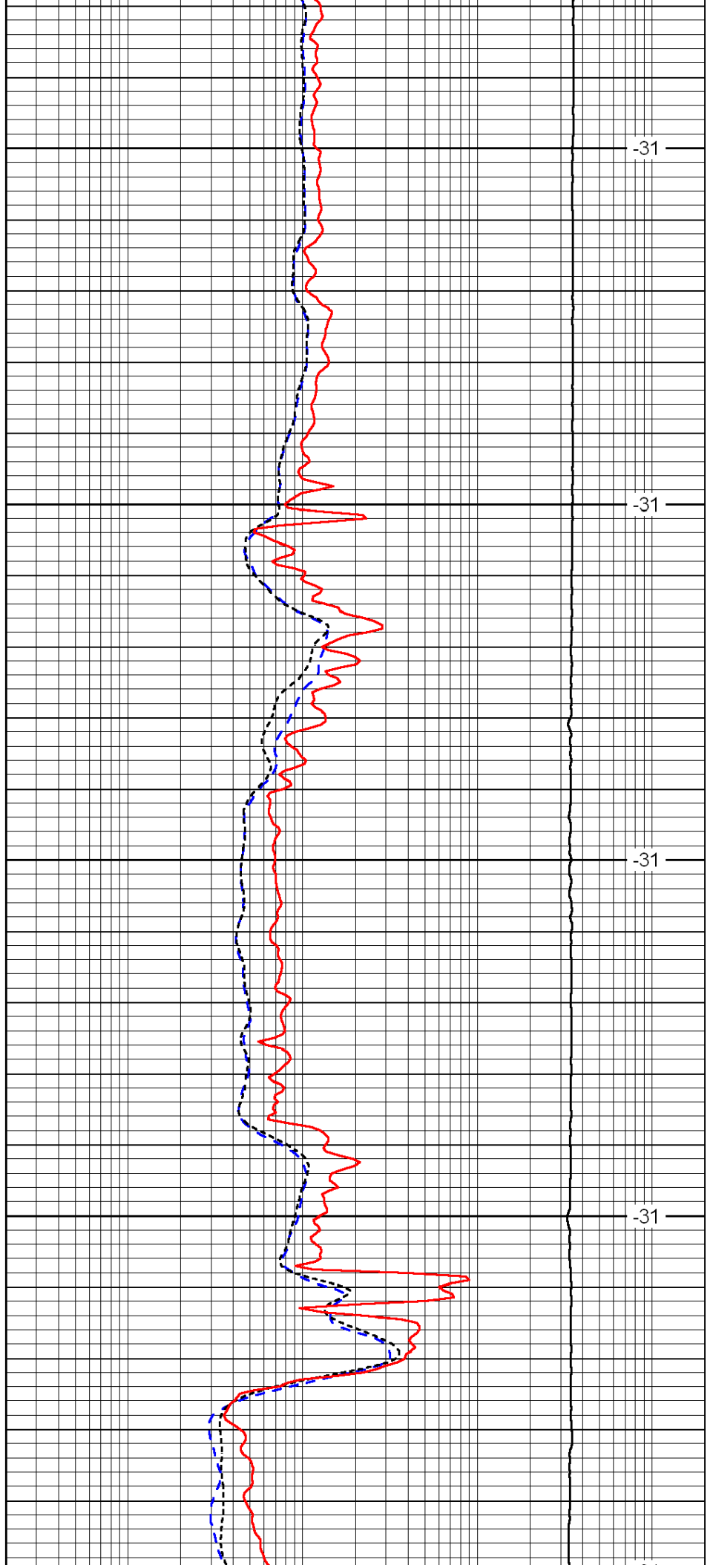


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5000

5050

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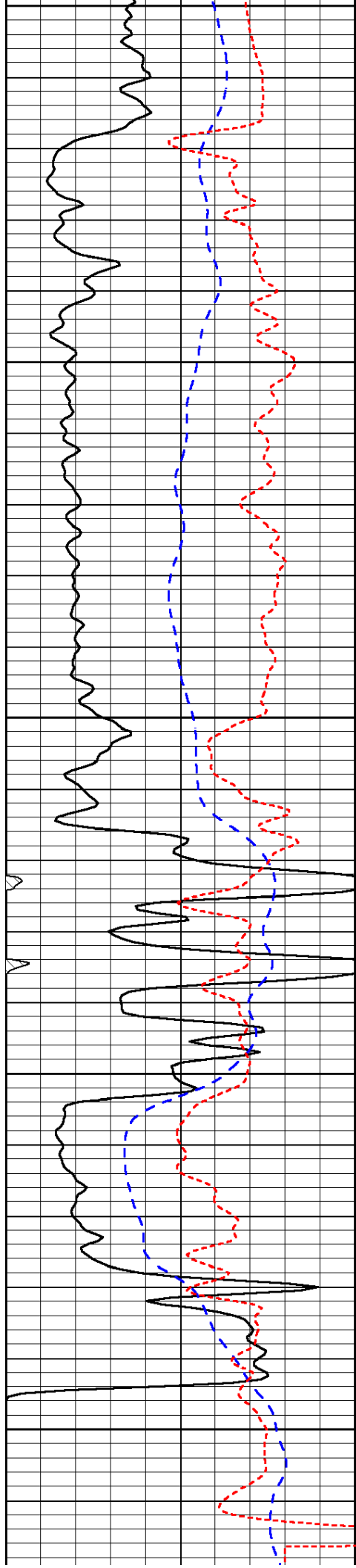


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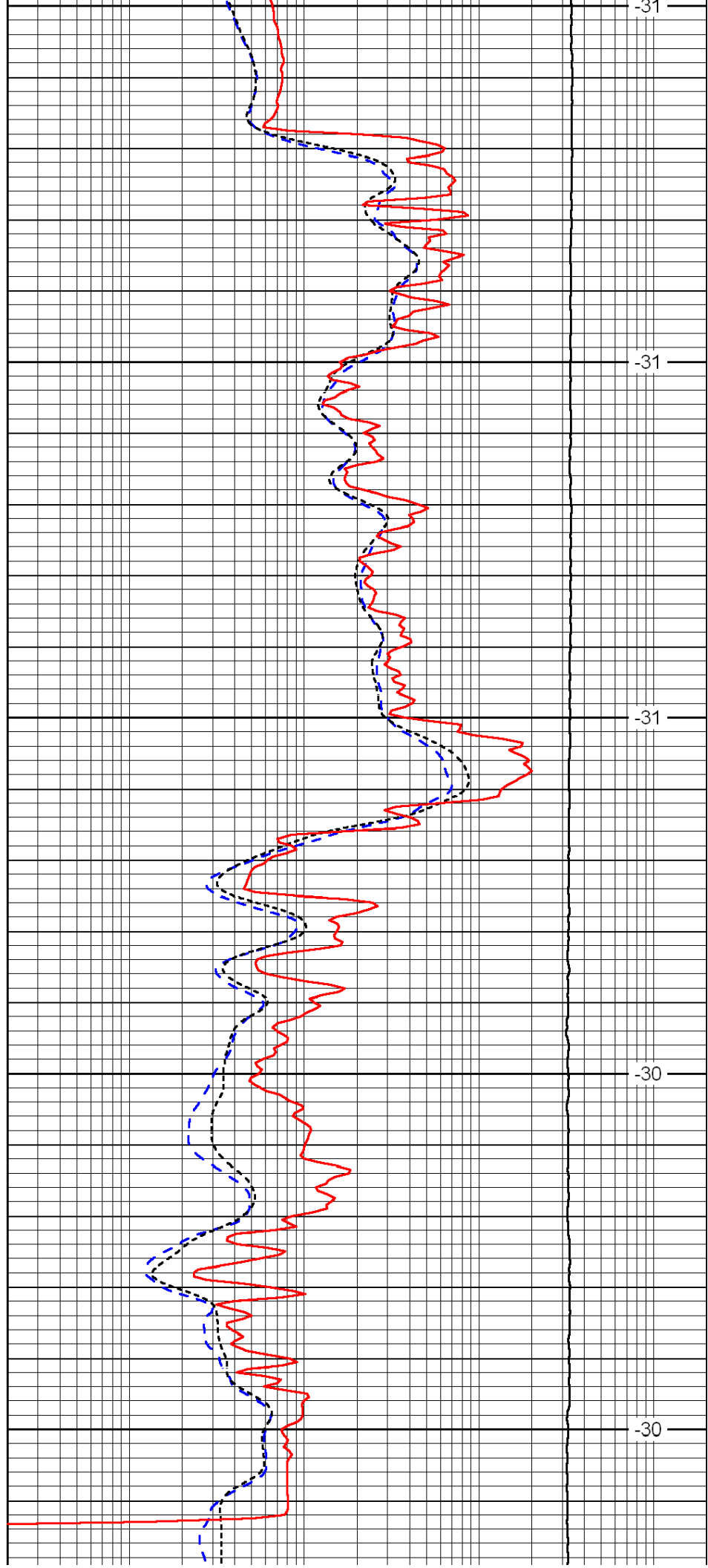
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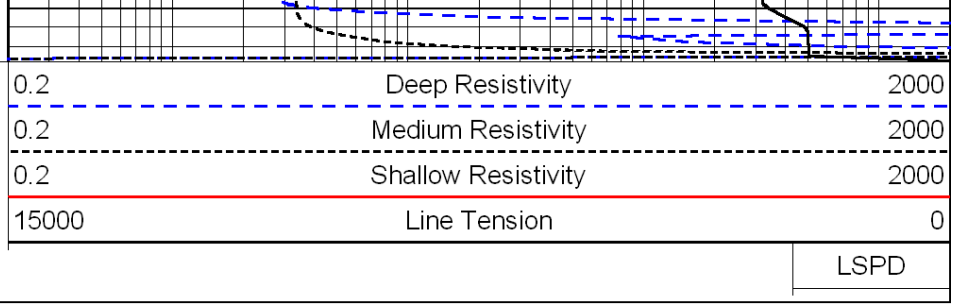
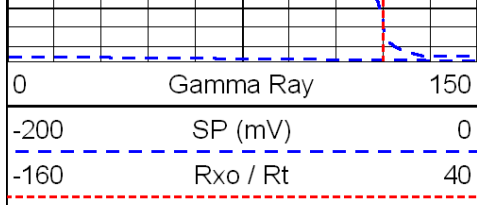
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Dual Compensated Porosity Log

DIGITAL LOG (785) 625-3858

API No.	15-007-23,640-00-00		
Company	Indian Oil Company, Inc.		
Well	Boonedocker No.1		
Field	Stranathan Pool		
County	Barber	State Kansas	
Location	NW SW NW SE 1720' FSL & 2324' FEL		
Sec: 6	Twp: 35S	Rge: 11W	
Permanent Datum	Ground Level	Elevation	1365
Log Measured From	Kelly Bushing	11 Ft. Above Perm. Datum	
Drilling Measured From	Kelly Bushing		
Date	2/1/2011	Other Services	DIL
Run Number	One	Elevation	K.B. 1376
Type Log	CNL / CDL		D.F. 1365
Depth Driller	5375		
Depth Logger	5370		
Bottom Logged Interval	5349		
Top Logged Interval	3800		
Type Fluid In Hole	Chemical		
Salinity, PPM CL	4,000		
Density	8.9		
Level	Full		
Max. Rec. Temp. F	132		
Operating Rig Time	2 1/2 Hours		
Equipment -- Location	17 Hays		
Recorded By	C. Desaire		
Witnessed By	Anthony Farrar	Scott Alberg	

Borehole Record				Casing Record			
Run No.	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	253	8.625	24#	00	253
2	7.875	253	5375				

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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.

