



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1085655
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

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

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

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

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

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

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

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

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

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

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

1085655

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

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

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

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

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

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

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

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

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

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

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

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

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

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

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> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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DIGITAL LOG (785) 625-3858

Computer Processed
Interpretation

API No. 15-103-21,355-00-00

Company Daystar Petroleum, Inc.
Well H. Heim No. 8
Field Lake Stellamaris
County Leavenworth State

Kansas

Location NW/NE NE SE
2,430' FSL & 435' FEL

Other Services
DIL/CNL/CDL
MEL

Sec: 27 Twp: 8S Rge: 21E

Elevation

Permanent Datum Ground Level Elevation 1002
Log Measured From Ground Level 0 Ft. Above Perm. Datum
Drilling Measured From Ground Level

K.B.
D.F.
G.L. 1002

Date Recorded 5/23/2012

Depth Logger 1465

Curve Definitions

SW Water Saturation

SXO Water Saturation In The Flushed Zone

VCL Volume Of Clay

PHIE Density - Neutron Crossplot Shale Corrected

BWV Bulk Volume Water

BWMSXO Bulk Volume Water In Flushed Zone

DCAL Caliper

SPC SP Corrected For Baseline

DGA Apparent Grain Density

Payflag If: PHIE > 2 %, VCL < 40 %, SPC > -10 , SW < 50 % & DCAL < 11

Recorded By J. Long

Witnessed By David Griffin

Analysis By Dale Legleiter

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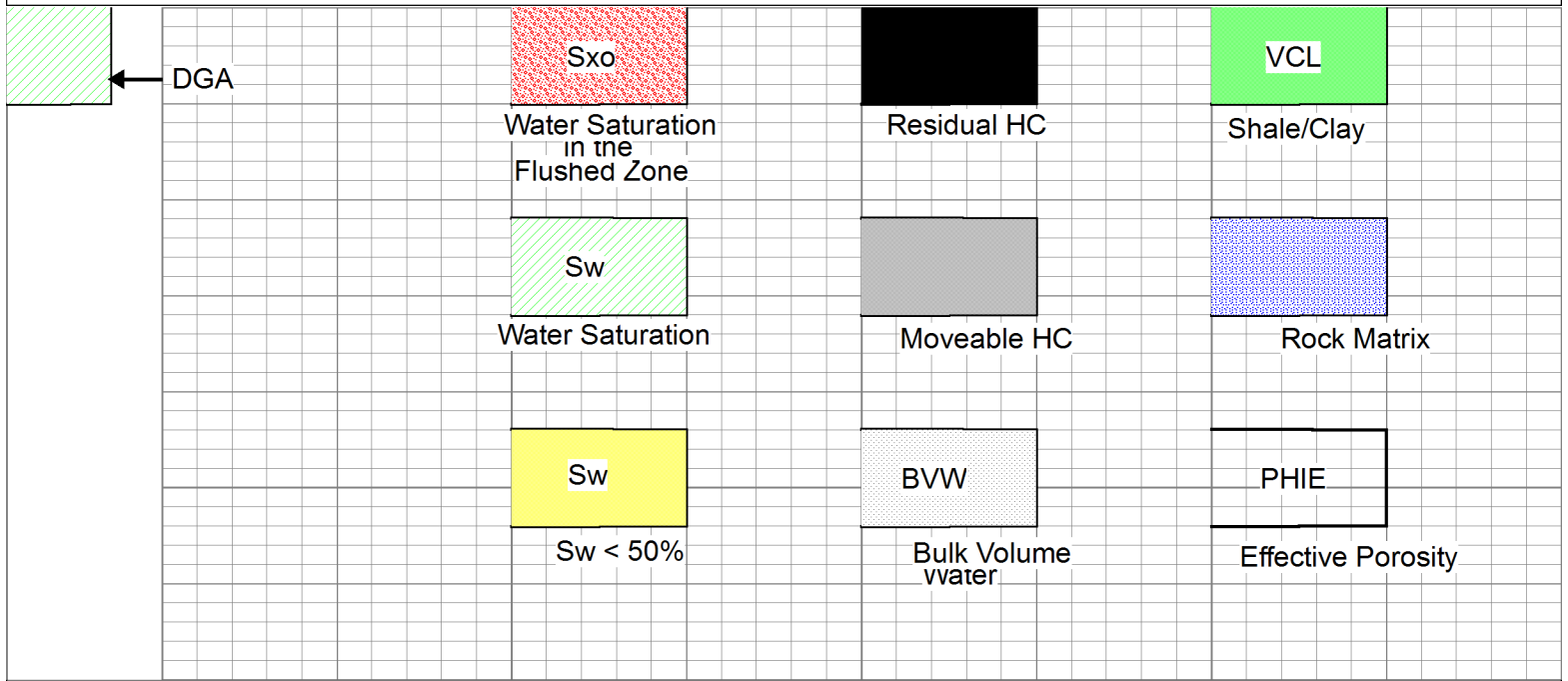
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs,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

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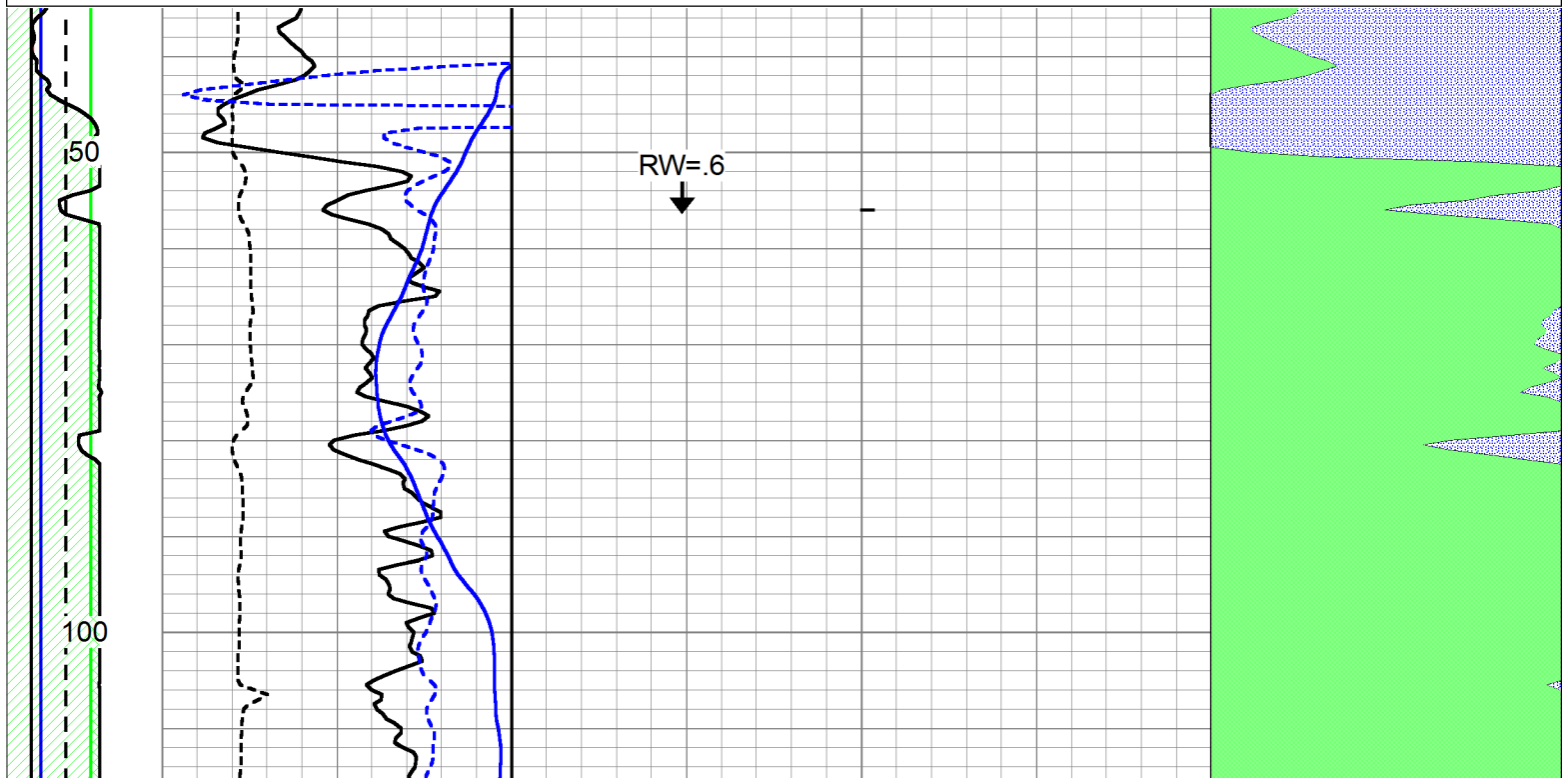
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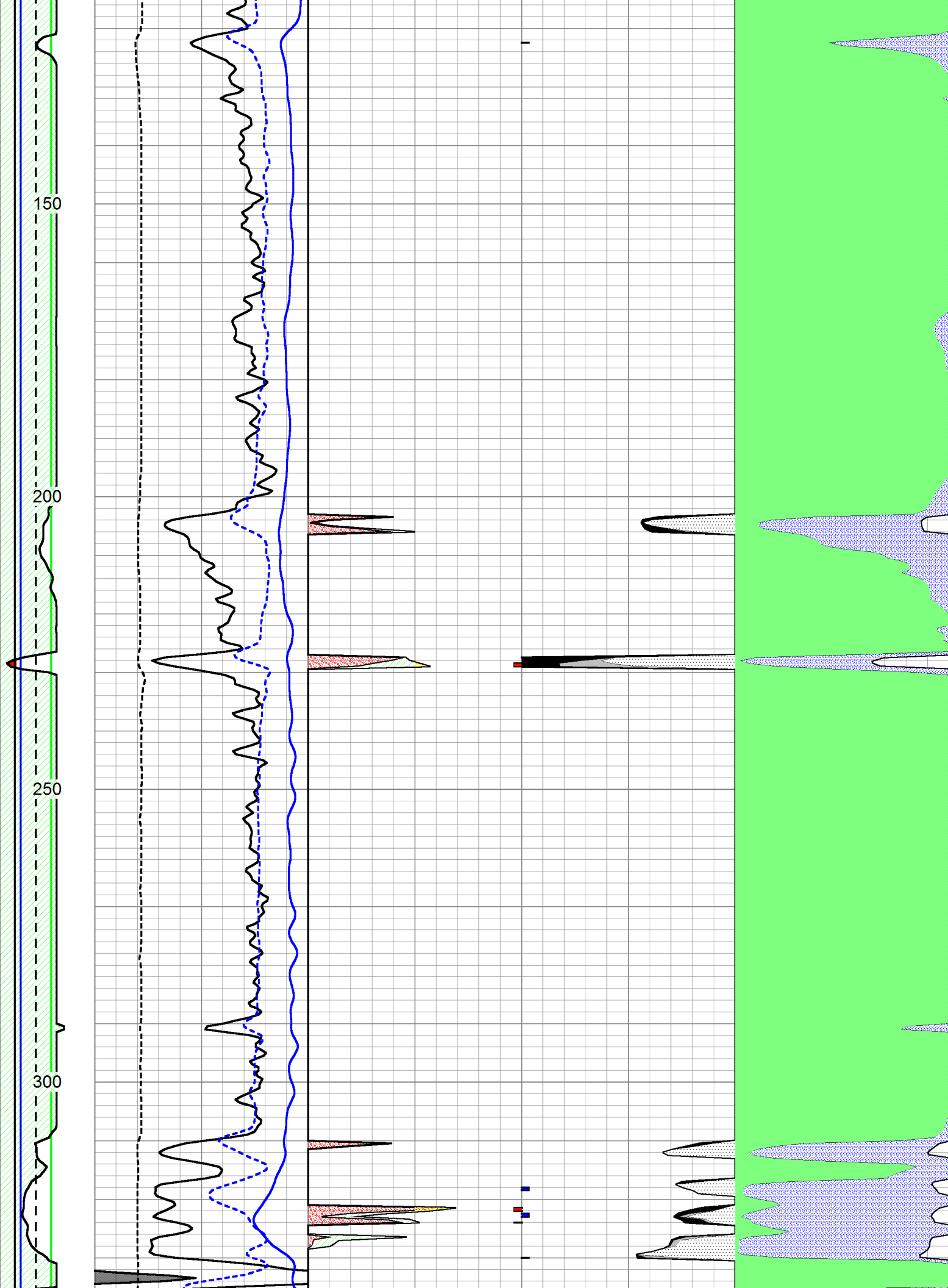
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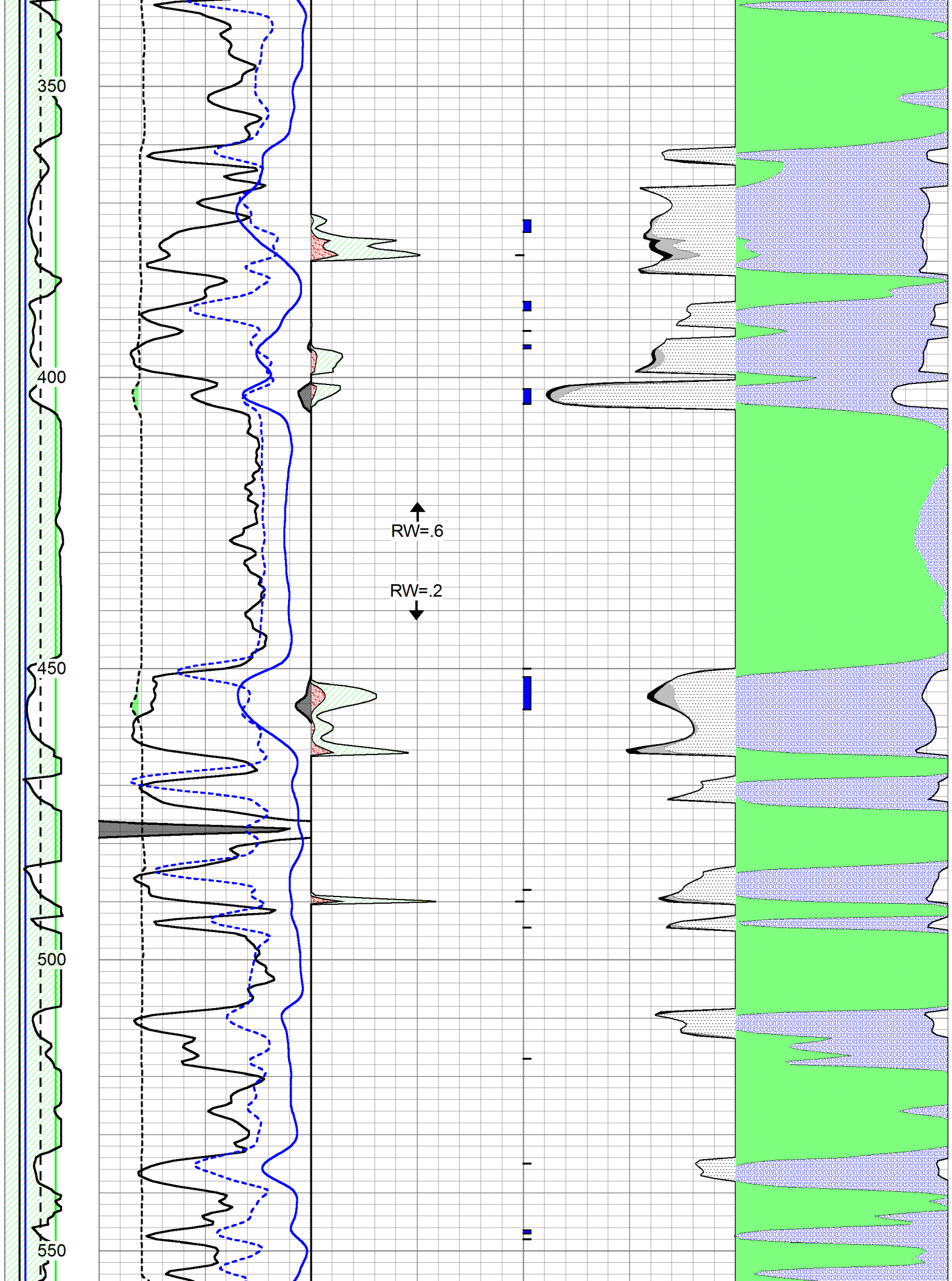


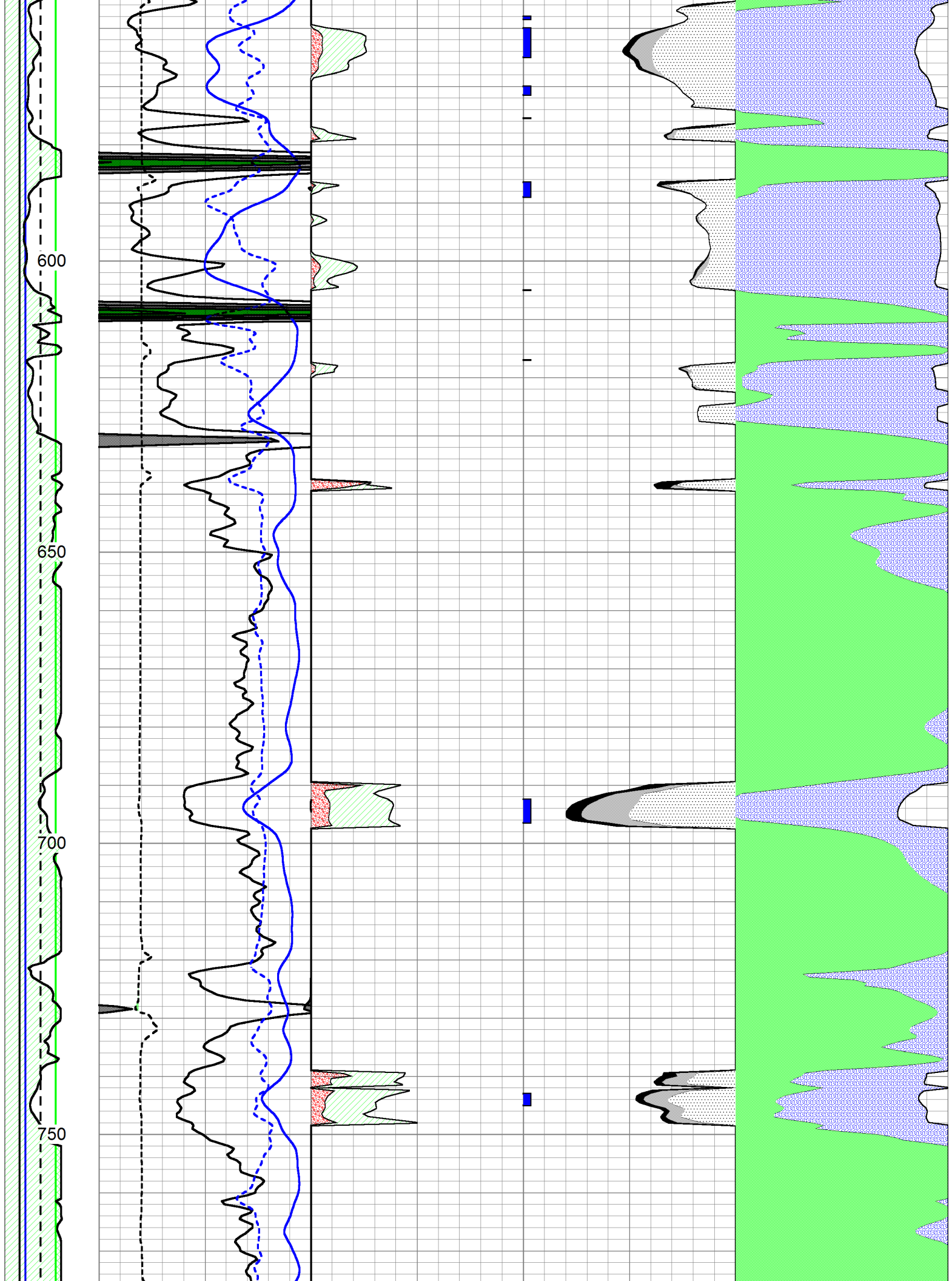
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 Charted by: Depth in Feet scaled 1:240

