



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1183788
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: _____

1183788

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 <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: 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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Form	ACO1 - Well Completion
Operator	J & K Crude LLC
Well Name	hug 01
Doc ID	1183788

Tops

Name	Top	Datum
Lansing	1035	+141
B/KC	1358	-182
Cherokee	1586	-410
Burgess Sd	2186	-1010
Miss Lm	2230	-1054
Kinderhook	2396	-1220
Hunton	2616	-1440
Maquoketa	2886	-1710
Viola	2958	-1782
Simp dol	3080	-1904
Simp Sd	3105	-1929
Arbuckle	3182	-2006

ALLIED OIL & GAS SERVICES, LLC 061969

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT: Greent Bend

DATE <u>11-21-13</u>	SEC <u>34</u>	TWP <u>8</u>	RANGE <u>15</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Hug</u>	WELL # <u>01</u>	LOCATION <u>Topeka - 75 N to rd 14 2 1/2 mi</u>		COUNTY <u>Jackson</u>	STATE <u>KS</u>		
OLD OR NEW (Circle one) <u>NEW</u>			Rig area Rd Q, 1/2 mile to Gate				

CONTRACTOR Summit drilling

TYPE OF JOB pipe job

HOLE SIZE 7 7/8 T.D.

CASING SIZE 5 1/2 DEPTH 3186.77

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 11 @ 7 FT

PERFS.

DISPLACEMENT 79.78 bbl fresh water

EQUIPMENT

PUMP TRUCK CEMENTER Josh Isaac

597 HELPER Tim Jackson

BULK TRUCK

1003 DRIVER Dan Casper

BULK TRUCK

DRIVER

OWNER

CEMENT

AMOUNT ORDERED 150 ASC 2% gel 6 1/2 gal gel
10% salt 5# Kelsol 3% fl 160 xdf

COMMON	@		
POZMIX	@		
GEL	@		
CHLORIDE	@		
ASC <u>150</u>	@	<u>20.90</u>	<u>3135.00</u>
<u>Gilsonite 750</u>	@	<u>1.98</u>	<u>735.00</u>
<u>Fl-160 45</u>	@	<u>18.90</u>	<u>850.50</u>
<u>Dv-1100 500</u>	@	<u>1.27</u>	<u>635.00</u>
	@		
	@		
	@		
	@		
HANDLING <u>202.95</u>	@	<u>2.48</u>	<u>503.81</u>
MILEAGE <u>1643.12</u>	@	<u>2.60</u>	<u>4272.11</u>
TOTAL			<u>10130.22</u>

REMARKS:

on location - Rig up - had safety meeting
Break circulation w/ rig mud - pump ball down - 21 cpsi
Circulate for 1 hr - hook up cement pump
Pump 1000 barrels
Mix 150 ASC 2% gel 6.5 gal gel, 10% salt 5# Kelsol, 3% fl 160
Deep plug
Displace 76.78 bbl fresh water
Deep plug 7100 psi
Rig down

SERVICE

DEPTH OF JOB	<u>3186.77</u>		
PUMP TRUCK CHARGE	<u>2.558</u>	<u>15</u>	
EXTRA FOOTAGE	@		
MILEAGE <u>HUM 195</u>	@	<u>7.70</u>	<u>1501.50</u>
MANIFOLD	@	<u>275.00</u>	<u>275.00</u>
<u>Hum 195</u>	@	<u>4.40</u>	<u>858.00</u>
<u>wait time 7 hrs</u>	@	<u>440.00</u>	<u>3080.00</u>

TOTAL: 5193.35

CHARGE TO: J & K crude LLC

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

<u>Latch down</u>	@	<u>398.75</u>	<u>398.75</u>
<u>4 - Centralizers</u>	@	<u>28.40</u>	<u>113.60</u>
<u>1 - Basket</u>	@	<u>159.40</u>	<u>159.40</u>
<u>600 gal mud loss</u>	@		
<u>float shoe</u>	@	<u>339.00</u>	<u>339.00</u>
TOTAL			<u>1011.05</u>

To: Allied Oil & Gas Services, 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 X Lew E Walker

SIGNATURE [Signature]

Thank you!!

SALES TAX (If Any) _____

TOTAL CHARGES 16.335

DISCOUNT 4.290

12.044 PAID IN 30 DAYS

GEOLOGISTS REPORT

for

HUG #1

**SE ¼, SE ¼, NW ¼,
sec. 34, 8 S, 15 E
JACKSON COUNTY, KANSAS**

API-15-085-20087-00-00

November, 2013

By

**George E. Petersen, C.P.G., R.G.
DEACON GEOLOGY INC.**

GEOLOGISTS REPORT: HUG #1

November 14, 2013: On location, 6:45 AM.

November 21, 2013: Released from location 3:30 AM upon completion of logging.

All measurements are from a KB elevation of 1176'. GL 1166'

FORMATION	SAMPLE DEPTH	LOG DEPTH	DATUM
<i>Lansing</i>	<i>1037</i>	<i>1035</i>	<i>+141</i>
<i>B/KC</i>	<i>1358</i>	<i>1358</i>	<i>-182</i>
<i>Cherokee</i>	<i>1586</i>	<i>1586</i>	<i>-410</i>
<i>Burgess Sd</i>	<i>2186</i>	<i>2186</i>	<i>-1010</i>
<i>Miss Lm</i>	<i>2232</i>	<i>2230</i>	<i>-1054</i>
<i>Kinderhook</i>	<i>2398</i>	<i>2396</i>	<i>-1220</i>
<i>Hunton</i>	<i>2618</i>	<i>2616</i>	<i>-1440</i>
<i>Maquoketa</i>	<i>2870</i>	<i>2886</i>	<i>-1710</i>
<i>Viola</i>	<i>2960</i>	<i>2958</i>	<i>-1782</i>
<i>Simp dol</i>	<i>3080</i>	<i>3080</i>	<i>-1904</i>
<i>Simp Sd</i>	<i>3105</i>	<i>3105</i>	<i>-1929</i>
<i>Arbuckle</i>	<i>3184</i>	<i>3182</i>	<i>-2006</i>

RTD 3200 LTD 3198

Sample returns were examined microscopically from base of surface pipe to TD for the presence of visible hydrocarbons. Potential units capable of carrying oil or gas were examined under a black light for visible fluorescence. Various tops of units were derived from the drilling time log, and sample returns and the DIL log

Sample descriptions were grouped with some units being named and other intervals being identified by drilling depth.

