



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1070681  
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: \_\_\_\_\_

1070681

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  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				

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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	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

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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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

January 09, 2012

Tom Denning  
TDI, Inc.  
1310 BISON RD  
HAYS, KS 67601-9696

Re: ACO1  
API 15-051-26184-00-00  
Pfeifer 1  
SE/4 Sec.27-14S-18W  
Ellis 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,  
Tom Denning

HERB DEINES  
CONSULTING GEOLOGIST  
108 W. 35th ST.  
PH. 785-625-3380  
HAYS, KS 67601

COMPANY TDI, Inc  
WELL Refers # 1  
FIELD  
COUNTY Ellis STATE Kansas  
LOCATION  
1750' E 1/4 + 1700' E 1/4, Sec 4  
OF 204th  
R 20th S  
Log Tech  
SEC 27 TWP 14 S ROE 18 W  
Log 204th

1. Dual Tubing Logging  
2. Dual Compensated Density Log  
3. Dual Gamma Ray Log  
Contractor Southland Drilling Inc. Rts # 1  
Commenced 10-03-2011  
R/D 9750' - 808' B/L  
LTD 3748' / 150285 (Common) 2% GA, 13% SC  
Surface casing 8 5/8" SST to 283' w/ 150285 (Common) 2% GA, 13% SC  
Production casing

Date	Depth	Activity	Date	Depth	Activity
9-28-11	575'	R/S, prod. strip			
9-29-11	2120'	0.4h			
10-01-11	2810'	B/L			
10-01-11	3385'	B/L			
10-03-11	3750'	R/D Log, P/A			

REMARKS: Recommendation To plug & Abandon well due To low STAVITINE & Lack of shows of hydrocarbons.

Bit Record

Make	Type	Serial No.	Nozzles	Depth In	Depth Out	Hours

Formation Sample Log Datum \* Formation Sample Log Datum \*

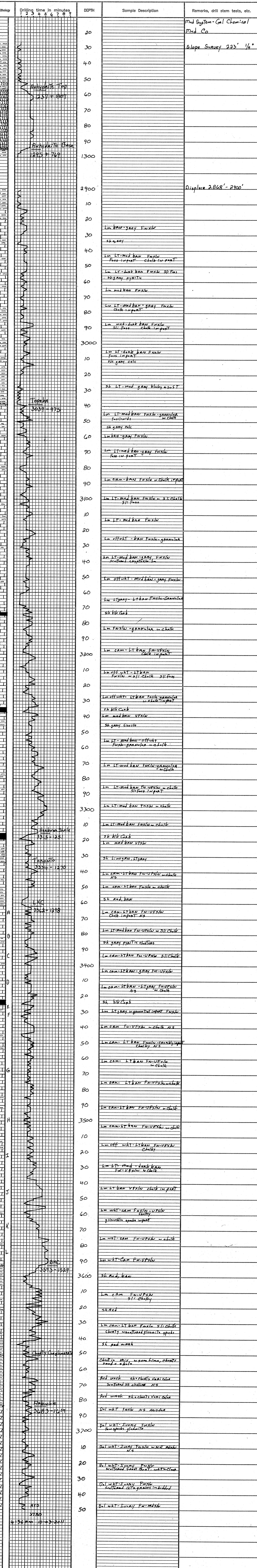
Anhydrite Top	1257	1254	+ 810				
Anhydrite Base	1295	1291	+ 773				
Topokha	3039	3039	- 975				
Heaborn Shale	3315	3314	- 1250				
Toronto	3337	3334	- 1270				
LKC	3362	3360	- 1278				
BHC	3593	3590	- 1526				
Charly Congl.	3690	3650	- 1586				
Arbuckle	3690	3683	- 1619				
R/D	3750	3748	- 1684				

\* Structural Position to:

LEGEND

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SCALE " = 100'



# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025  
Cell 785-324-1041

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

No. 5007

Date	Sec.	Twp.	Range	County	State	On Location	Finish
10-3-11	27	14	18	Ellis	Kansas		2:30 p.m.
Lease <i>Phenter</i>	Well No. <i>1</i>		Location <i>Hwy 45 3E Nub</i>				
Contractor <i>Southwind Drilling Rig 1</i>				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.			
Type Job <i>Plug</i>	Hole Size <i>7 7/8</i>		T.D. <i>3750</i>	Charge To <i>TDI</i>			
Csg.	Tbg. Size		Depth	Street			
Tool	Cement Left in Csg.		Depth	City		State	
Meas Line	Shoe Joint		The above was done to satisfaction and supervision of owner agent or contractor.				
Displace		Cement Amount Ordered <i>205 water 4 gal</i>					
<b>EQUIPMENT</b>				<i>4lb Flo Seal per sk</i>			
Pumptrk <i>5</i>	No.	Cementer <i>Steve</i>	Common <i>123</i>				
Bulktrk <i>3</i>	No.	Driver <i>Chris</i>	Poz. Mix <i>E2</i>				
Bulktrk	No.	Driver <i>Carly</i>	Gel. <i>7</i>				
<b>JOB SERVICES &amp; REMARKS</b>				Calcium			
Remarks:				Hullis			
Rat Hole				Salt			
Mouse Hole				Flowseal <i>504</i>			
Centralizers				Kol-Seal			
Baskets				Mud CLR 48			
D/V or Port Collar				CFL-117 or CD110 CAF 38			
<i>1st Plug @ 3655 25sk</i>				Sand			
<i>2nd " " 1275 25sk</i>				Handling <i>212</i>			
<i>3rd " " 560 100sk</i>				<b>FLOAT EQUIPMENT</b>			
<i>4th " " 40 10sk</i>				Guide Shoe			
<i>Port Hole 30sk</i>				Centralizer			
<i>Mouse Hole 15sk</i>				Baskets			
				AFU Inserts			
				Float Shoe			
				Latch Down			
				<i>8 3/8 Wood Plug</i>			
<i>Thompson</i>				Pumptrk Charge <i>plug</i>			
				Mileage <i>7</i>			
X Signature <i>[Signature]</i>				Tax			
				Discount			
				Total Charge			

# QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-2025  
Cell 785-324-1041

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

No. 5345

Date	9-28-11	Sec.	27	Twp.	14	Range	28	County	Ellis	State	KS	On Location		Finish	7:15pm	
Lease	Pfeifer		Well No.		1		Location									Hays 5 Battered Tied 3/4E 21110

Contractor	Southwind #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.											
Type Job	Surface		T.D.		225		Charge To									TDI
Hole Size	12 1/4		Depth		223		Street									
Csg.	8 5/8		Depth				City									State
Tbg. Size			Shoe Joint		The above was done to satisfaction and supervision of owner agent or contractor.											
Tool			Displace		13 BCL		Cement Amount Ordered									150 COM 3 1/2" 20/200
Cement Left in Csg.	15'															
Meas Line																

**EQUIPMENT**

Pumptrk	5	No.	Cementer	Craig	Helper	Common	150
Bulktrk		No.	Driver	Steve	Driver	Poz. Mix	
Bulktrk	14	No.	Driver	Con	Driver	Gel.	3

**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 130 SC & Displace	Handling 15 #
Cement (Circulated)	Mileage

**FLOAT EQUIPMENT**

Guide Shoe	
Centralizer	
Baskets	8 5/8 Swage
AFU Inserts	
Float Shoe	
Latch Down	

Thank's!

X Signature *[Handwritten Signature]*

Pumptrk Charge	Surface
Mileage	7
Tax	
Discount	
Total Charge	



# Dual Induction Log

DIGITAL LOG (785) 625-3858

15-051-26,184-00-00

API No.

Company TDI, Inc.

Well Pfeifer No. 1

Field Wildcat

County Ellis State Kansas

Location NW SE NW SE  
1,750' FSL & 1,700' FEL

Sec: 27 Twp: 14S Rge: 18W

Permanent Datum Ground Level Elevation 2054  
Log Measured From Kelly Bushing 10 Ft. Above Perm. Datum

Drilling Measured From Kelly Bushing

Other Services  
CNL/CDL  
Elevation  
K.B. 2064  
D.F.  
G.L. 2054

Date	10/3/2011
Run Number	One
Depth Driller	3750
Depth Logger	3748
Bottom Logged Interval	3747
Top Log Interval	200
Casing Driller	8.625 @ 223
Casing Logger	222
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity,ppm CL	3400
Density / Viscosity	9.2   60
pH / Fluid Loss	10.5   5.8
Source of Sample	Flowline
Rm @ Meas. Temp	.34 @ 70
Rmf @ Meas. Temp	.26 @ 70
Rmc @ Meas. Temp	.46 @ 70
Source of Rmf / Rmc	Charts
Rm @ BHT	.21 @ 114
Operating Rig Time	4 Hours
Max Rec. Temp. F	114
Equipment Number	10
Location	Hays
Recorded By	J. Long
Witnessed By	Tom Denning

<<< 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

Hays, 4 South to Butterfield Trail Road, 3/4 East, North Into

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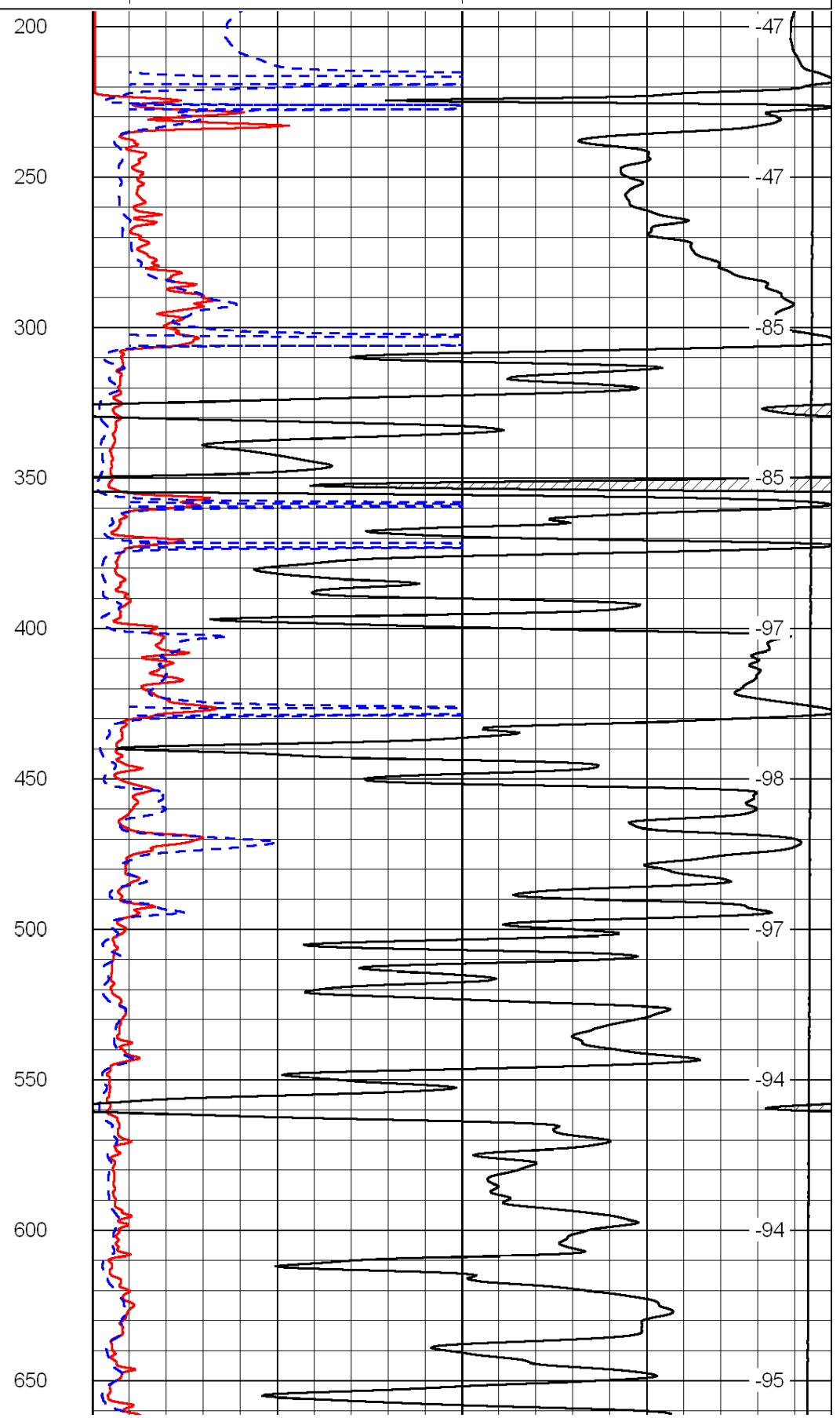
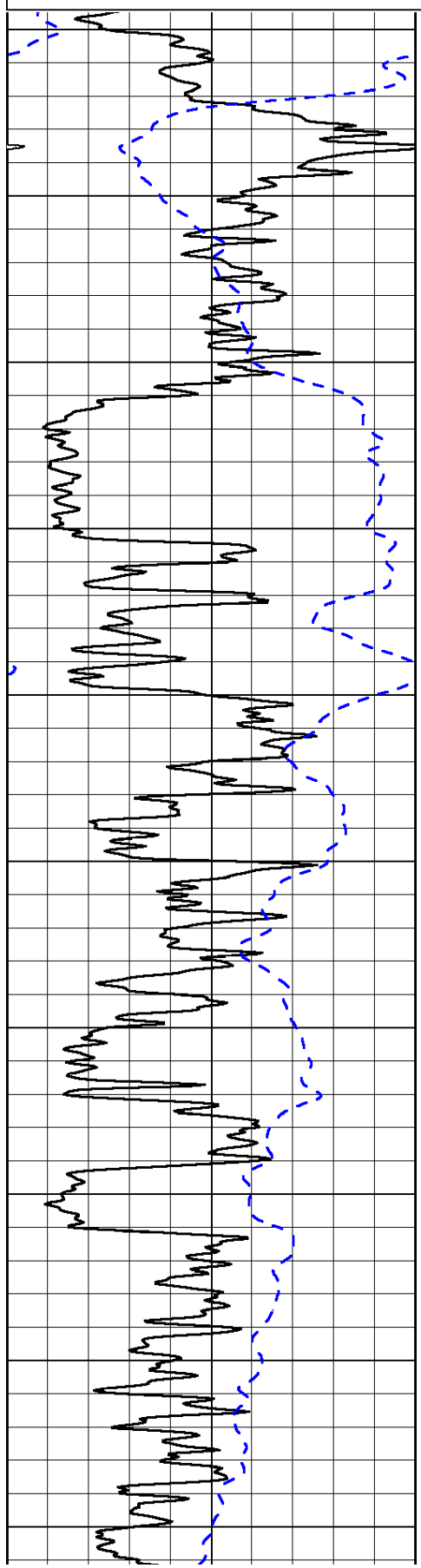
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-200	SP (mV)	0