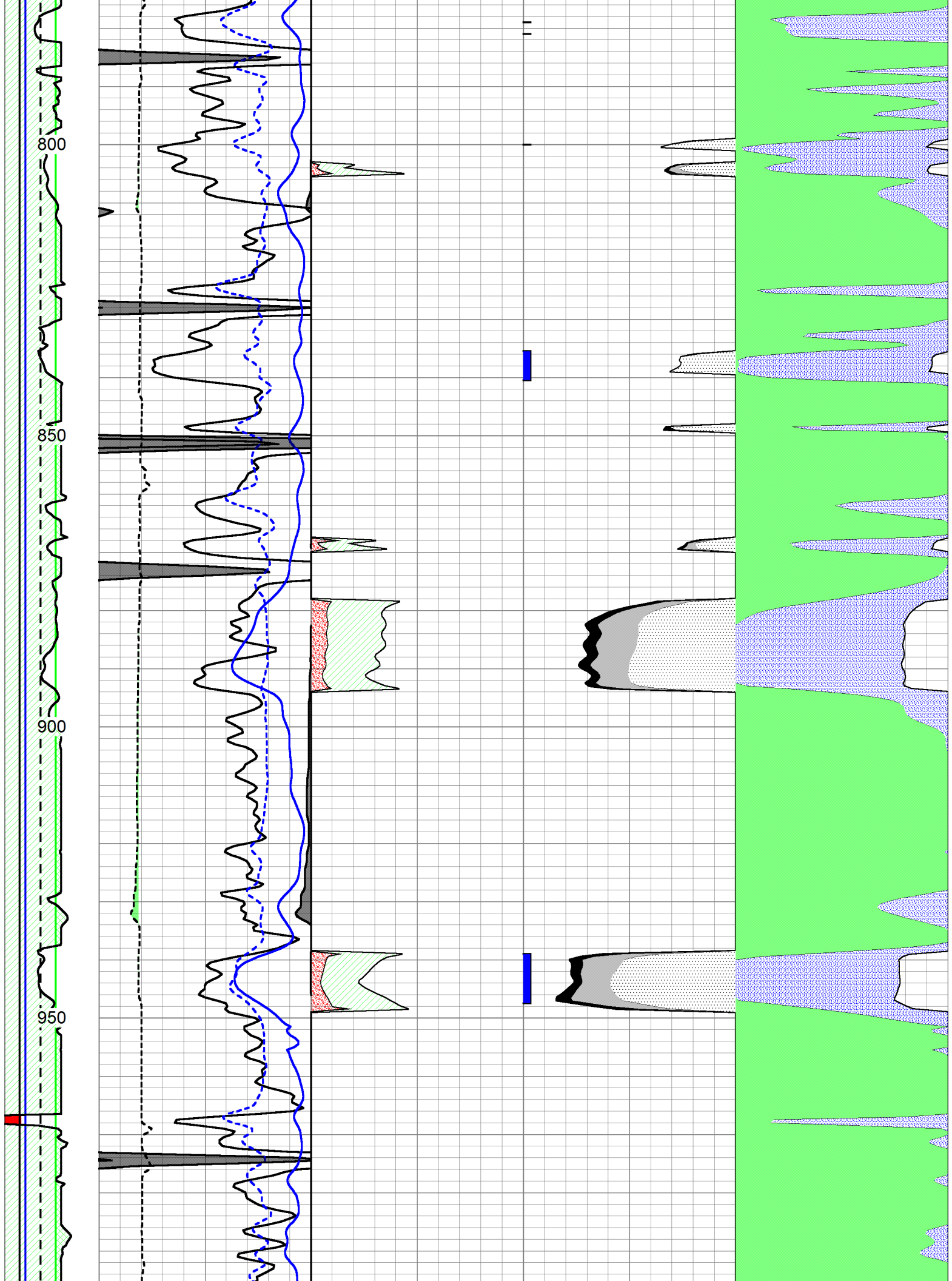
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2.6	3.1	6	DCAL	16	30	PAYFLAG	0	0.3	BVW	0	1	PHIE	0
		-150	SPC (mV)	0	1	SXO	0	0	PERM	30			
								0.3	BVWSXO	0			

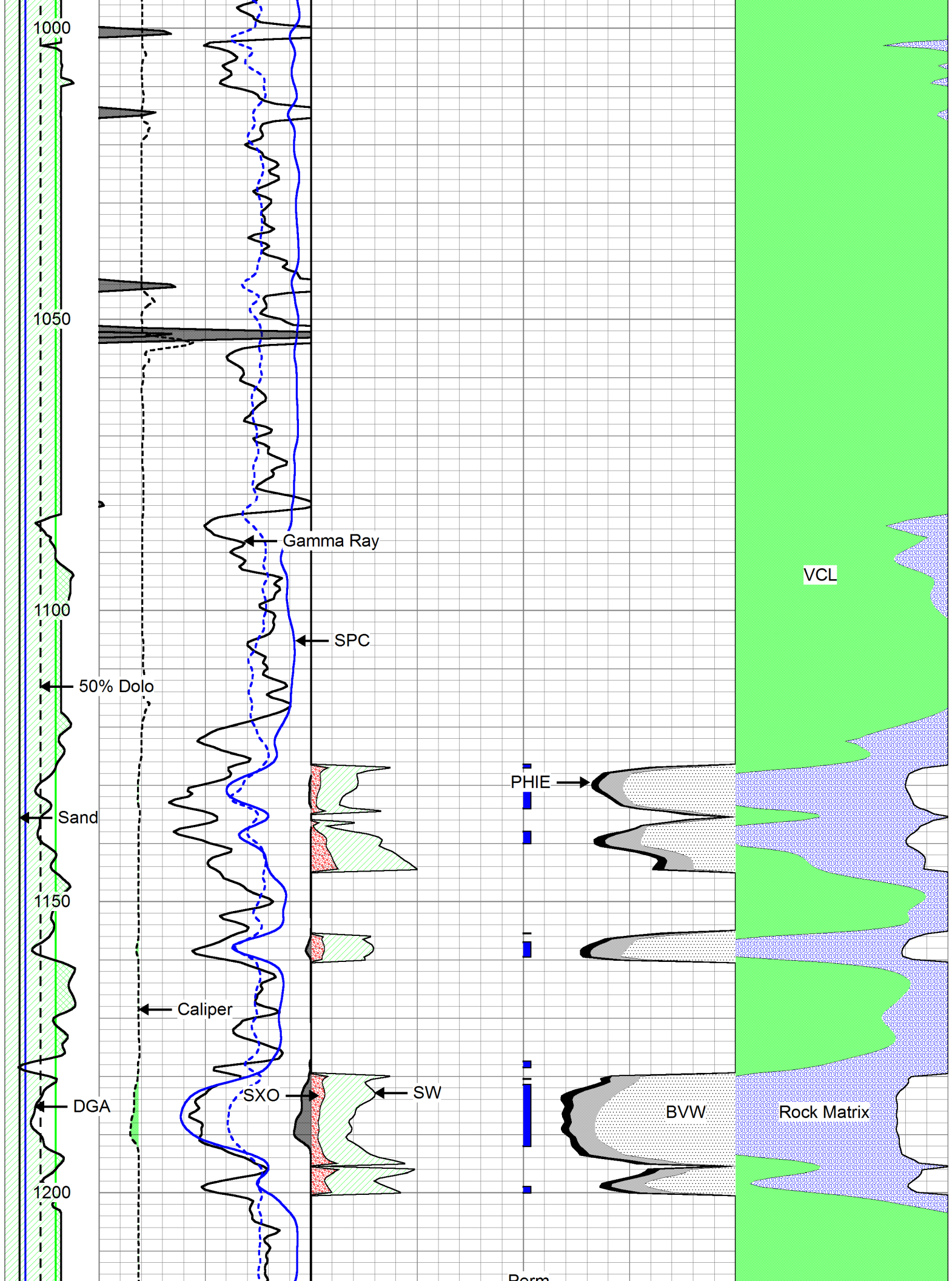


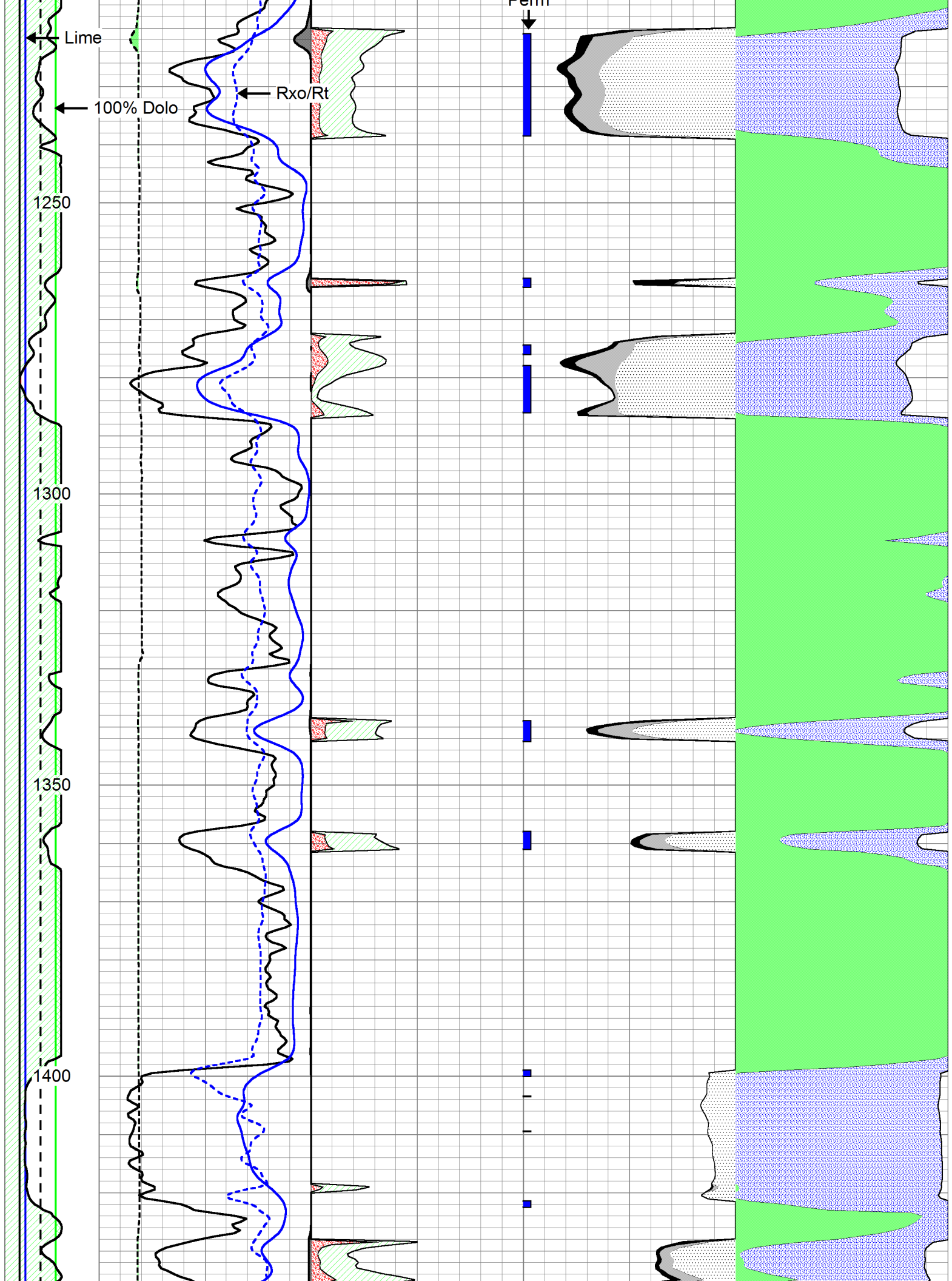


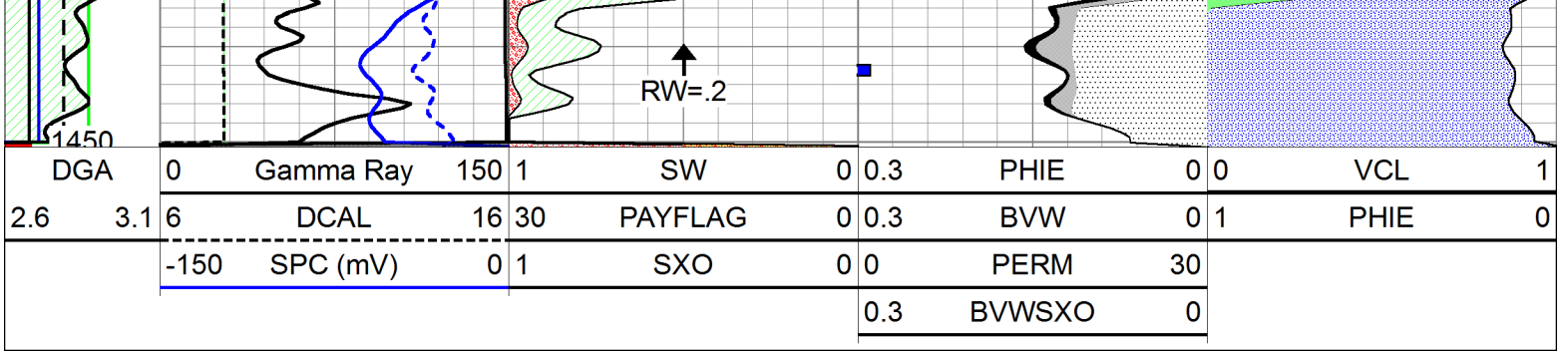












DGA	0	Gamma Ray	150	1	SW	0	0.3	PHIE	0	0	VCL	1	
2.6	3.1	6	DCAL	16	30	PAYFLAG	0	0.3	BVW	0	1	PHIE	0
		-150	SPC (mV)	0	1	SXO	0	0	PERM	30			
							0.3	BVWSXO	0				



DIGITAL LOG (785) 625-3858

Dual Induction Log

API No. 15-103-21,355-00-00

Company	Daystar Petroleum, Inc.	
Well	H. Heim No. 8	
Field	Lake Stellamaris	
County	LeavenworthState	Kansas
Location	NW/NE NE SE 2,430' FSL & 435' FEL	
Sec: 27	Twp: 8S	Rge: 21E
Permanent Datum	Ground Level	Elevation 1002
Log Measured From	Ground Level	0 Ft. Above Perm. Datum
Drilling Measured From	Ground Level	K.B. D.F. G.L. 1002

Date	5/23/2012	
Run Number	One	
Depth Driller	1481	
Depth Logger	1465	
Bottom Logged Interval	1464	
Top Log Interval	00	
Casing Driller	8.625 @ 42	
Casing Logger	40	
Bit Size	7.875	
Type Fluid in Hole	Chemical	
Salinity,ppm CL	N/A	
Density / Viscosity	9.1	44
pH / Fluid Loss	N/A	N/A
Source of Sample	Flowline	
Rm @ Meas. Temp	N/A @ N/A	
Rmf @ Meas. Temp	N/A @ N/A	
Rmc @ Meas. Temp	N/A @ N/A	
Source of Rmf / Rmc	Charts	
Rm @ BHT	N/A @ 91	
Operating Rig Time	3 Hours	
Max Rec. Temp. F	91	
Equipment Number	108	
Location	Hays	
Recorded By	J. Long	
Witnessed By	David Griffin	

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Comments

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(785) 625-3858

McLouth, Follow Highway 92 North and East to 207 Road, 2.4 North, East Into to Farm House, Continue, East through Gate to Location

Database File: c:\warrior\data\daystar_h. heim no. 8\daystar_h_heim_8hd.db
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 Charted by: Depth in Feet scaled 1:600

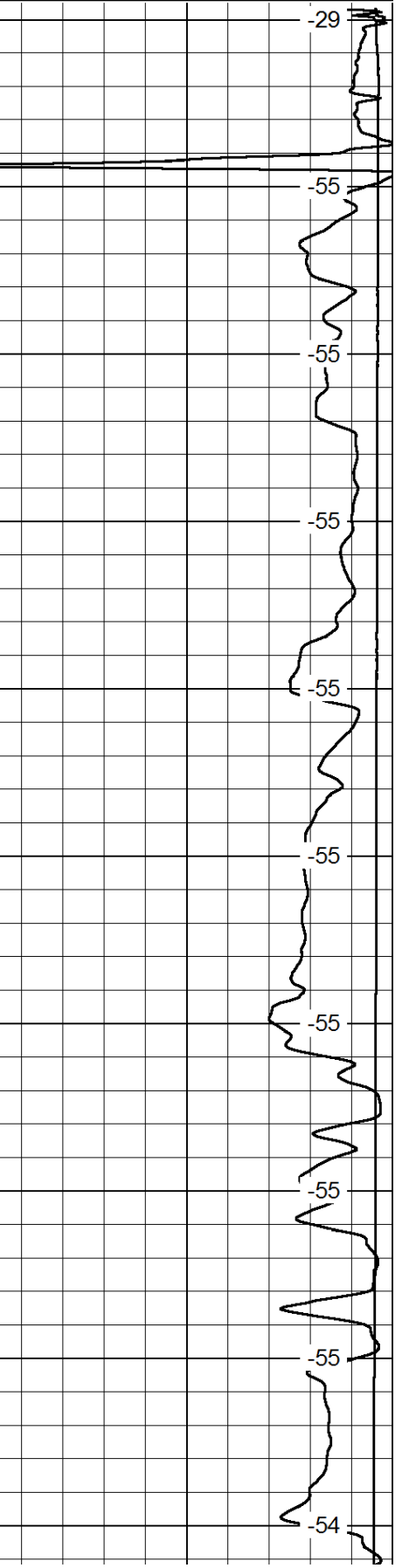
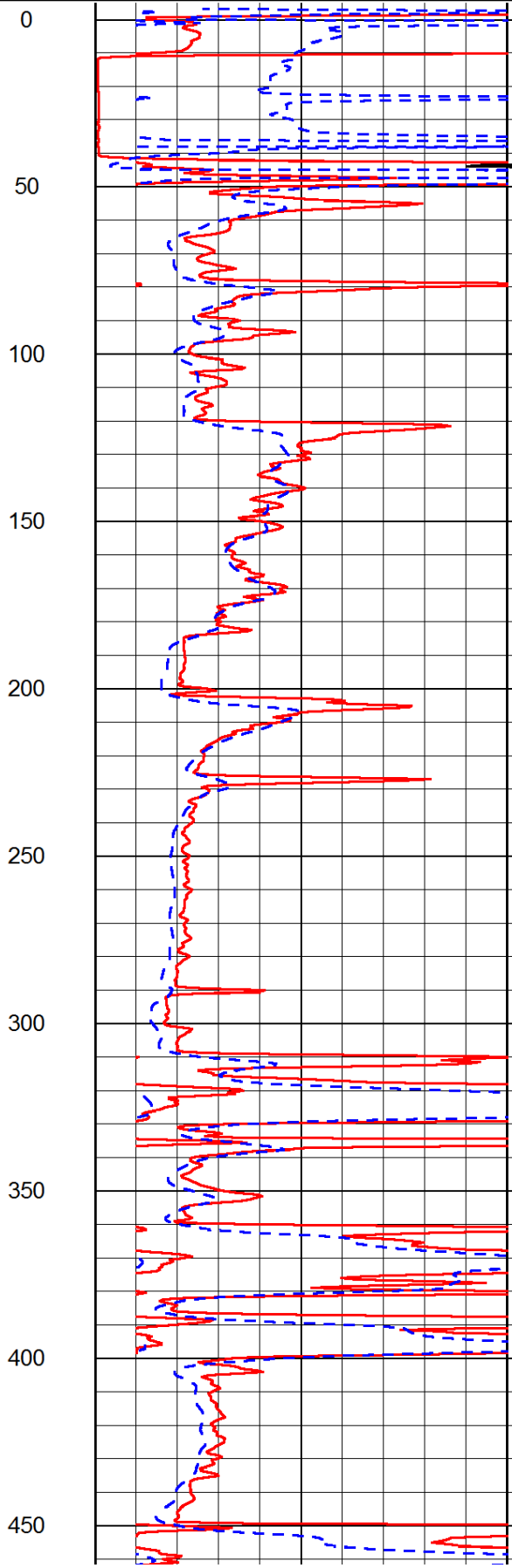
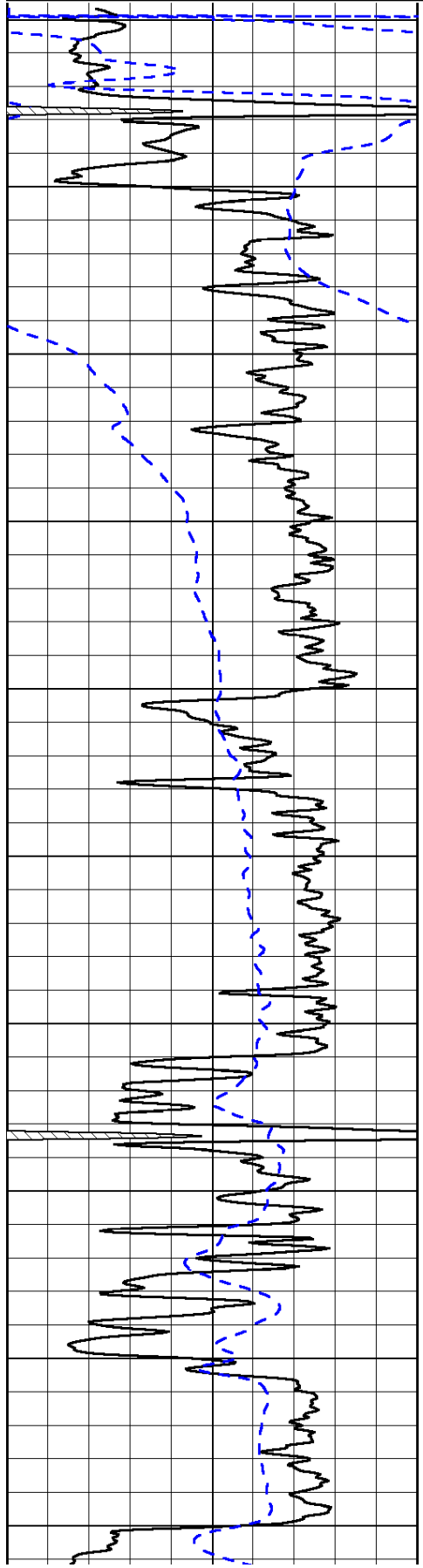
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-200	SP (mV)	0