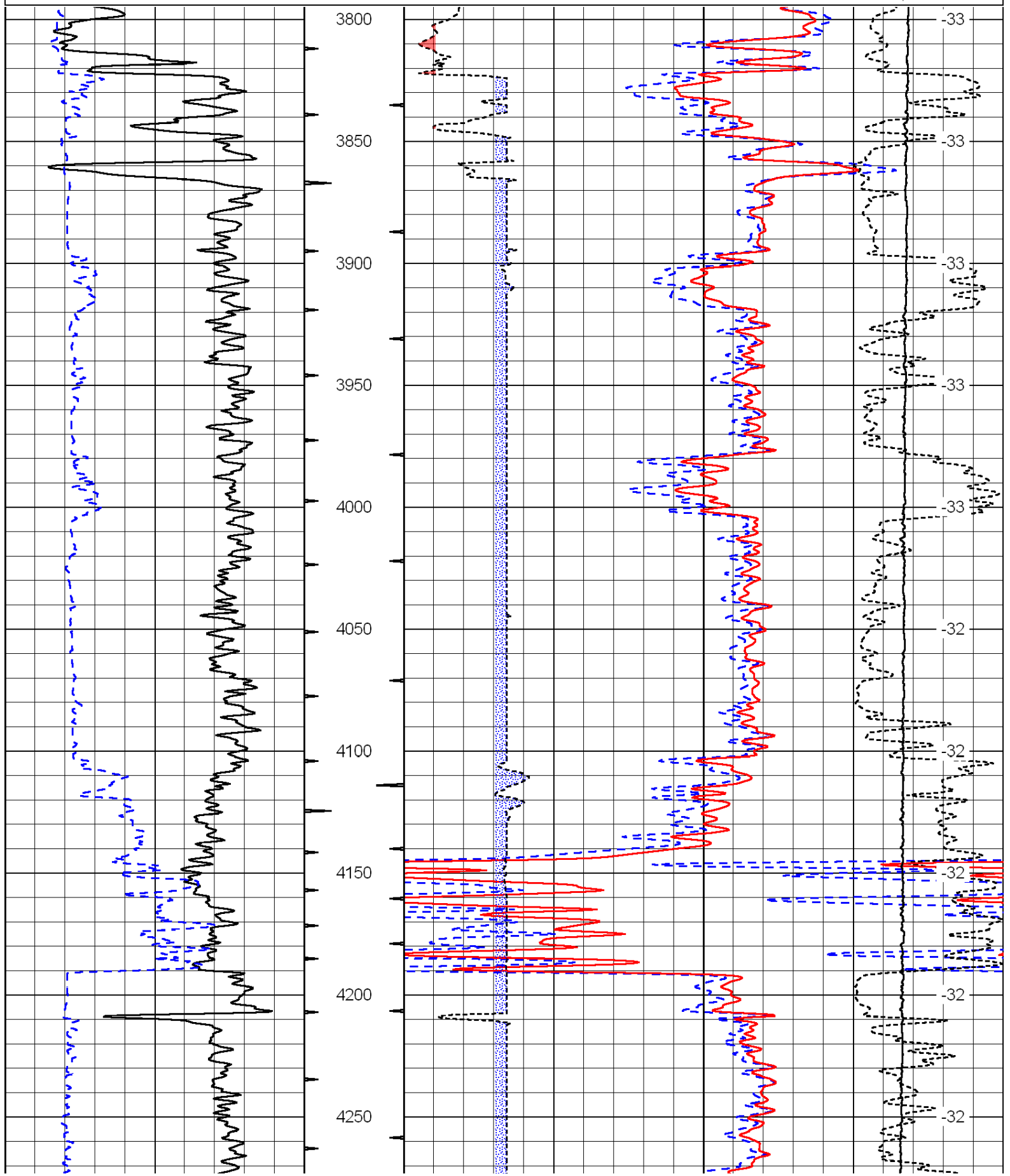
Comments

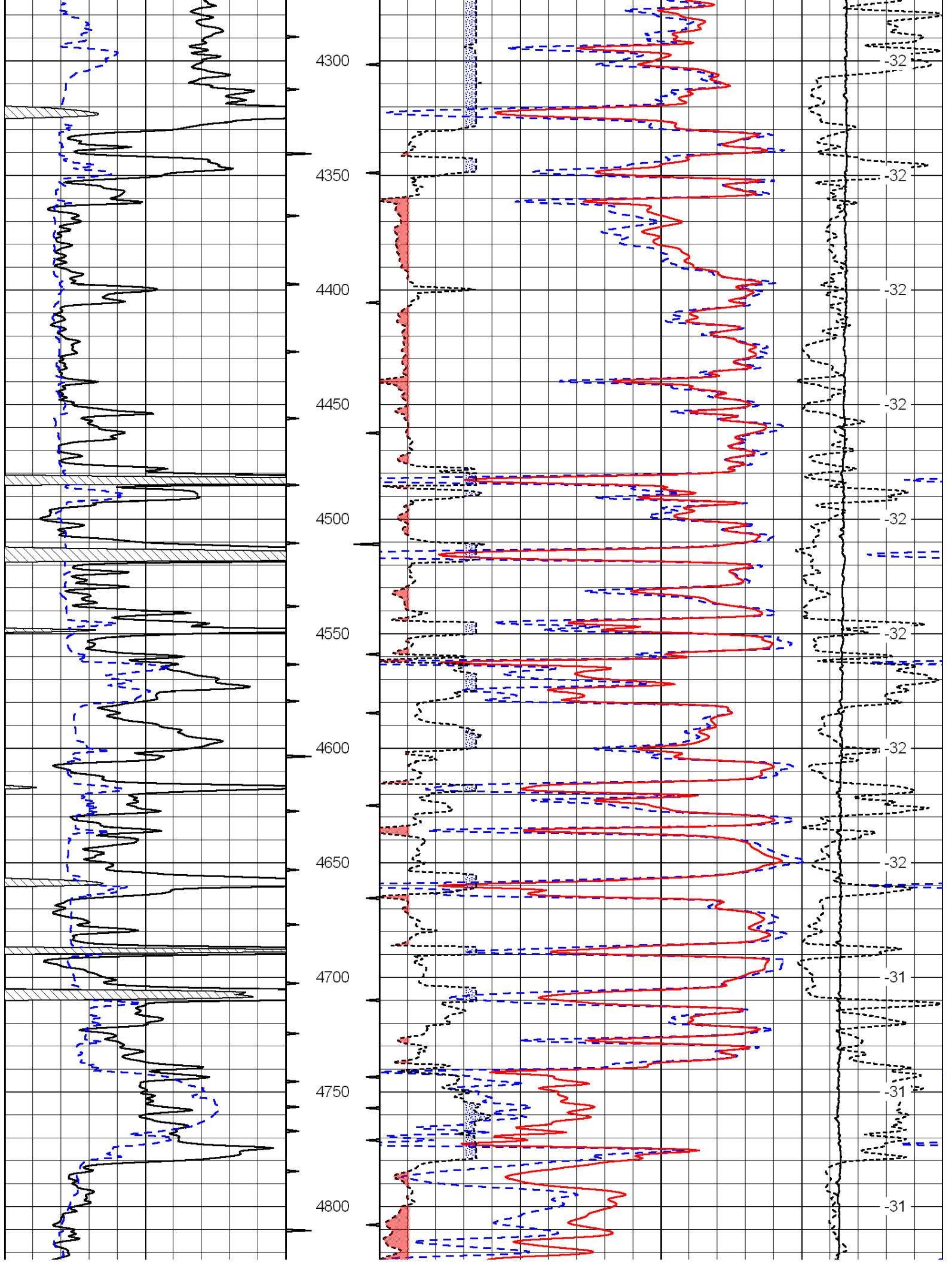
Thank you for using Log-Tech, Inc.
 (785) 625-3858

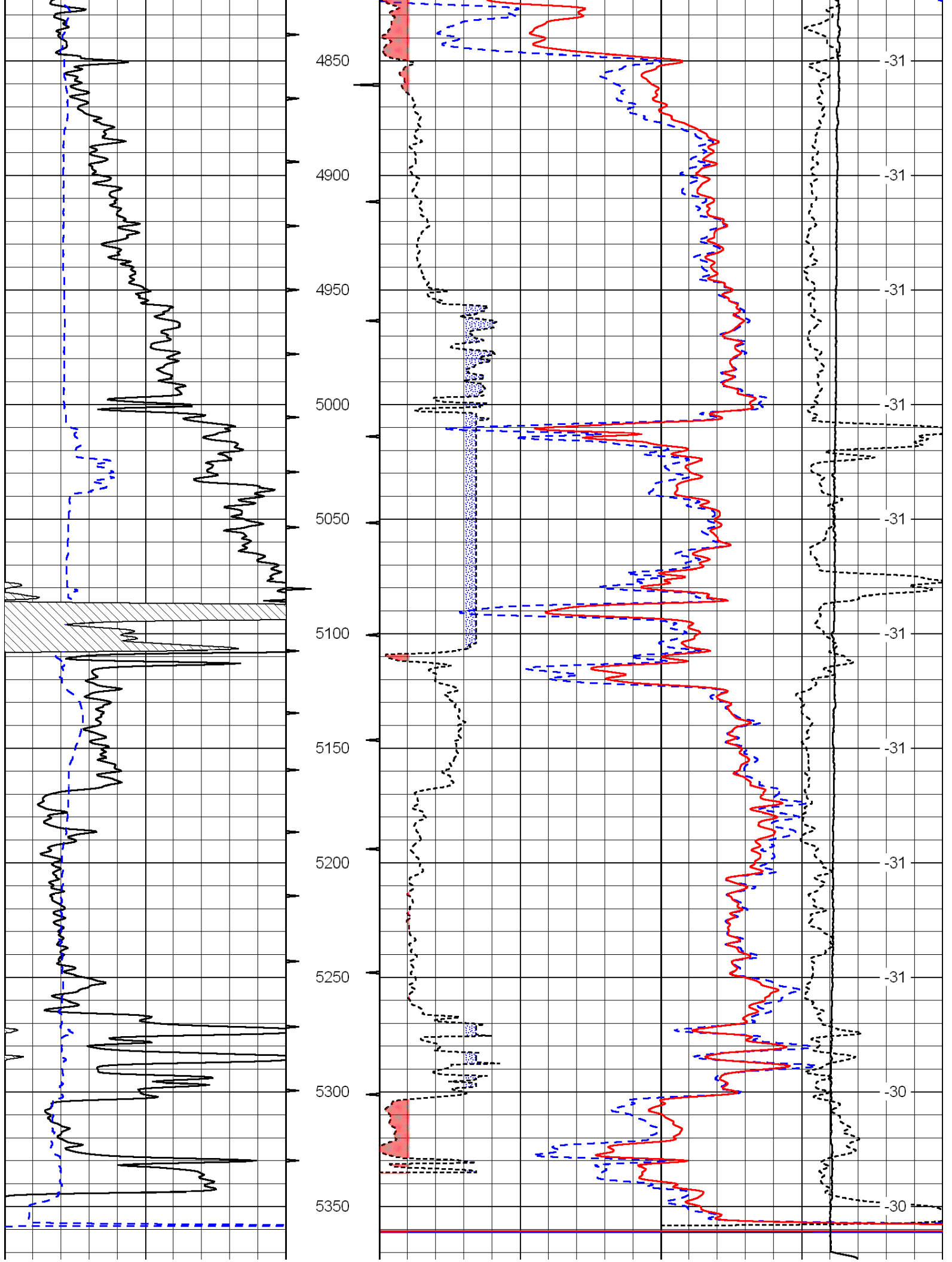
 Medicine Lodge,
 S to Hwy 2,
 1/2 E, N Into

0	Gamma Ray	150
6	Caliper (GAPI)	16

30	Compensated Density		-10
2	Bulk Density		3
15000	Line Tension		0
2.625	DGA	3.425	-0.25
			Correction
			LSPD







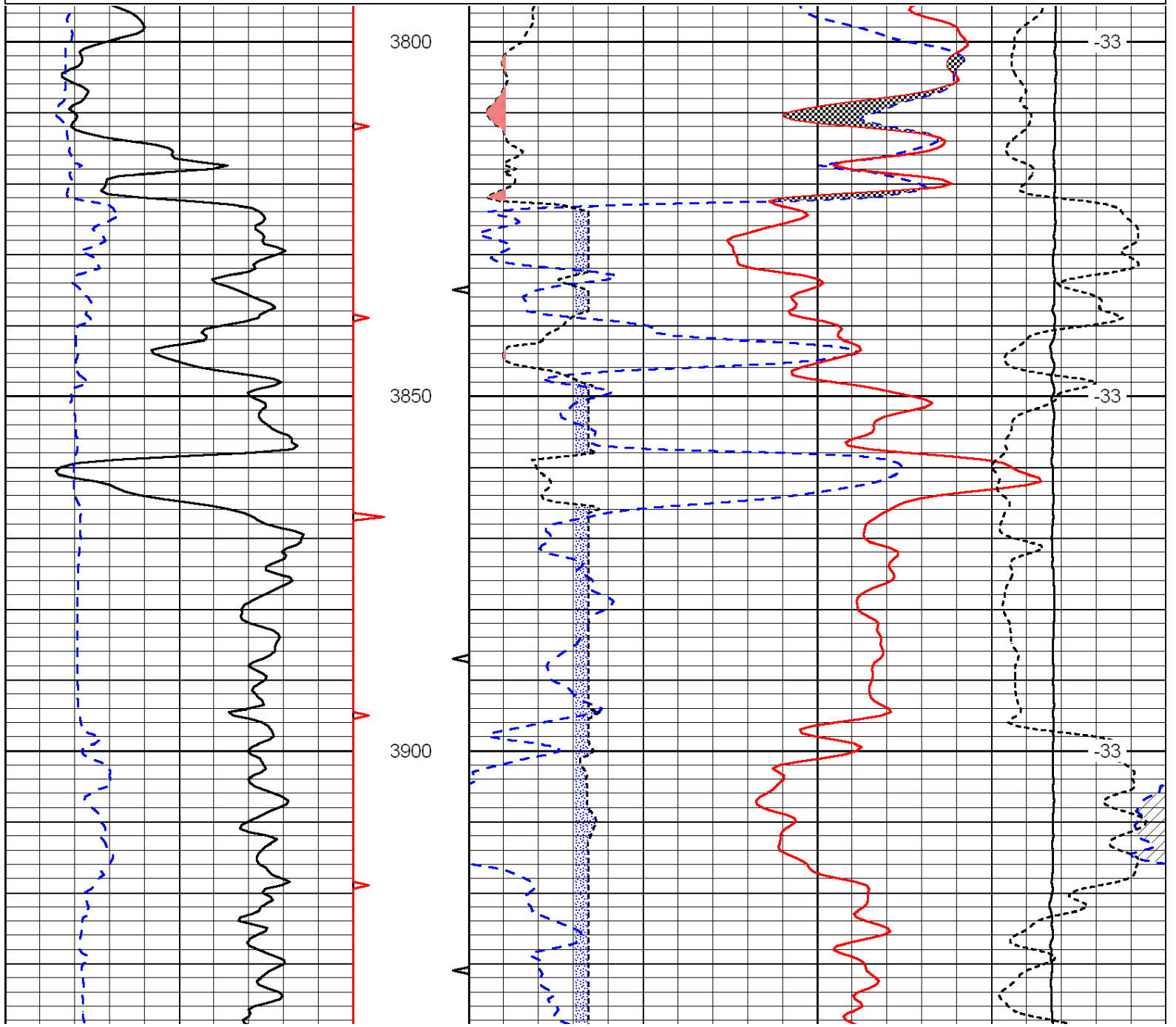
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6	Caliper (GAPI)	16