222' to top of Lansing at 1037. All depths measured from KB of 1076.

The interval from 222' to the top of the Lansing /Kansas City contains many limestone and sand units that may carry hydrocarbons in some areas of the state. Samples from these intervals were examined microscopically for the presence of hydrocarbon accumulations. There is the probability that some of the sand intervals may contain gas; however, there is no market in the area and the sands have not been tested to see if they can even produce.

LANSING GROUP/KANSAS CITY GROUP:

The log top of the Lansing was reached at a sample depth of 1037' (-141). This sequence of alternating limestone's and shale with an occasional sand or coal interval has been non-productive in this area and there were no shows in this sequence in this well.

SIMPSON SAND:

The Simpson sand lies in direct contact with the overlying Simpson dolomite. The sand is a well -rounded, friable clear to white quartz sand. There was a very good show of free oil, fluorescence and cut throughout the majority of the interval. The CNL log showed excellent porosity values.

ARBUCKLE:

The Arbuckle top was reached at a log depth of 3182' (-2006). There was a dark gray to black shale separating the base of the Simpson sand and the hard dark brown dolomite of the Arbuckle. There were no shows in the portion of the unit that was penetrated. Drilling was suspended at a drilled depth of 3200 when drilling time per foot was exceeding 10 minutes.

SUMMARY:

The two primary intervals that were thought to be productive in this well, were the Hunton and Viola. Neither zone had positive shows of oil in either the samples or on the logs that were run.

Further drilling found good oil shows in the Simpson Dolomite. The interval between 3092 and 3102 (log depth) had good evidence of permeability on the Micro log. Log analysis of this interval is ongoing and the SW values are yet to be determined. This interval appears to be the interval that will be selected for perforating when the well is completed.

The Simpson underlying the dolomite had a very good oil show throughout its entire interval. The logs appear to indicate that the water to oil ratio may be to excessive to try to produce at this time. At such time as a disposal well can be established nearby, this zone may be completed with the much higher water to oil ratio than can be produced without a disposal nearby.

The wildcat location of this well indicates the probability that other successful well locations may be found in the nearby vicinity.

DISCLAIMER:

The author of this report is an independent Geologist and not an employee of J & K Crude LLC. The author has an ORRI if there is a successful completion of this well.

Respectfully

George E. Petersen
George E. Petersen AIRG, C.P.G.
DEACON GEOLOGICAL INC.
3223 SW MacTore Rd.
Topeka, KS 66604



Licensed Geologist - Kansas
No. 166

Certified Professional Geologist- American Institute of Professional Geologists
No.4651

CHEROKEE SECTION:

The Cherokee section had an overall thickness of 644 feet. This interval is composed of thick shale segments with inter-bedded sand and coal deposits scattered throughout the interval. The coal and sands may contain limited amounts of gas.

The Burgess sand is found at the base of the Cherokee section in this well. The sand has an upper 24 foot thick sand and a lower 10 foot thick sand. The wall cake build up on the CNL log indicates good porosity and permeability. There were no visible shows of hydrocarbons present in the samples from this interval.

MISSISSIPPIAN LIME:

This geologic unit was reached at a log depth of 2230' (-1054). There were no shows of hydrocarbon present in the samples from this interval.

HUNTON:

The Hunton was reached at a log depth of 2616' (-1440). There was a slight show of free oil in vugular porosity found in samples that were lagged back to the 2616-2620 samples. There was no odor present and only slight fluorescence when solvent was added. Due to the very limited show and no odor, no DST was ordered for this interval. DST results on similar shows in wells to the NW of this well also had negative results.

The samples from the remainder had no visible shows of oil or gas. A detailed analysis of the Hunton log signatures will be done before final completions plans Made.

MAQUOKETA:

The Maquoketa samples from this well consisted of a dolomitic shale and there were no shows of oil or gas from this interval in this well.

VIOLA:

The log top of the Viola was 2958' (-1782). There was a drilling break from 3453 to 3456. Sample returns consisted of a grey dolomitic limestone. There was a single spot of free oil in a piece of pyrite. No odor was noticed and only mineral fluorescence under black light. There was a drilling break from 2964-68 and from 2975-82. Samples from these intervals had no show or odor and only a slight stain. There is no potential for the production of oil from the Viola in this well.

SIMPSON DOLOMITE:

The top of the Simpson dolomite was called at a log depth of 3080' (-1904). The Sample returns contained dark brown dolomite with some sandy dolomite sample chips being observed. There was a show of free oil in good inter-crystal porosity and a strong odor was noted from the samples. The application of a solvent yielded bright streaming cuts and fluorescence from the samples.



Pioneer Energy Services

Dual Induction Log

API No.	15-085-20,087-00-00		
Company	J & K Crude LLC		
Well	Hug No.01		
Field	Wildcat		
County	Jackson	State	Kansas
Location	2970' FSL & 2310' FWL		
Sec: 34	Twp: 8S	Rge: 15E	Other Services CNL/CDL MEL

Permanent Datum	Ground Level	Elevation	1166
Log Measured From	Kelly Bushing	10 Ft. Above Perm. Datum	
Drilling Measured From	Kelly Bushing		
Date	11/20/2013		
Run Number	One		
Depth Driller	3200		
Depth Logger	3199		
Bottom Logged Interval	3198		
Top Log Interval	200		
Casing Driller	8.625 @ 220		
Casing Logger	222		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity,ppm CL	800		
Density / Viscosity	9.3	50	
pH / Fluid Loss	10.5	8.0	
Source of Sample	Flowline		
Rm @ Meas. Temp	.95	@ 45	
Rmf @ Meas. Temp	.71	@ 45	
Rmc @ Meas. Temp	1.28	@ 45	
Source of Rmf / Rmc	Charts		
Rm @ BHT	.4	@ 108	
Operating Rig Time	4 Hours		
Max Rec. Temp. F	108		
Equipment Number	17		
Location	Hays		
Recorded By	C. Desaire		
Witnessed By	George Petersen		

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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.