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0	Deep Resistivity	50

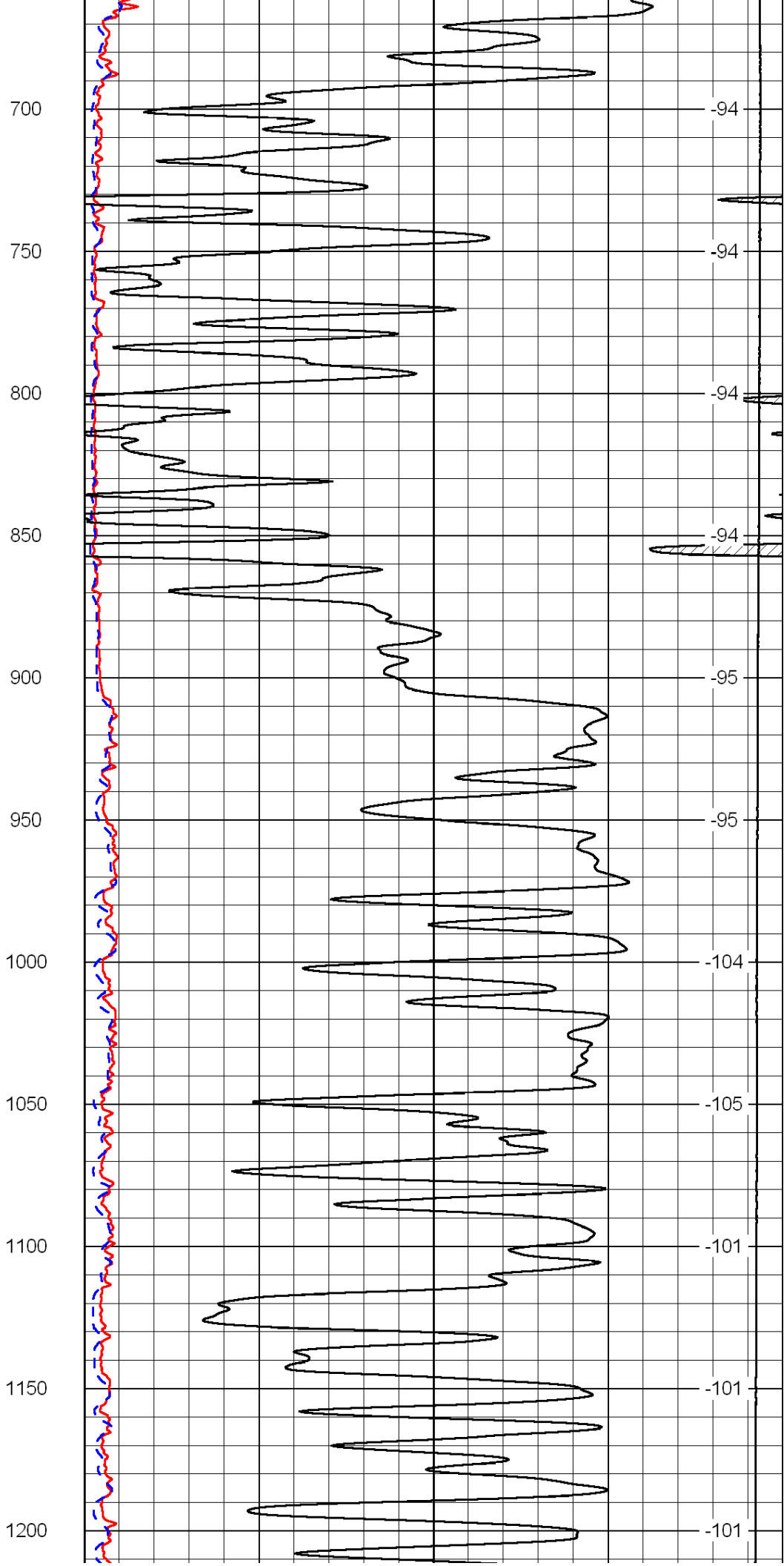
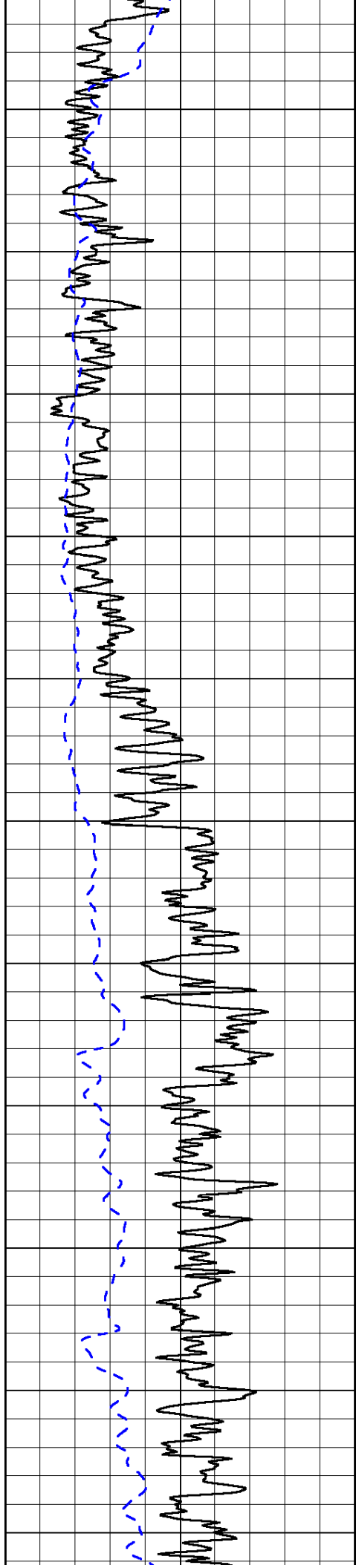
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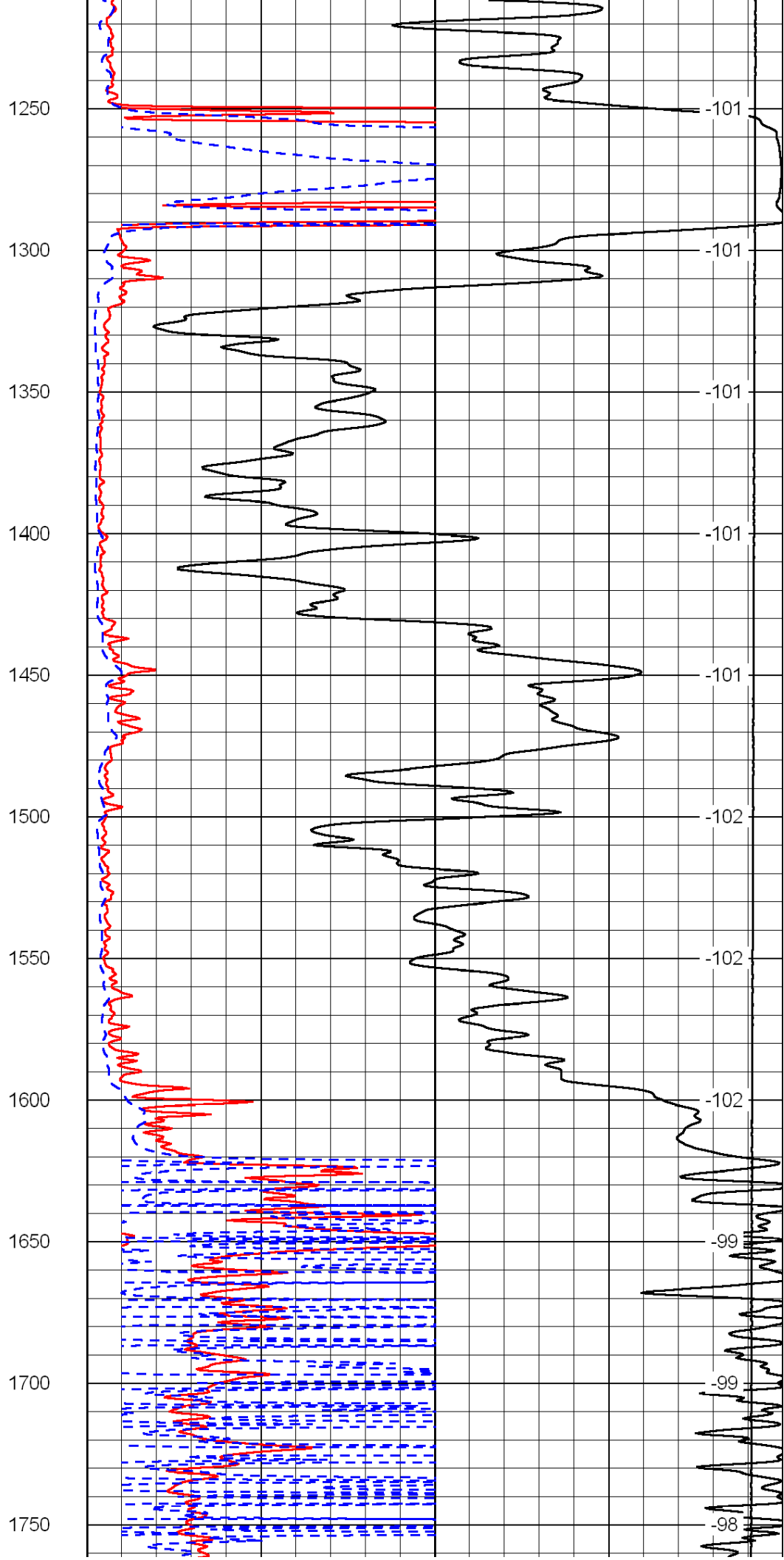
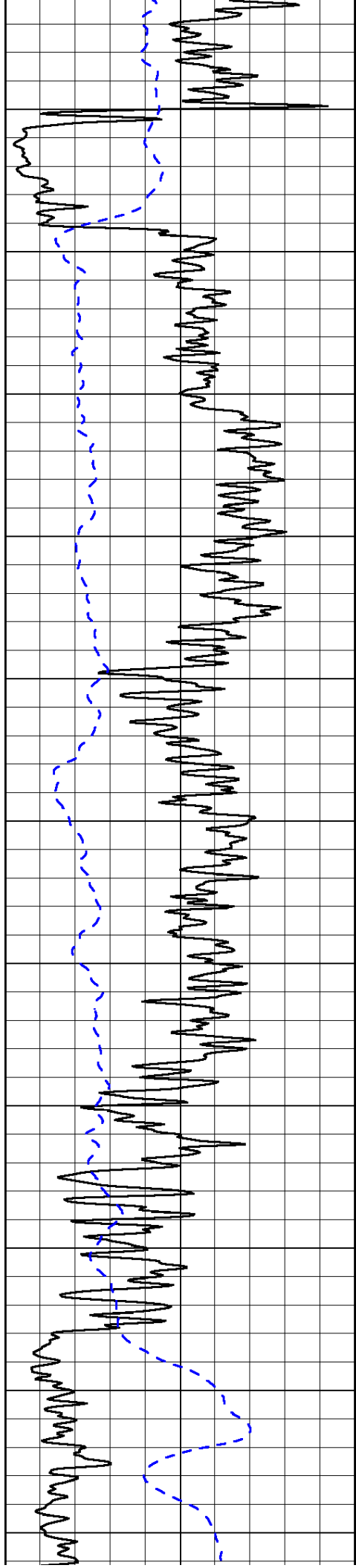
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15000	Line Tension	0