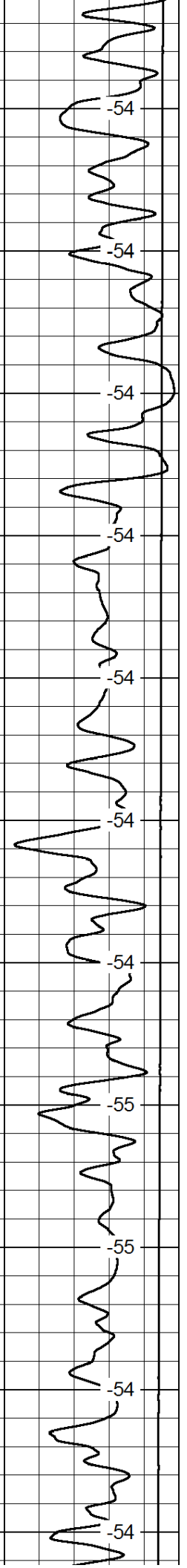
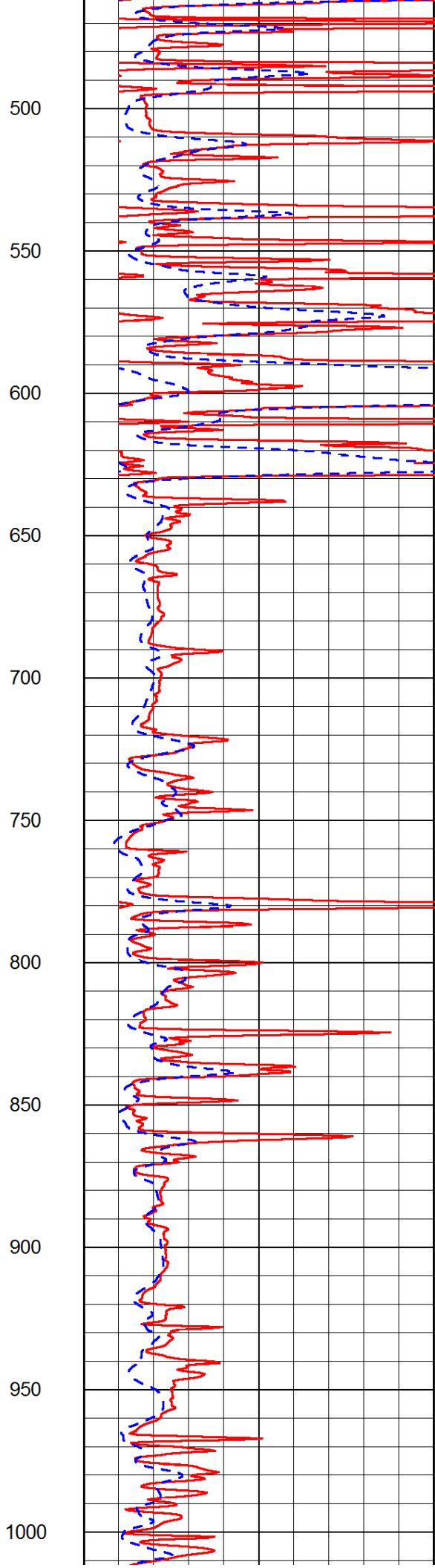
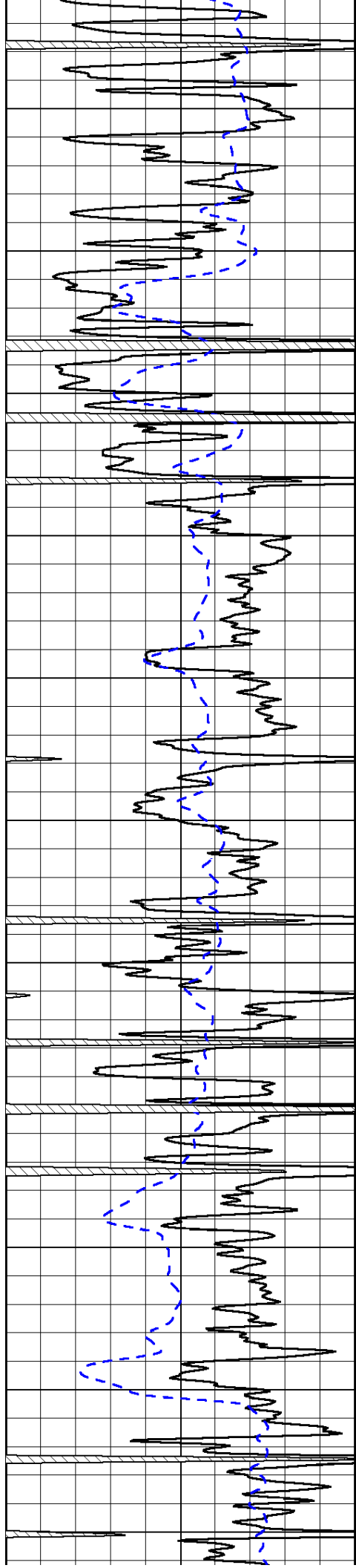
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0	Deep Resistivity	50

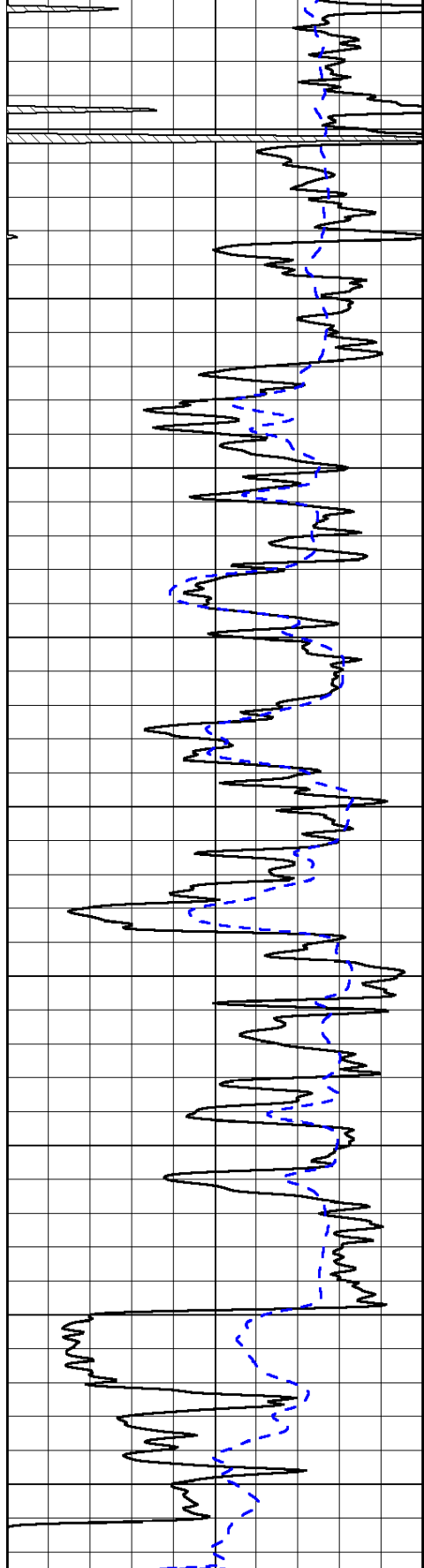
LSPD

1000	Conductivity	0
15000	Line Tension	0

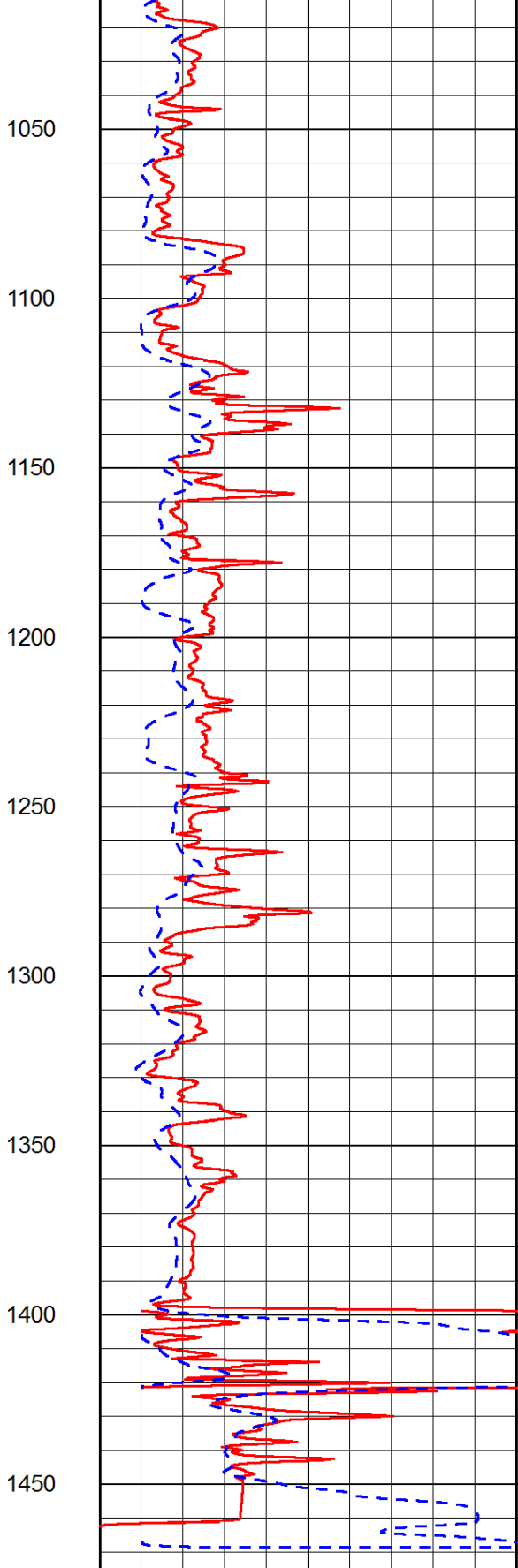
50	Shallow Resistivity	500
50	Deep Resistivity	500



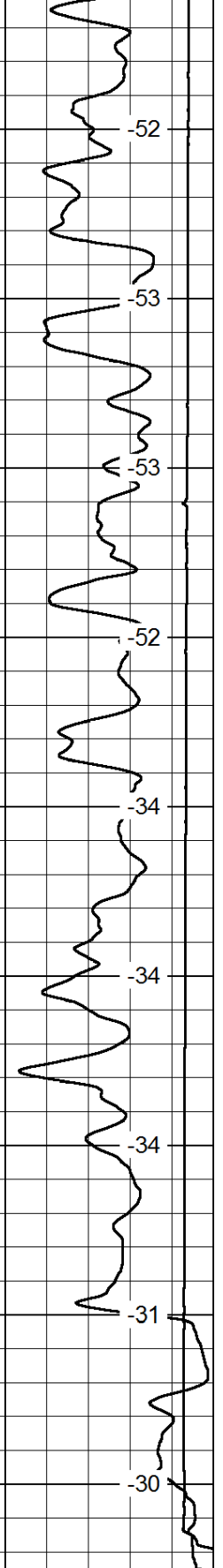




0 Gamma Ray 150
 -200 SP (mV) 0



0 Shallow Resistivity 50
 0 Deep Resistivity 50
 1000 Conductivity 0
 15000 Line Tension 0
 50 Shallow Resistivity 50
 50 Deep Resistivity 50



LSPD

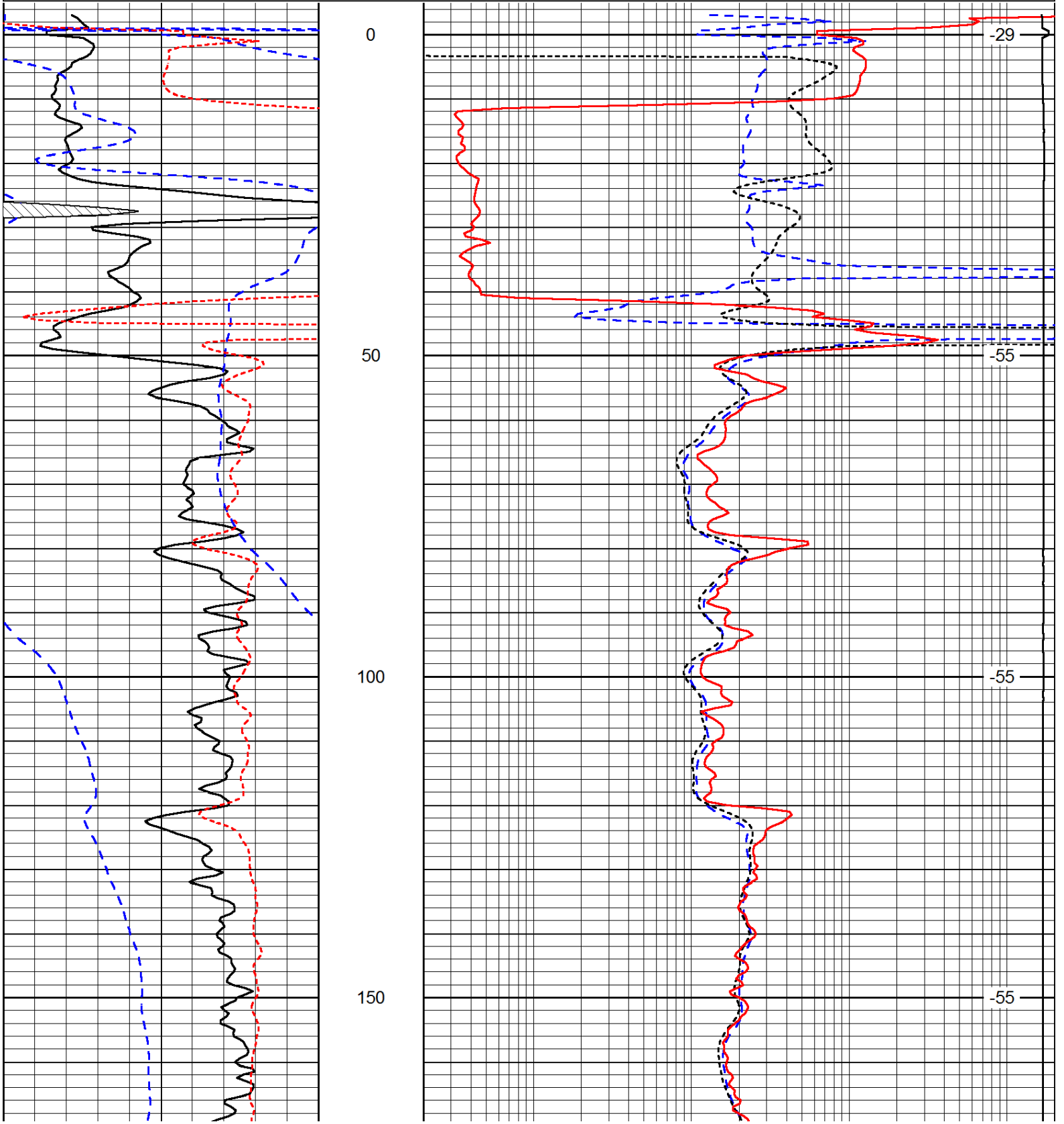
1050 -52
 1100 -53
 1150 -53
 1200 -52
 1250 -34
 1300 -34
 1350 -34
 1400 -31
 1450 -30

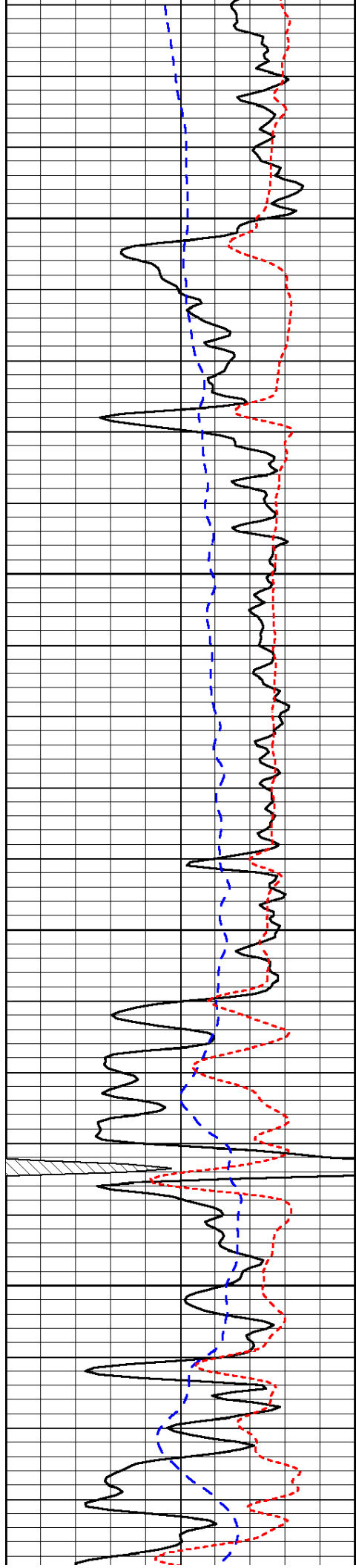
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 Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150
-200	SP (mV)	0
-160	Rxo / Rt	40