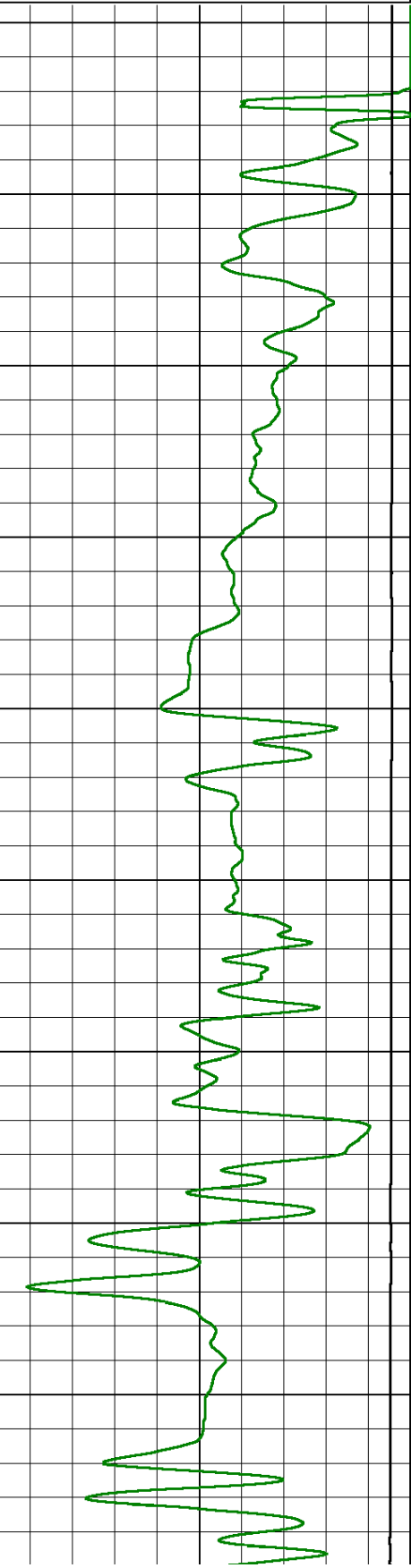
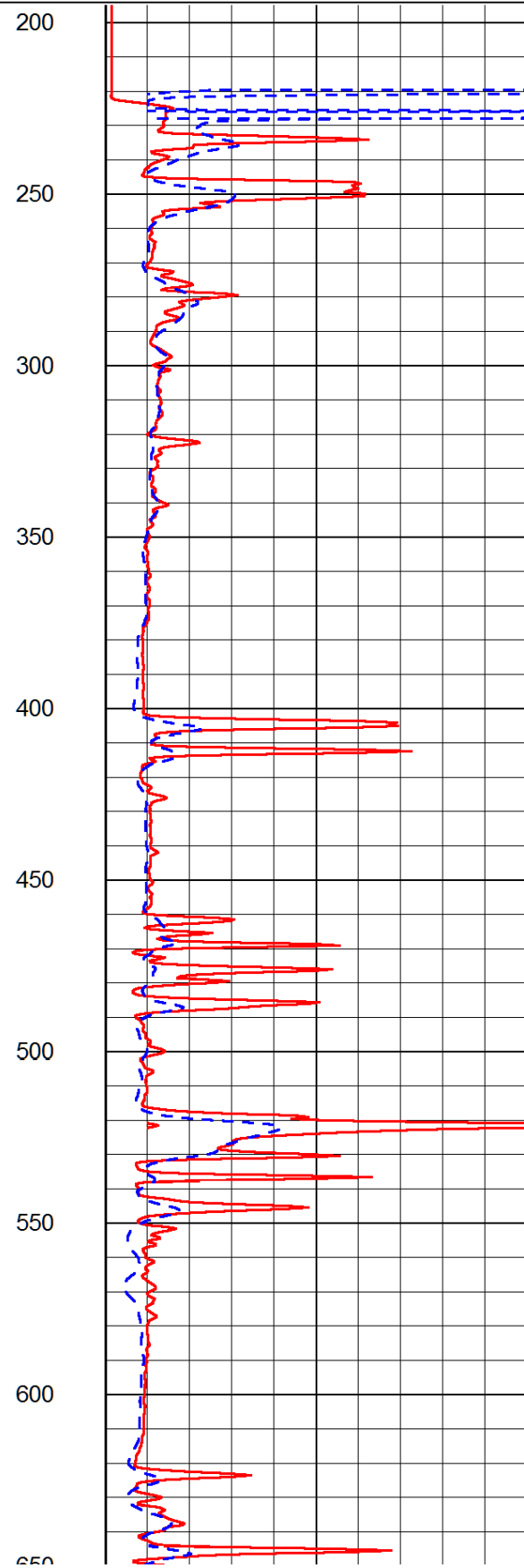
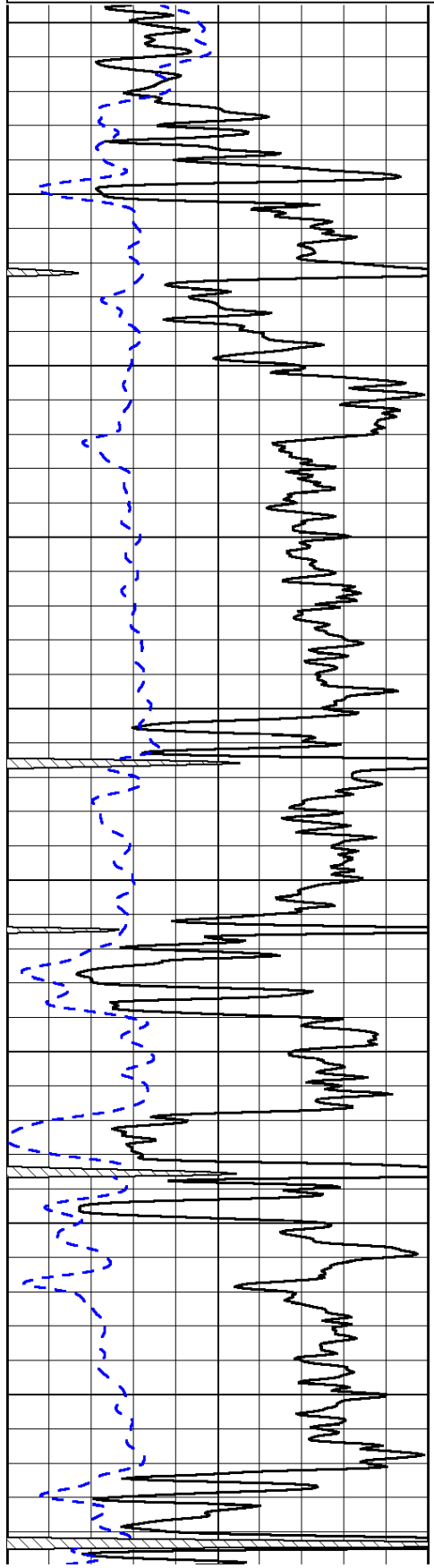
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