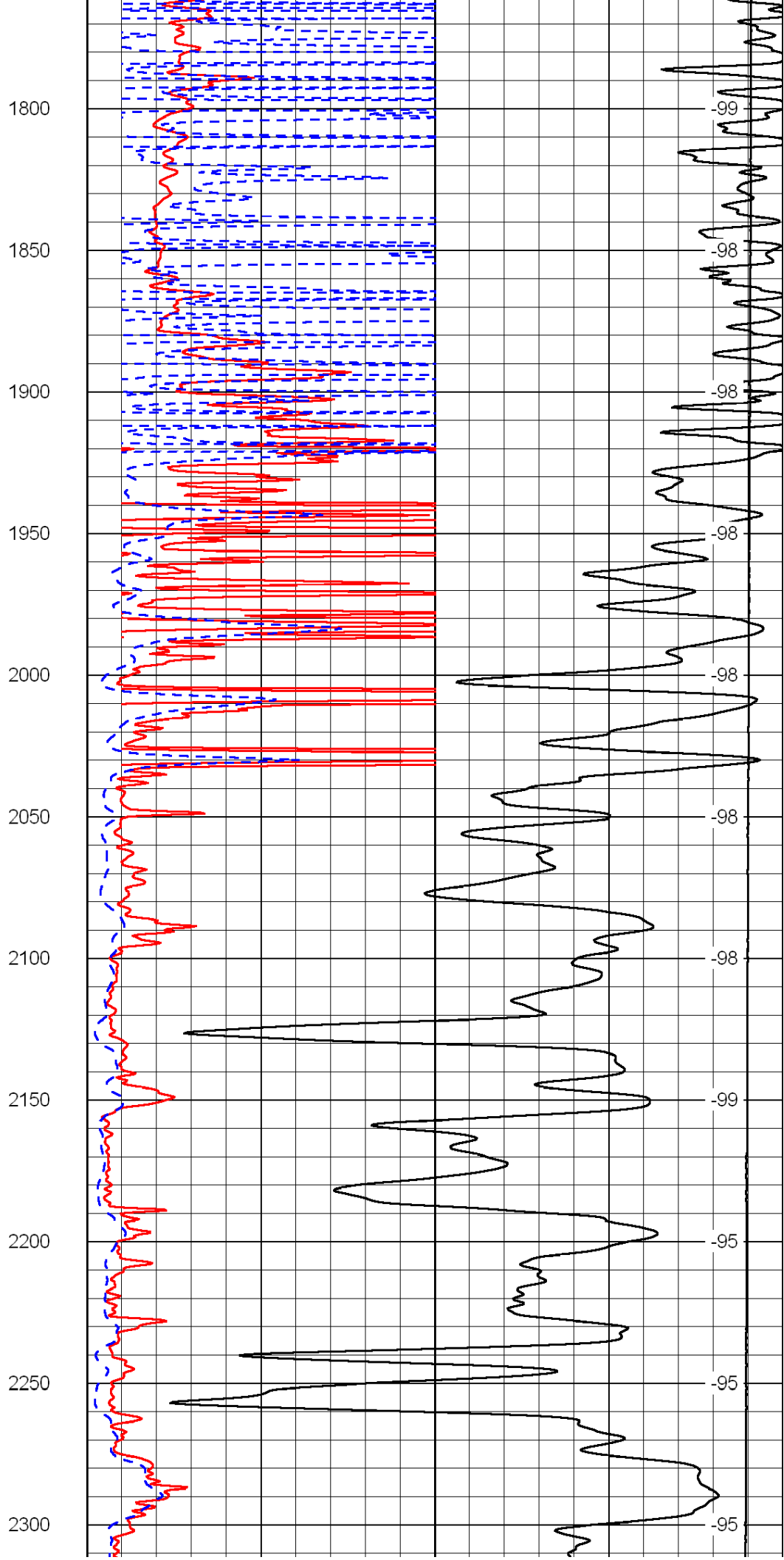
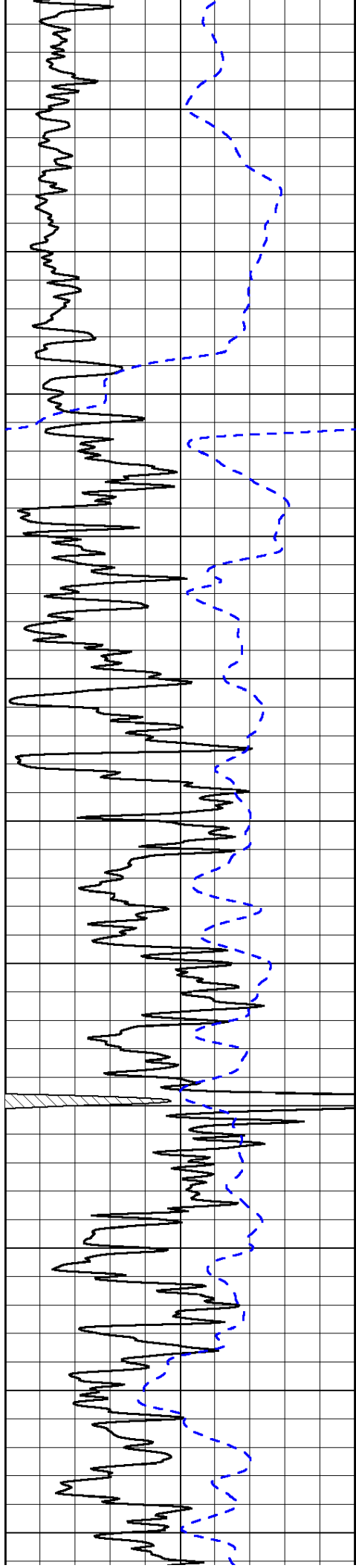
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50	Deep Resistivity	500

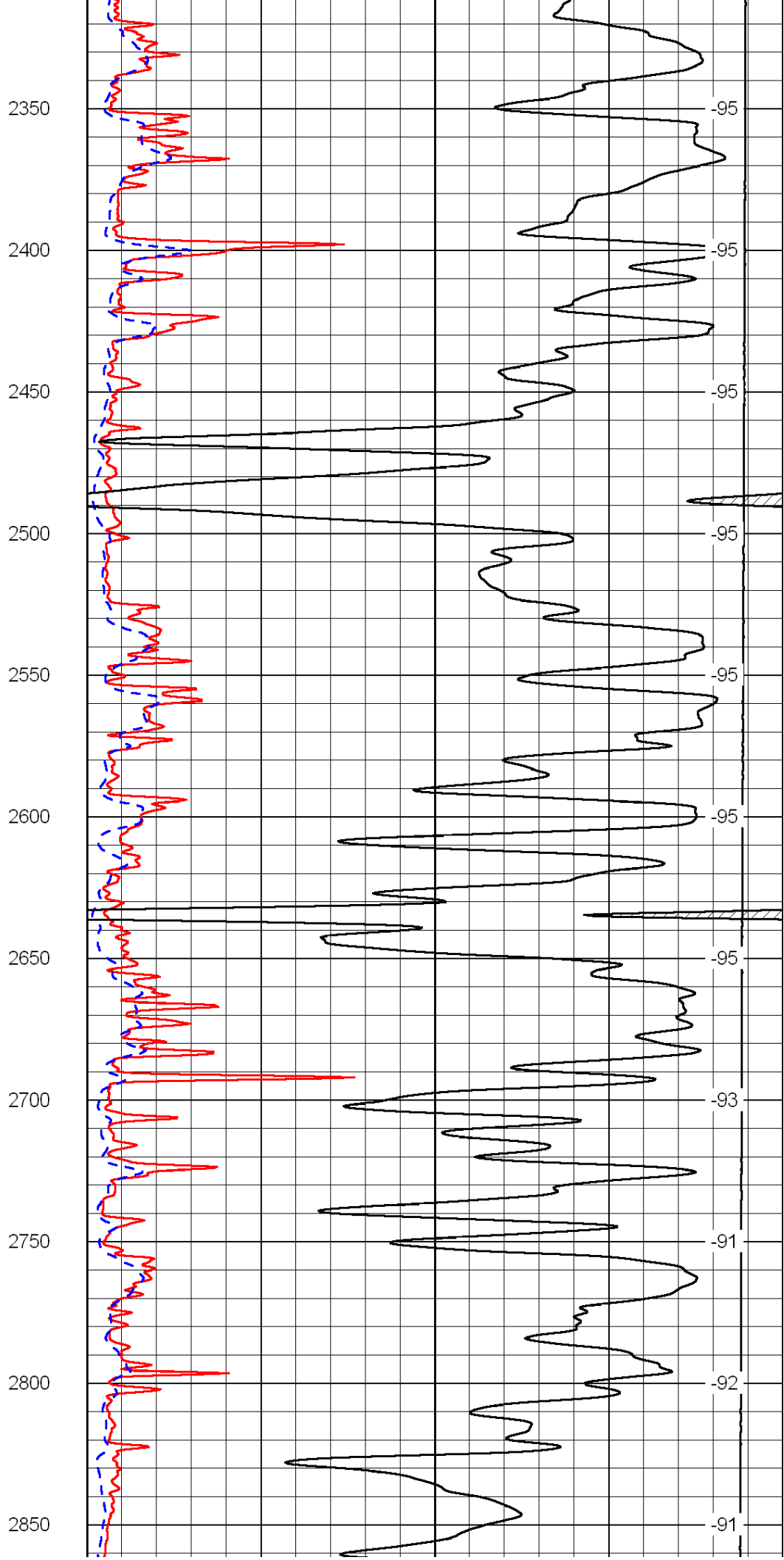
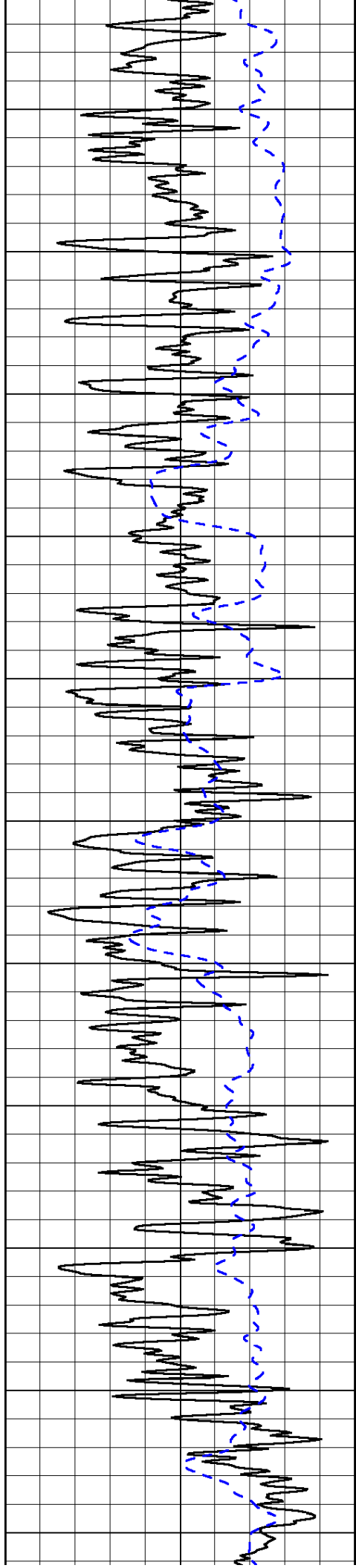


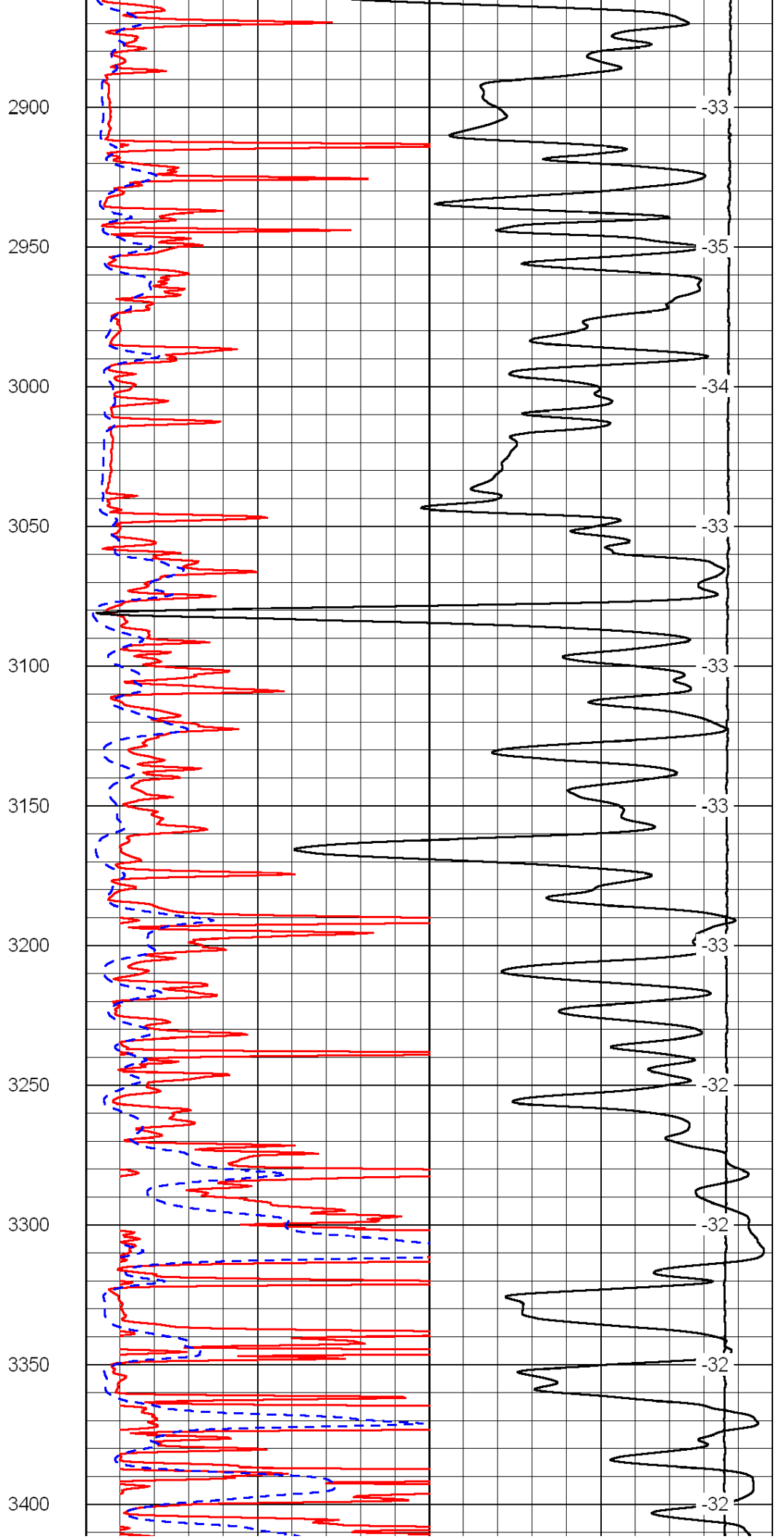
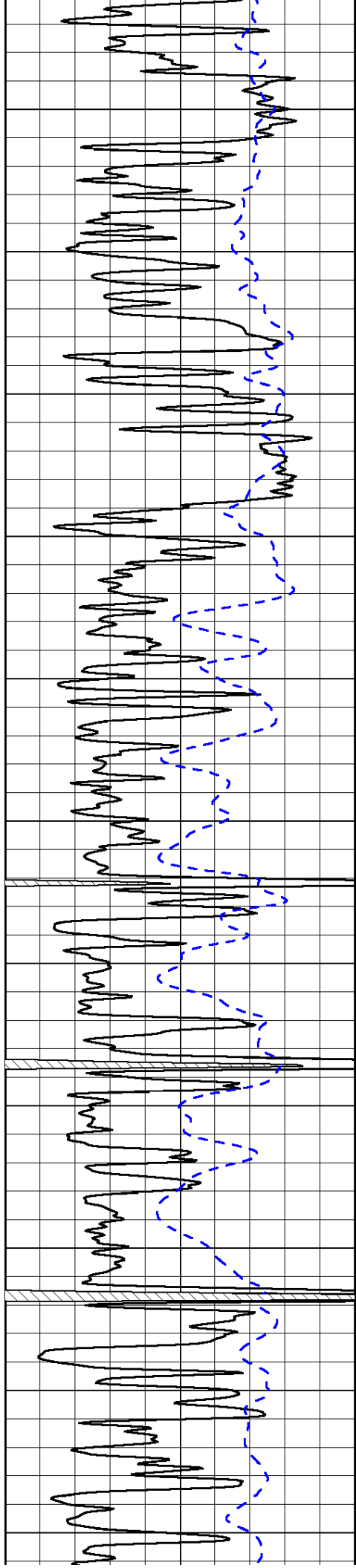