0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000
15000	Line Tension	0

LSPD



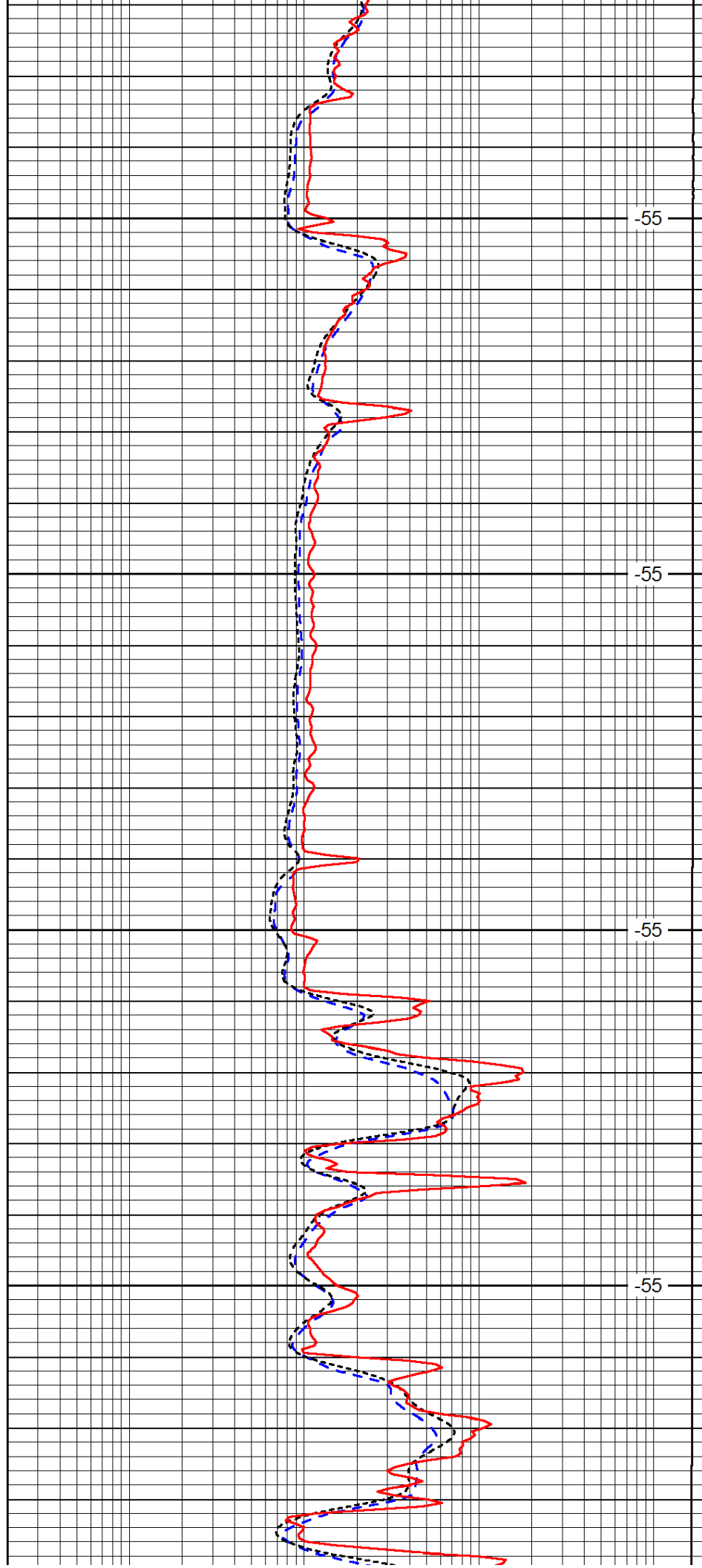


200

250

300

350

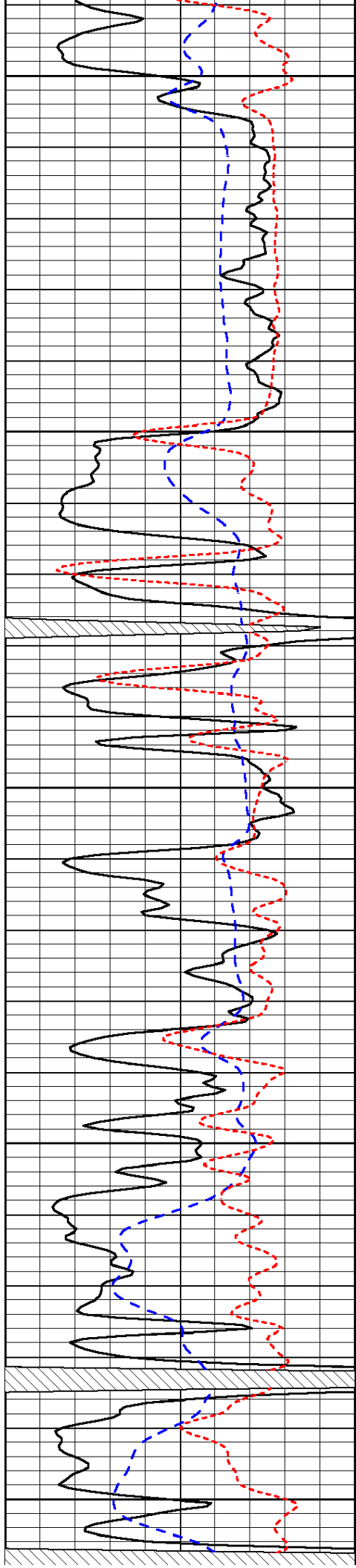


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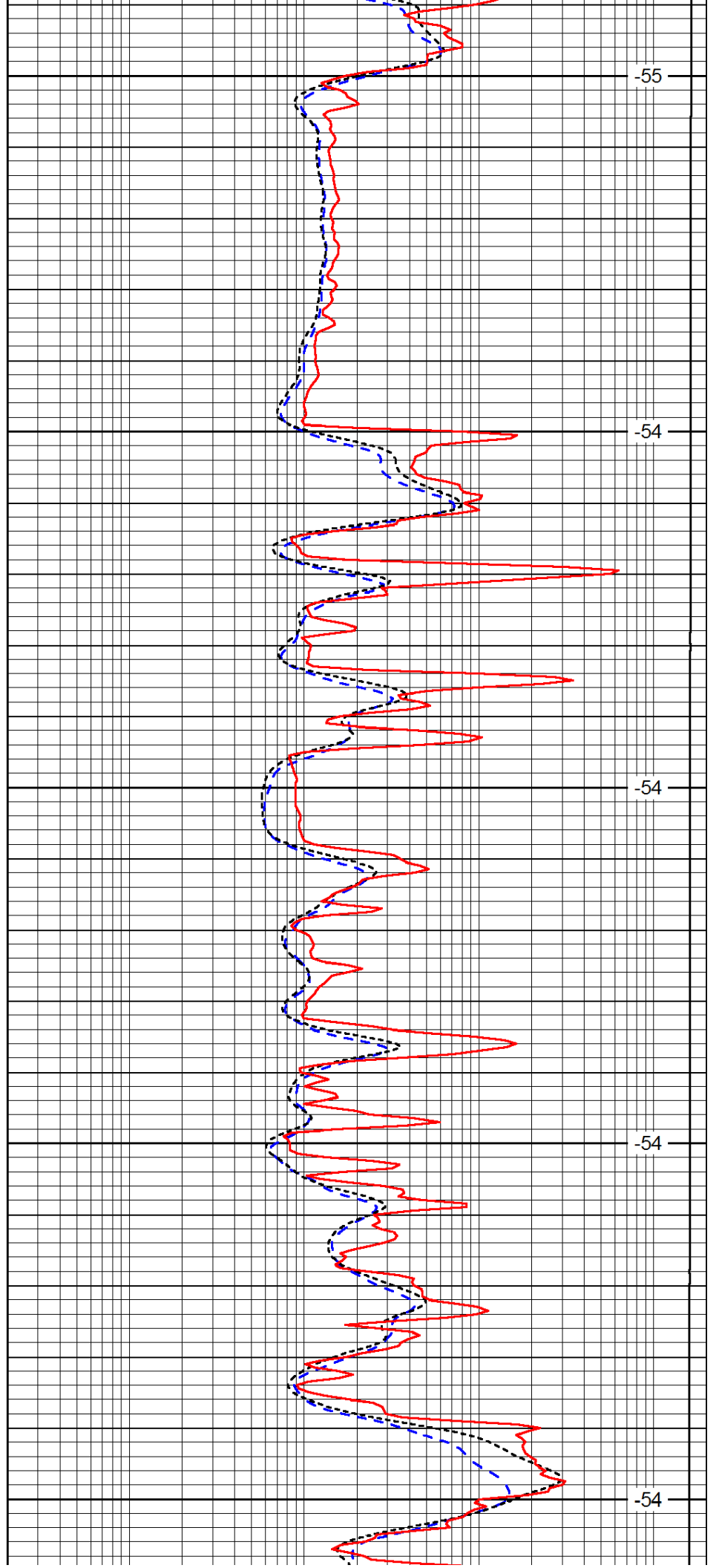
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450

500

550

600



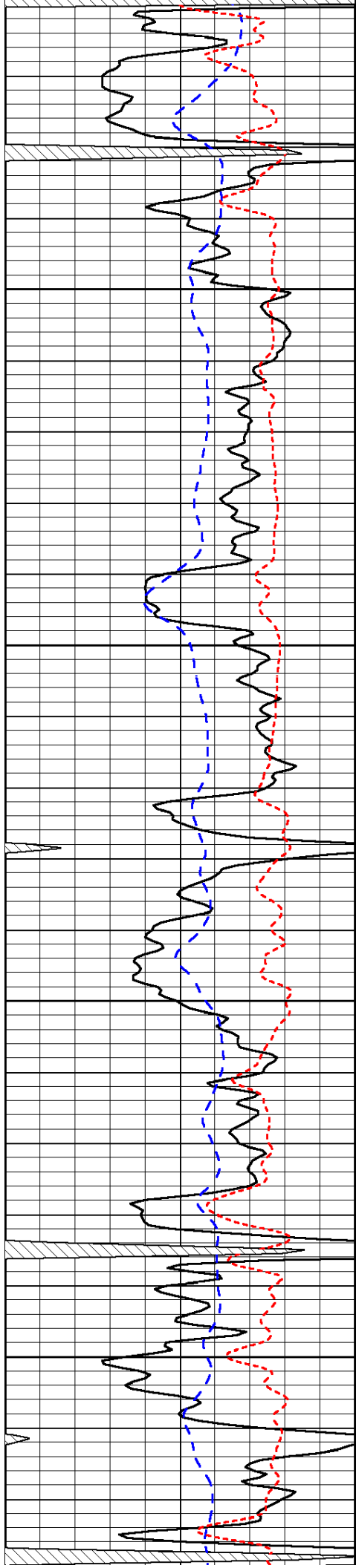
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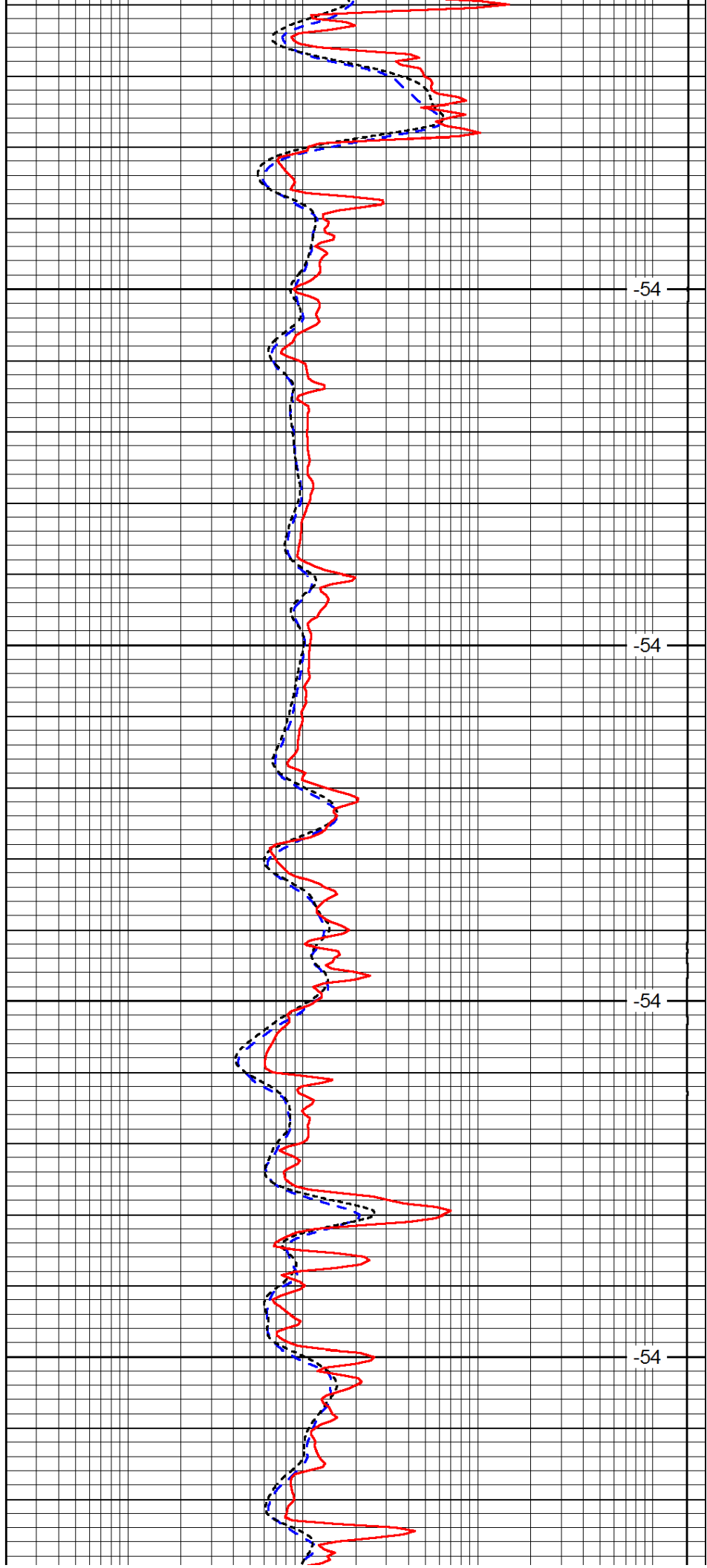


650

700

750

800

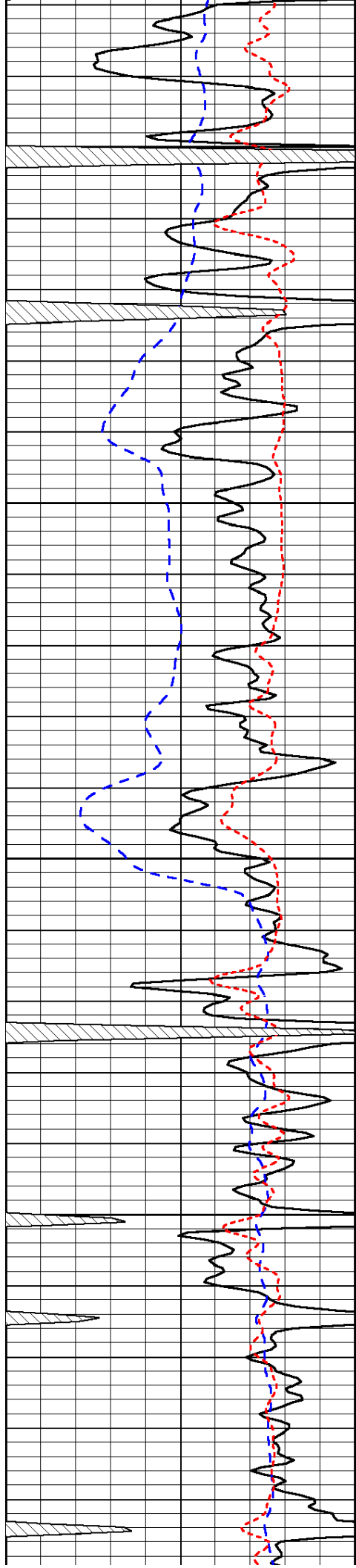


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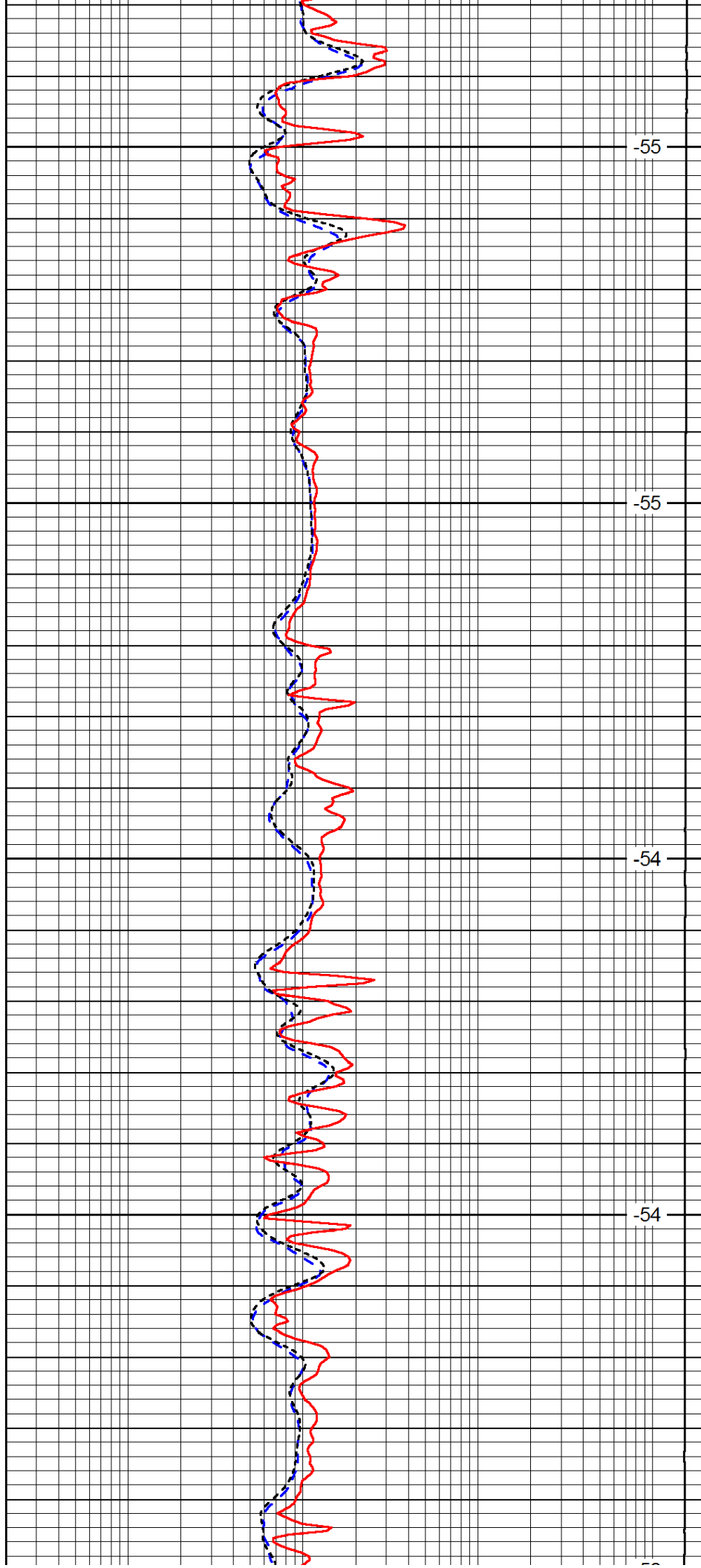
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900

950

1000

1050



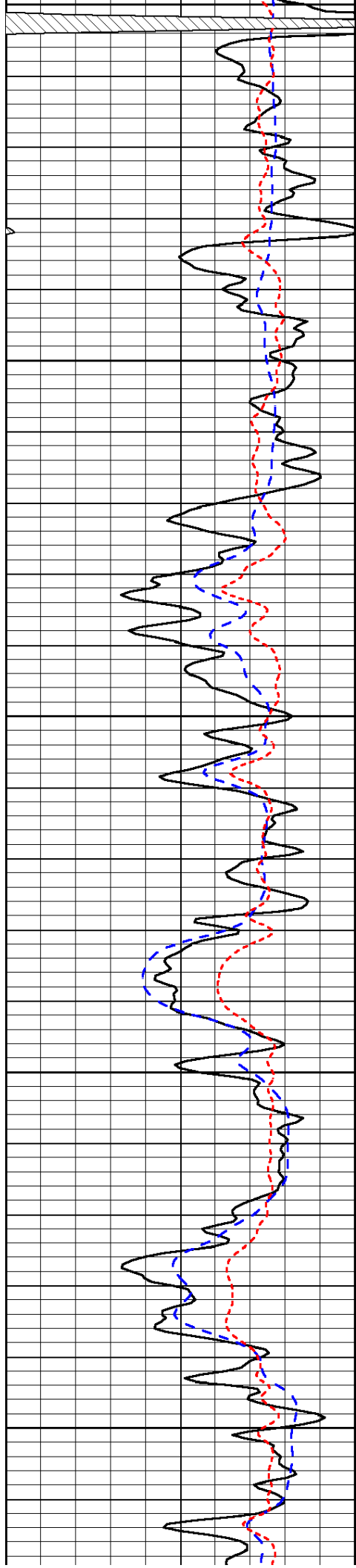
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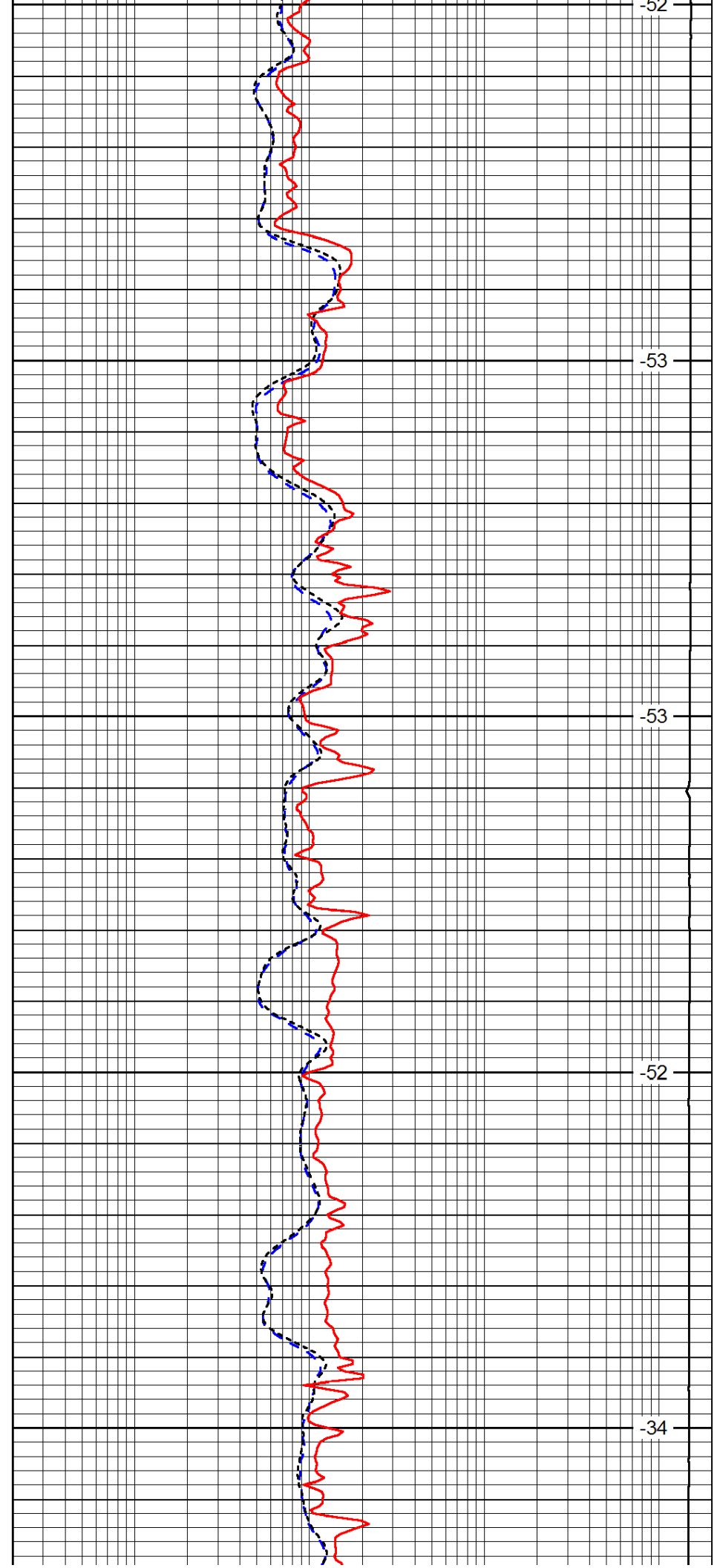
1050

1100

1150

1200

1250



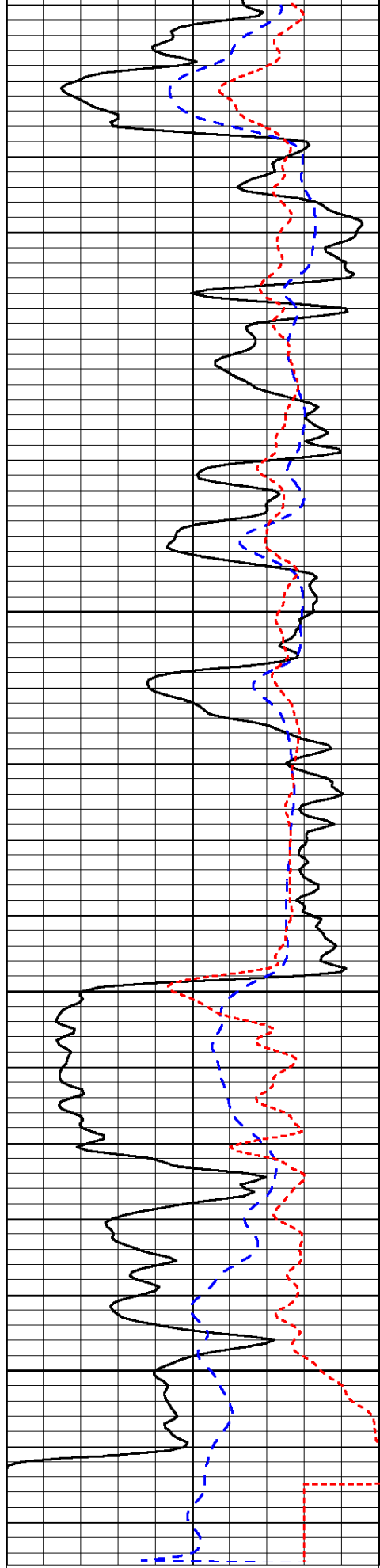
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-53