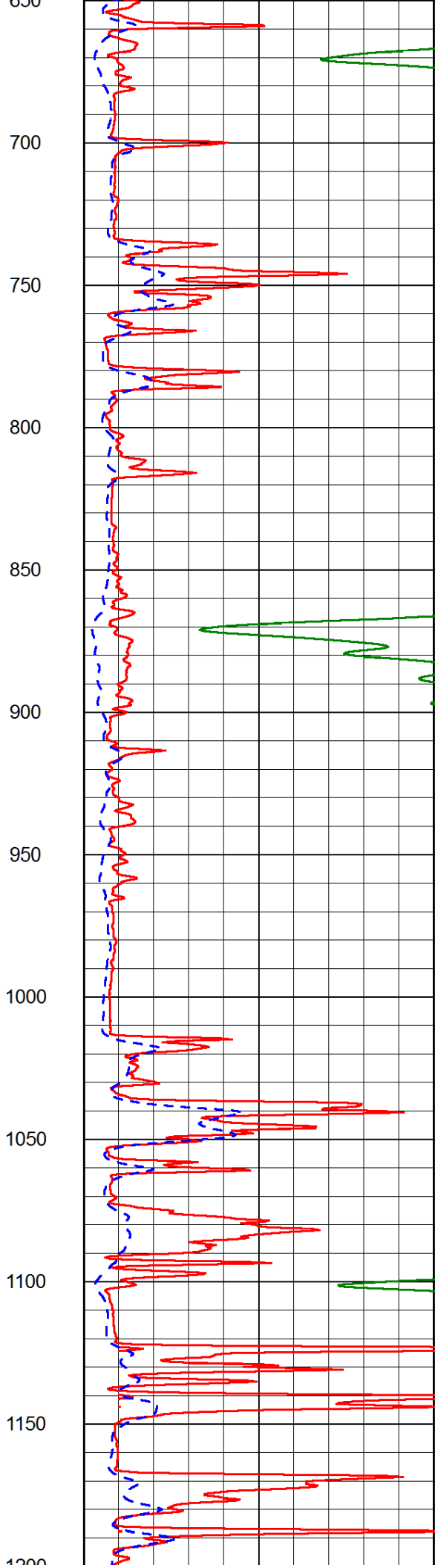
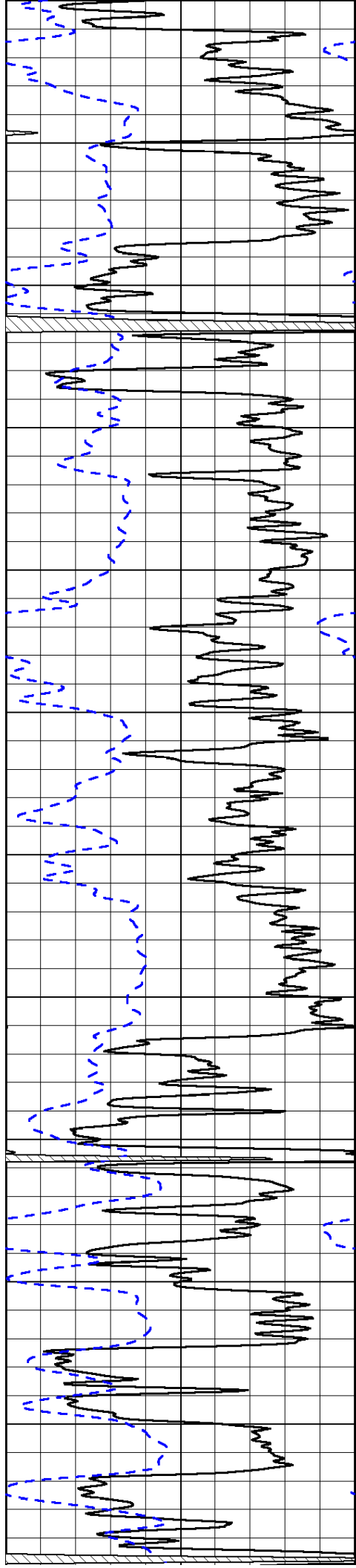
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(785) 625-3858