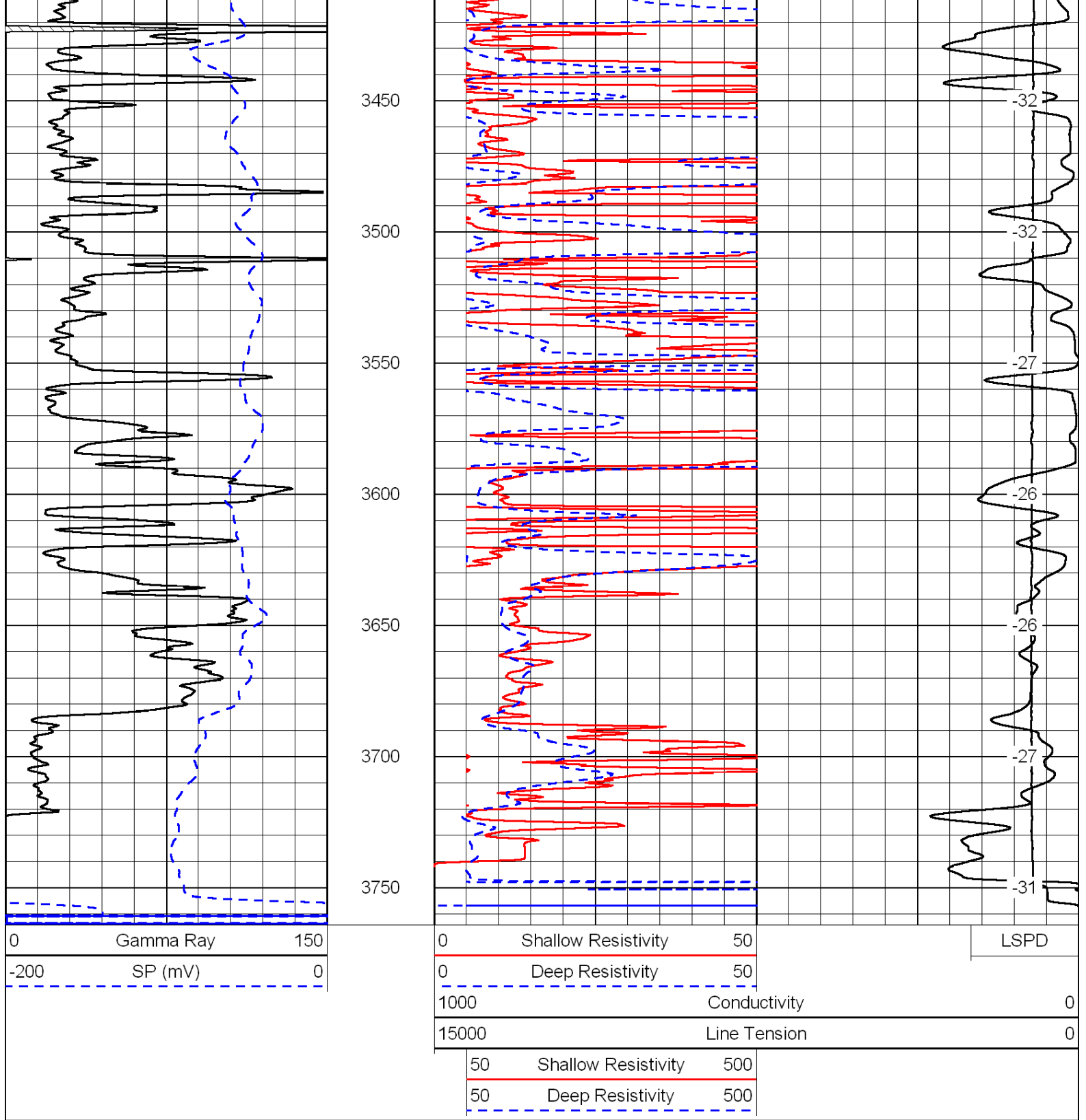




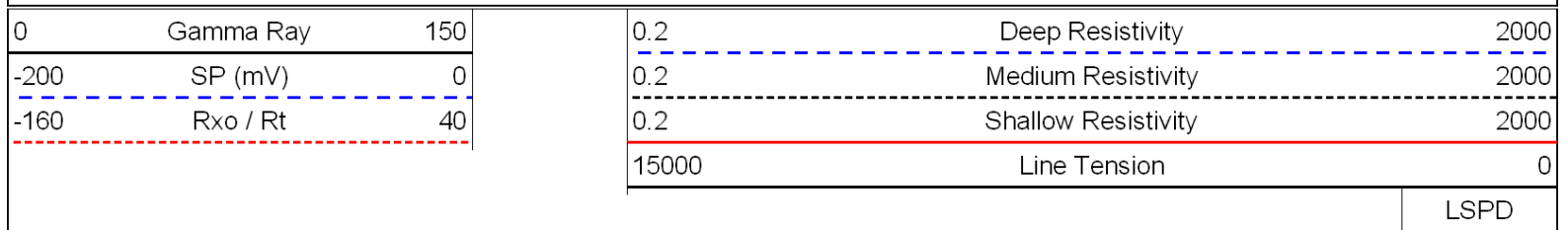


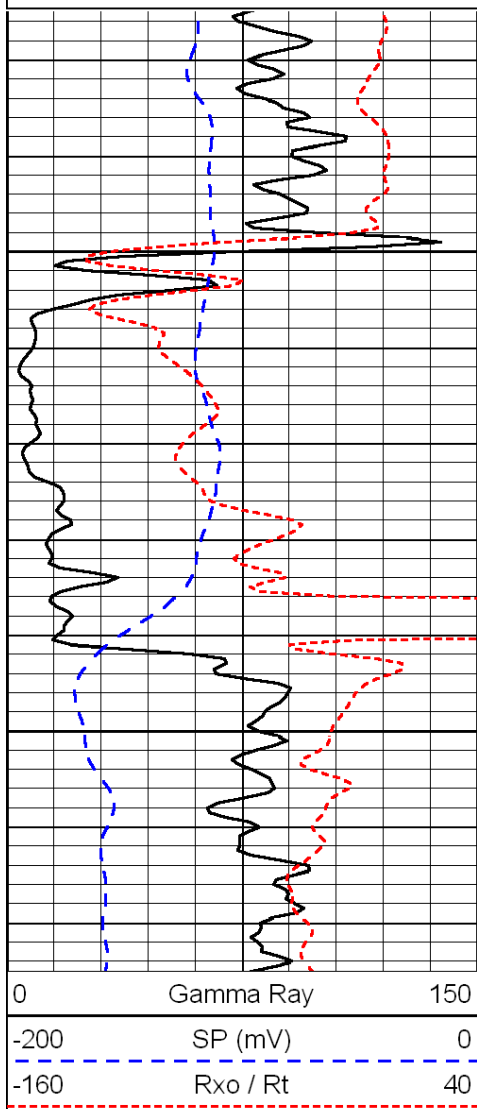






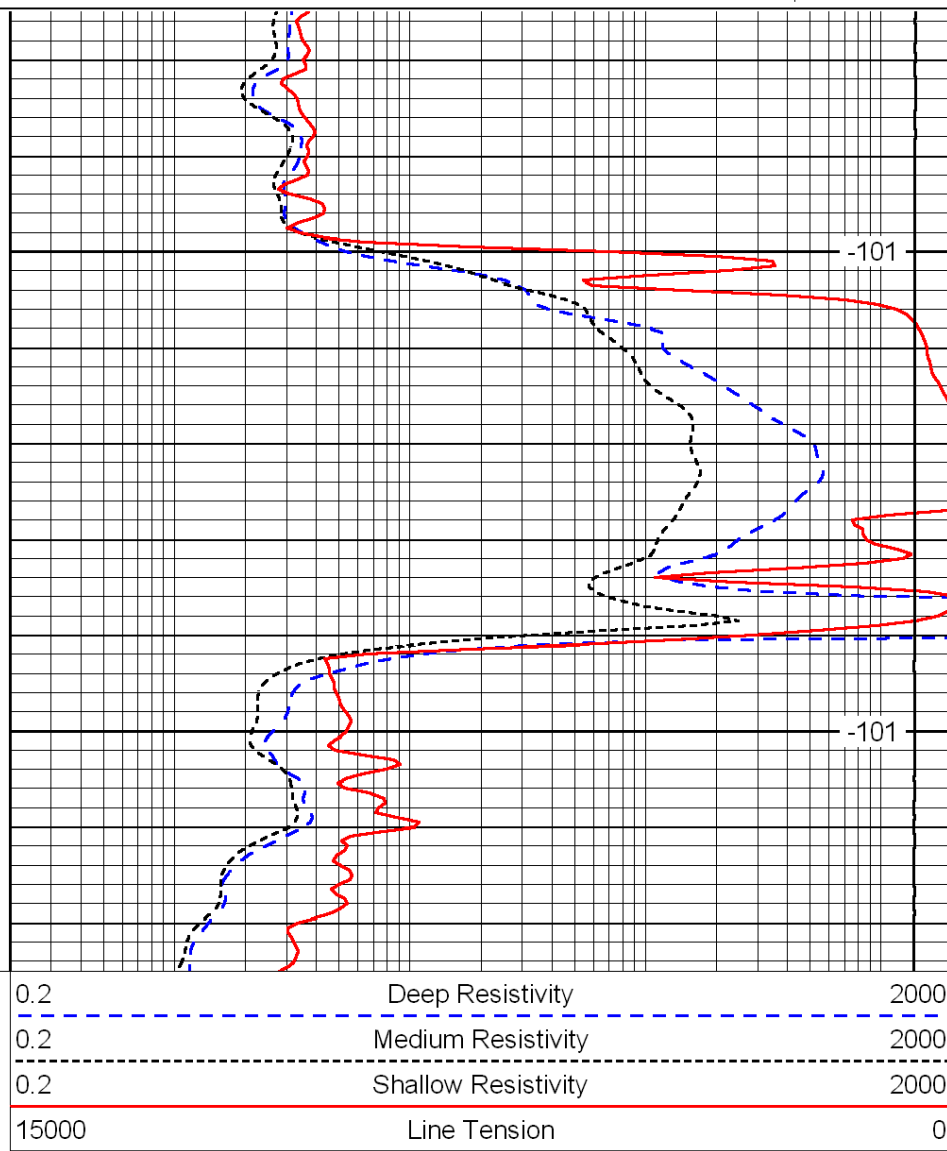
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1250

1300

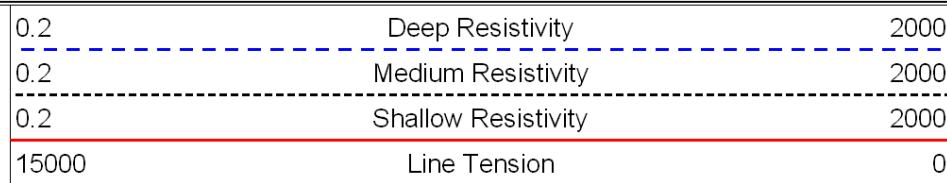
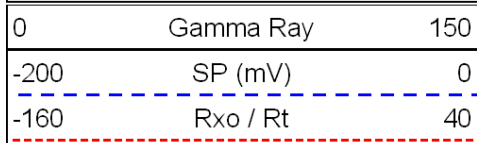