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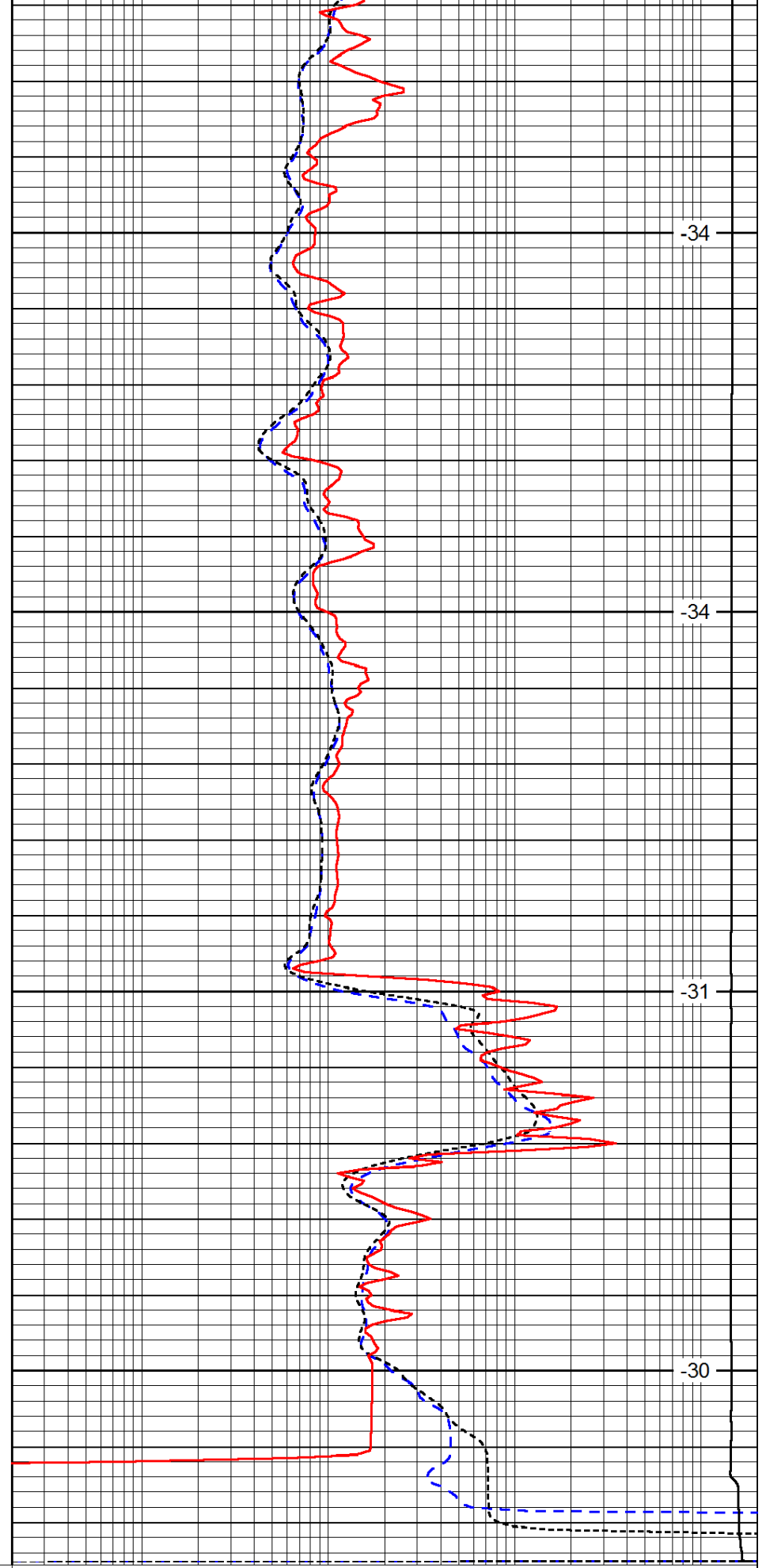
0	Gamma Ray	150
-200	SP (mV)	0
-160	Rxo / Rt	40

1300

1350

1400

1450



-34

-34

-31

-30

0.2	Deep Resistivity	2000
0.2	Medium Resistivity	2000
0.2	Shallow Resistivity	2000

15000

Line Tension

0

LSPD



DIGITAL LOG (785) 625-3858

Dual Compensated
Porosity Log

15-103-21,355-00-00

API No.

Company Daystar Petroleum, Inc.
Well H. Heim No. 8
Field Lake Stellamaris
County Leavenworth State Kansas

Location NW NE NE SE
2,430' FSL & 435' FEL
Sec: 27 Twp: 8S Rge: 21E

Permanent Datum Ground Level Elevation 1002
Log Measured From Ground Level 0 Ft. Above Perm. Datum
Drilling Measured From Ground Level

Other Services
DIL
MEL
Elevation
K.B.
D.F.
G.L. 1002

Date	5/23/2012	
Run Number	One	
Type Log	CNL / CDL	
Depth Driller	1481	
Depth Logger	1465	
Bottom Logged Interval	1444	
Top Logged Interval	00	
Type Fluid In Hole	Chemical	
Salinity, PPM CL	N/A	
Density	9.1	
Level	Full	
Max. Rec. Temp. F	91	
Operating Rig Time	3 Hours	
Equipment -- Location	108 Hays	
Recorded By	J. Long	
Witnessed By	David Griffin	

Borehole Record

Run No.	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	42	8.625	24#	00	42
2	7.875	42	1481				

Casing Record

<<< Fold Here >>>

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Comments

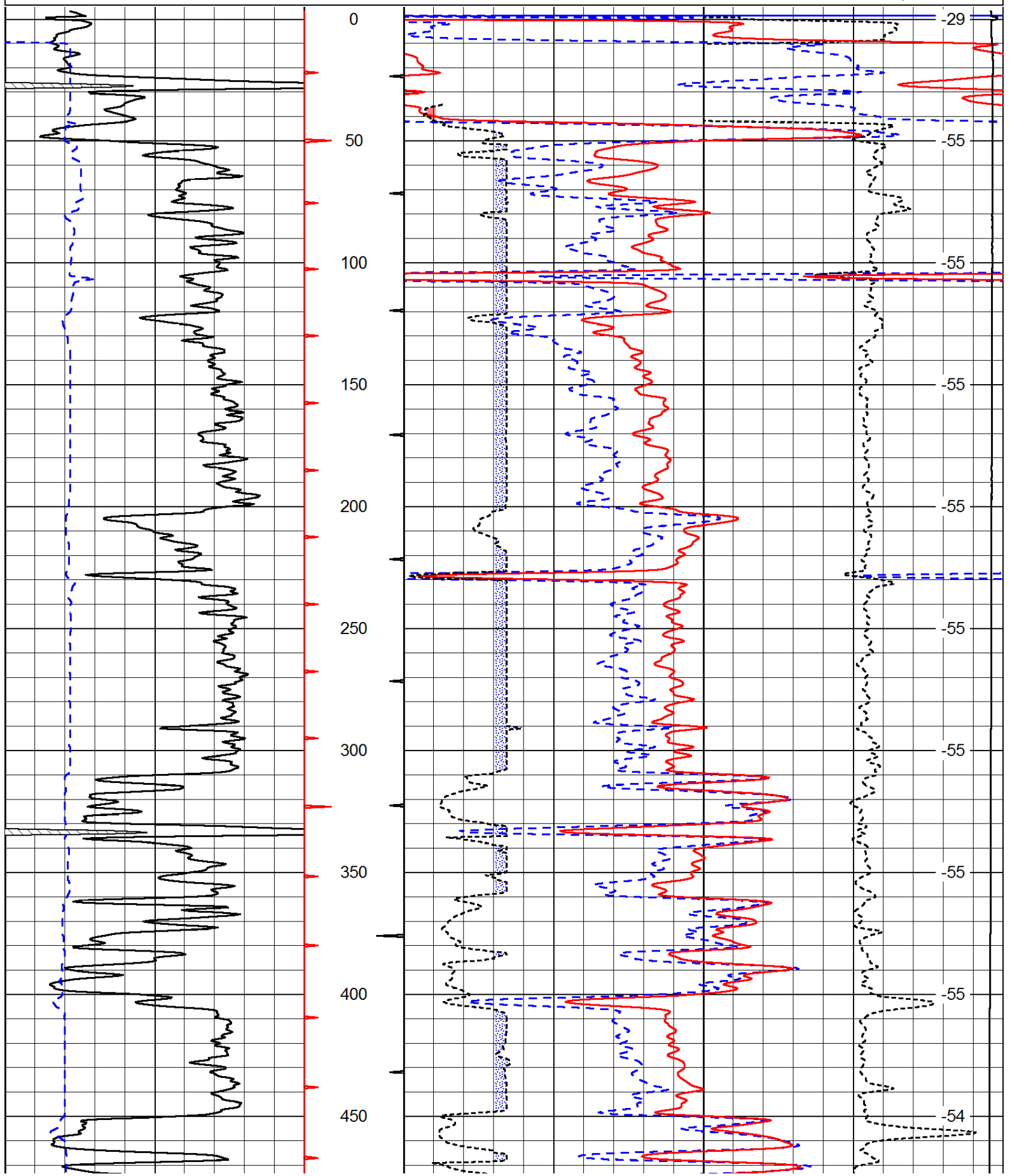
Thank you for using Log-Tech, Inc.
(785) 625-3858

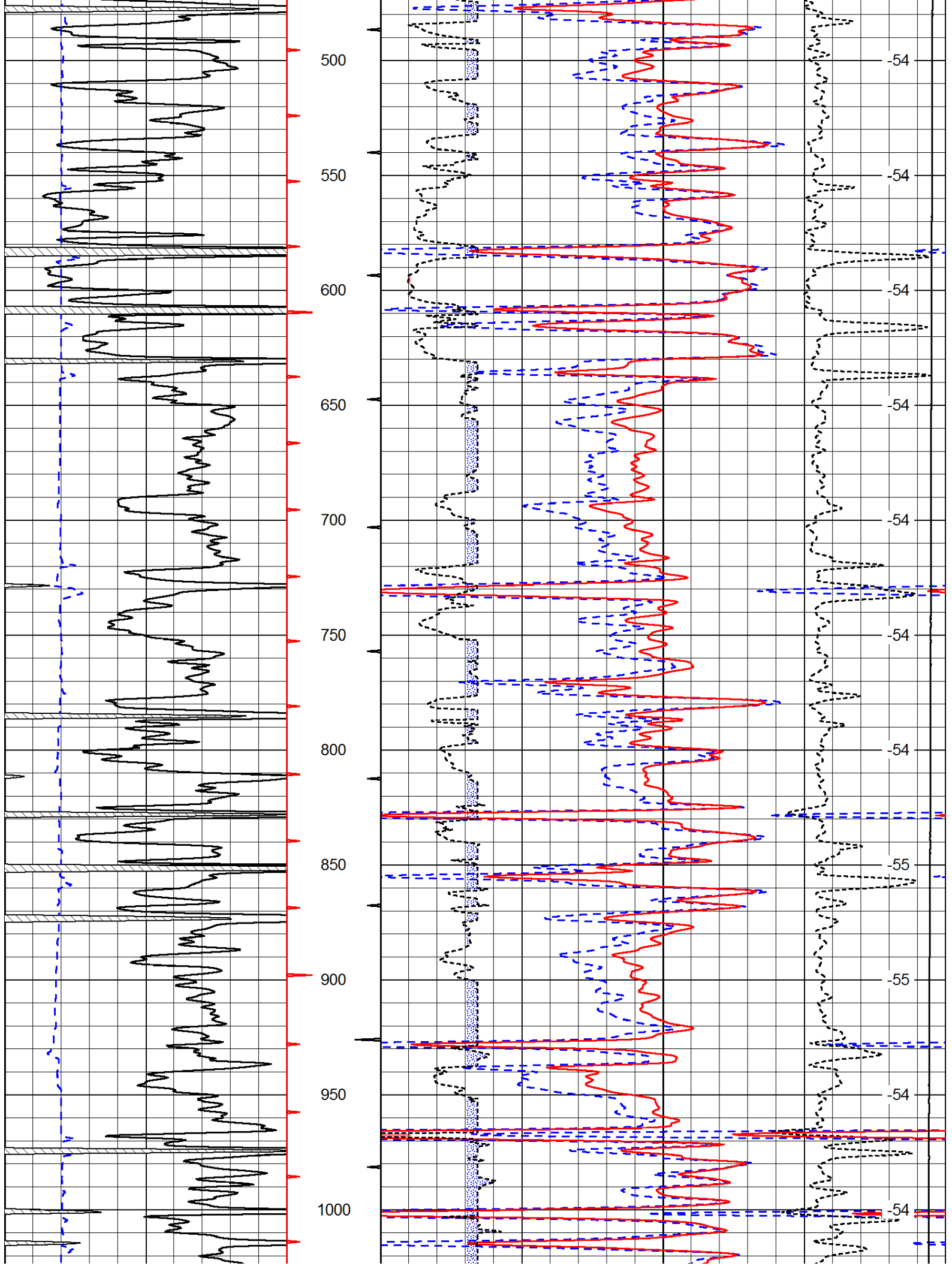
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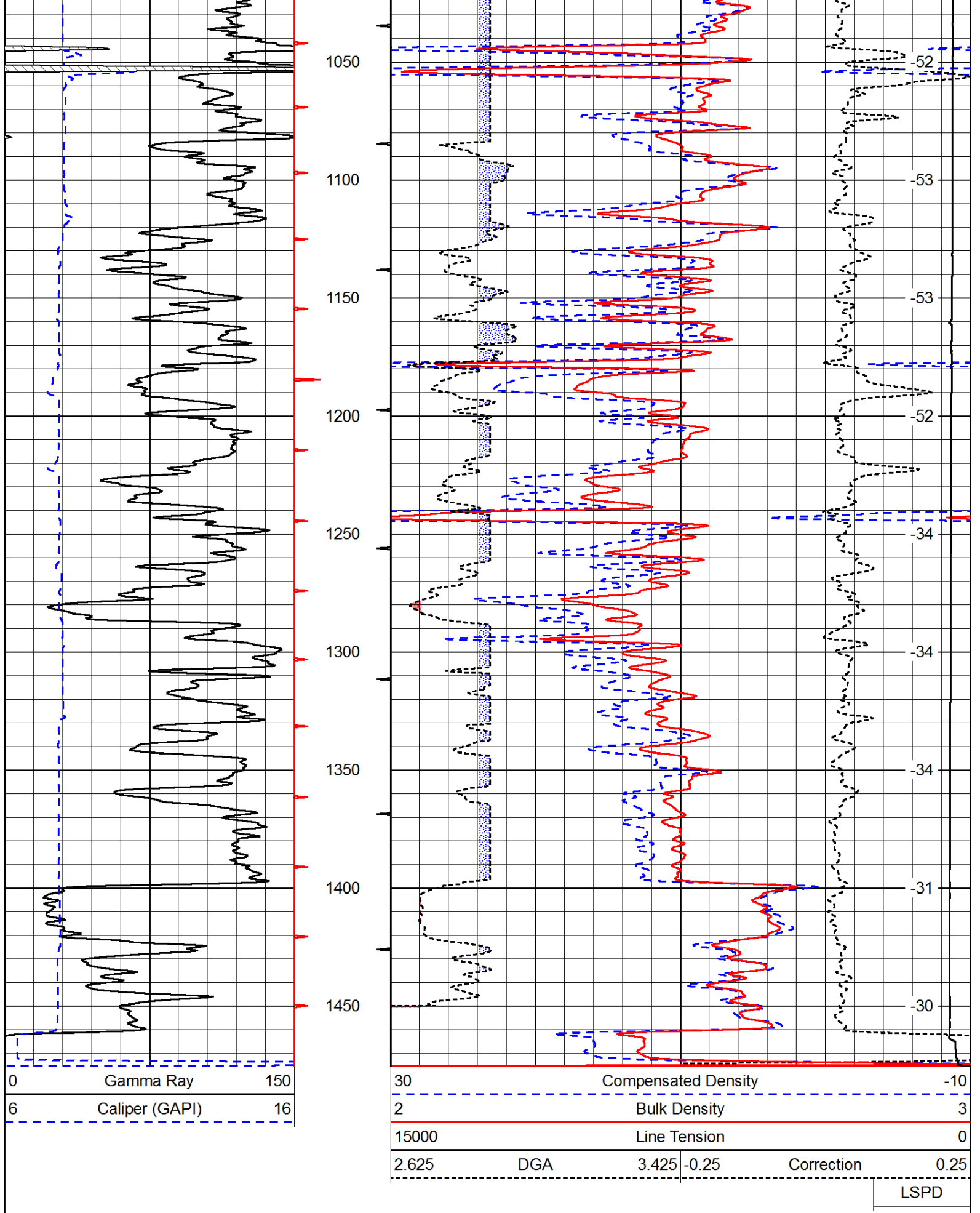
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 Dataset Pathname: dil/daystck
 Presentation Format: cdl
 Dataset Creation: Wed May 23 09:43:18 2012
 Charted by: Depth in Feet scaled 1:600