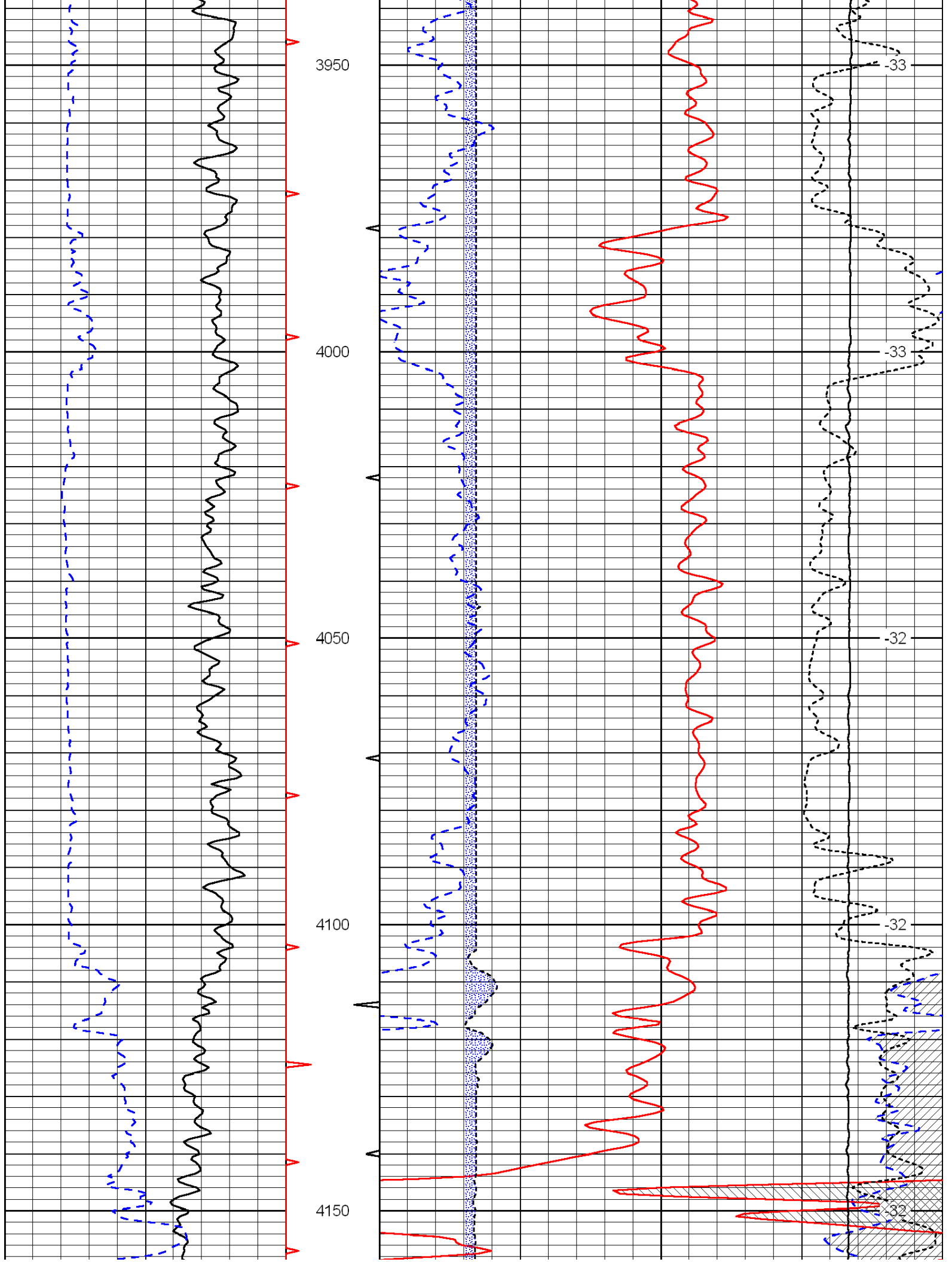
30	Compensated Density			-10
2	Bulk Density			3
15000	Line Tension			0
2.625	DGA	3.425	-0.25	Correction 0.25
				LSPD

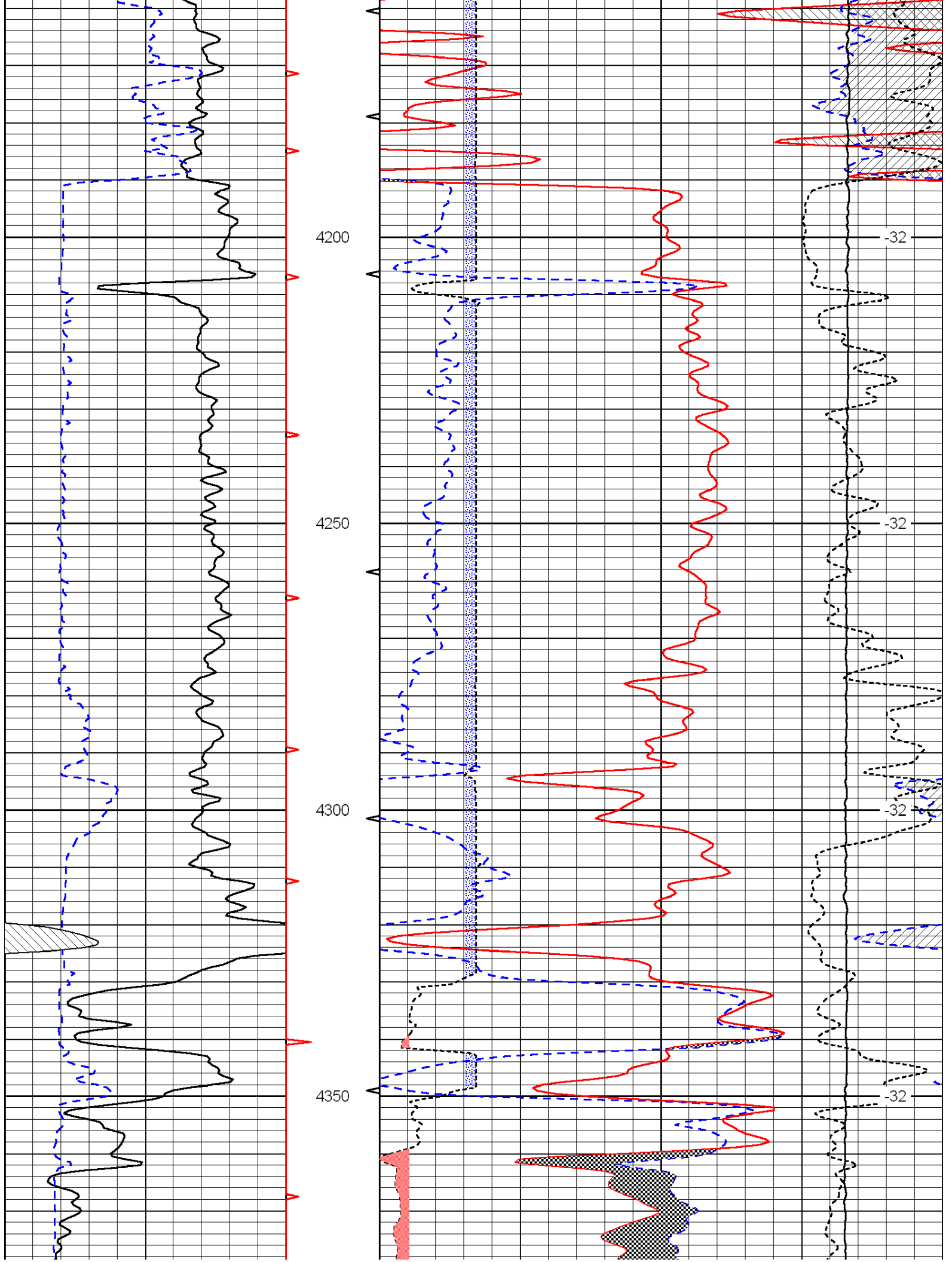
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 Charted by: Depth in Feet scaled 1:240