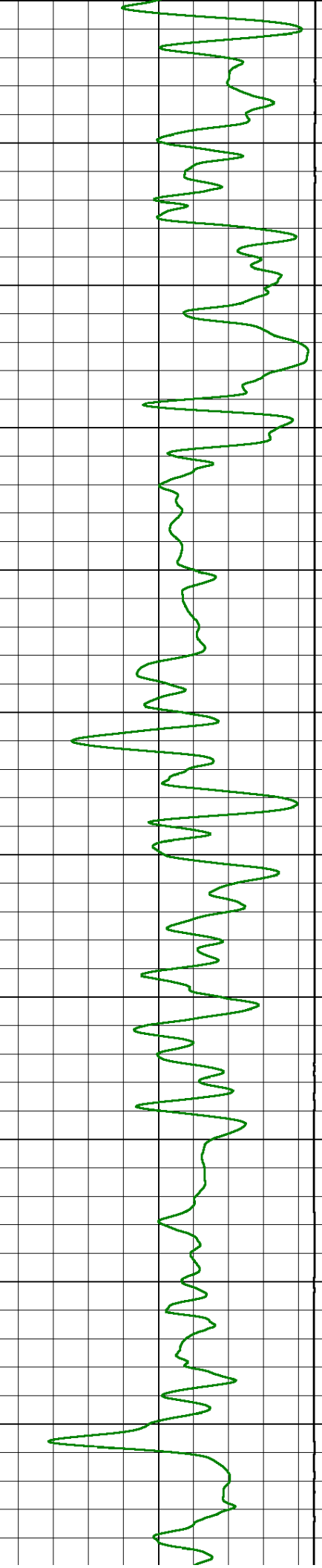
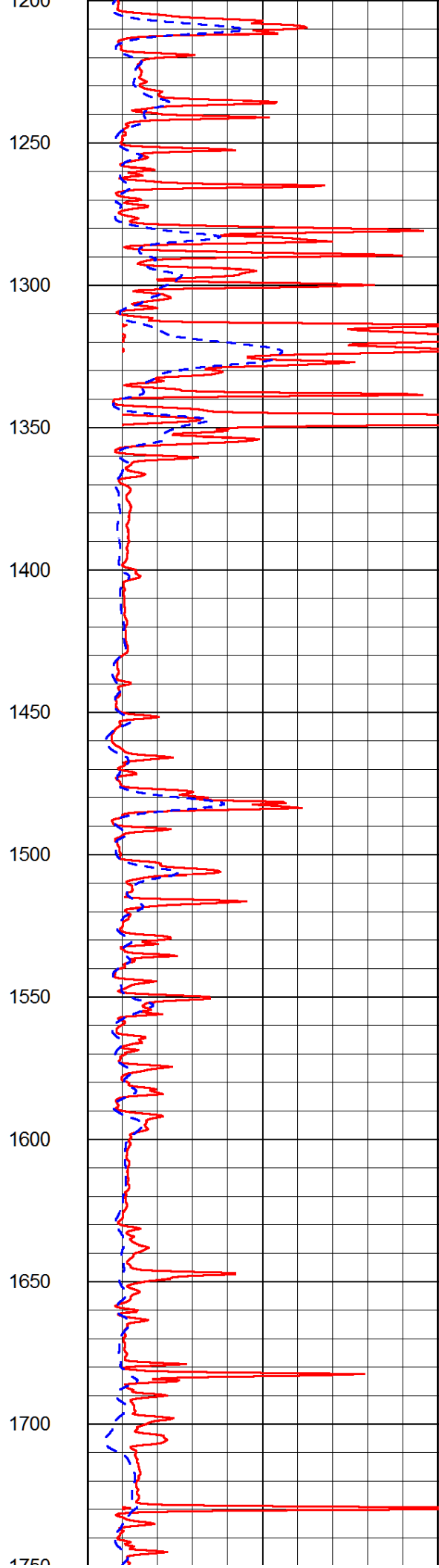
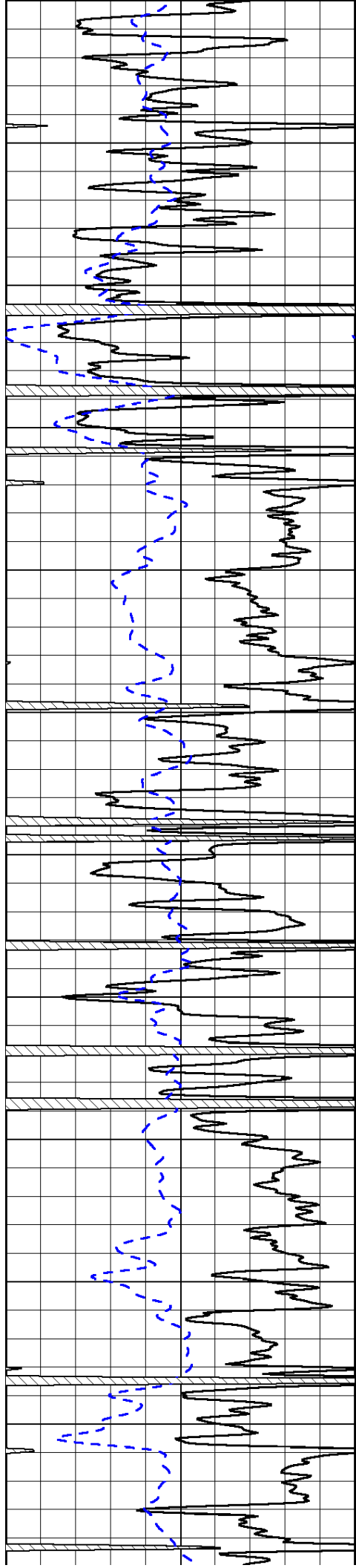
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1 1/4 W, 1/2 N, E Into at gate