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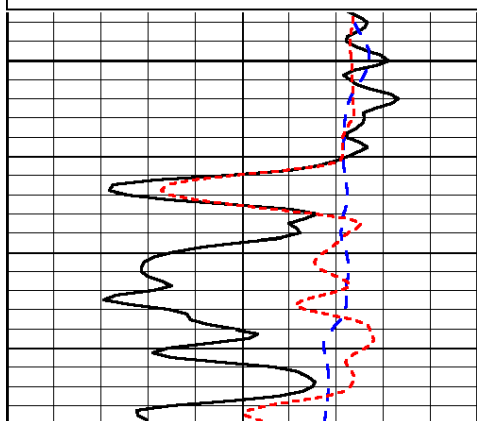
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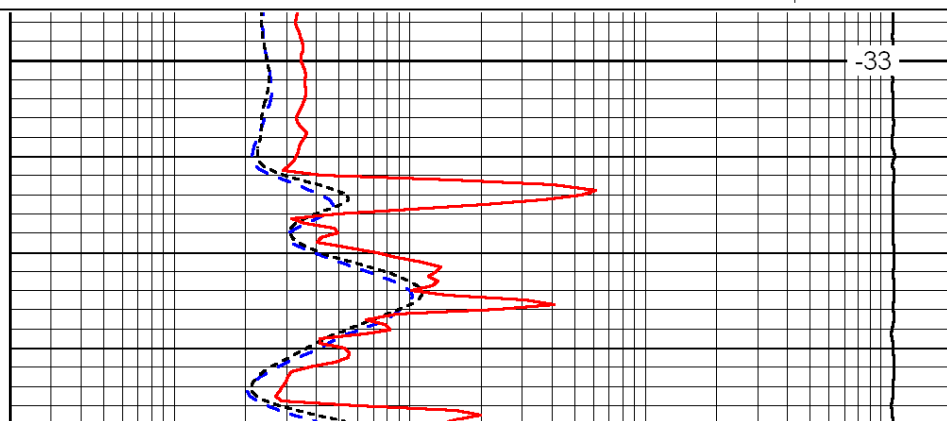
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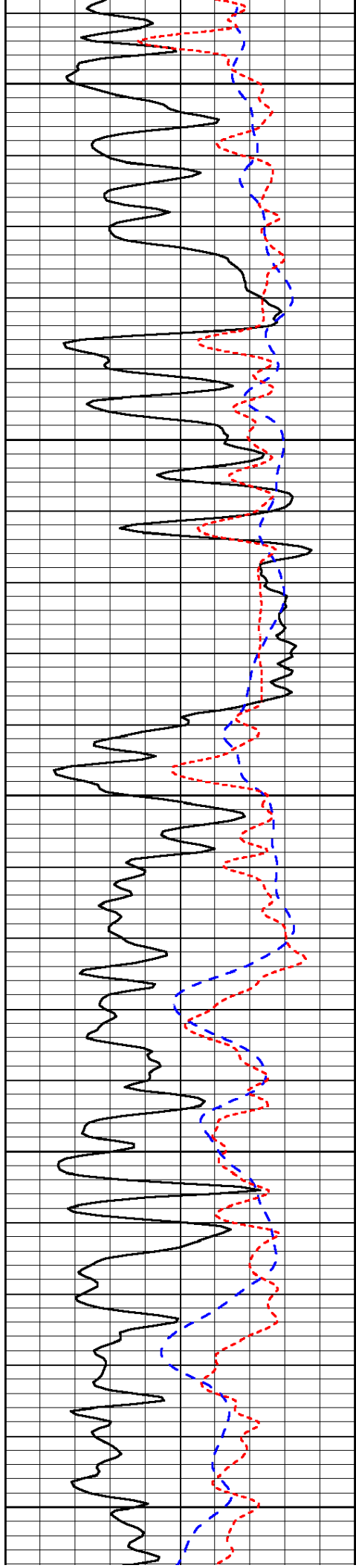
LSPD



2900



-33



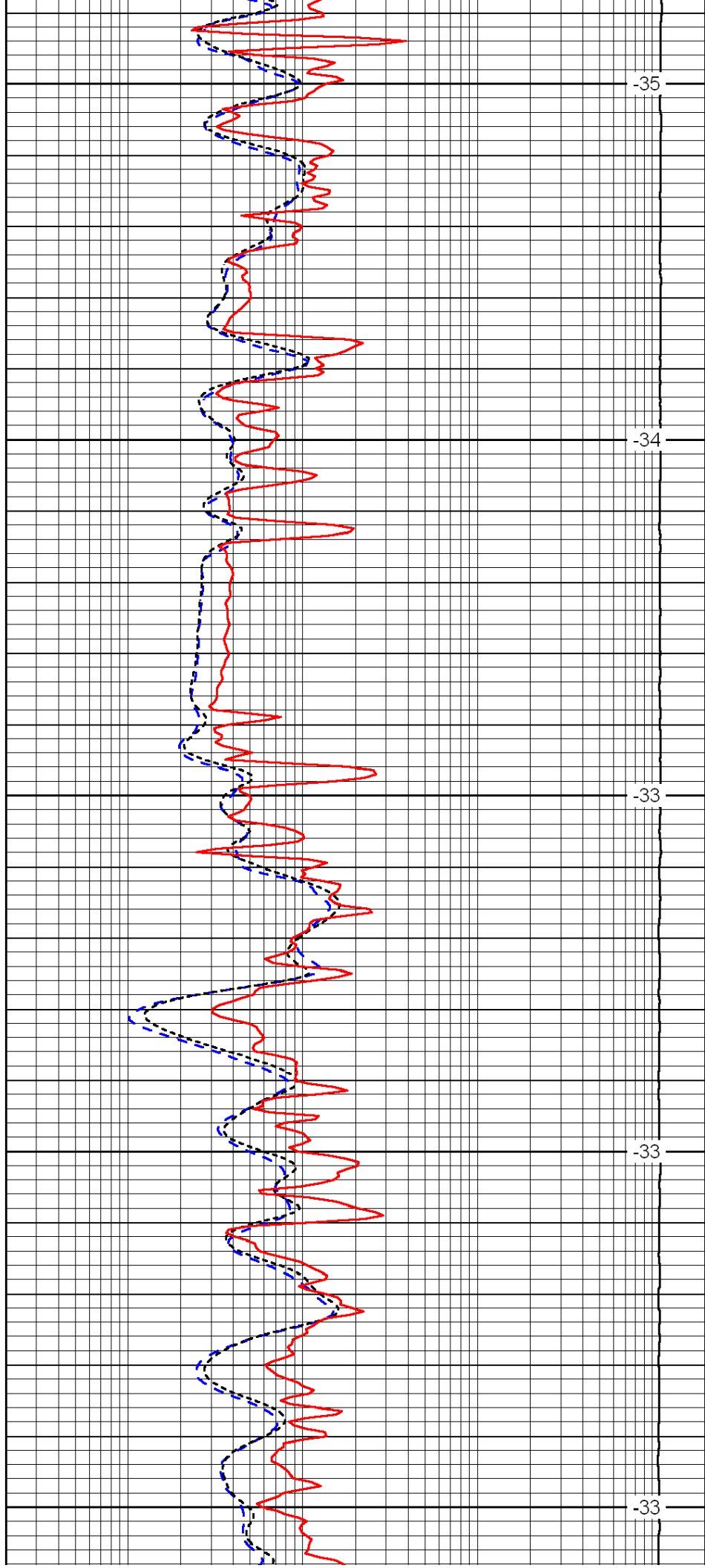
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3000

3050

3100

3150



-35

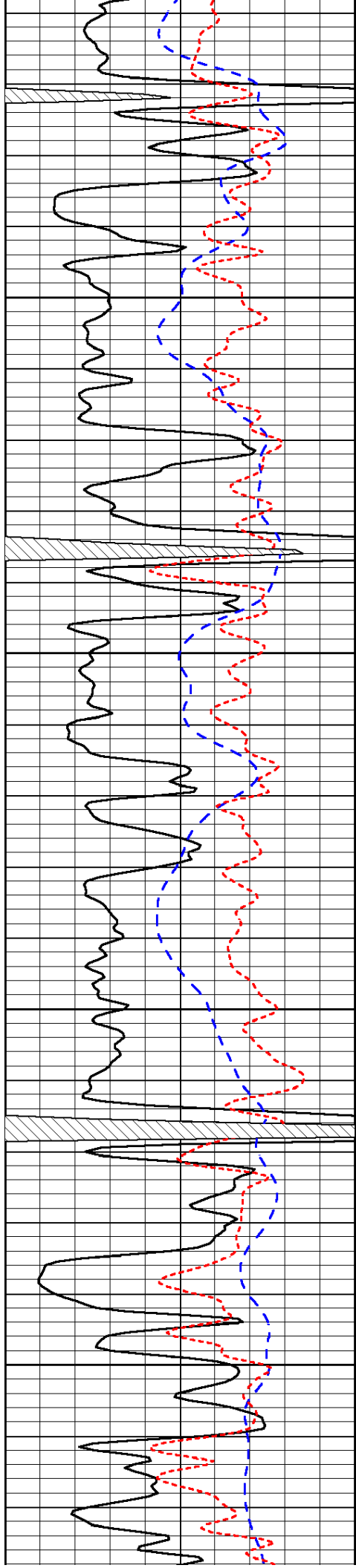
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-33