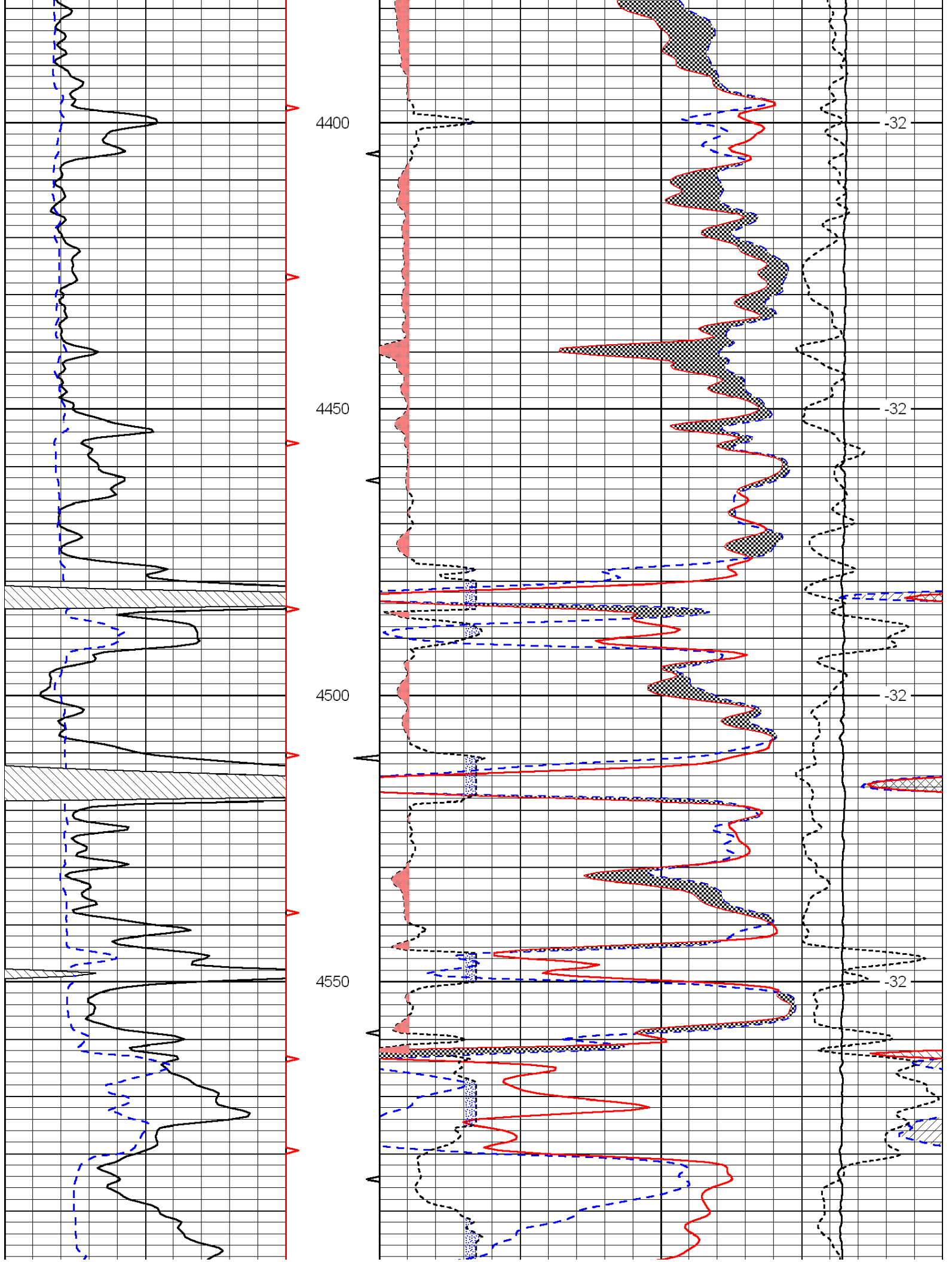
0	Gamma Ray	150
6	Caliper (GAPI)	16

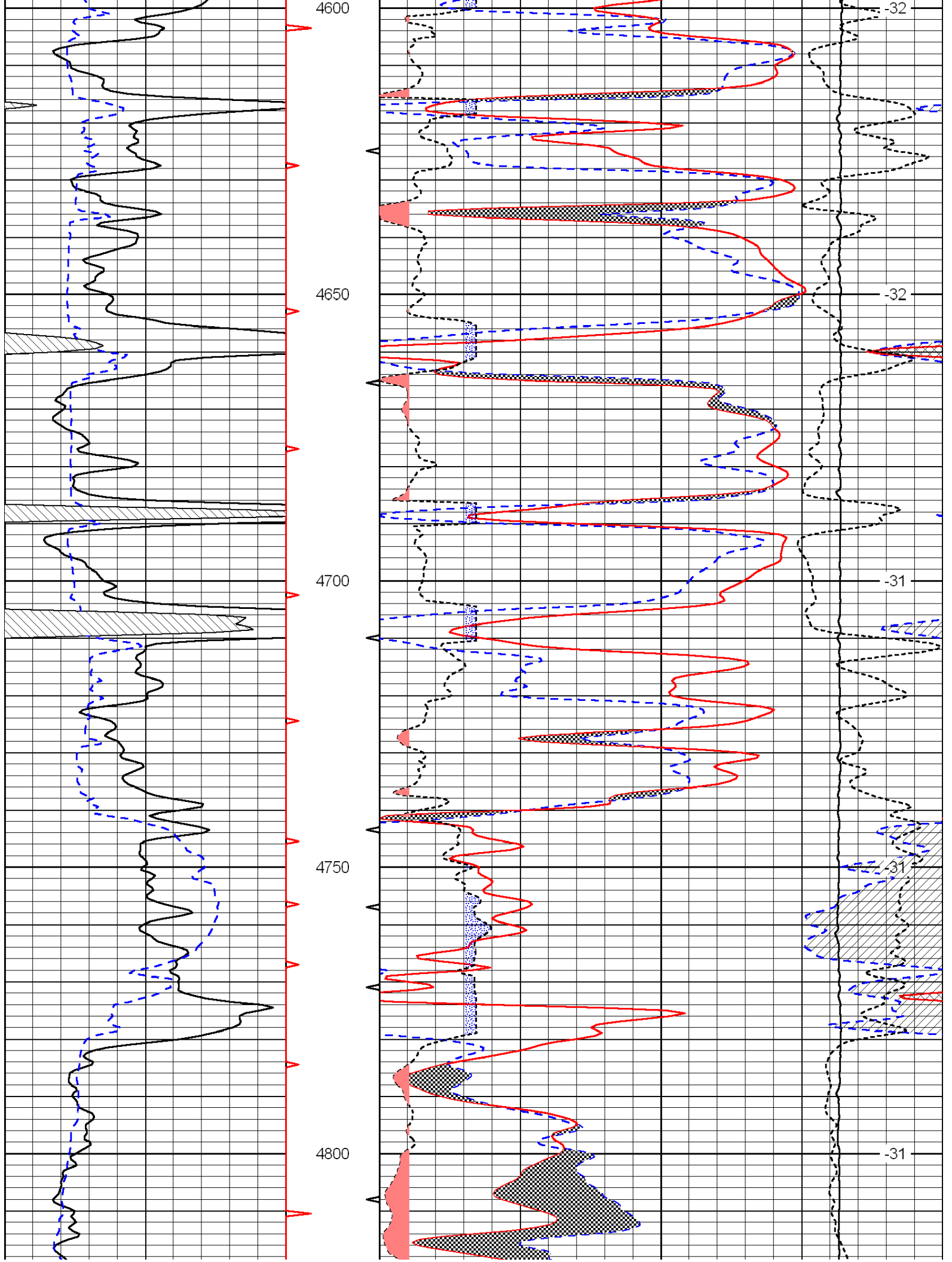
30	Compensated Neutron (Limestone)			-10
30	Compensated Density (2.71 ma)			-10
2.625	DGA	3.425	-0.25	Correction 0.25
15000	Line Tension			0
				LSPD

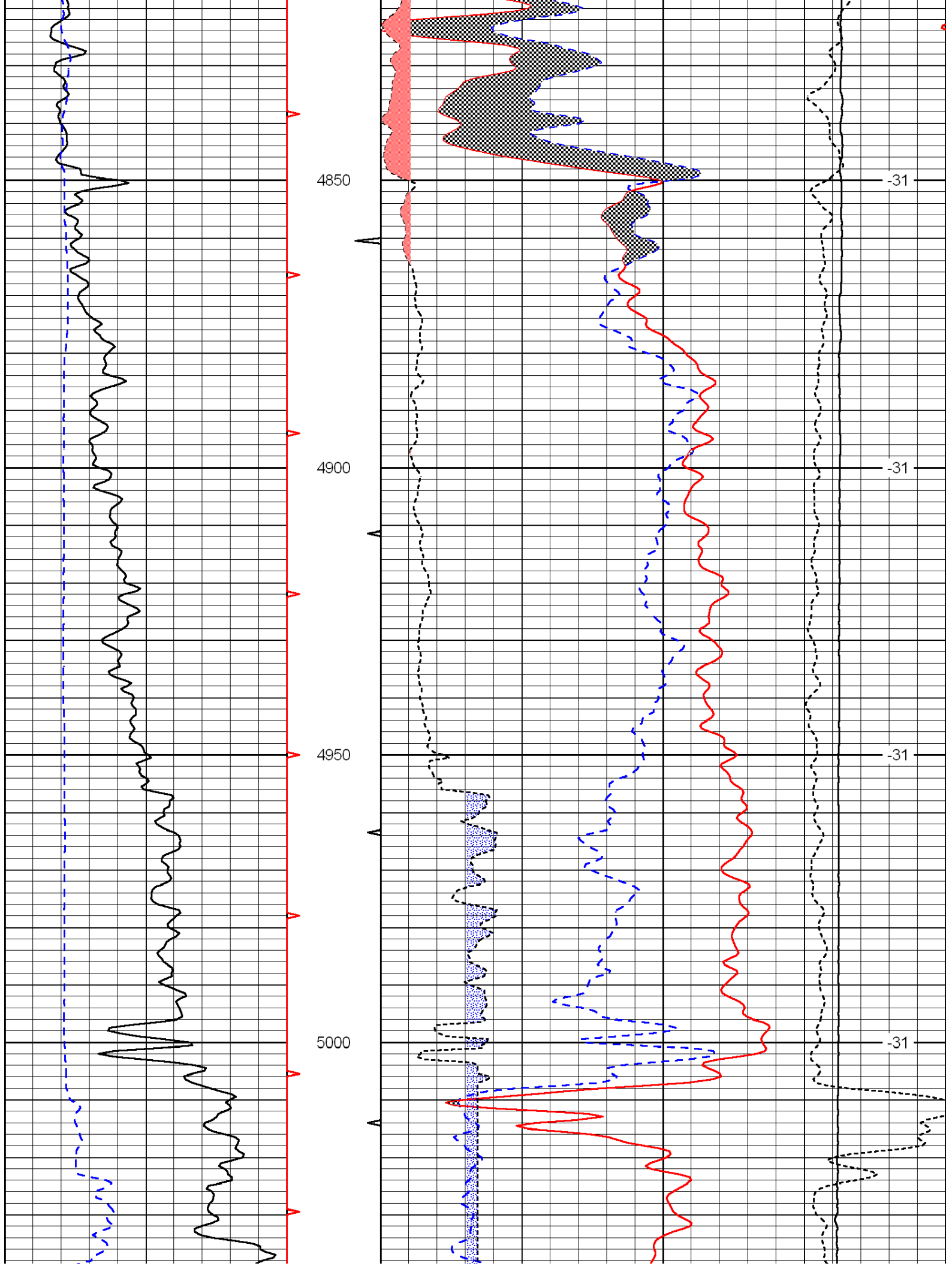


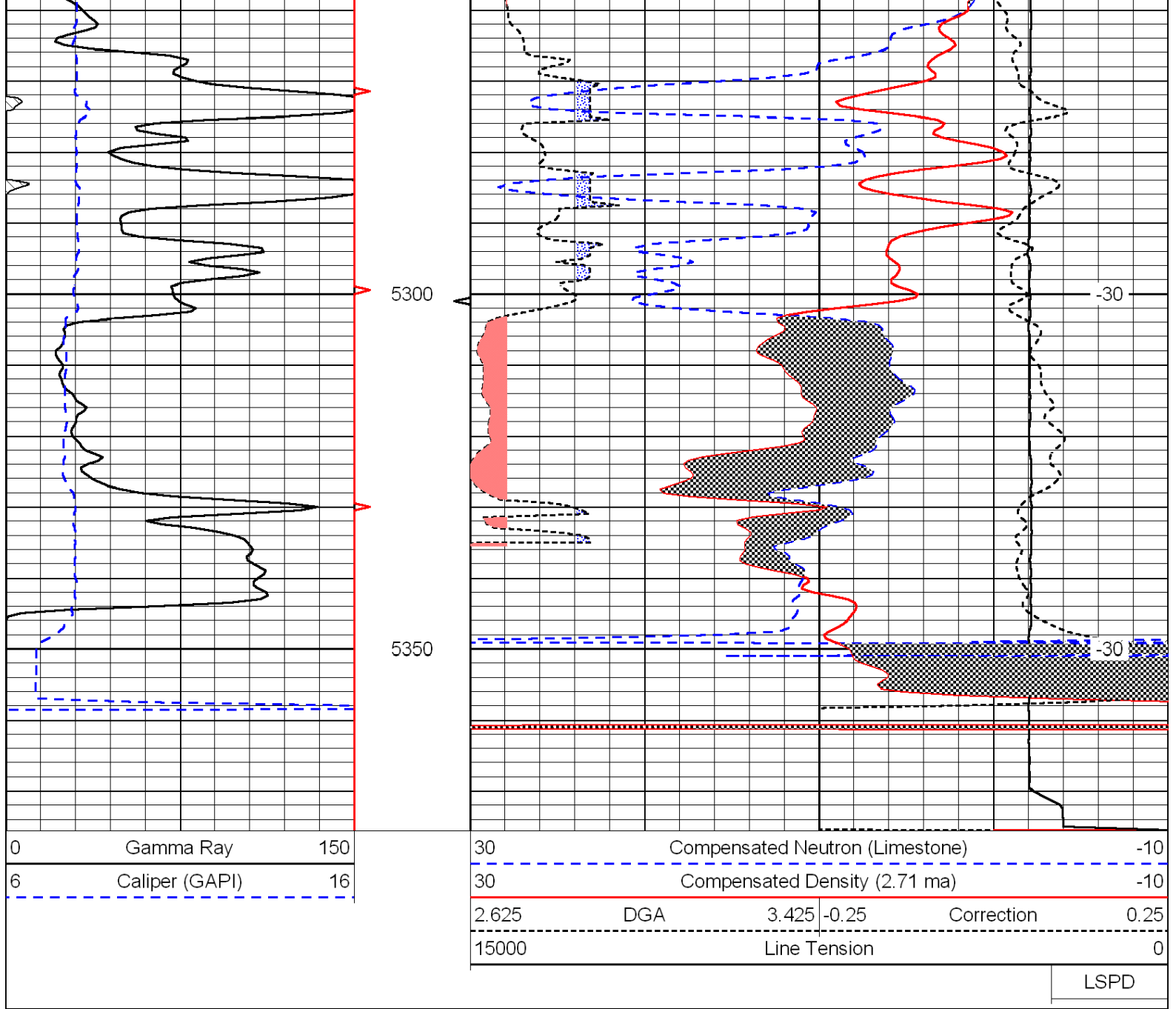














ALLIED

CEMENTING CO., LLC
Cementing & Acidizing Services

CEMENTING LOG

STAGE NO.