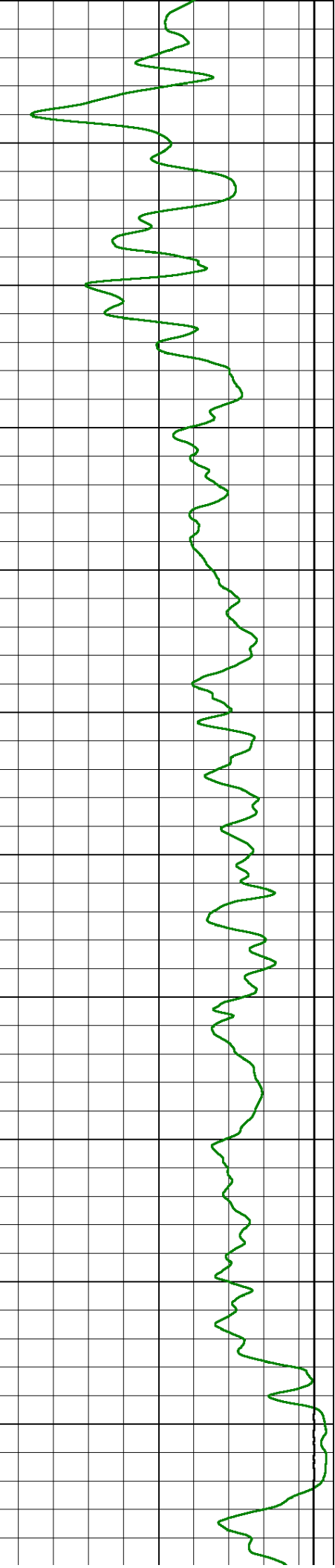
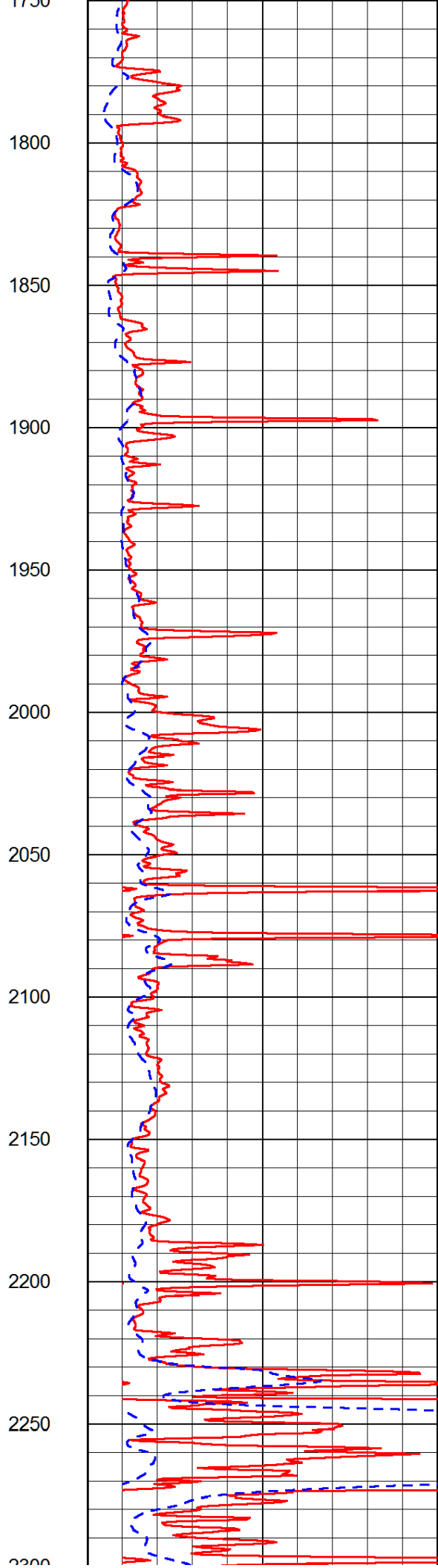
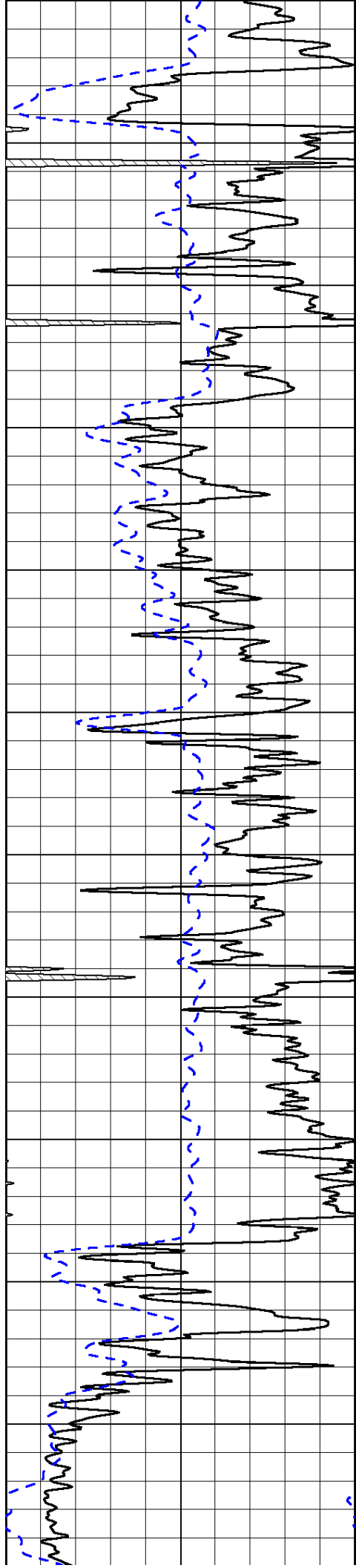
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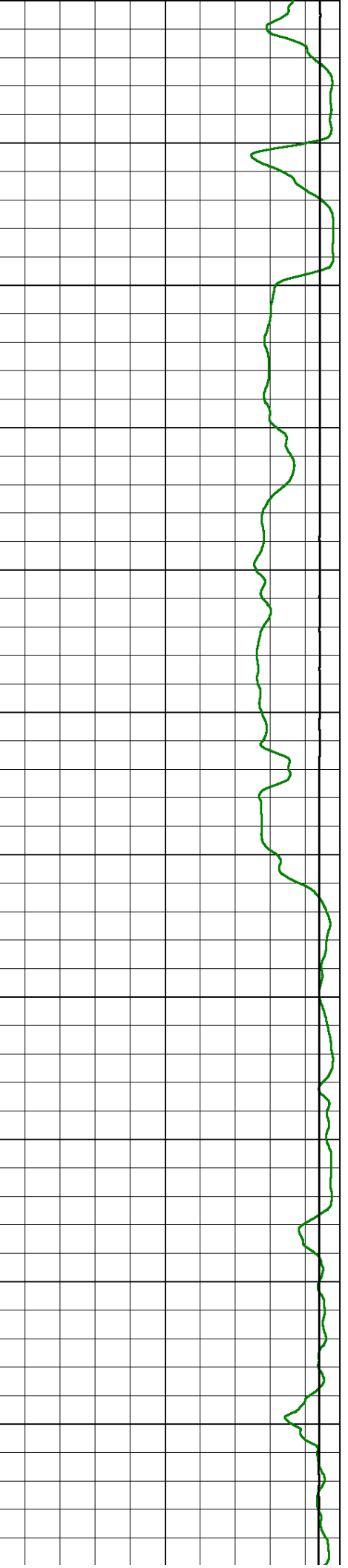