-33

-33



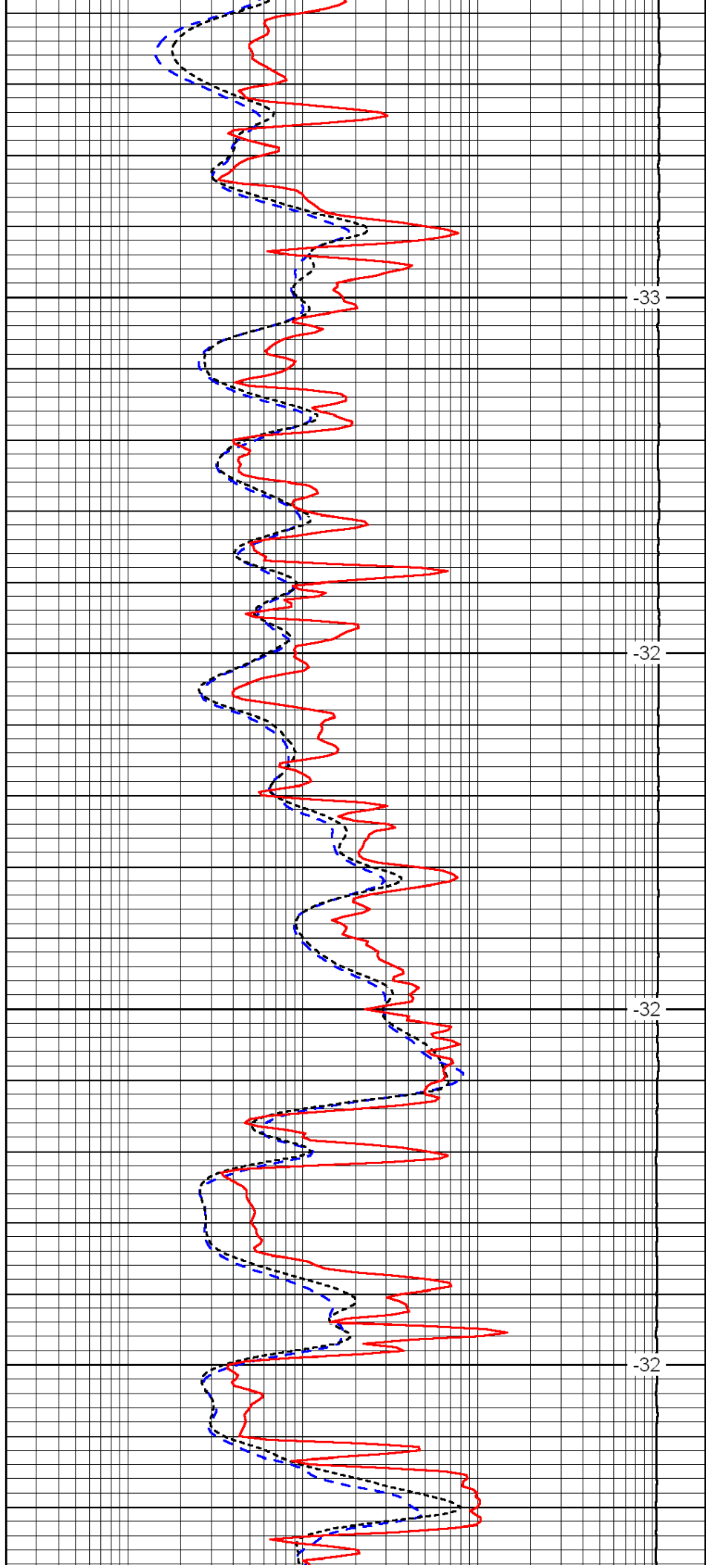


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3250

3300

3350

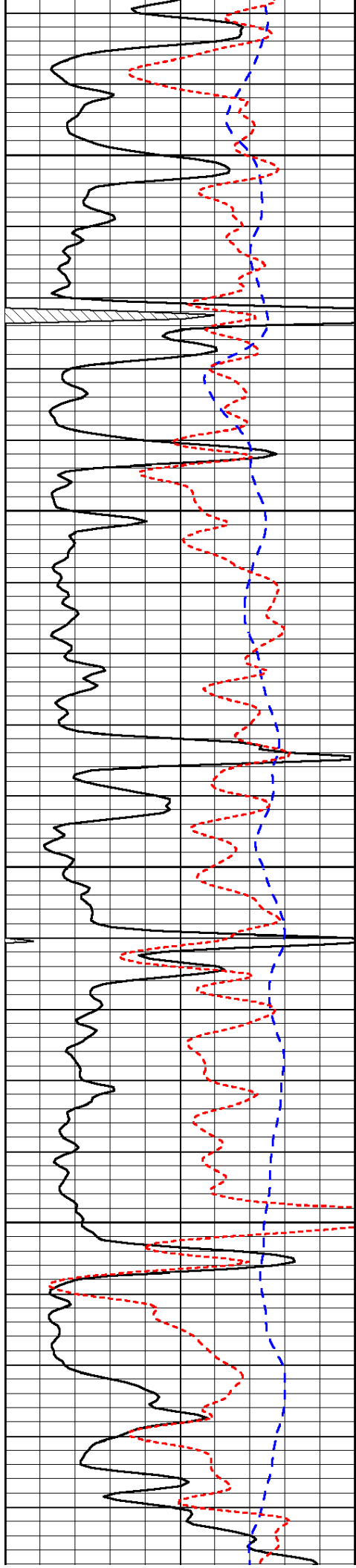


-33

-32

-32

-32

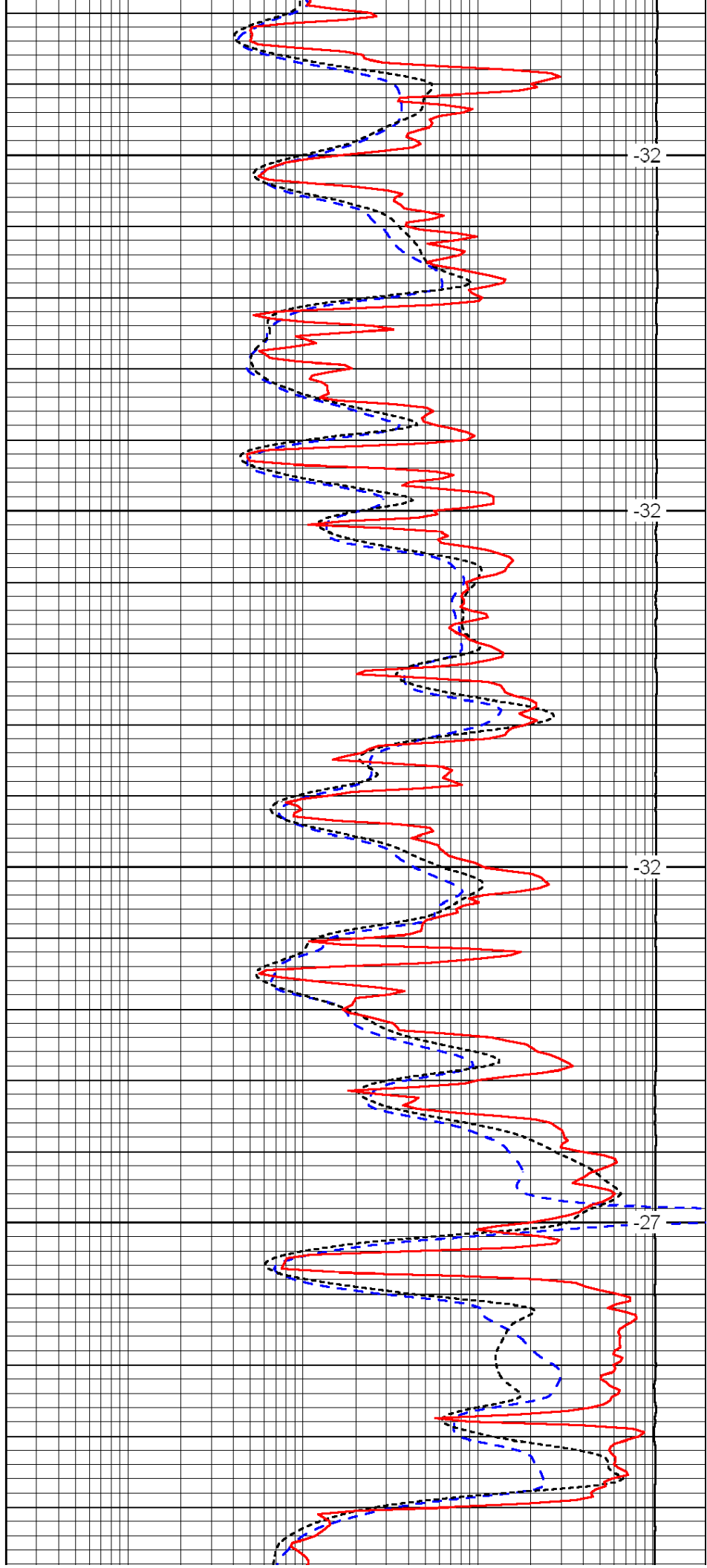


3400

3450

3500

3550

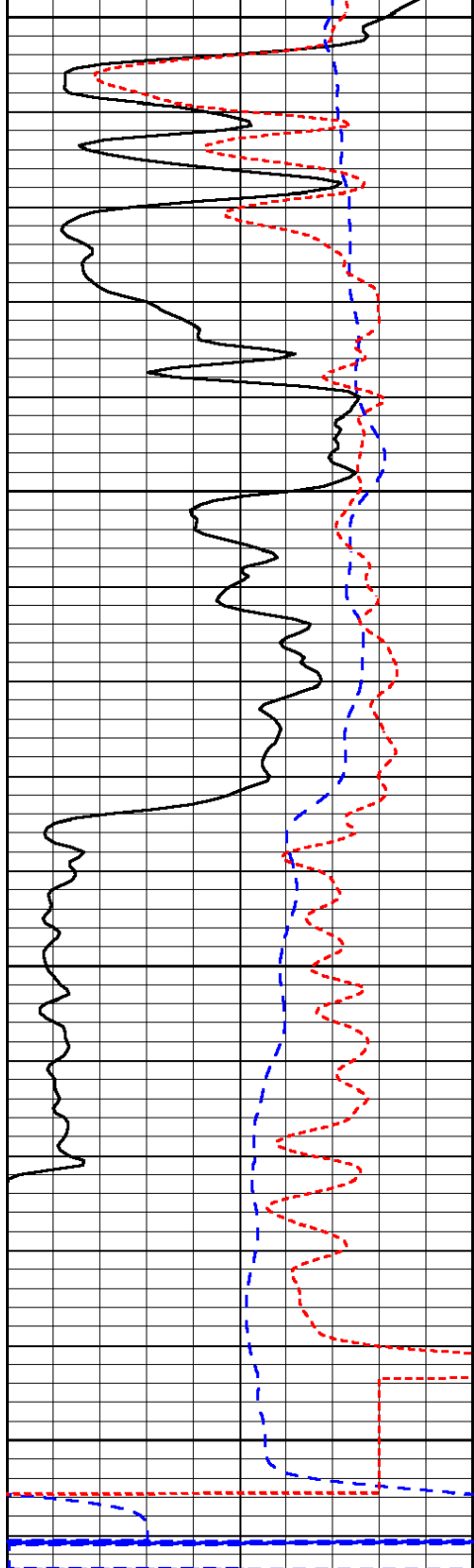


-32

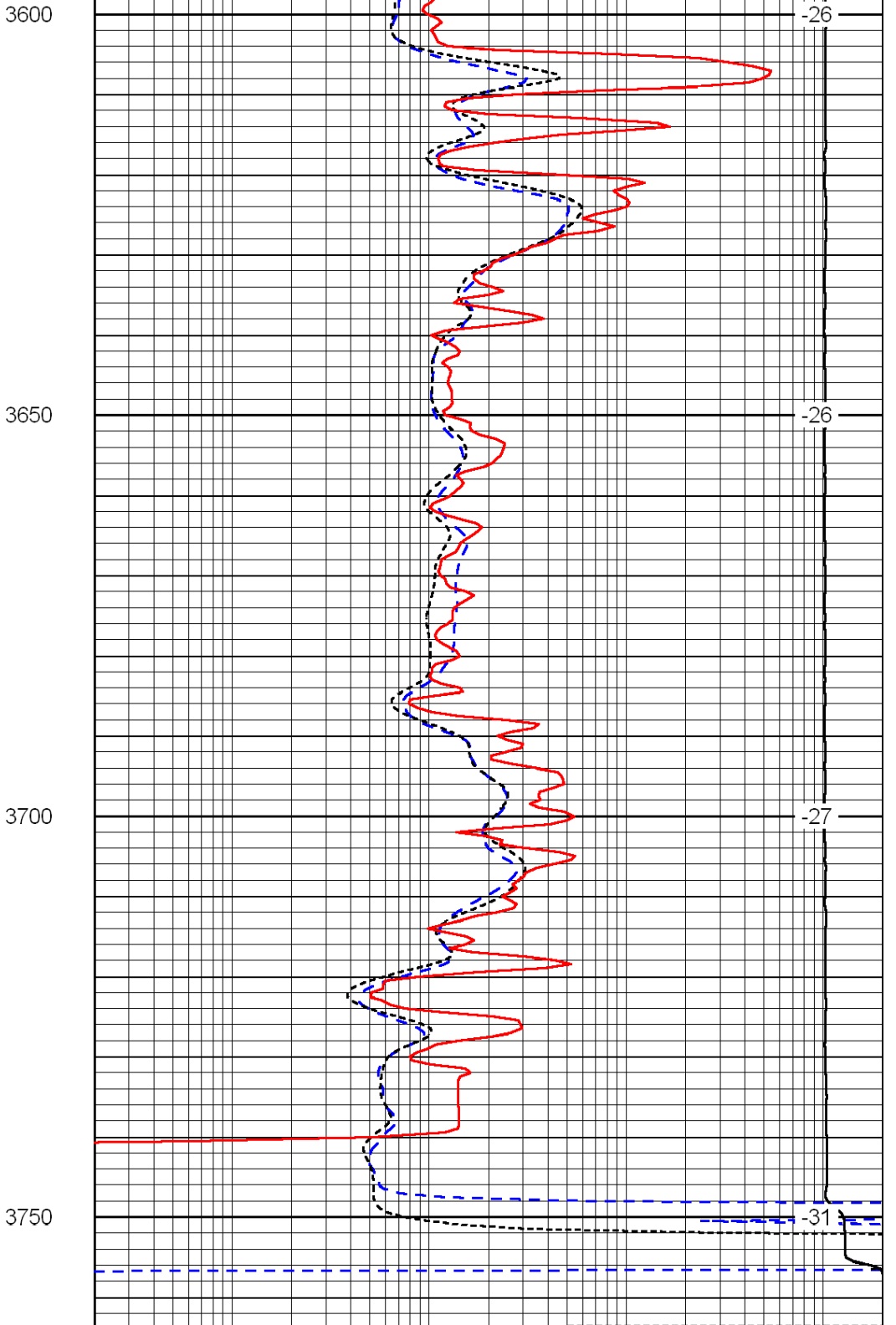
-32

-32

-27



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



DIGITAL LOG (785) 625-3858

Dual Compensated Porosity Log

15-051-26,184-00-00

API No.

Company TDI, Inc.  
 Well Pfeifer No. 1  
 Field Wildcat  
 County Ellis  
 State Kansas

Location NW SE NW SE  
 1,750' FSL & 1,700' FEL  
 Sec: 27 Twp: 14S Rge: 18W

Other Services  
 DIL

Permanent Datum Ground Level Elevation 2054  
 Log Measured From Kelly Bushing 10 Ft. Above Perm. Datum  
 Drilling Measured From Kelly Bushing

Elevation  
 K.B. 2064  
 D.F.  
 G.L. 2054

Date	10/3/2011
Run Number	One
Type Log	CNL / CDL
Depth Driller	3750
Depth Logger	3748
Bottom Logged Interval	3727
Top Logged Interval	2900
Type Fluid In Hole	Chemical
Salinity, PPM CL	3400
Density	9.2
Level	Full
Max. Rec. Temp. F	114
Operating Rig Time	4 Hours
Equipment -- Location	10   Hays
Recorded By	J. Long
Witnessed By	Tom Denning

Borehole Record		Casing Record					
Run No.	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	223	8.625	24#	00	223
2	7.875	223	3750				

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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