Date 02 03 11 District Med. Lake KS Ticket No. 40077
 Company Indiana Oil Co. Rig 4115
 Lease Booth dockers Well No. 1
 County Barber State KS
 Location Kimberly, NE, N/S Field 06-355-11w

CEMENT DATA:
 Spacer Type: 500gals ASF
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG _____

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size 5 1/2 Type _____ Weight 15.5 Collar _____

LEAD: Pump Time _____ hrs. Type 60:40:4% gel
 Excess _____
 Amt. 50 Sks Yield 1.4 ft³/sk Density 14.1 PPG _____

Casing Depths: Top _____ Bottom _____

TAIL: Pump Time _____ hrs. Type class A ASC + 5"
Kal Seal + 2% FL-160 + 2% gel Block / Deformer
 Excess _____
 Amt. 150 Sks Yield 1.57 ft³/sk Density 14.5 PPG _____

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 7 7/8 T.D. 5375 ft. P.B. to 5317 ft.

WATER: Lead 6.7 gals/sk Tail 7.23 gals/sk Total _____ Bbls. _____

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. .0238 Lin. ft./Bbl. _____
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. .0309 Lin. ft./Bbl. _____
 Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

Pump Trucks Used 360-265
 Bulk Equip. 364

Float Equip: Manufacturer _____
 Shoe: Type Guide Shoe Depth _____
 Float: Type AFU insert Depth _____
 Centralizers: Quantity 8 Plugs Top TRP Btm. _____
 Stage Collars _____
 Special Equip. 2-Baskets
 Disp. Fluid Type 2% KCL Water Amt. 127 Bbls. Weight _____ PPG _____
 Mud Type Native Weight _____ PPG _____

COMPANY REPRESENTATIVE A. FOMAR

CEMENTER D. Felio

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
						Pipe on Btm, Break Circ.
		400		12		4 Pump PreFlush
		250		12K		3 Plug Ret of mouse Holes w/ 60:40 @ mat
				42		5 1/2 Mix 150sr "A" ASC
						5 1/2 Stop Pump
		100		10		3 Wash Pump & Lines
		200				5 Release Plug
		900		90		4 1/2 Start Disp w/ 2% KCL Water
		1000		100		2 1/2 See steady increase in PSI
5:45pm		1500		127		2 1/2 Slow Rate
						2 1/2 Bump Plug
						Release PSI - Float Did Hold

FINAL DISP. PRESS: 1000 PSI BUMP PLUG TO 1500 PSI BLEEDBACK 1/2 BBLs. THANK YOU

ALLIED CEMENTING CO., LLC.

Federal Tax I.D.# 20-5975804

040077

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
020311	06	355	11w				5:45PM
LEASE	Brownhatchet	WELL #	1				
OLD OR NEW (Circle one)							

CONTRACTOR Vol # 5 OWNER Indian Oil Co.

TYPE OF JOB	T.D.	DEPTH	DEPTH	DEPTH	DEPTH	MINIMUM	SHOE JOINT	COMMON	POZMIX	GEL	CHLORIDE	ASC
HOLE SIZE	7 7/8	15.5	5317									
CASING SIZE	5 1/2											
TUBING SIZE												
DRILL PIPE												
TOOL												
PRES. MAX	1500											
MEAS. LINE												
CEMENT LEFT IN CSG.	15'											
PERFS.												
DISPLACEMENT	127 Bbls 2 1/2% KCL water											
EQUIPMENT												

PUMP TRUCK	CEMENTER	HELPER	DRIVER	HANDLING	MILEAGE	TOTAL
# 360-265	D. Edwards	S. Thimmesd	M. Thimmesd			
BULK TRUCK						
# 364						
BULK TRUCK						
#						

REMARKS:

*Age on Brown Bess Lines, Pump Per Floor, Plug & Taper
Phase 60x 60.40 cement Mix 1500x 14.750
Cement + Stop Pump (check Pump Lines) Release Plug
Start Dig w/ 1/2" KCL water, See steady increase
in PST slow Rate, Pump Plug at 127 Bbls
Total Disp, Release PST, Start Dig 146 lb*

SERVICE

DEPTH OF JOB	PUMP TRUCK CHARGE	EXTRA FOOTAGE	MILEAGE	MANIFOLD	TOTAL
5317					

CHARGE TO: Indian Oil Co.
STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

1- Guide Shoe	@	
1- AFU insert	@	
1- TRP	@	
2- cement Baskets	@	
8- Centralizers	@	

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Anthony Farrer

SIGNATURE [Signature]

SALES TAX (If Any)	TOTAL
TOTAL CHARGES	
DISCOUNT	IF PAID IN 30 DAYS

5 1/2"



Sonic Cement
Bond Log

API No

15-007-23640-00-00

Company	Indian Oil Company, Inc.
Well	Bonedocker No.1
Field	Stranathan Pool
County	Barber
Location	NW SW NW SE 1720' FSL & 2324' FEL
Permanent Datum	Ground Level
	Elevation 1365
Log Measured From	Kelly Bushing
	11 Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing
	Kelly Bushing
Run Number	One

Run Number	One
Date Survey	2/23/2011
Date Cementing	2/2/2011
Type Cementing Operation	Primary
Depth Driller	5375
Depth Logger	5296
Logged Interval	5295 to 3900
Casing Driller	5.5 @ TD
Float Collar -- D.V. Tool	////
Squeeze Depth	////
Amount & Type Cement	////
Amount & Type Admix	////
Type Fluid In Hole	Water
Fluid Level	Full
Salinity PPM CL	////
Weight lb/gal -- Vis.	////
Approx. Logged Cement Top	4158
Calculated Cement Top	////
Max. Hole Temperature	132
Tool No.	RBT2-2
Spacing Recorded	3-5
Equipment -- Location	13 Hays
Recorded By	S. Chesney
Witnessed By	Anthony Farrar

<<< Fold Here >>>

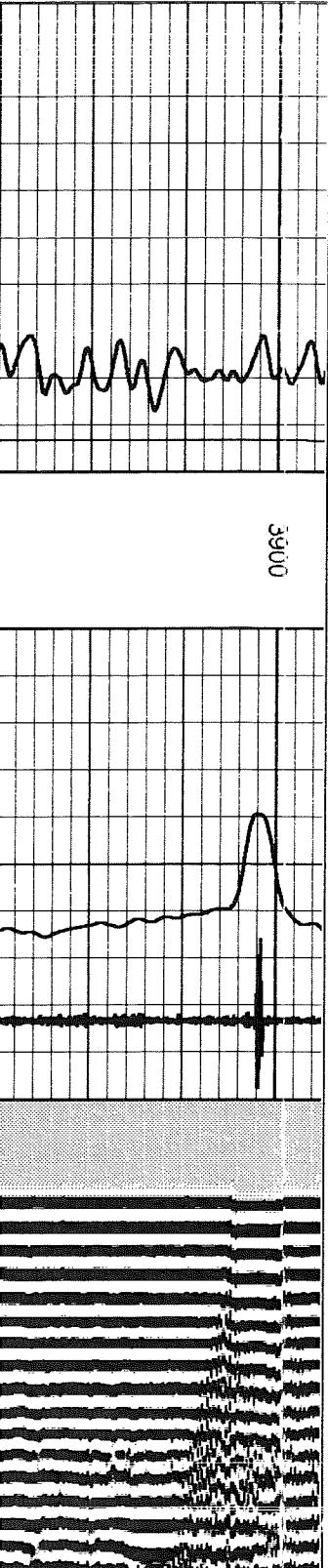
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, 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.

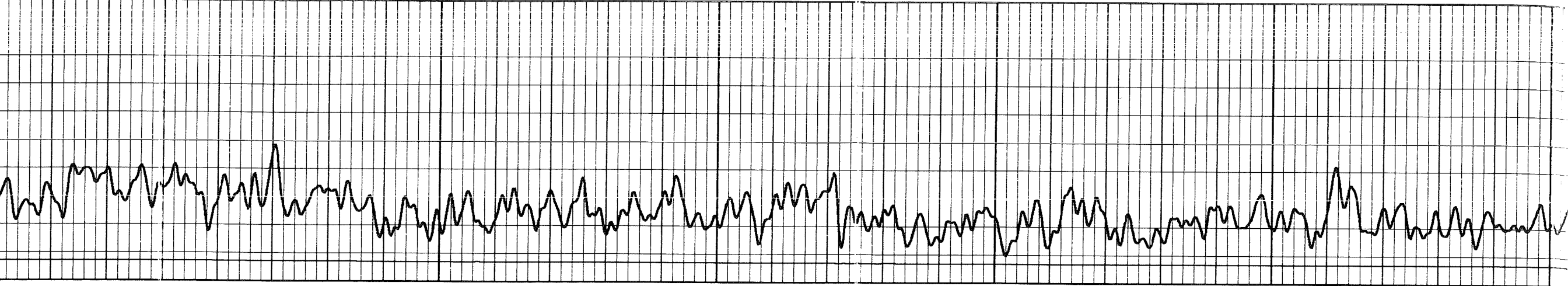
Comments

Thank you for using Log-Tech, Inc.
(785) 625-3858
Medicine Lodge, S to Hyw 2, 1/2E,
N into

Database File: indian-boonedocker-1.db
Dataset Pathname: grchl/pass3
Presentation Format: cbldr
Dataset Creation: Wed Feb 23 17:02:09 2011 by Calc Std Casedhole 08121
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150	amp3ft (mV)	18	Casing Collars	-3.6	200	wvf5ft	1200
			10	0	Amplified Amplitude (mV)	100			
			-100	0	Pipe Amplitude (mV)	20			





3900

3950

4000

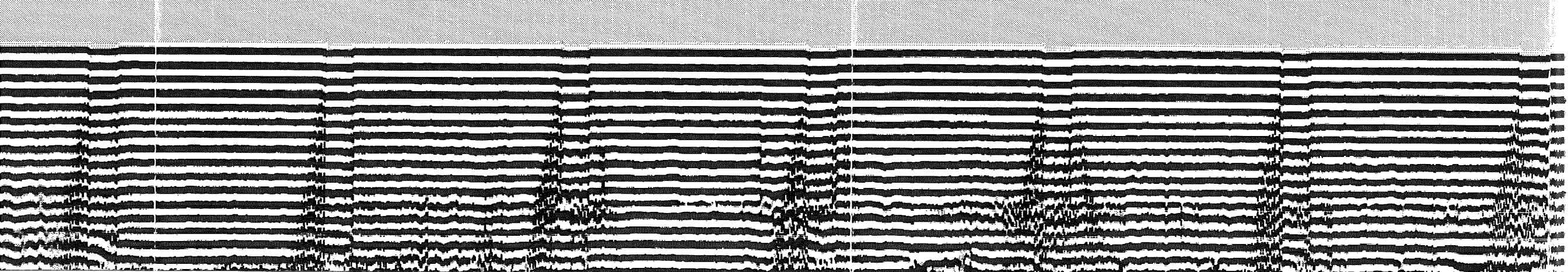
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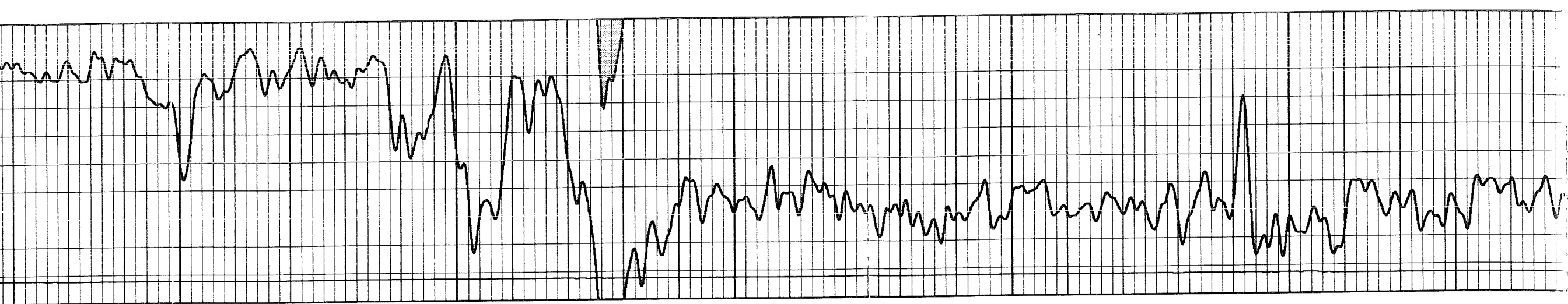
4100