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
			0.25
LSPD			



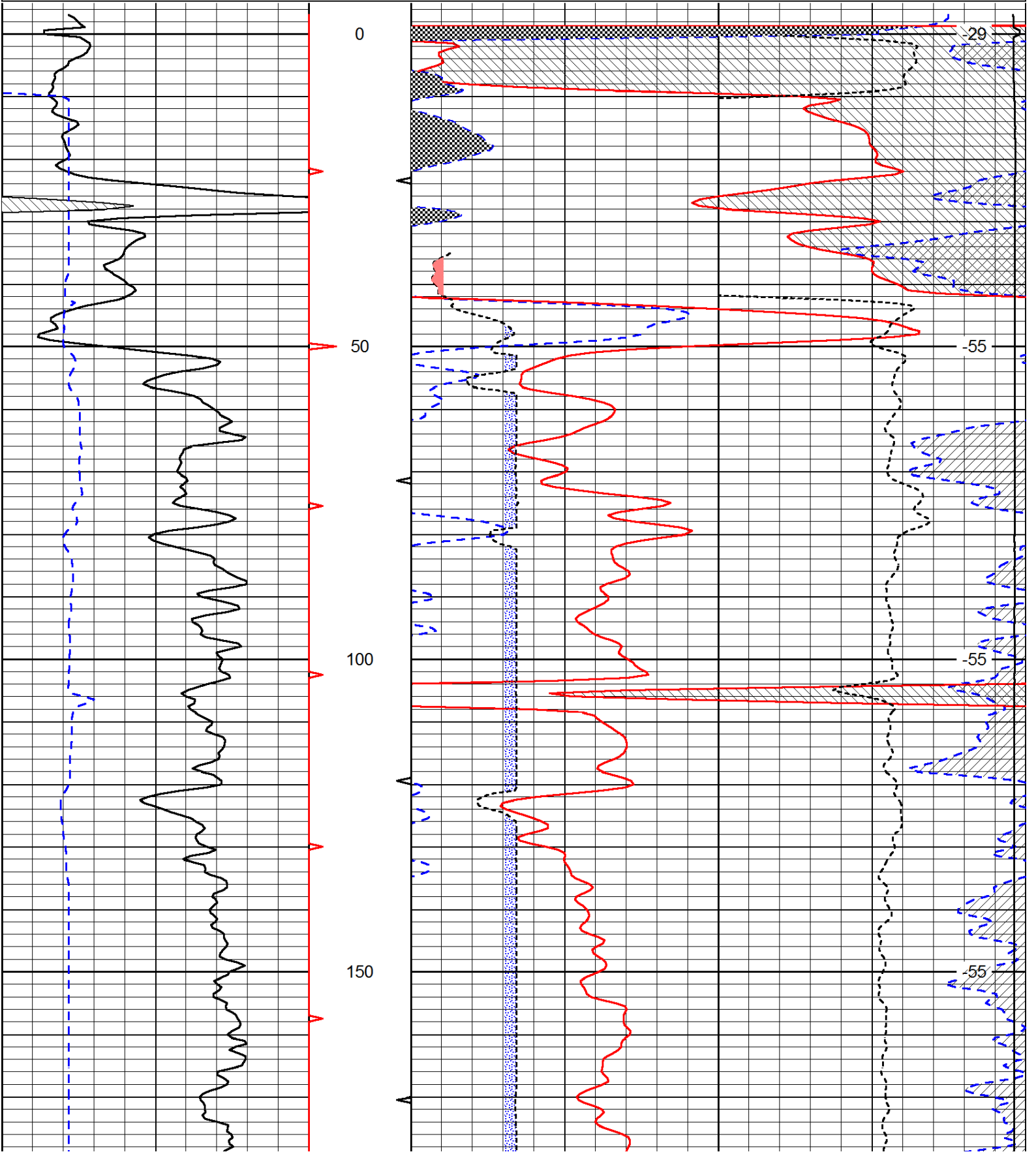


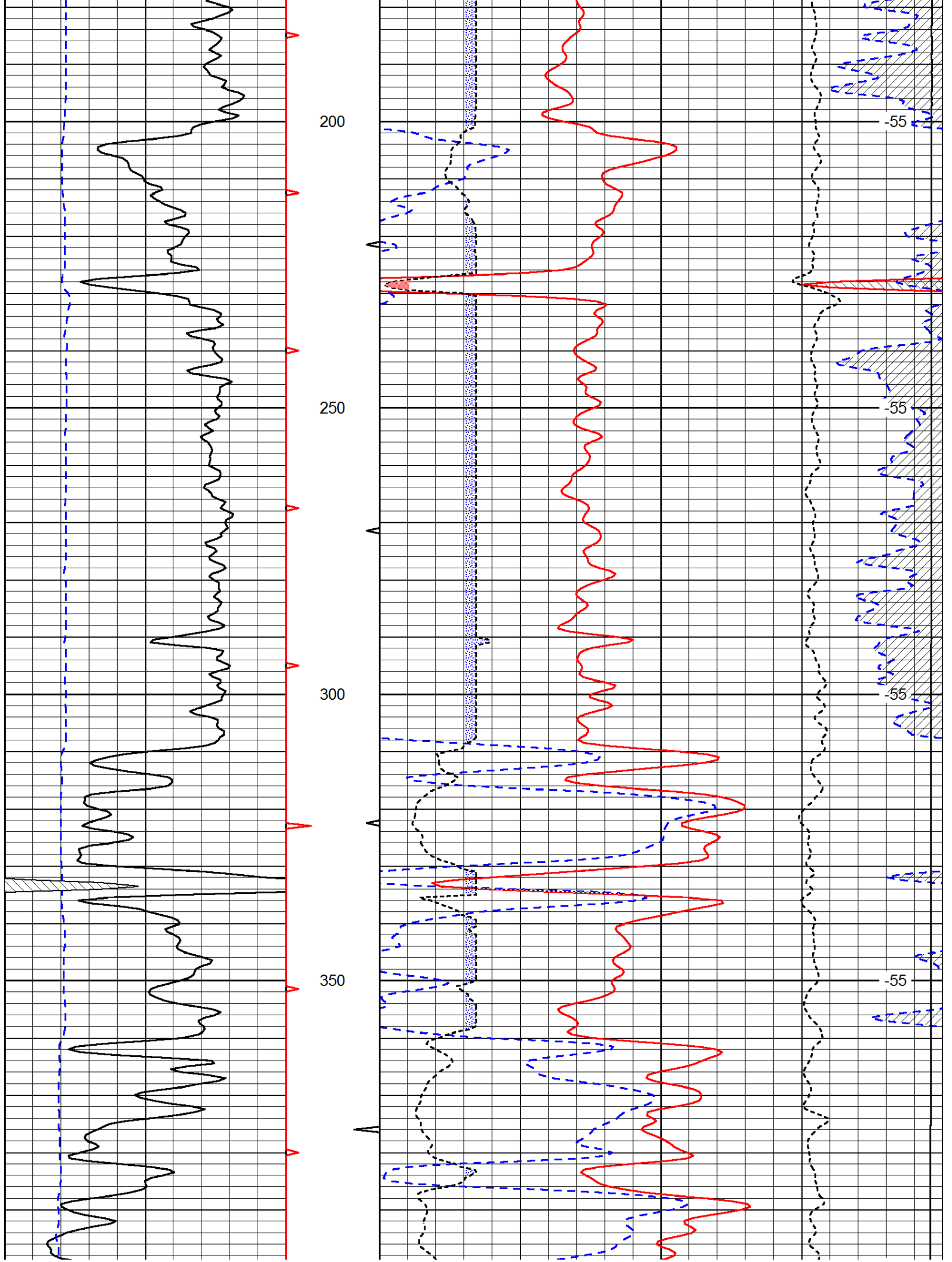


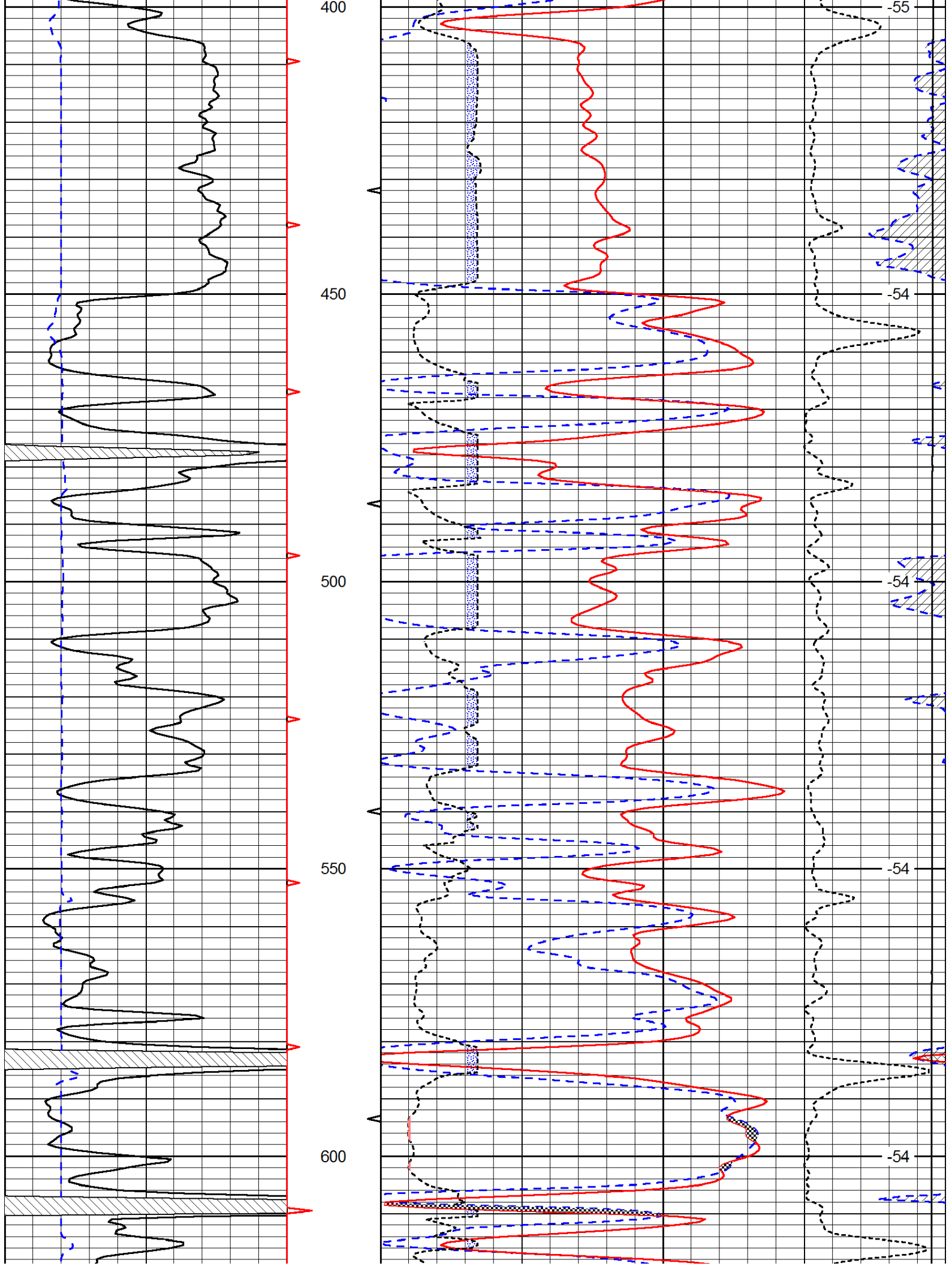
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6	Caliper (GAPI)	16

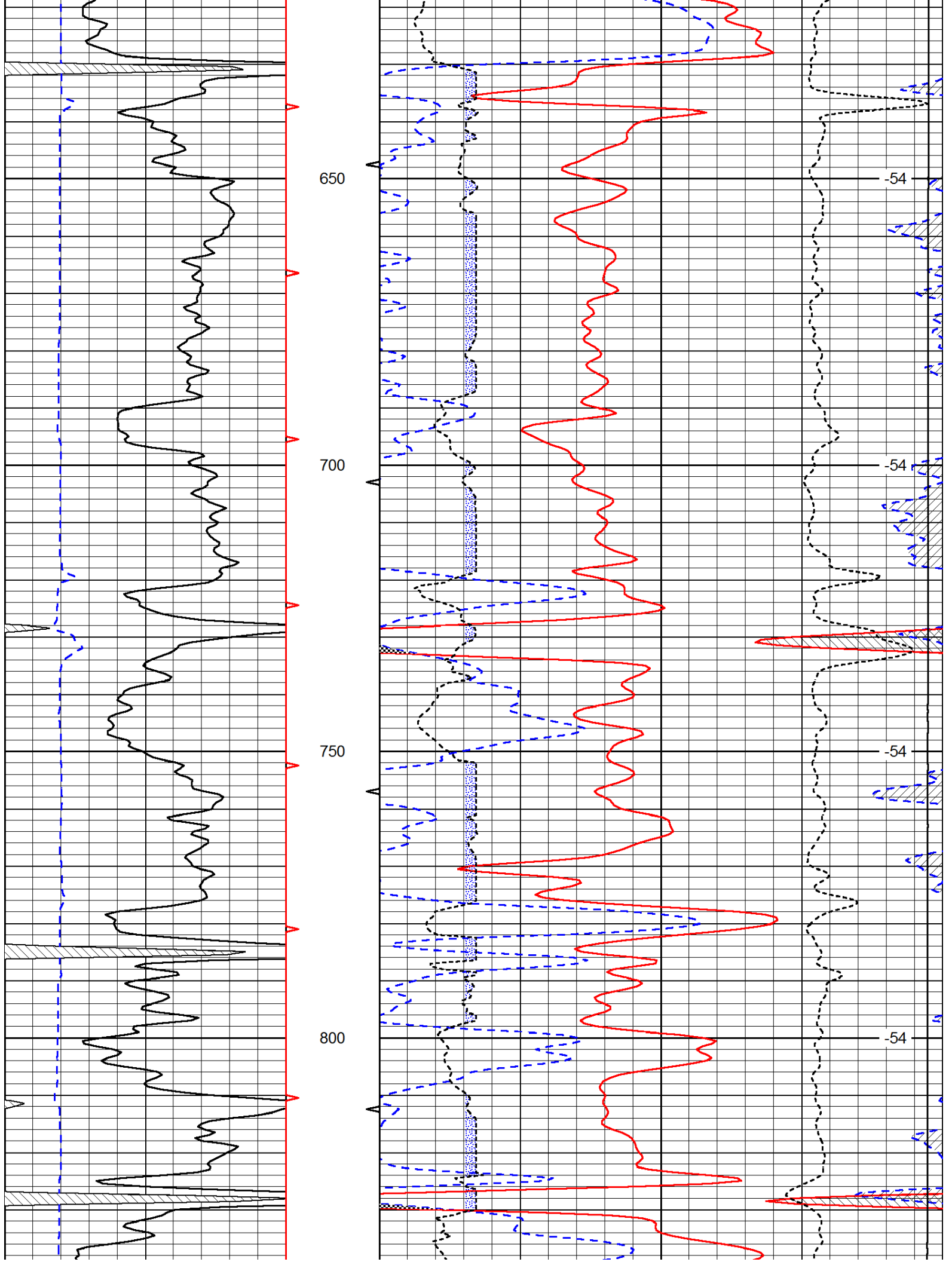
30	Compensated Neutron (Limestone)		-10
30	Compensated Density (Limestone)		-10
2.625	DGA	3.425	-0.25
Correction		0.25	
15000	Line Tension		0

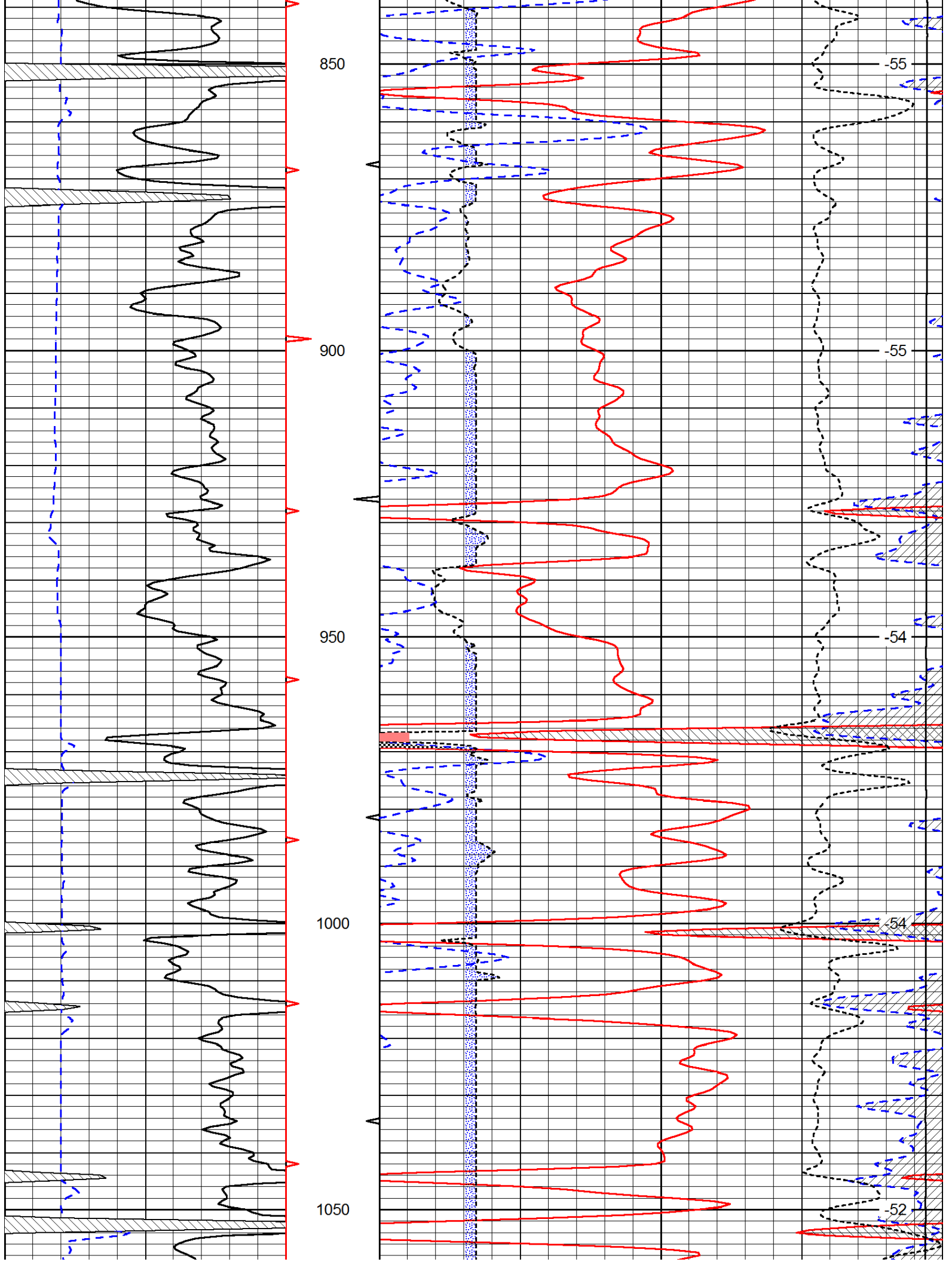
LSPD

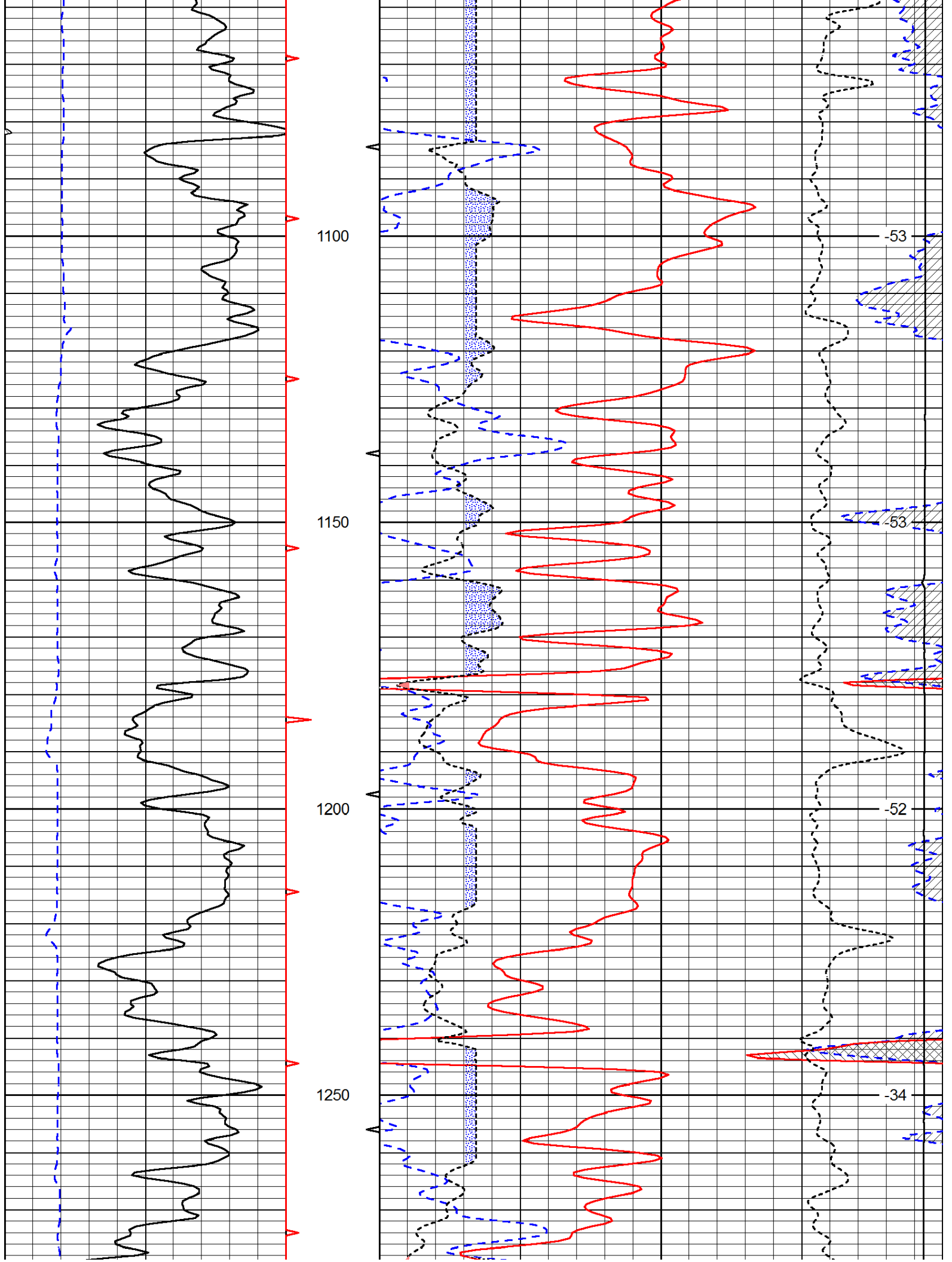


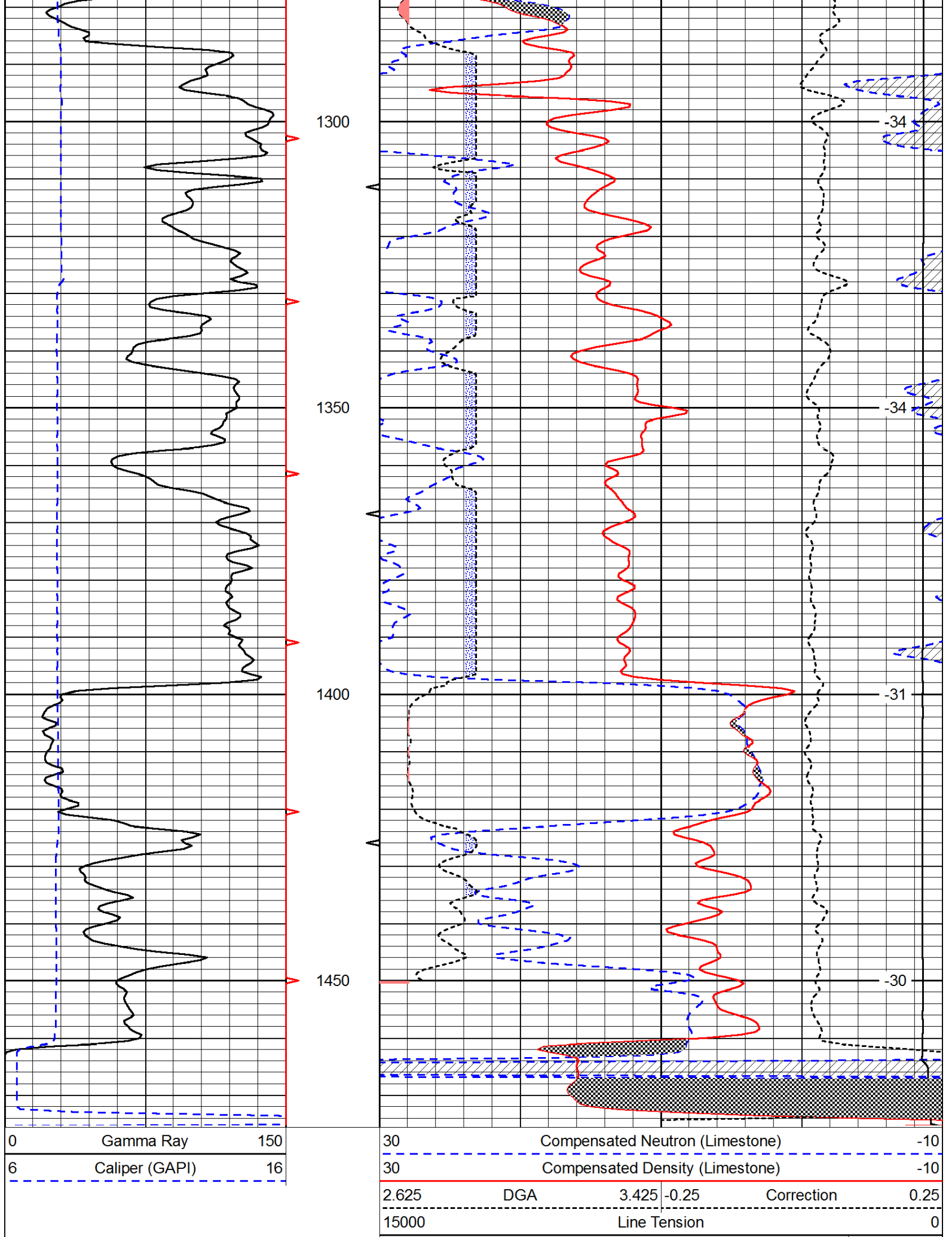


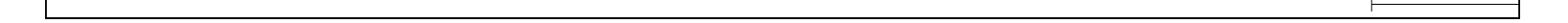














DIGITAL LOG (785) 625-3858

Microresistivity Log

15-103-21,355-00-00

API No.