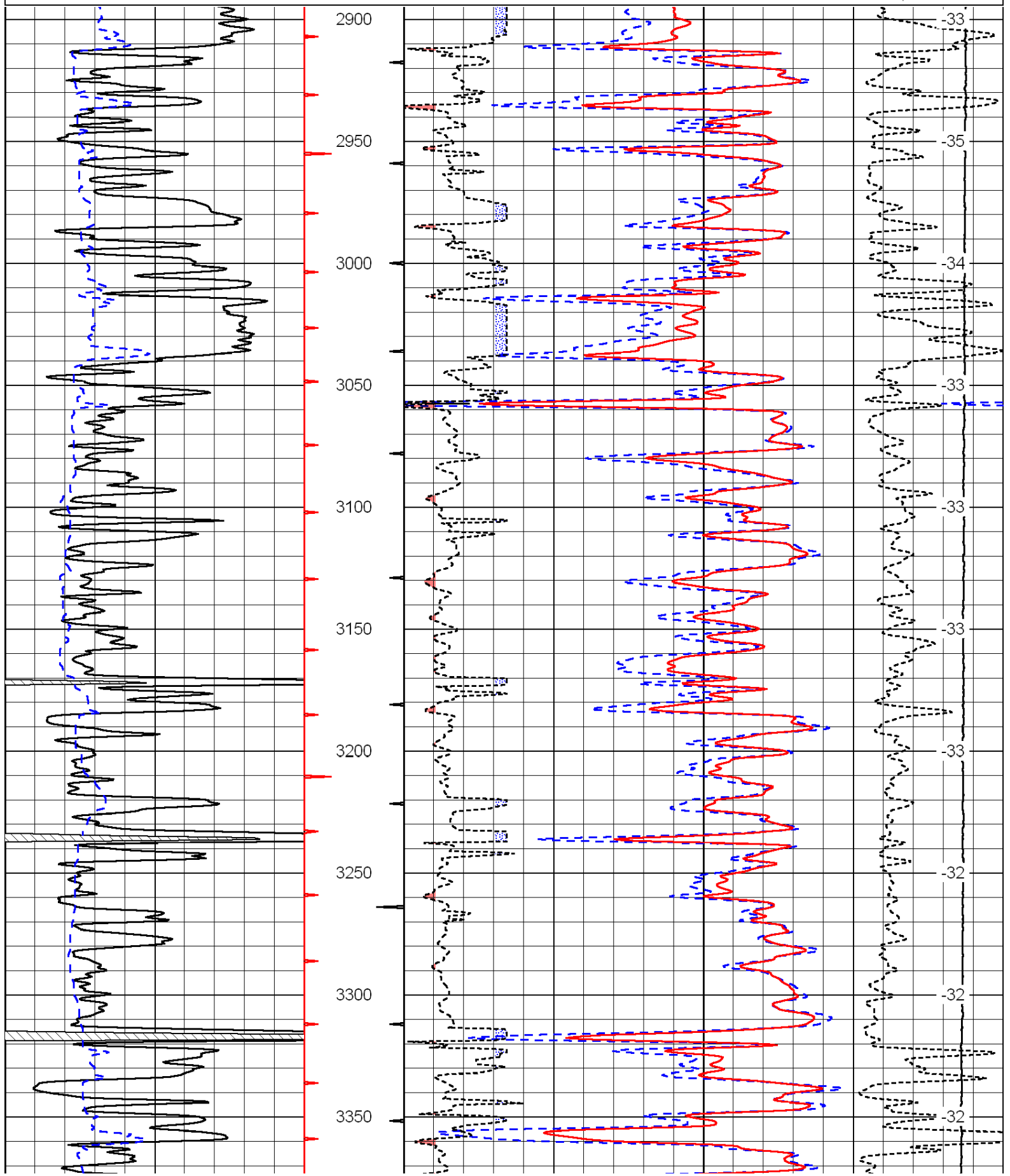
Thank you for using Log-Tech, Inc.  
 (785) 625-3858

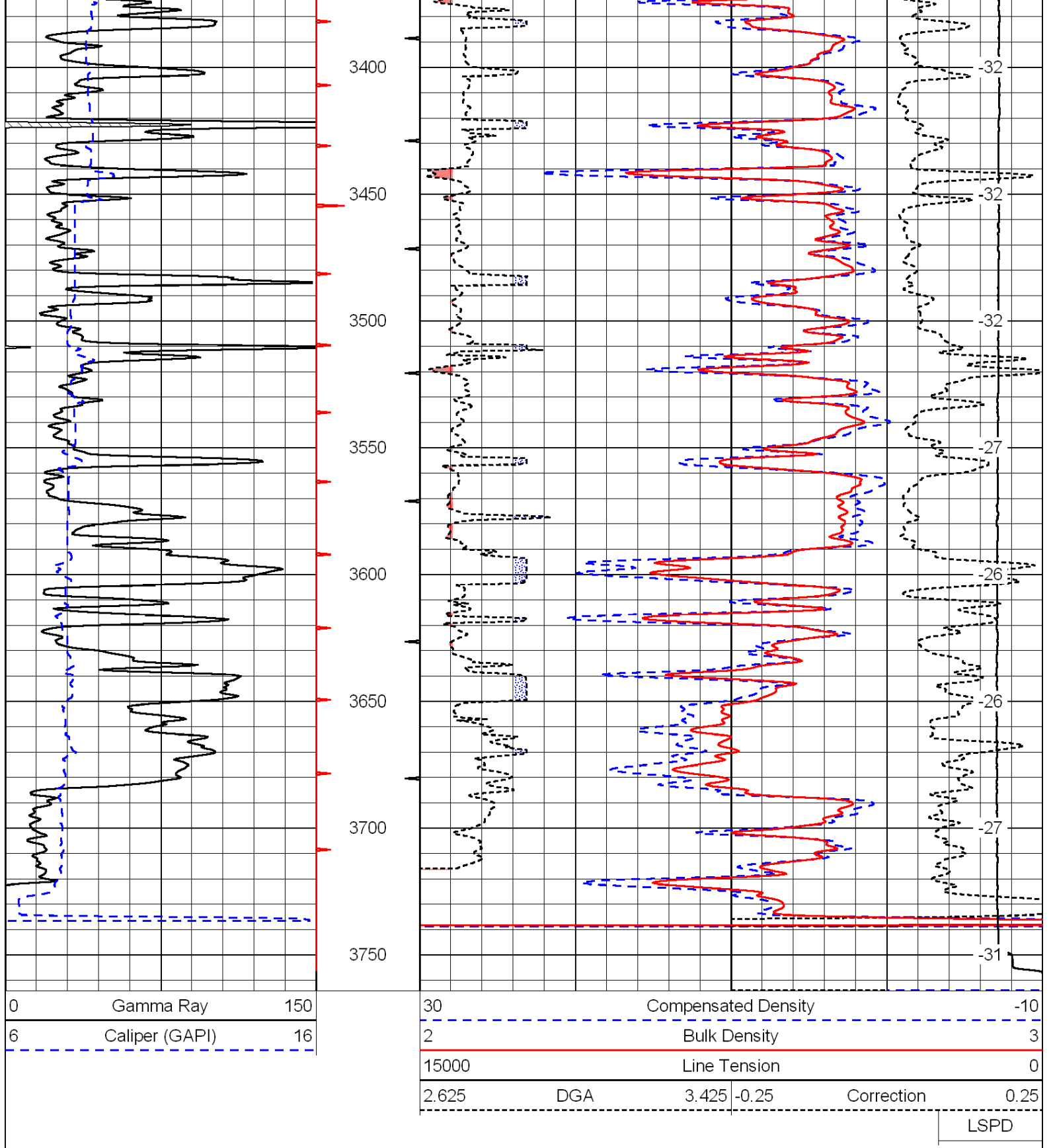
Hays, 4 South to Butterfield Trail Road, 3/4 East, North Into

Database File: c:\warrior\data\tdi\_pfeifer no. 1\tdi\_pfeifer\_1hd.db  
 Dataset Pathname: dil/tdistck  
 Presentation Format: cdl  
 Dataset Creation: Mon Oct 03 13:11:25 2011  
 Charted by: Depth in Feet scaled 1:600

0	Gamma Ray	150
6	Caliper (GAPI)	16

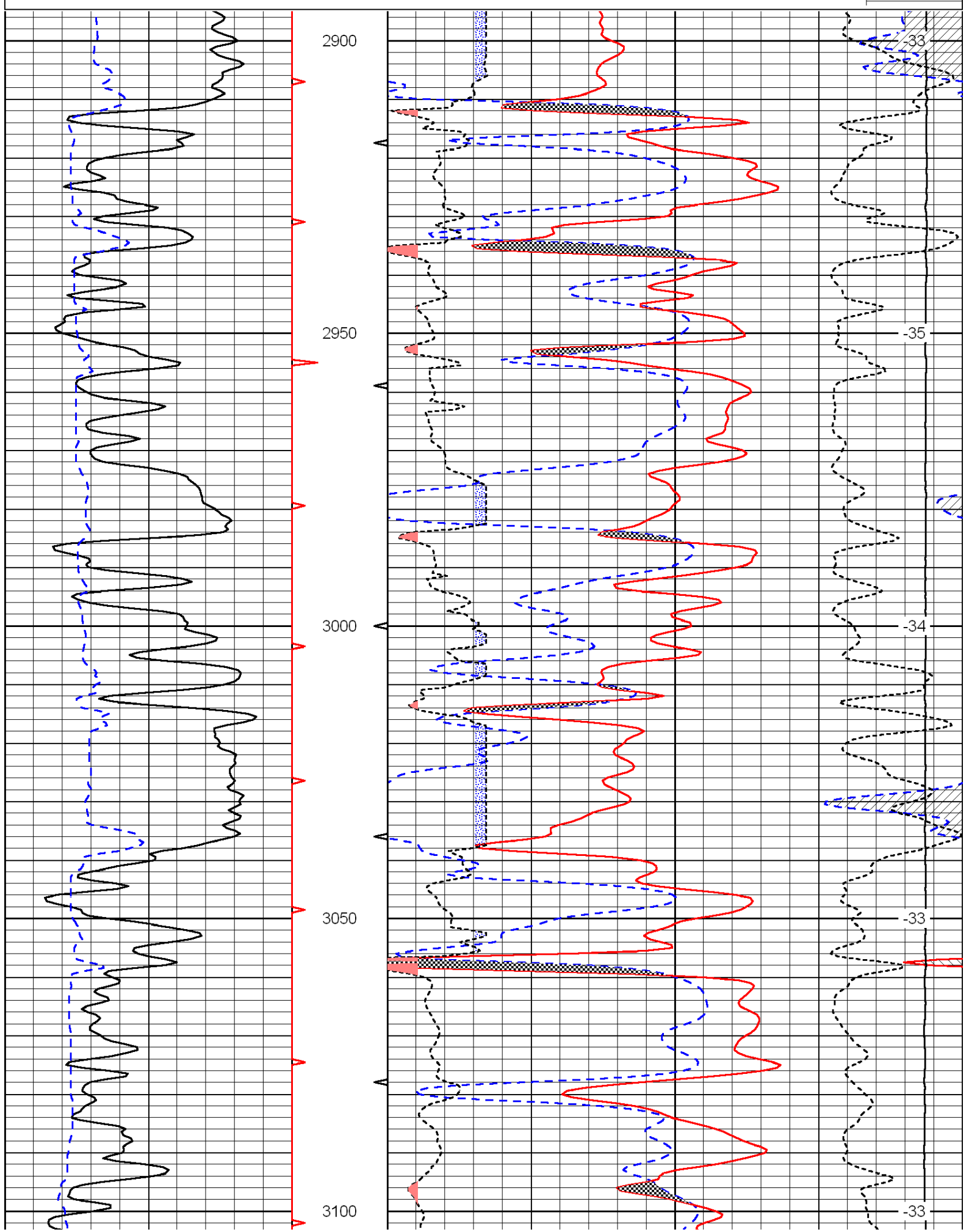
30	Compensated Density		-10
2	Bulk Density		3
15000	Line Tension		0
2.625	DGA	3.425	-0.25
Correction			0.25
LSPD			