4150



Top of Cement





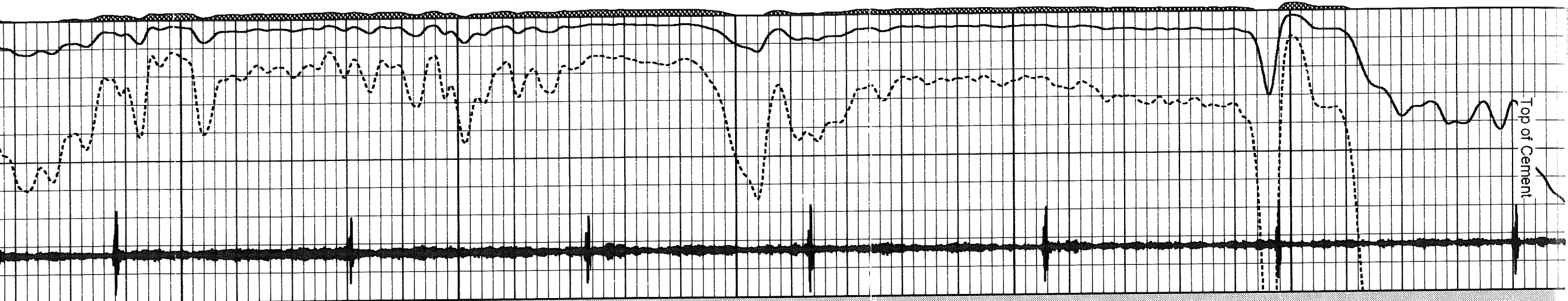
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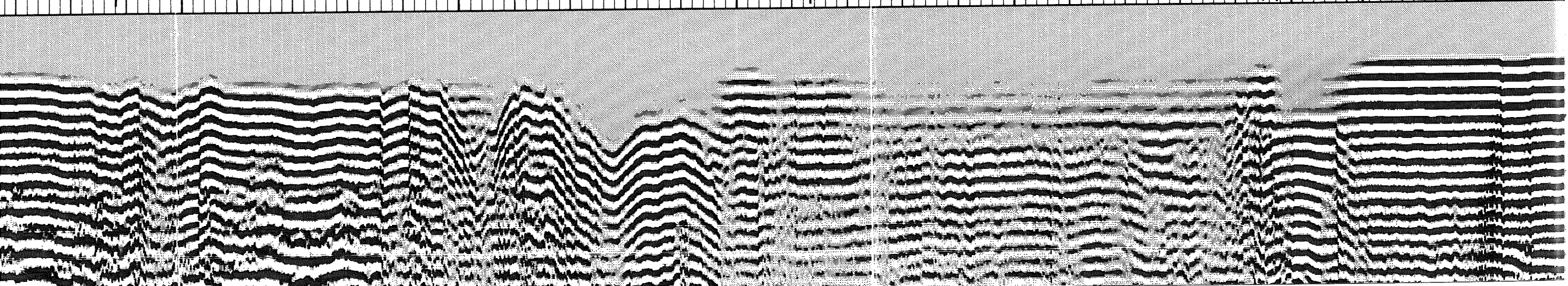
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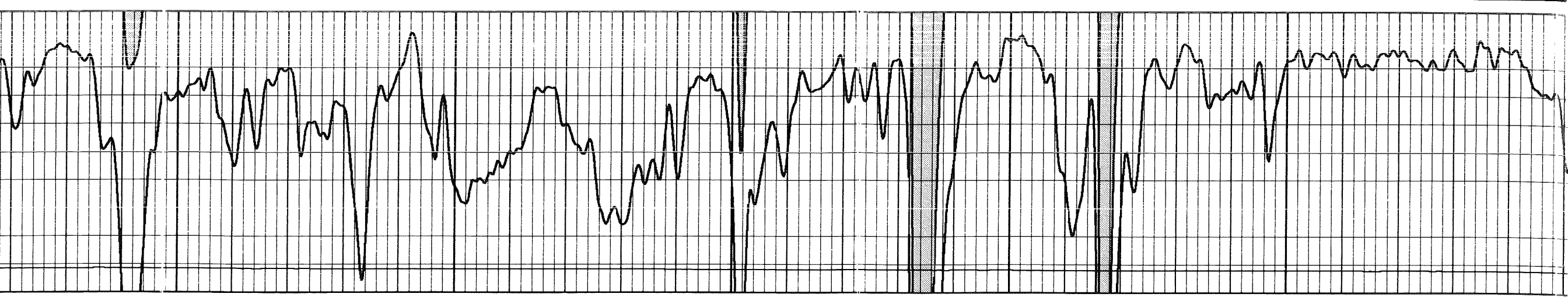
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4200



Top of Cement





4650

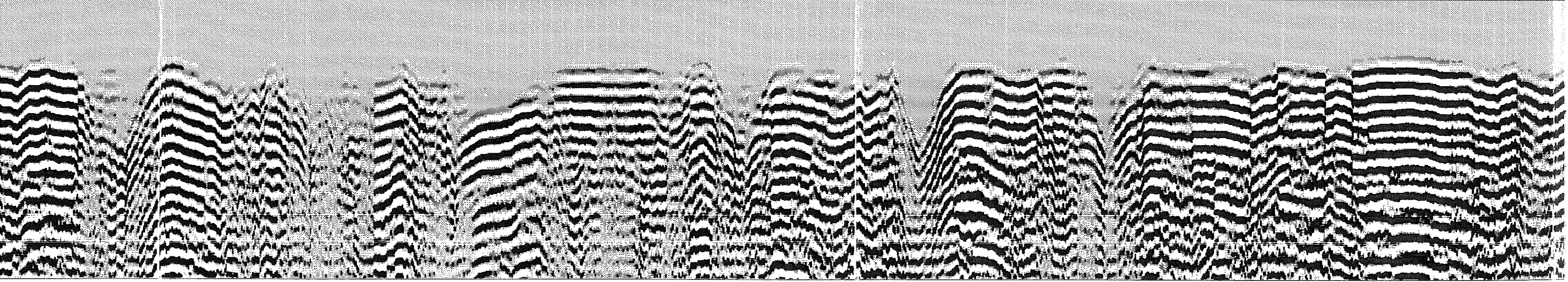
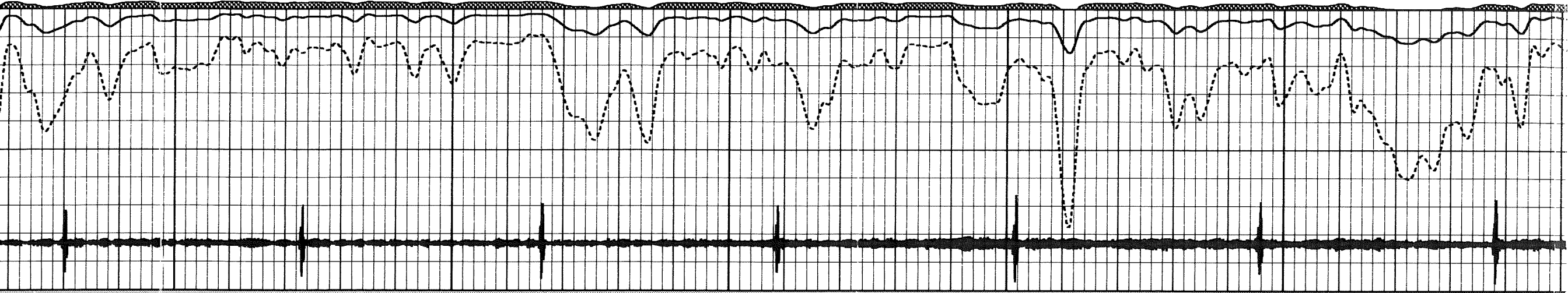
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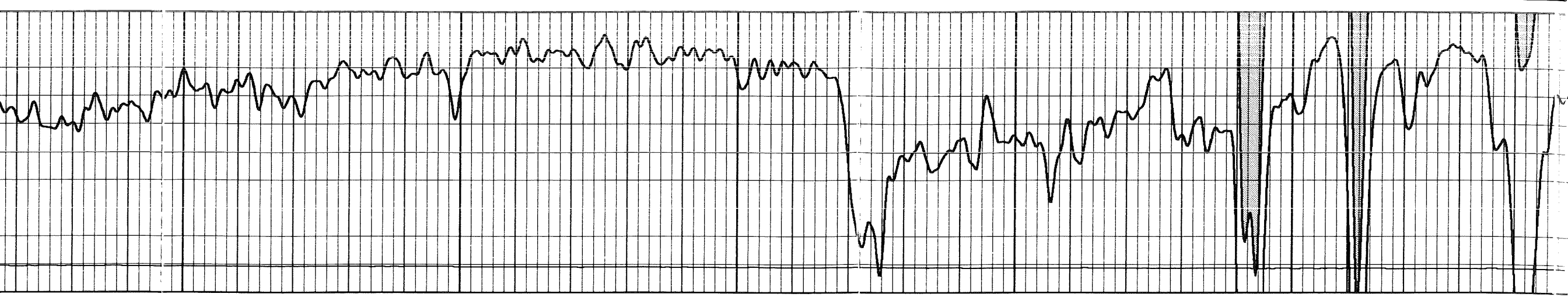
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4400





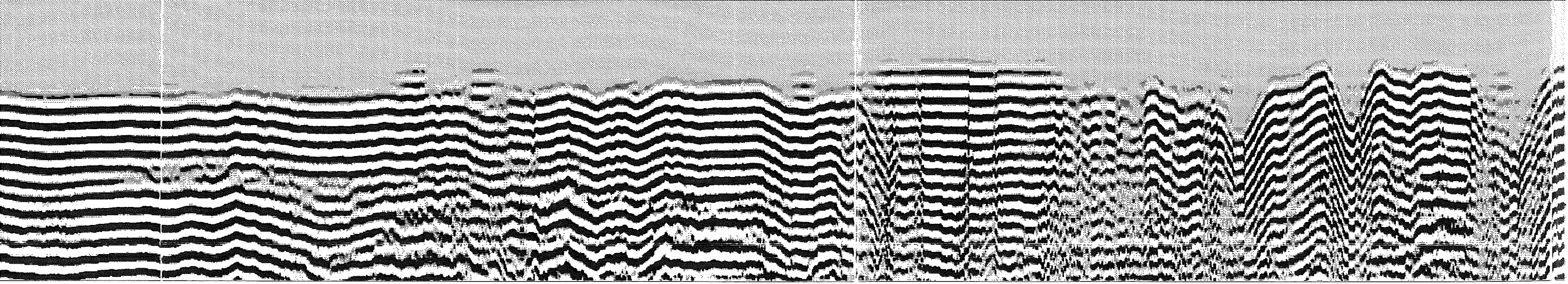
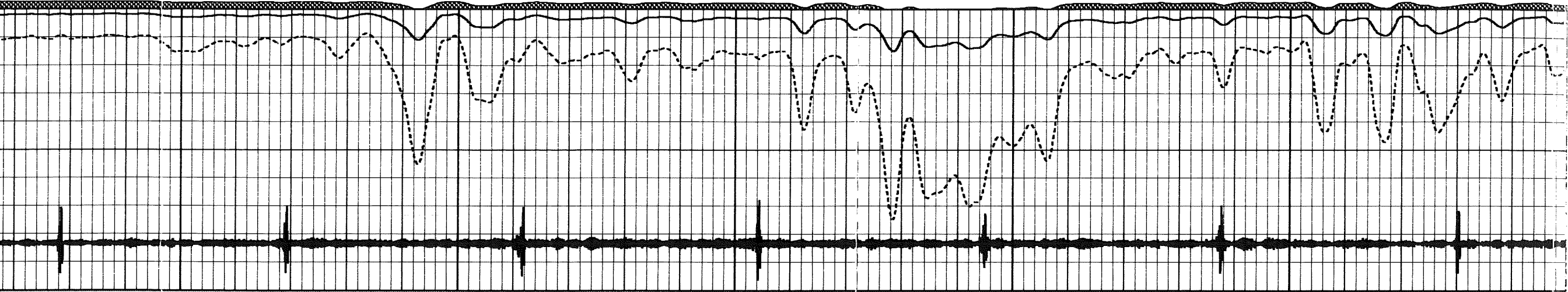
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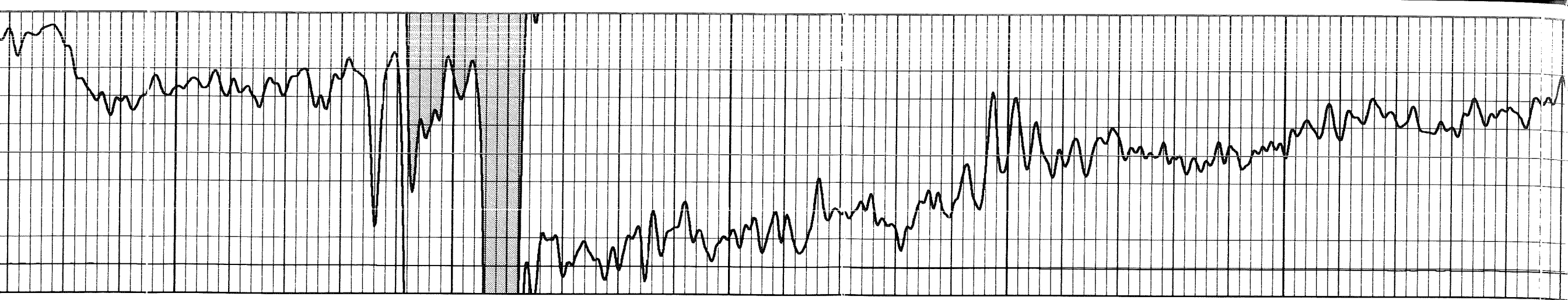
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4800