Company Daystar Petroleum, Inc.

Well H. Heim No. 8

Field Lake Stellamaris

County LeavenworthState

Kansas

Location

NW/NE NE SE
2,430' FSL & 435' FEL

Other Services
CNL/CDL
DIL

Sec: 27

Twp: 8S

Rge: 21E

Elevation

Permanent Datum Ground Level Elevation 1002
Log Measured From Ground Level 0 Ft. Above Perm. Datum
Drilling Measured From Ground Level

K.B.
D.F.
G.L. 1002

Date 5/23/2012

Run Number Two

Depth Driller 1481

Depth Logger 1465

Bottom Logged Interval 1464

Top Log Interval 00

Casing Driller 8.625 @ 42

Casing Logger 40

Bit Size 7.875

Type Fluid in Hole Chemical

Salinity, ppm CL N/A

Density / Viscosity 9.1 44

pH / Fluid Loss N/A N/A

Source of Sample Flowline

Rm @ Meas. Temp N/A @ N/A

Rmf @ Meas. Temp N/A @ N/A

Rmc @ Meas. Temp N/A @ N/A

Source of Rmf / Rmc Charts

Rm @ BHT N/A @ 91

Operating Rig Time 3 Hours

Max Rec. Temp. F 91

Equipment Number 108

Location Hays

Recorded By J. Long

Witnessed By David Griffin

<<< 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

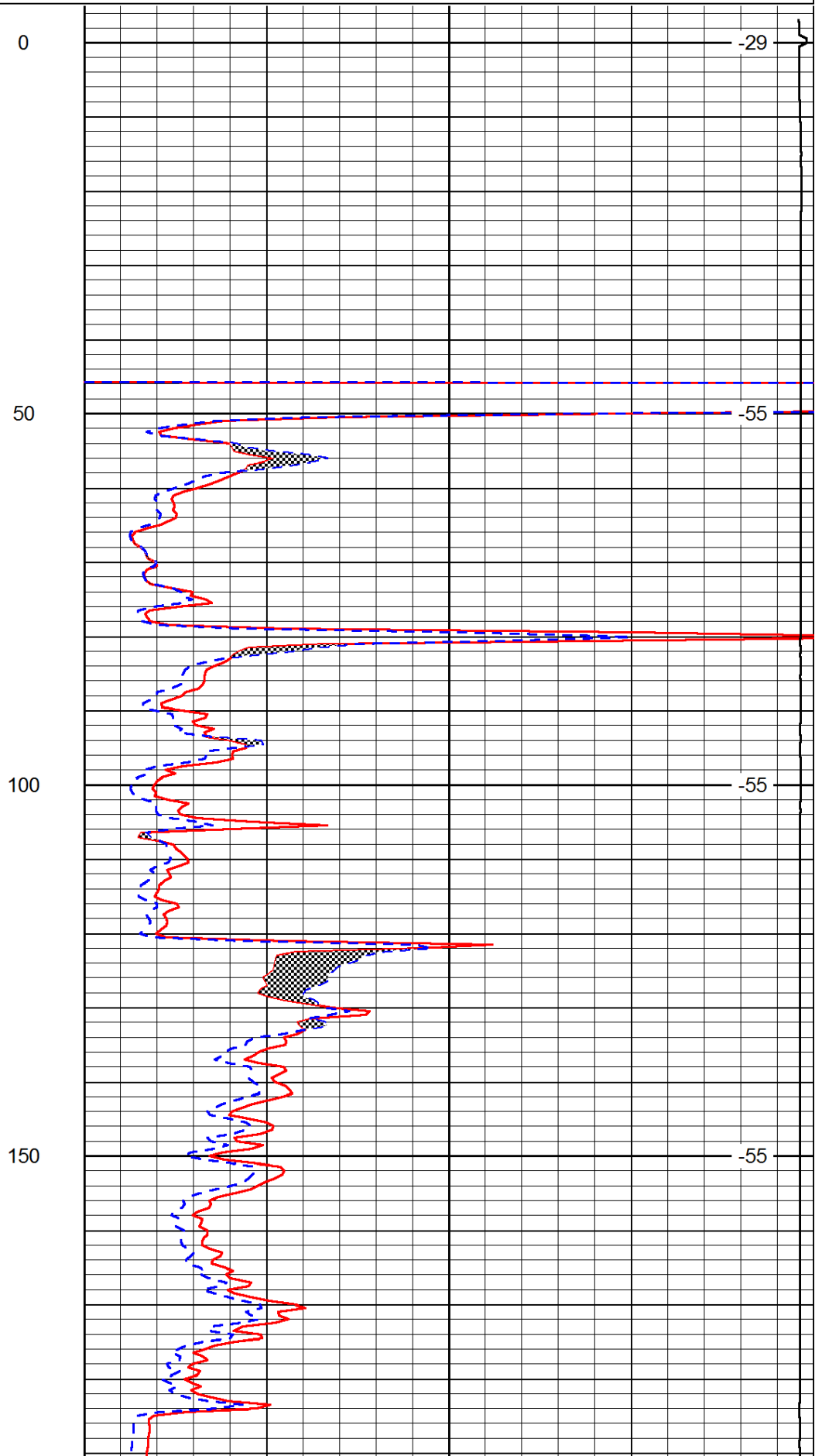
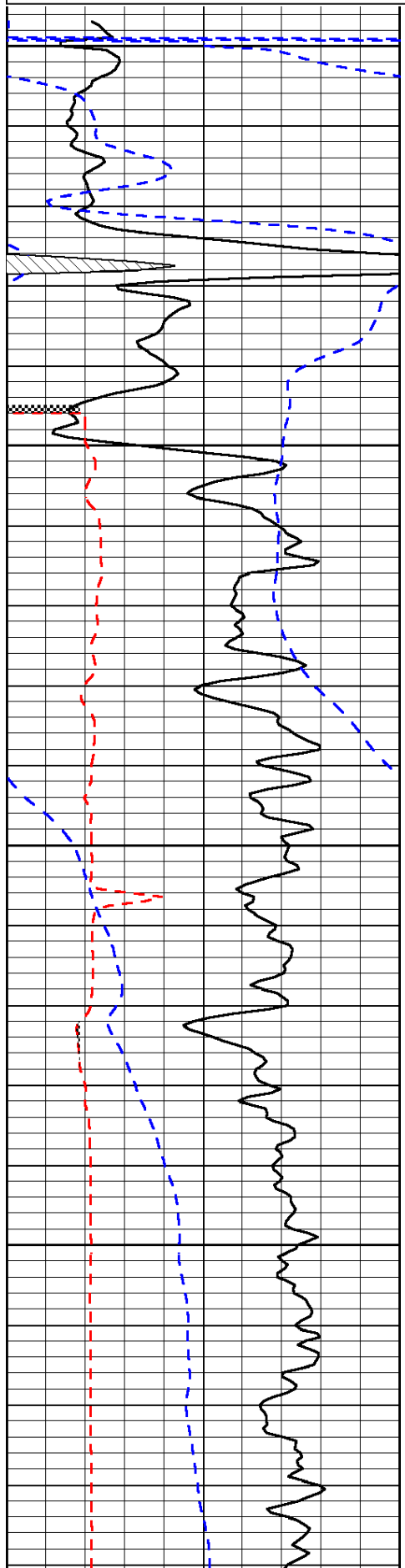
McLouth, Follow Highway 92 North and East to 207 Road, 2.4 North, East Into to Farm House, Continue, East through Gate to Location

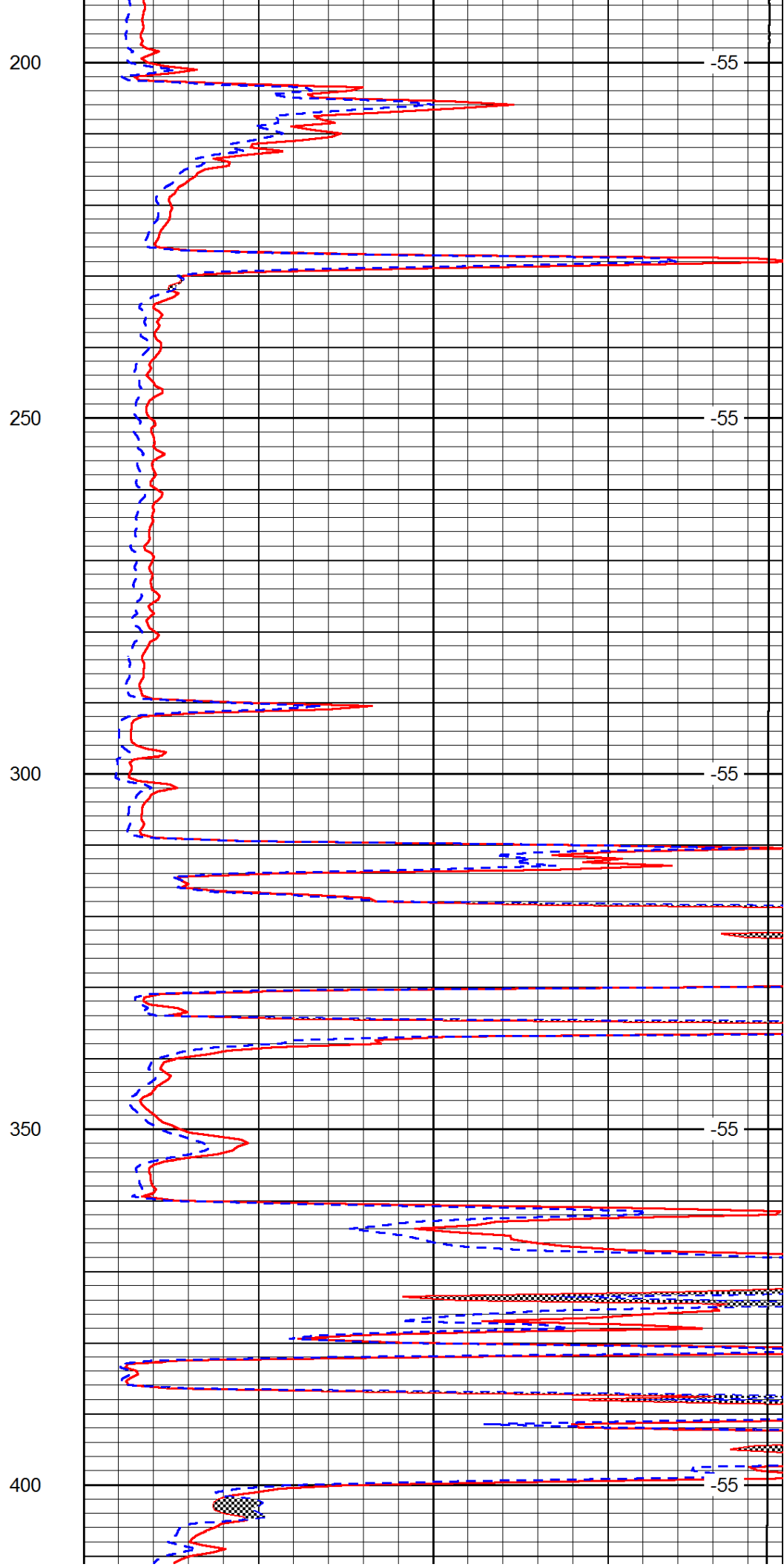
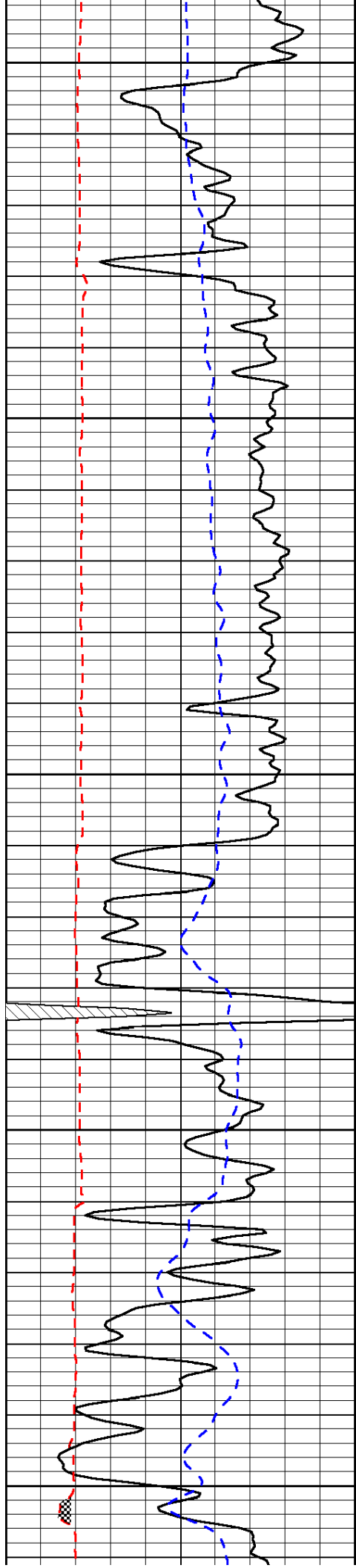
Database File: c:\warrior\data\daystar_h. heim no. 8\daystar_h_heim_8hd.db
Dataset Pathname: dil/daystck
Presentation Format: micro
Dataset Creation: Wed May 23 09:43:18 2012
Charted by: Depth in Feet scaled 1:240

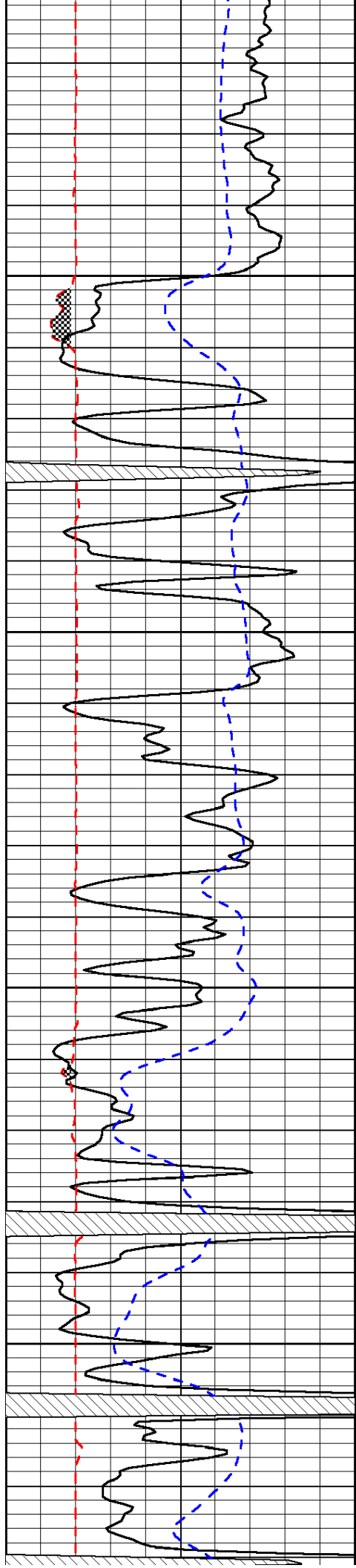
0	Gamma Ray	150
6	Micro Log Caliper (GAPI)	16
-200	SP (mV)	0