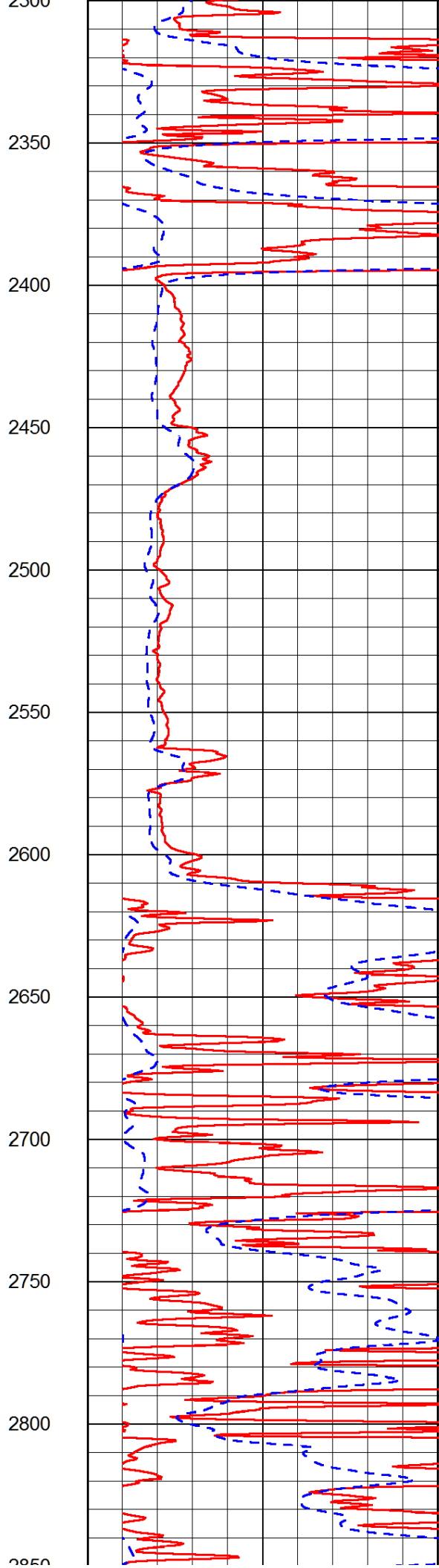
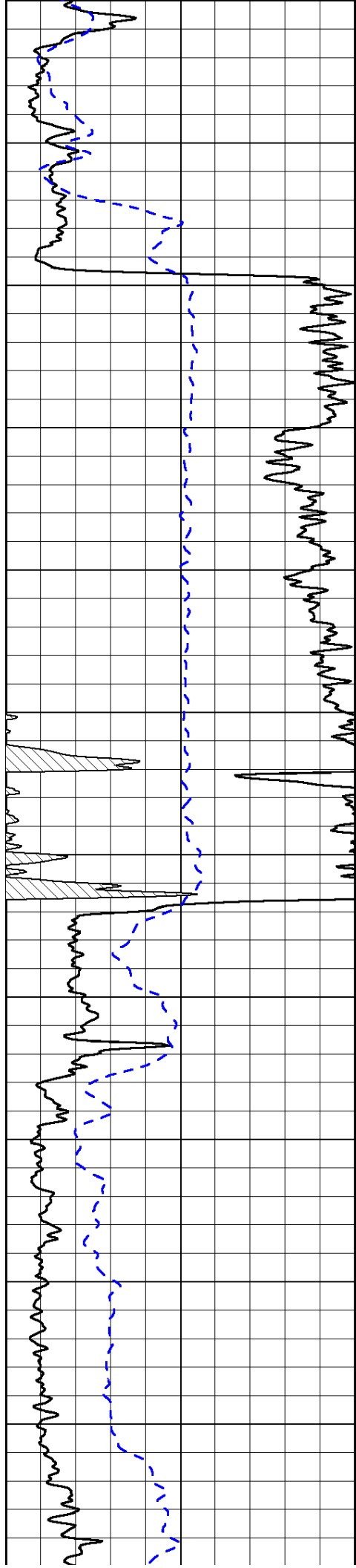
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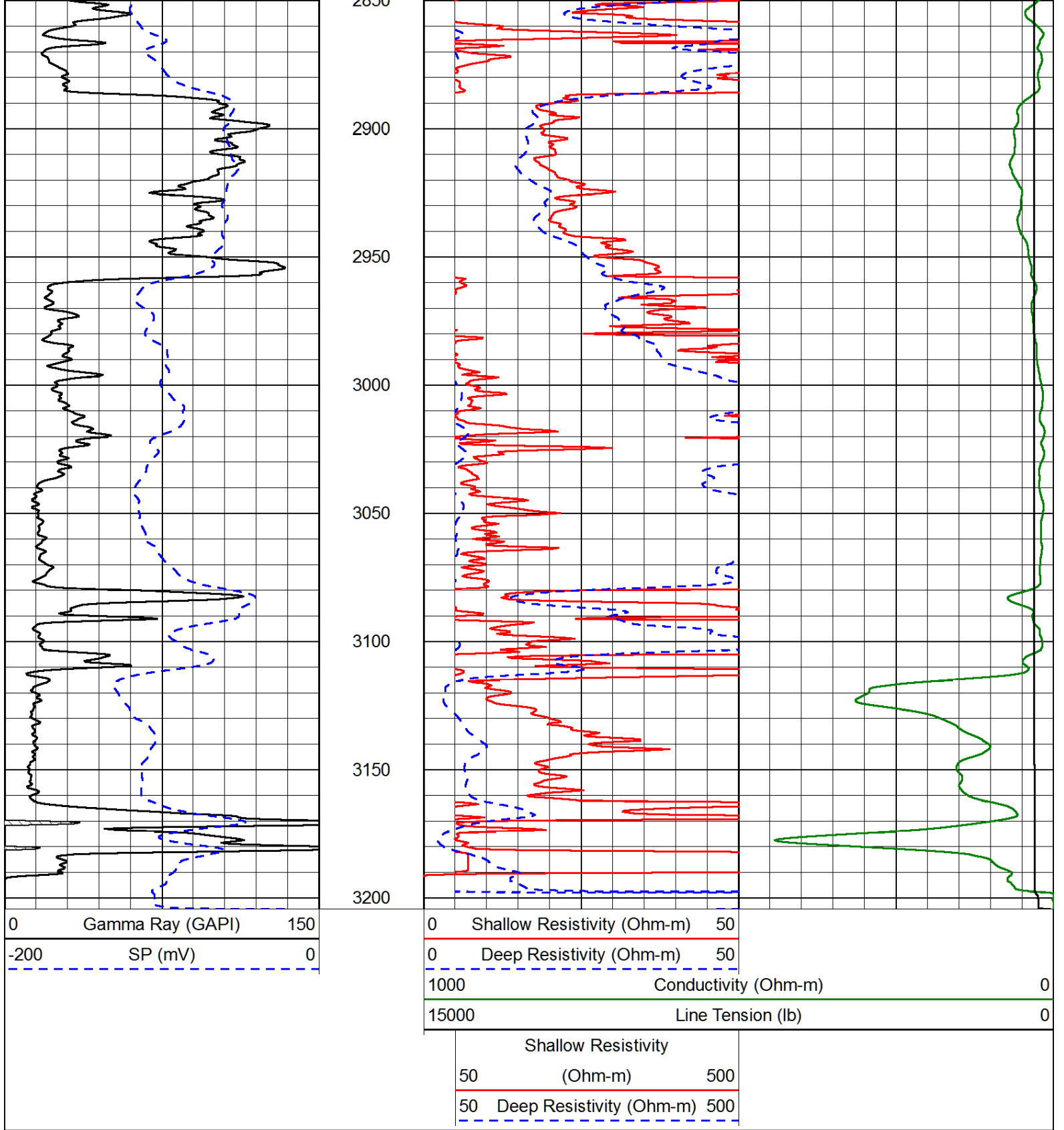