4750

4700





5150

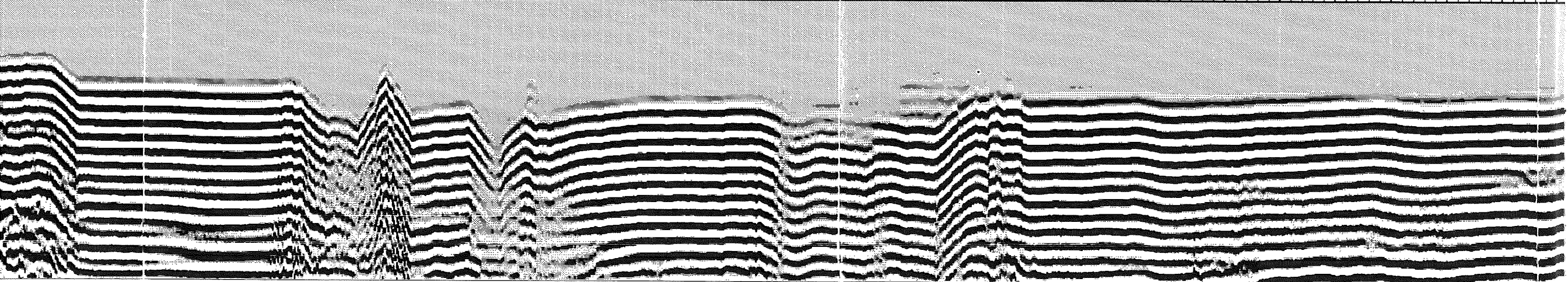
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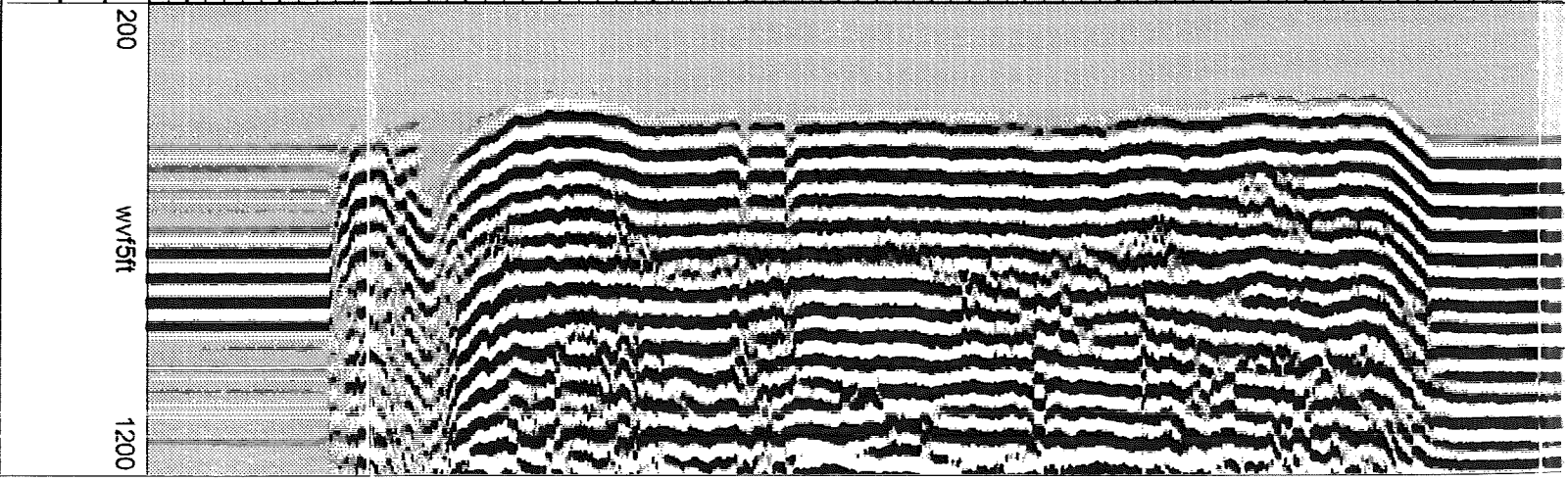
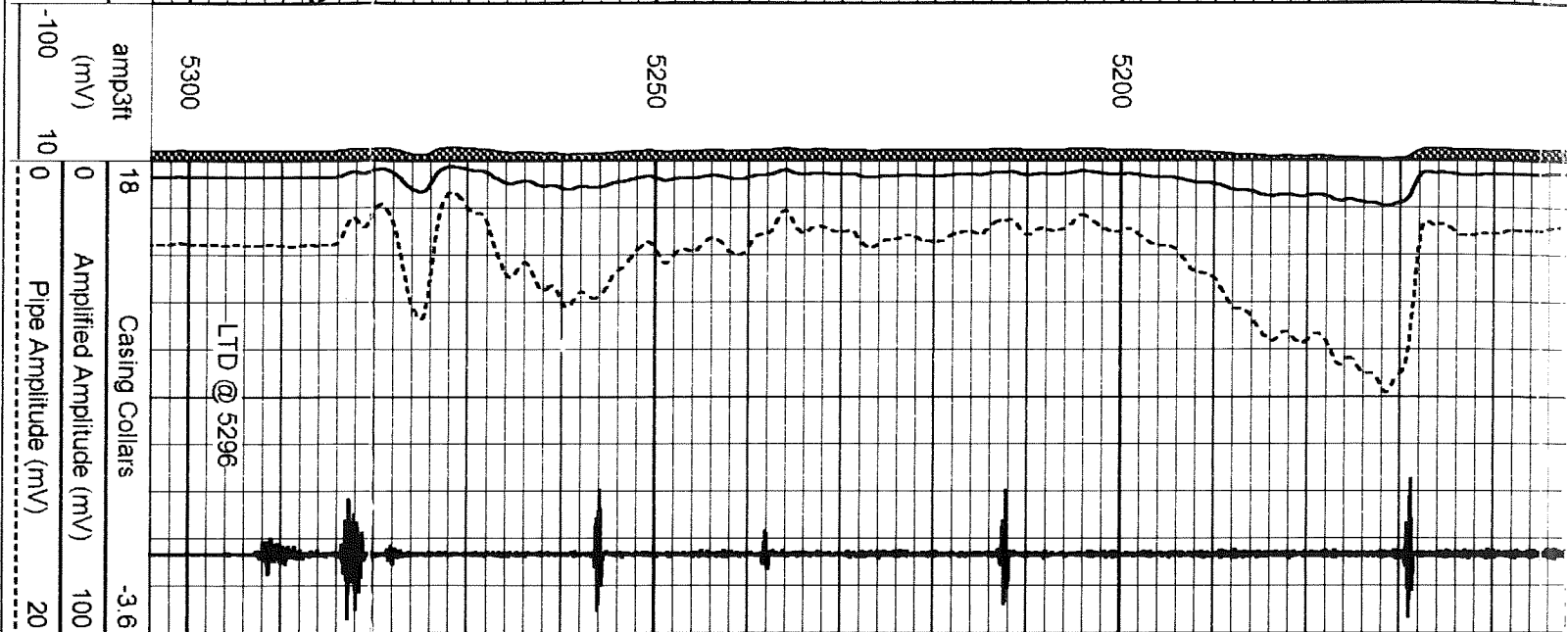
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4950

4900



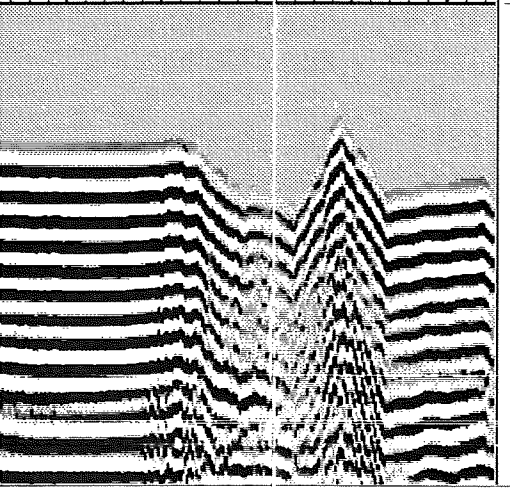
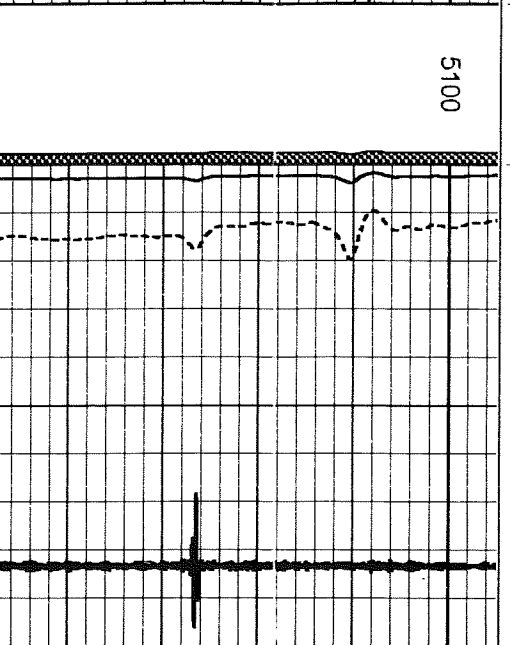
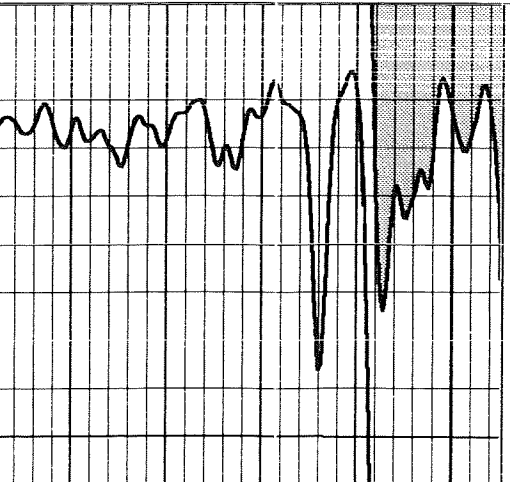