0	Micro Inverse 1 X 1	40
0	Micro Normal 2"	40
15000	Line Weight	0

LSPD





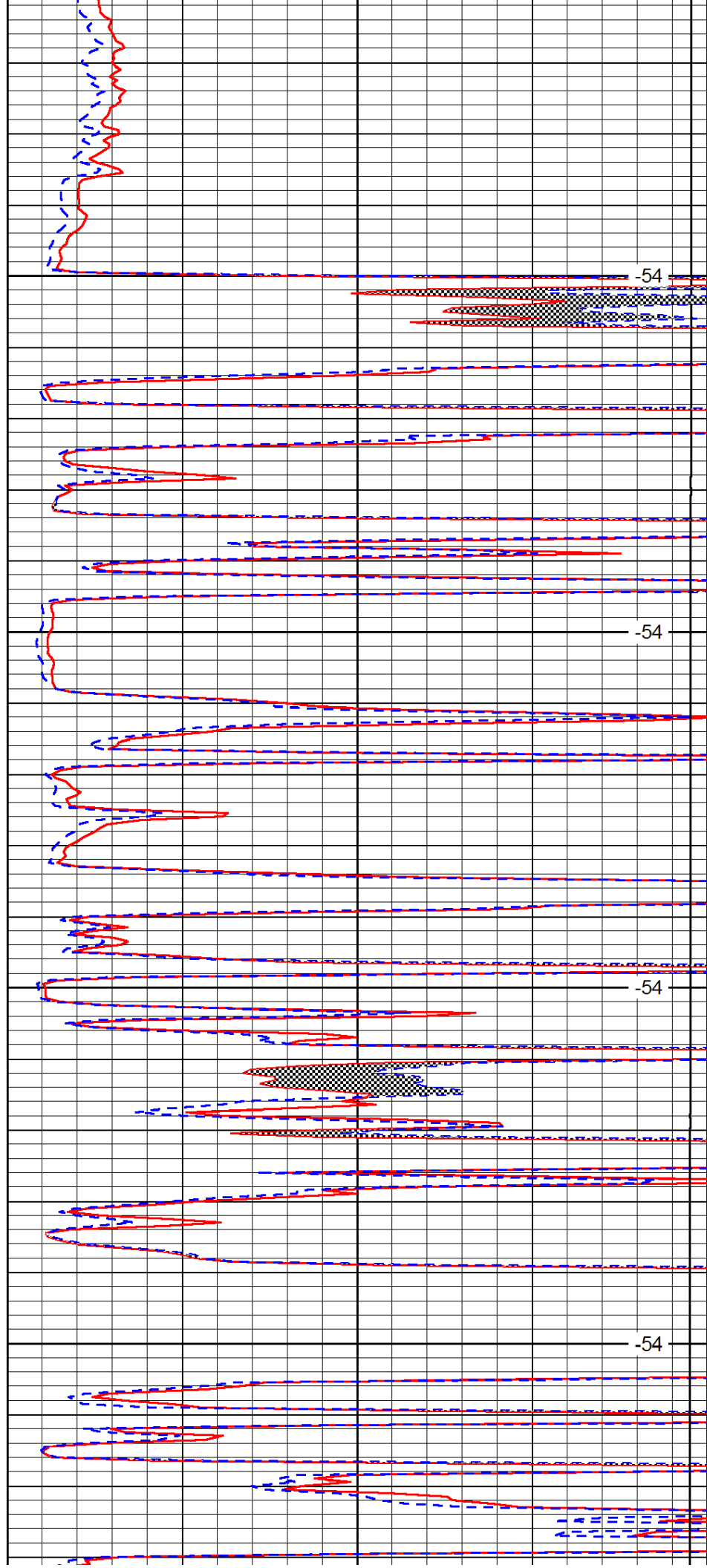


450

500

550

600

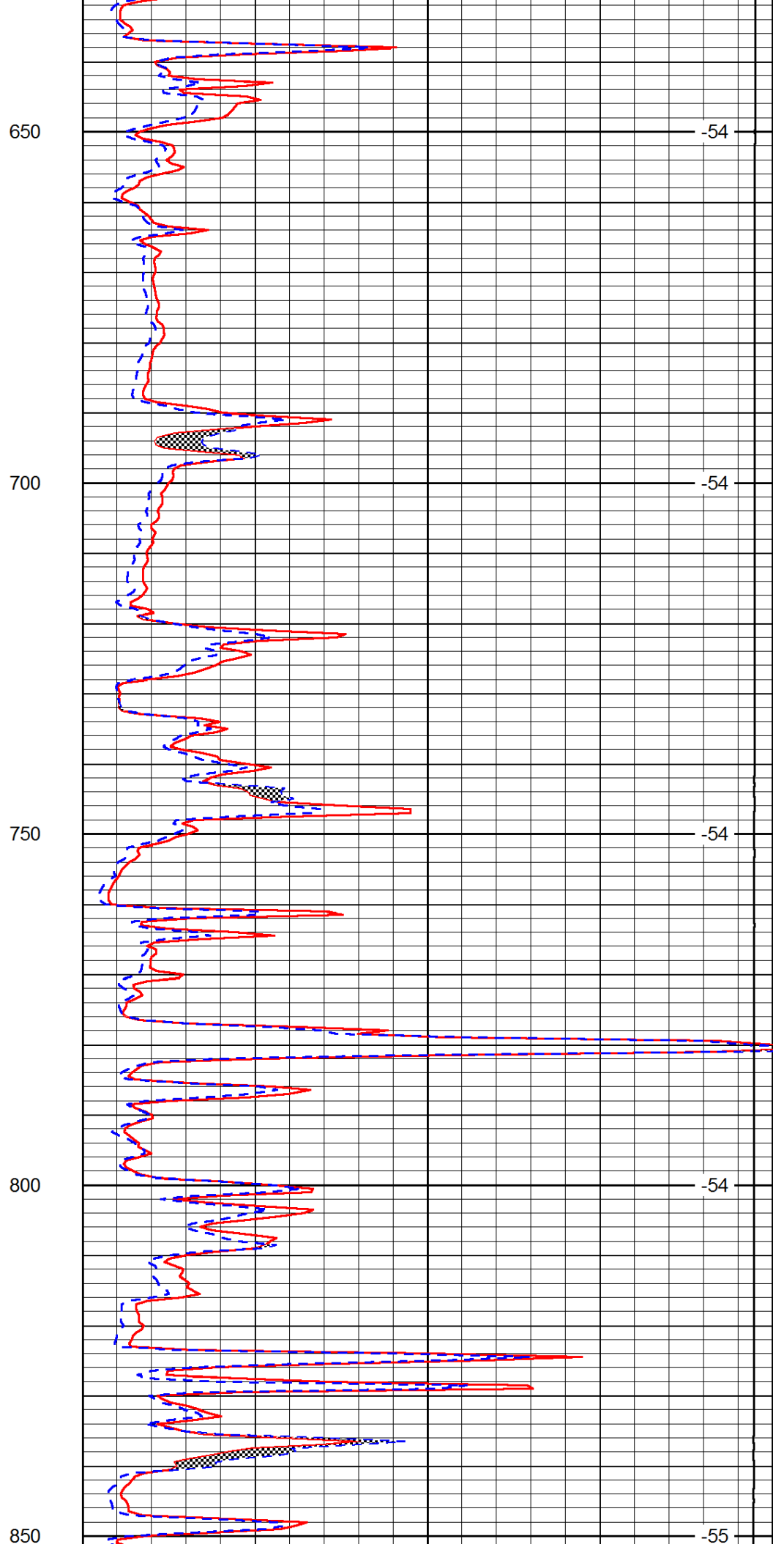
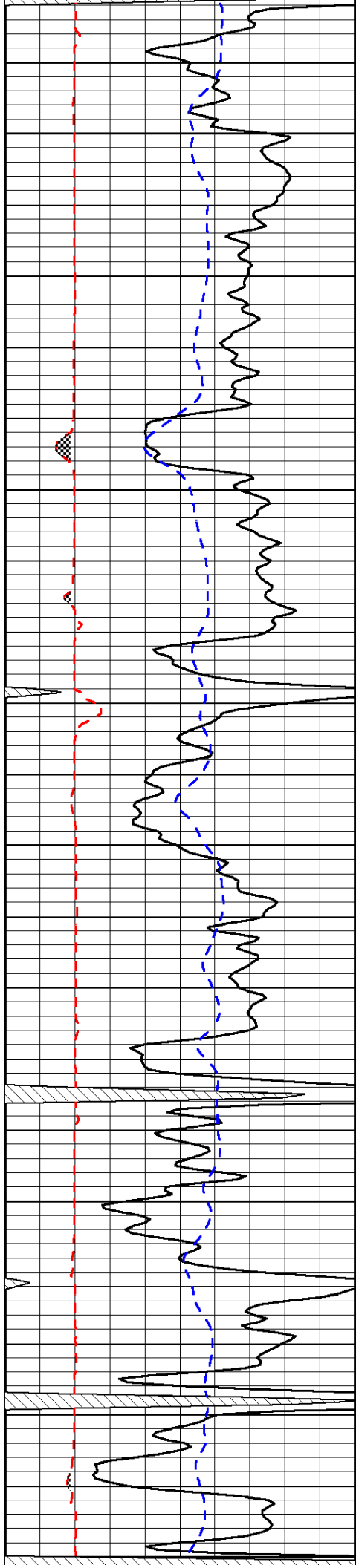


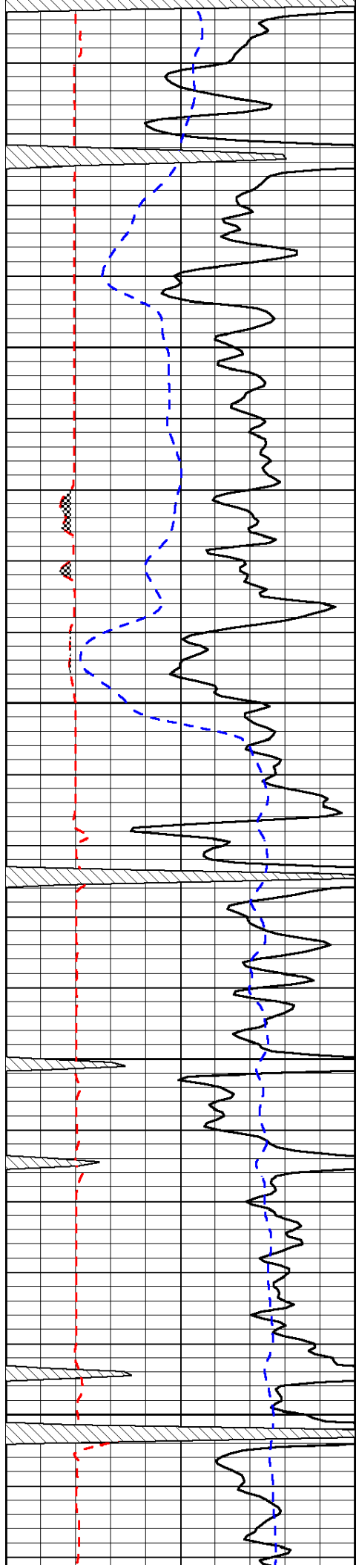
-54

-54

-54

-54





900

-55

950

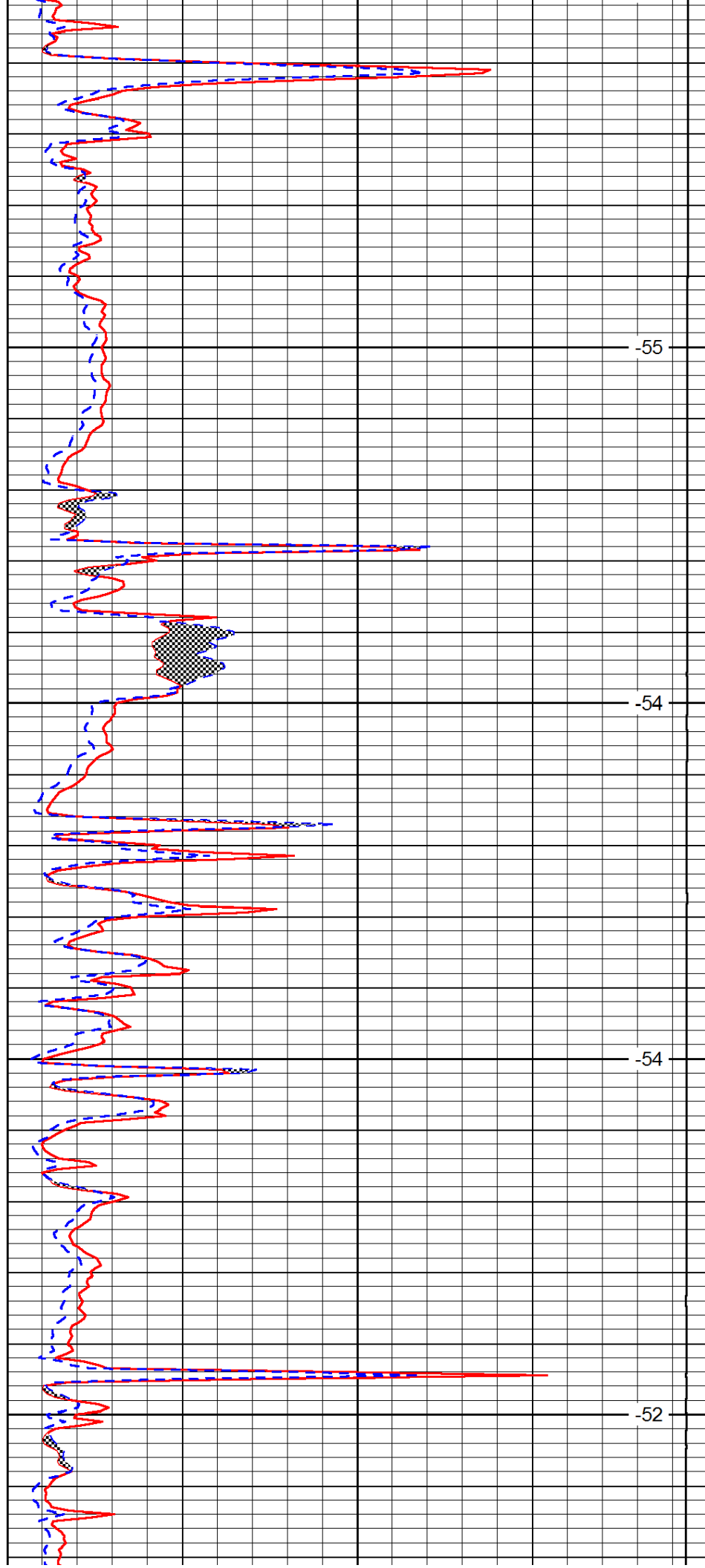
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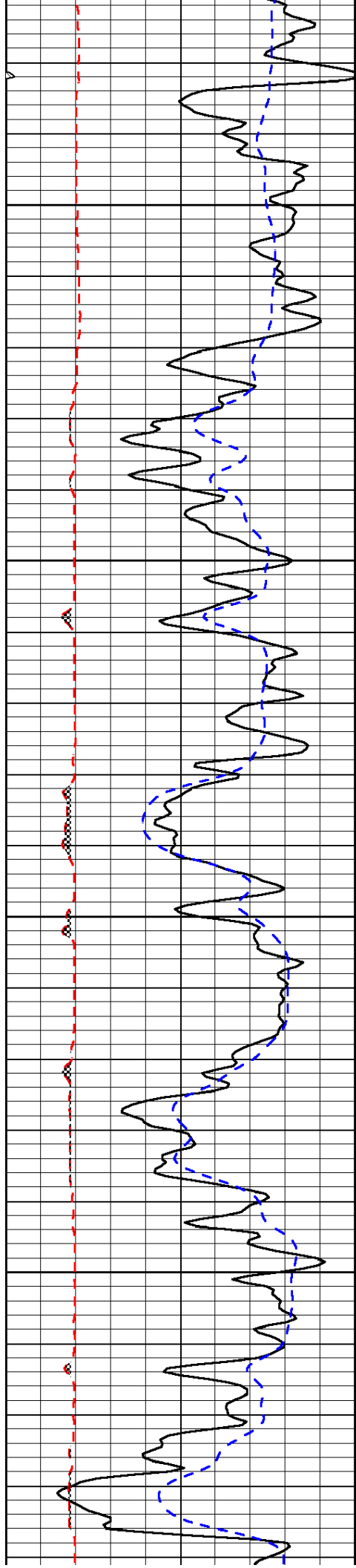
1000

-54

1050

-52



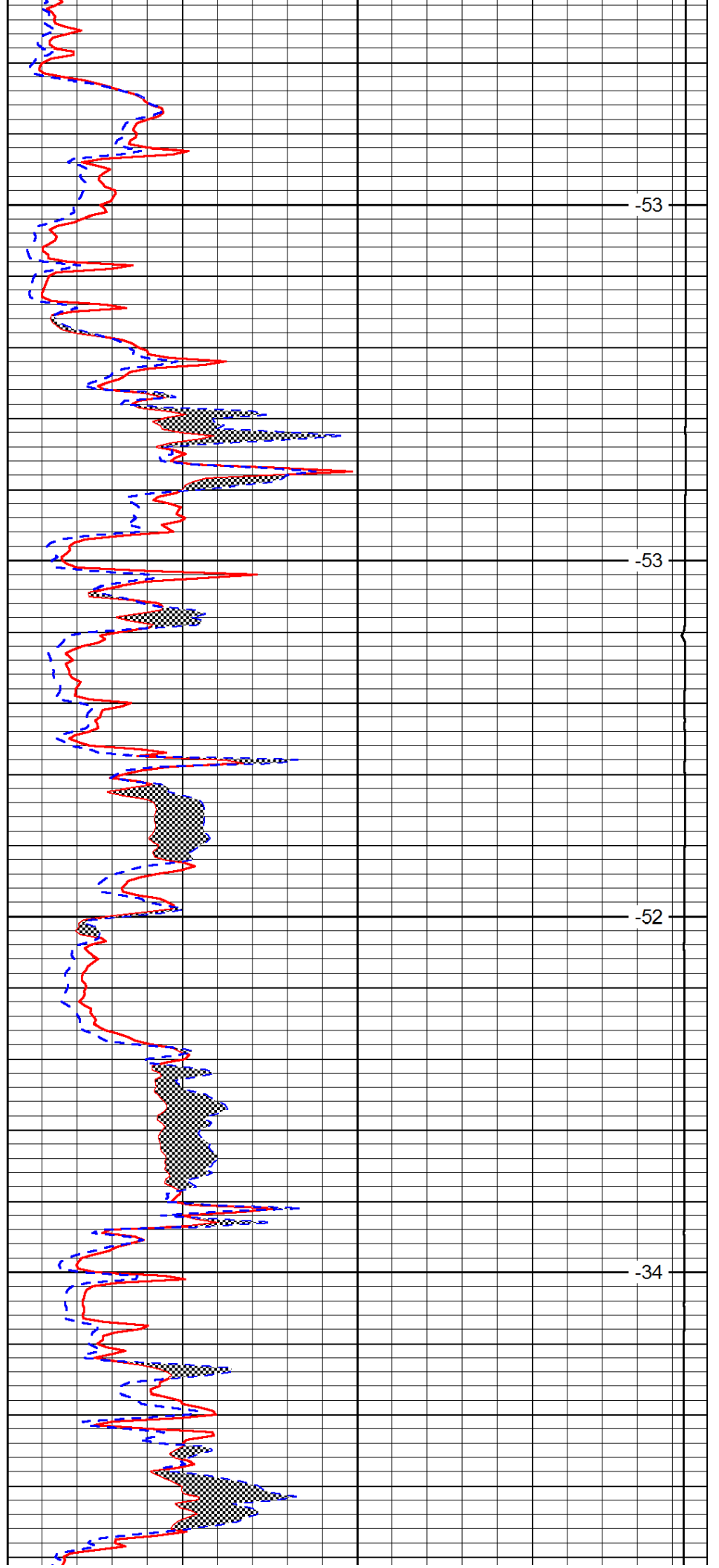


1100

1150

1200

1250

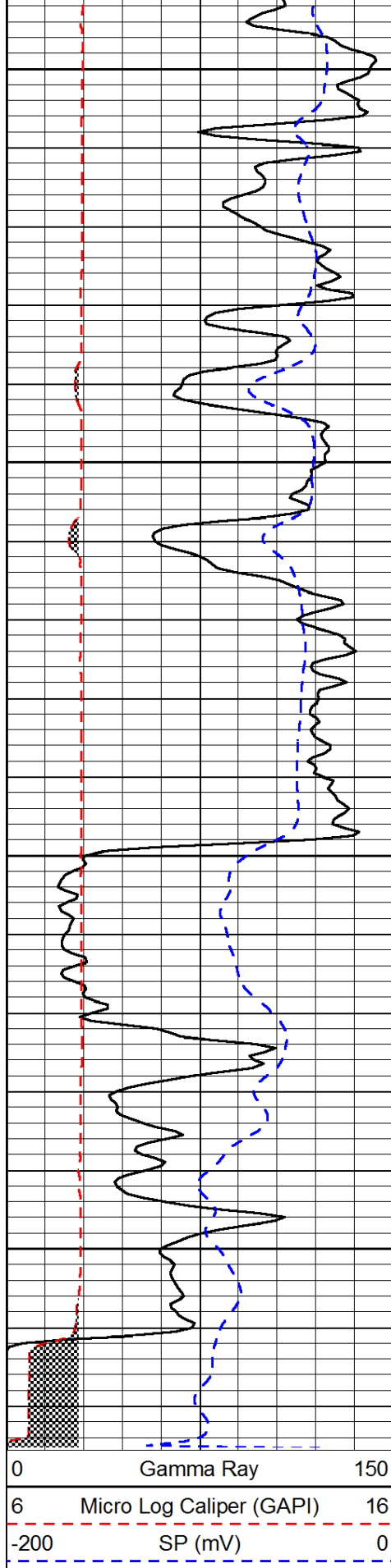


-53

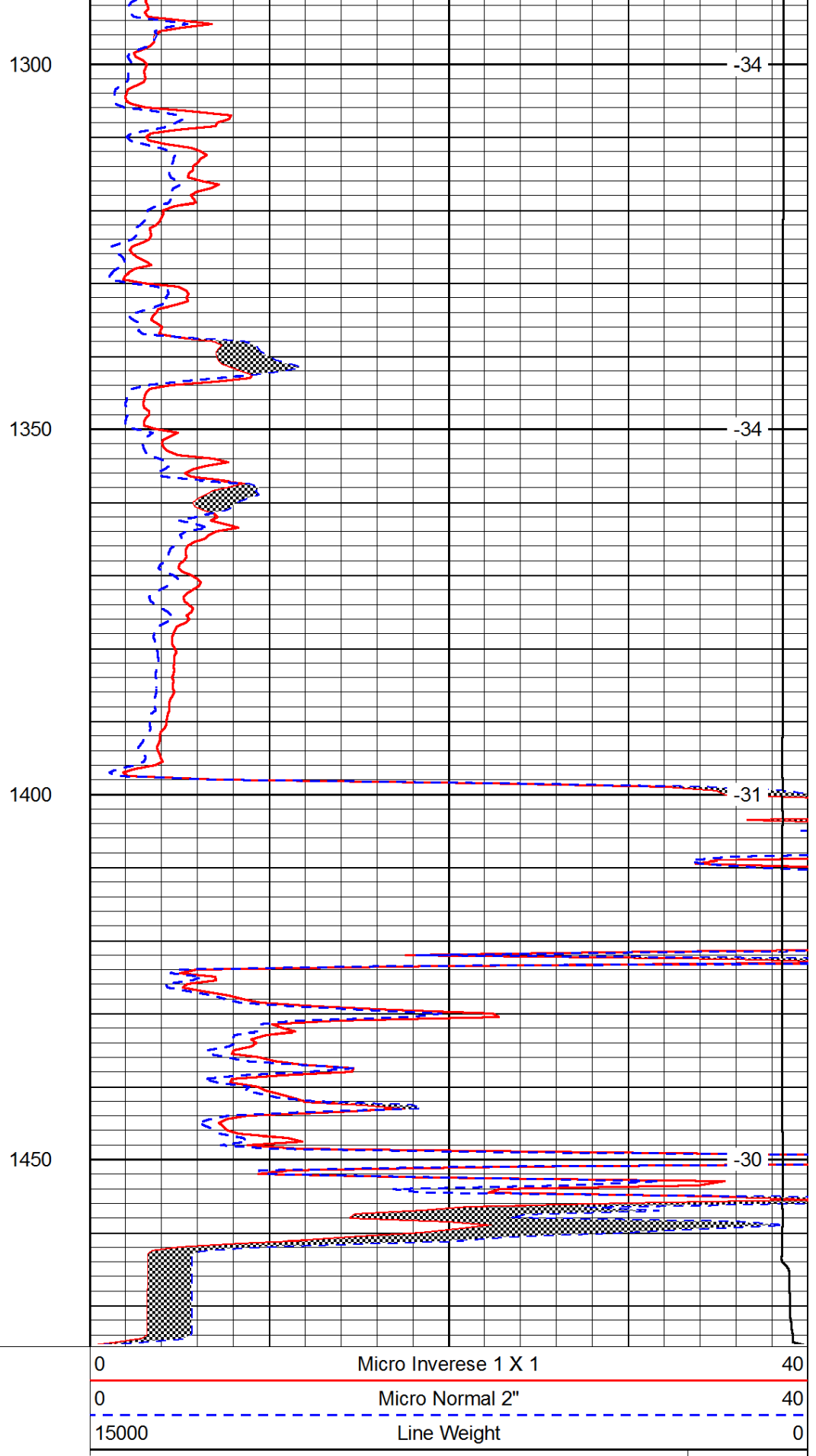
-53

-52

-34



0	Gamma Ray	150
6	Micro Log Caliper (GAPI)	16
-200	SP (mV)	0



0	Micro Inverse 1 X 1	40
0	Micro Normal 2"	40
15000	Line Weight	0

LSPD

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/>

Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

June 26, 2012

Matt Osborn
Daystar Petroleum, Inc.
522 N. MAIN ST
PO BOX 560
EUREKA, KS 67045-0560

Re: ACO1
API 15-103-21355-00-00
H. Heim 8
SE/4 Sec.27-08S-21E
Leavenworth 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,
Matt Osborn