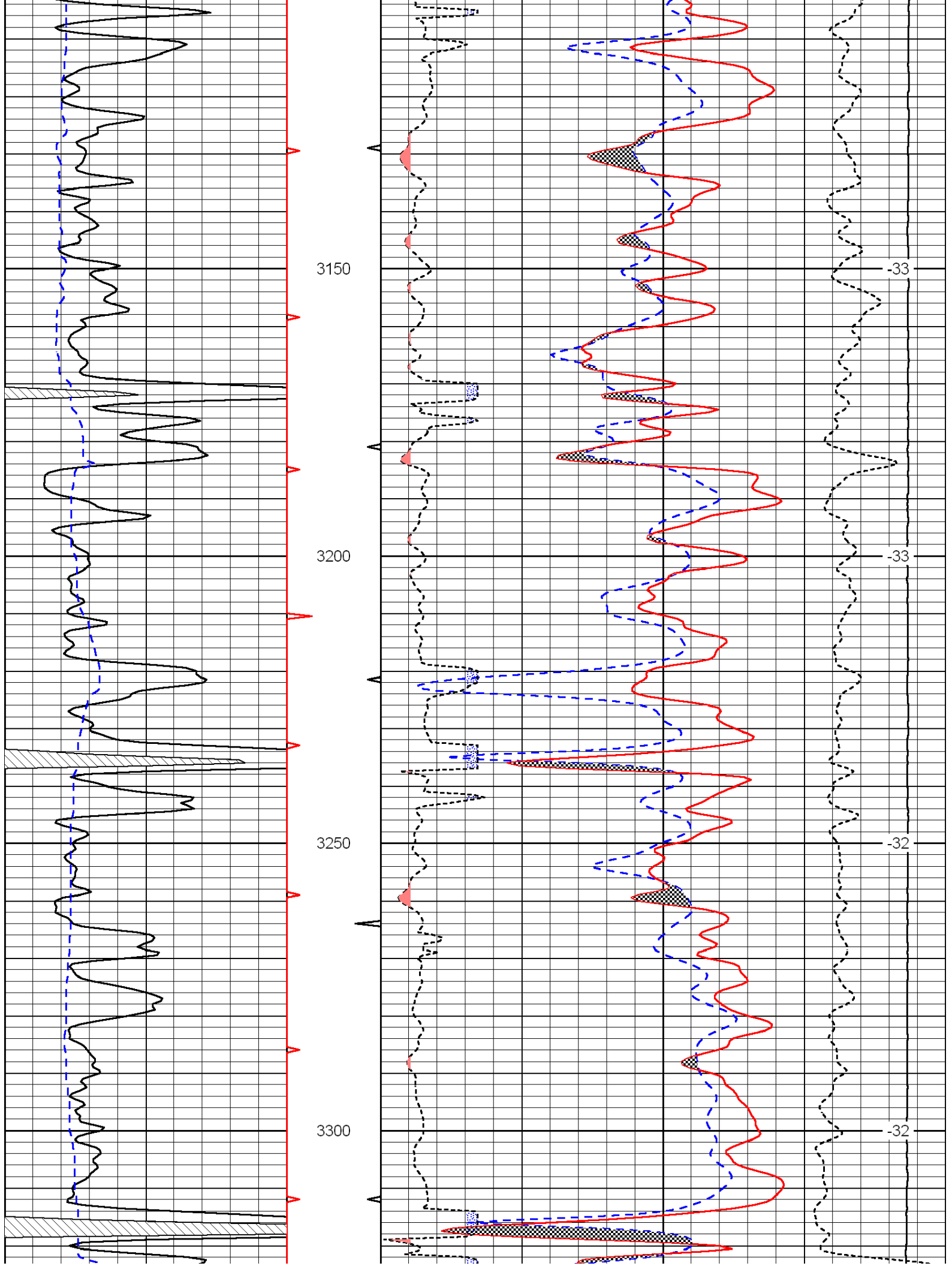




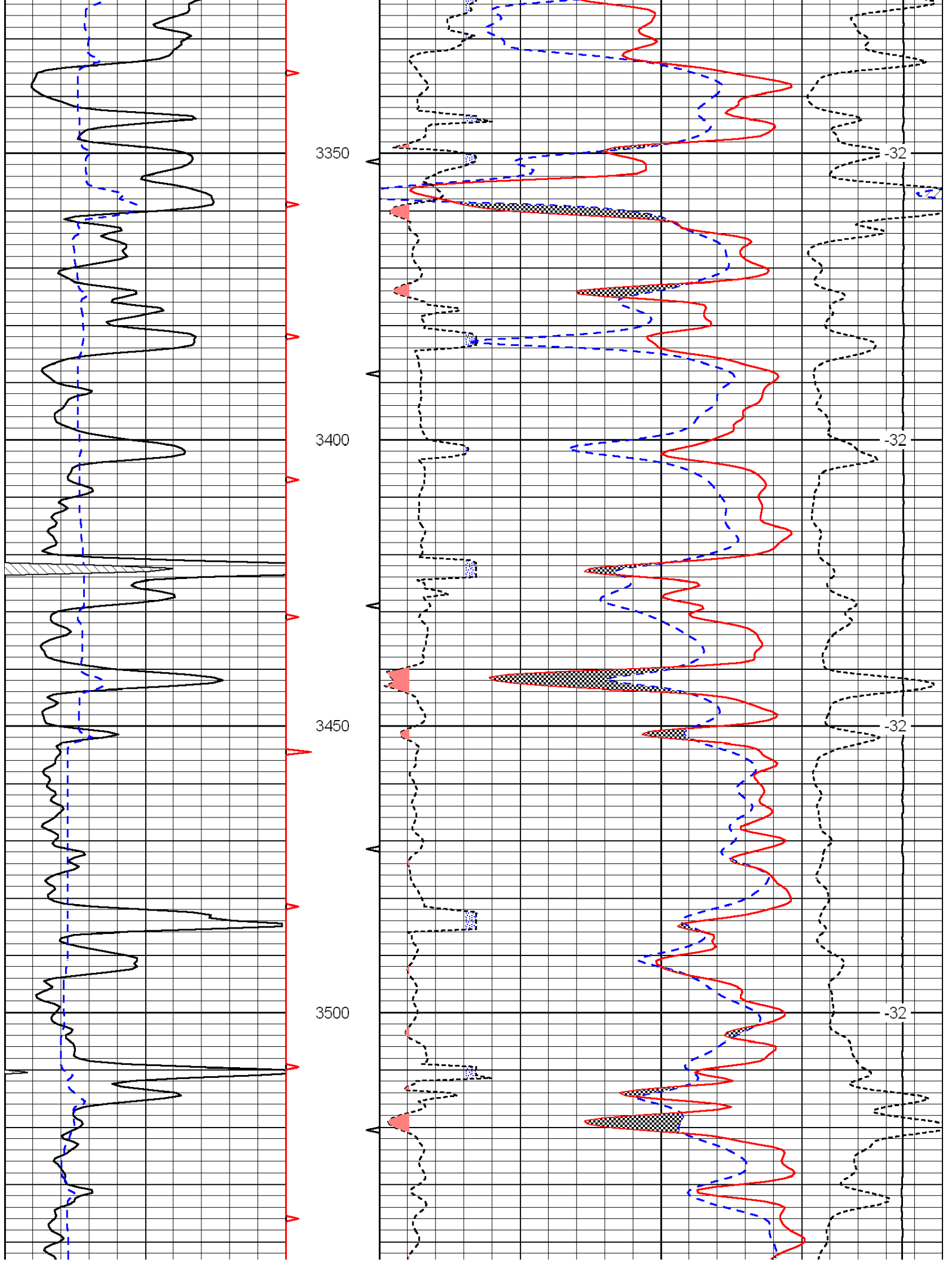
Database File: c:\warrior\data\tdi\_pfeifer no. 1\tdi\_pfeifer\_1hd.db  
 Dataset Pathname: dil\tdistck  
 Presentation Format: cndlspec  
 Dataset Creation: Mon Oct 03 13:11:25 2011  
 Charted by: Depth in Feet scaled 1:240

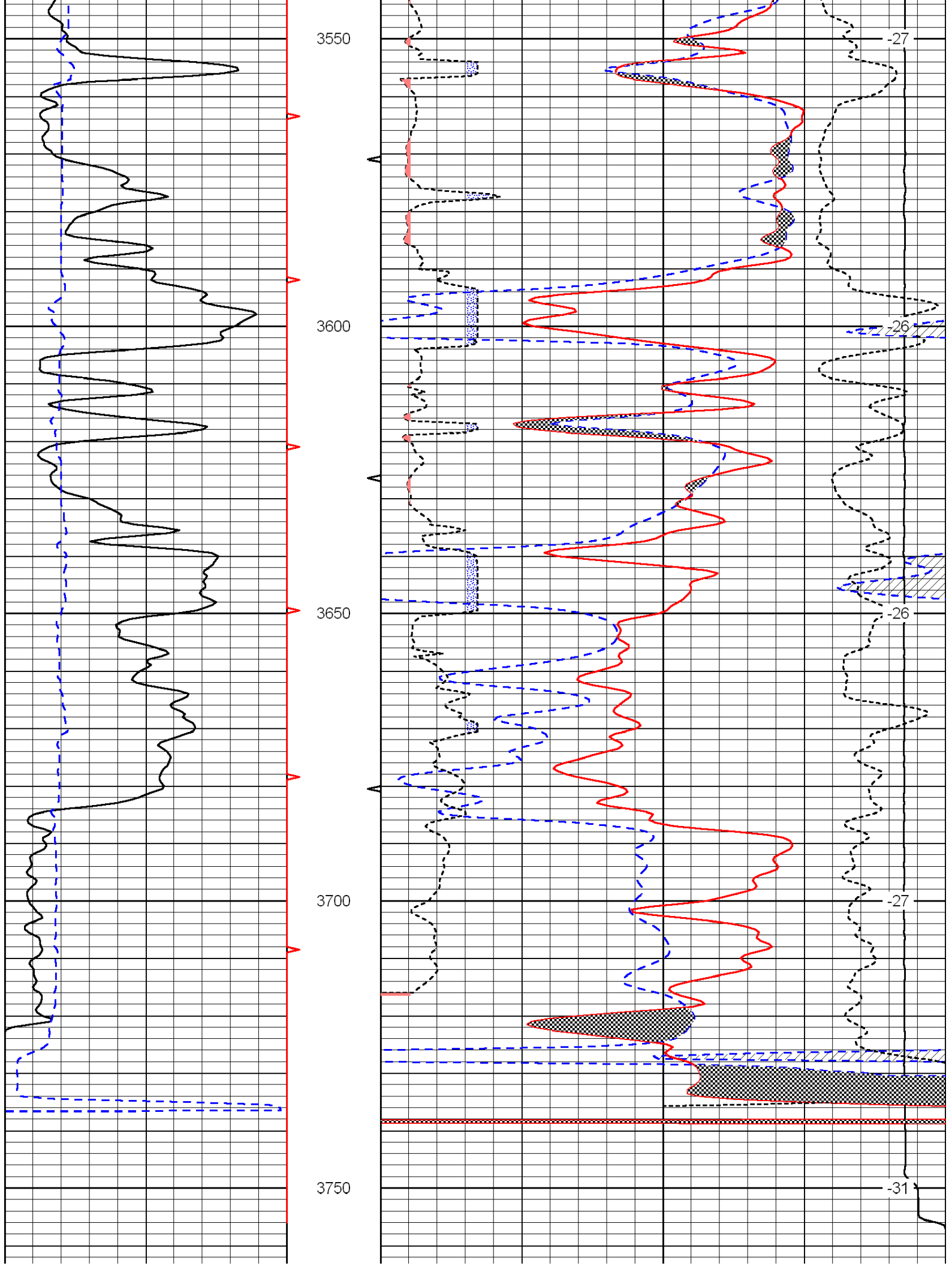
0	Gamma Ray	150
6	Caliper (GAPI)	16
30	Compensated Neutron (Limestone)	-10
30	Compensated Density (Limestone)	-10
2.625	DGA	3.425
-0.25	Correction	0.25











0	Gamma Ray	150
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	



Computer Processed  
Interpretation

DIGITAL LOG (785) 625-3858

15-051-26,184-00-00

API No.

Company TDI, Inc.

Well Pfeifer No. 1

Field Wildcat

County Ellis State

Kansas

Location

NW SE NW SE  
1,750' FSL & 1,700' FEL

Other Services  
DIL/CNL/CDL

Sec: 27

Twp: 14S

Rge: 18W

Elevation

Permanent Datum  
Log Measured From  
Drilling Measured From

Ground Level  
Kelly Bushing  
From Kelly Bushing

Elevation 2054  
10 Ft. Above Perm. Datum  
K.B. 2064  
D.F. 2054  
G.L. 2054

Date Recorded

10/3/2011

Depth Logger

3748

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 Tom Denning

Herb Deines

Analysis By Dale Legleiter

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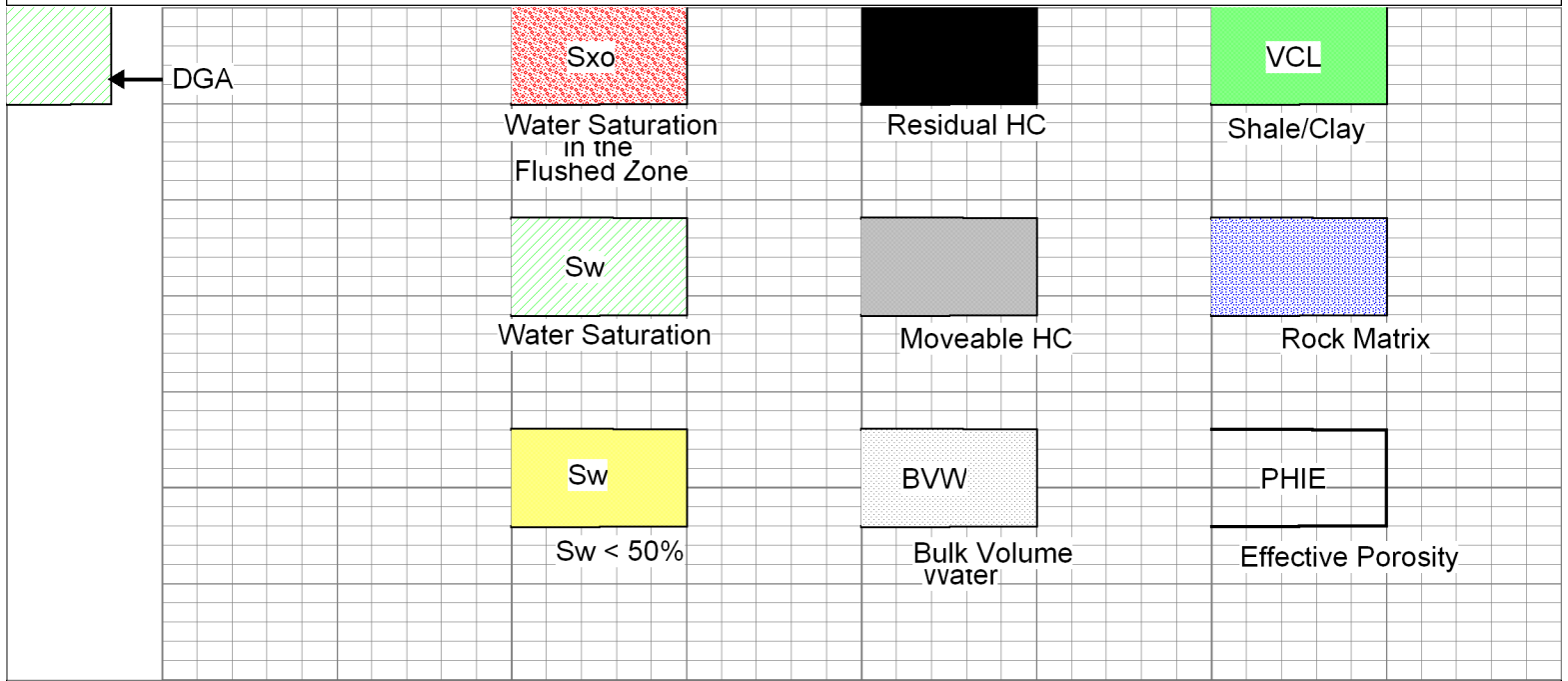
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Comments

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Hays, 4 South to Butterfield Trail Road, 3/4 East, North Into

Database File: c:\warrior\data\cross plots\2wxplt.db  
Dataset Pathname: litho  
Presentation Format: 2wxplt



Database File: c:\warrior\data\tdi\_pfeifer no. 1\tdi\_pfeifer\_1hd.db  
 Dataset Pathname: cpi/tdicpi  
 Presentation Format: calc  
 Dataset Creation: Mon Oct 03 13:35:09 2011  
 Charted by: Depth in Feet scaled 1:240

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