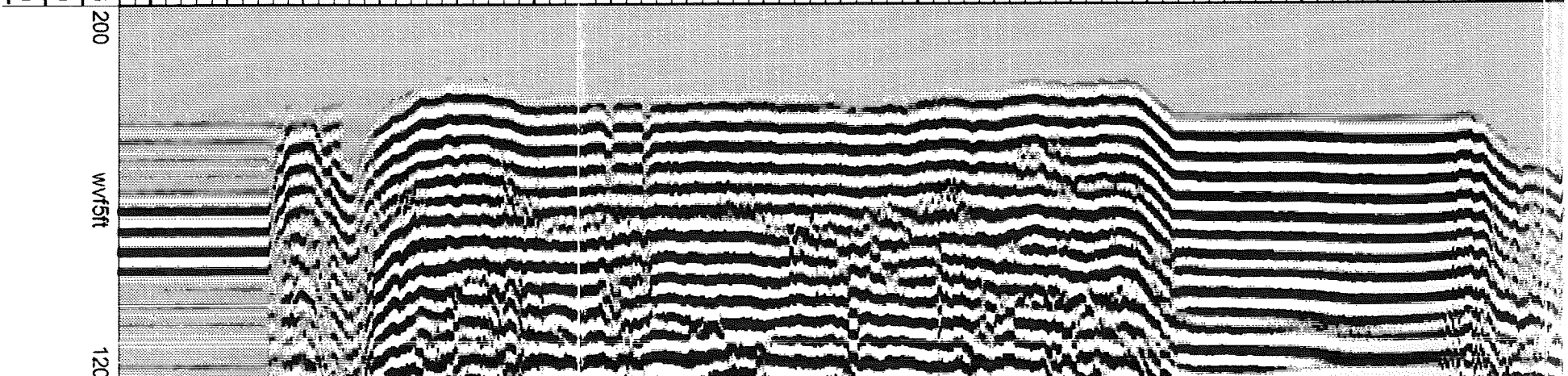
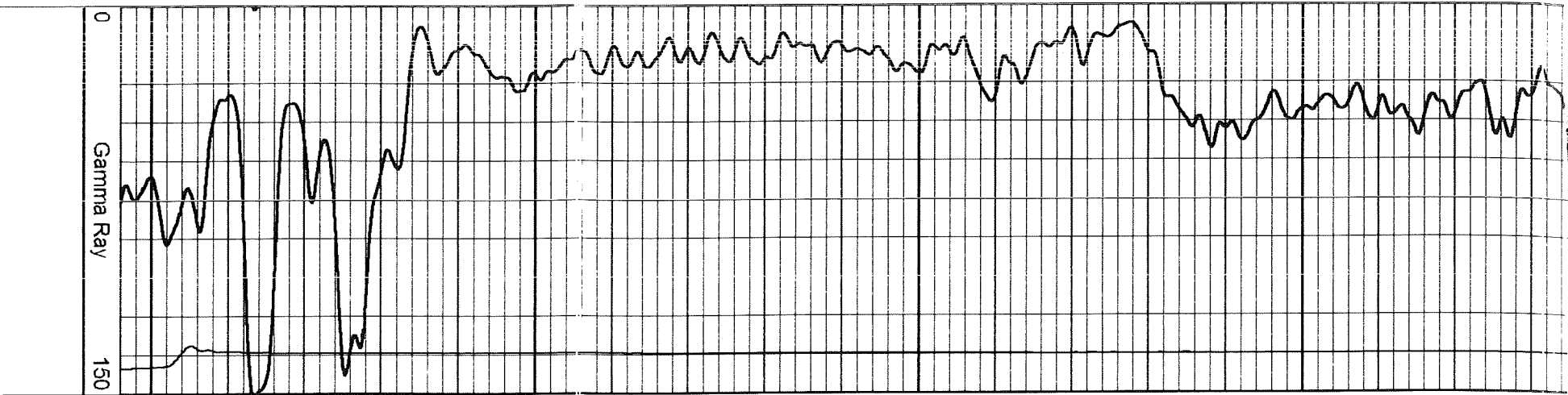
Repeat Section

Database File: indian-boonedocker-1.db
 Dataset Pathname: grcb/pass2
 Presentation Format: chldr
 Dataset Creation: Wed Feb 23 16:32:15 2011 by Log Std Casedhole 08121
 Chated by: Depth in Feet scaled 1:240

amp3ft 18 Casing Collars -3.6
 (mV) (mV) 100
 -100 10 0 Pipe Amplitude (mV) 20

Gamma Ray 150
 wvf5ft 1200





LITHOLOGY STRIP LOG
WellSight Systems
Scale 1:240 (5"=100') Imperial
Measured Depth Log

Well Name: Boondocker #1
Location: NW SW NW SE
License Number: API: 15-007-23640-00-00 Region: Barber County, Kansas
Spud Date: January 24, 2011 Drilling Completed: February 1, 2011
Surface Coordinates: 1720' FSL, 2324' FEL Section 6-Twp 35 South - Rge 11 West
Bottom Hole Coordinates: Vertical Hole

Ground Elevation (ft): 1365 K.B. Elevation (ft): 1376
Logged Interval (ft): 4500 To: 5375 Total Depth (ft): 5375
Formation: McLish Shale
Type of Drilling Fluid: Chemical Mud, Displace at 3400'

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR

Company: Indian Oil Company,INC
Address: PO BOX 209
2507 SE US 160 HWY
Medicine Lodge, KS 67104-0209

GEOLOGIST

Name: W. Scott Alberg
Company: Alberg Petroleum, LLC
Address: 609 Meadowlark Lane
Pratt, Kansas 67124

	SAMPLE TOPS	FORMATION TOPS	LOG TOPS
B/KC	4564(3188)		4562(3186)
PAWNEE	4669(3289)		4664(3288)
CHEROKEE GROUP	4712(3376)		4711(3375)
CHEROKEE SAND	4796(3420)		4794(3420)
MISSISSIPPIAN	4882(3506)		4881(3505)
KINDERHOOK SHALE	5007(3631)		5004(3628)
WOODFORD SHALE	5090(4653)		5087(4650)
MISNER SAND	5111(3735)		5108(3735)
VIOLA	5118(3742)		5114(3738)
SIMPSON GROUP	5276(3900)		5271(3895)
SIMPSON WILCOX	5308(3932)		5304(3898)
RTD			
LTD	5375(3999)		5370(3994)

COMMENTS

Surface Casing: Set 6 joints 13 3/8" at 253' with 250 sxs AA 2% gel, Cement did circulate.
Production Casing: Ran 5 1/2" casing on February 3, 2011
Deviation Surveys: 260' 1, 4550' 1, 5375' 1.
Contractor Bit Record: 1- 17 1/2 out @ 260'
2- 7 7/8" PDC out at 4550'
3- 7 7/8" out at 5375'

Gas Detector: Jumping Leaf, LLC, David Gould
Mud System: Mud Co, Brad Bortz, Engineer
DSTs: Ran one DST by Trilobite testing.
Logged by Log Tech
LTD 5370'

DSTs

DST #1 5090' to 5122', Times 30-60-30-60
Initial opening-Strong Blow BOB 30 Seconds, GTS 11 minutes
IHP 2644# FFP 2509#
IFP 195#-254# FFP 228#-354#
ISIP 2050# FSIP 2038#

Recovery: GST 11 Minutes 1st opening
Gauge 20 min - 92.81 mcfpd
30 min - 113.43 mcfpd
2nd 10 min - 57.90 mcfpd
20 min - 158.52 mcfpd
30 min - 118.05 mcfpd

Fluid Recovery - 62' Gsy OCM - (20% Gas, 10% Oil, 70% Mud)
1116' Gasy Oil (10% Gas, 90% Oil)
Gravity 39.8

CREWS

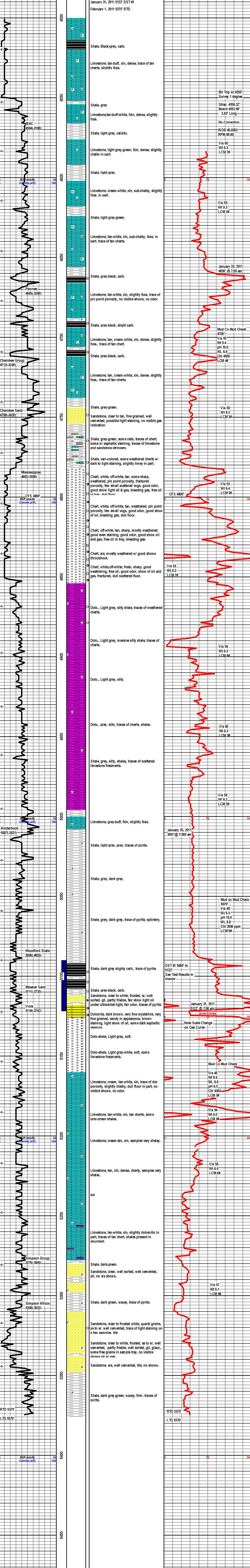
Val Drilling Rig #5
Tool Pusher - Randy Smith

ROCK TYPES

Anhy	Congl	Lmst	Black sh
Bent	Sdy dolo	Mrst	Gry sh
Brec	Shy dolo	Salt	Shale
Cht	Dol	Sstst	Shystst
Clyst	Gyp	Ss	Stysh
Coal	Sdy lmst		

ACCESSORIES

Arg	Chlorite	Pellet	Grysh
Bent	Sand	Pisolite	Gry sh
Bit	Sity	Plant	Sandy
Brefrac		Strom	Sandylms
Calc	FOSSIL	Fuss	Sh
Carb	Algae	Oomoldic	Sltstn
Chtdk	Amph	STRINGER	Boundst
Chtlt	Bioclst	Anhy	Chalky
Dol	Brach	Arg	Cryxln
Ferrpel	Bryozoa	Coal	Earthy
Glau	Coral	Dol	Finexln
Marl	Crin	Gyp	Grainst
Nodule	Echin	Ls	Lithogr
Phos	Fish	Mrst	Microxln
Pyr	Foram	Sltstgr	Mudst
Salt	Fossil	Sasstrg	Packst
Sandy	Gastro	Claysh	Wackest
Silt	Oolite	Dol	
	Ostra		





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Indian Oil Co
PO Box 209
Medicine Lodge, KS 67104
ATTN: Scott Alberg

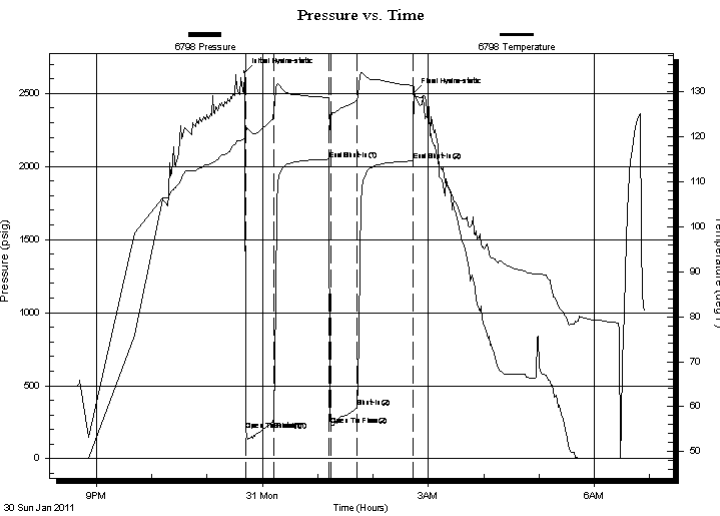
Boondocker #1
6-35S-11W Barber
Job Ticket: 041581 **DST#: 1**
Test Start: 2011.01.30 @ 20:39:38

GENERAL INFORMATION:

Formation: **Misener**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 23:41:53
Time Test Ended: 06:55:38
Interval: **5090.00 ft (KB) To 5122.00 ft (KB) (TVD)**
Total Depth: 5122.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Leal Cason
Unit No: 45
Reference Elevations: 1379.00 ft (KB)
1369.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 6798 Inside
Press @ Run Depth: 353.80 psig @ 5091.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.01.30 End Date: 2011.01.31 Last Calib.: 2011.01.31
Start Time: 20:39:39 End Time: 06:55:38 Time On Btm: 2011.01.30 @ 23:40:53
Time Off Btm: 2011.01.31 @ 02:44:53

TEST COMMENT: IF: Strong Blow , BOB in 30 seconds, GTS in 11 minutes, Gauged Gas & Caught Sample
IS: Would Not Bleed Off
FF: Strong Blow , BOB & GTS Immediate, Gauged Gas
FS: Would not Bleed Off



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2643.99	119.49	Initial Hydro-static
1	194.77	119.70	Open To Flow (1)
31	253.50	124.00	Shut-In(1)
92	2049.72	128.67	End Shut-In(1)
94	227.71	123.30	Open To Flow (2)
122	353.80	127.95	Shut-In(2)
183	2038.13	131.39	End Shut-In(2)
184	2508.93	130.01	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	GSY OCM 20%G 10%O 70%M	0.87
1116.00	GSY Oil 10%G 90%O	15.65

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	44.00	92.81
Last Gas Rate	0.50	3.00	118.05
Max. Gas Rate	0.25	57.00	113.43



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Indian Oil Co
PO Box 209
Medicine Lodge, KS 67104
ATTN: Scott Alberg

Boondocker #1
6-35S-11W Barber
Job Ticket: 041581 **DST#: 1**
Test Start: 2011.01.30 @ 20:39:38

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 39.8 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl	
Water Loss: 8.79 in ³	Gas Cushion Type:	
Resistivity: ohm.m	Gas Cushion Pressure: psig	
Salinity: 2000.00 ppm		
Filter Cake: 0.20 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	GSY OCM 20%G 10%O 70%M	0.870
1116.00	GSY Oil 10%G 90%O	15.655

Total Length: 1178.00 ft Total Volume: 16.525 bbl
 Num Fluid Samples: 1 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

GAS RATES

Indian Oil Co
PO Box 209
Medicine Lodge, KS 67104
ATTN: Scott Alberg

Boondocker #1
6-35S-11W Barber
Job Ticket: 041581 **DST#: 1**
Test Start: 2011.01.30 @ 20:39:38

Gas Rates Information

Temperature: 59 deg C
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (mm)	Pressure (kPaa)	Gas Rate (m ³ /d)
1	20	0.25	44.00	92.81
1	30	0.25	57.00	113.43
2	10	0.25	22.00	57.90
2	20	0.50	9.00	158.52
2	30	0.50	3.00	118.05