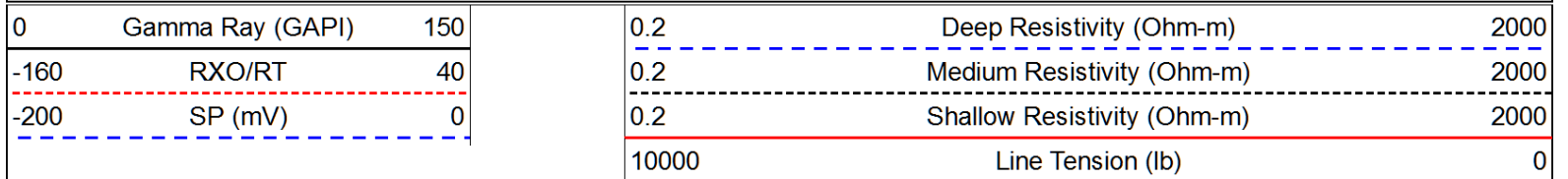


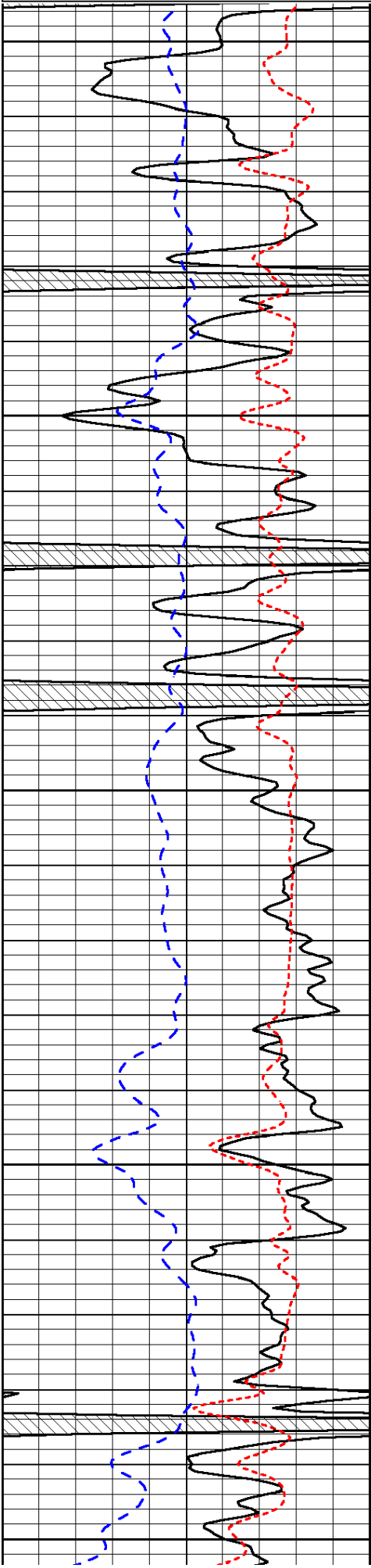




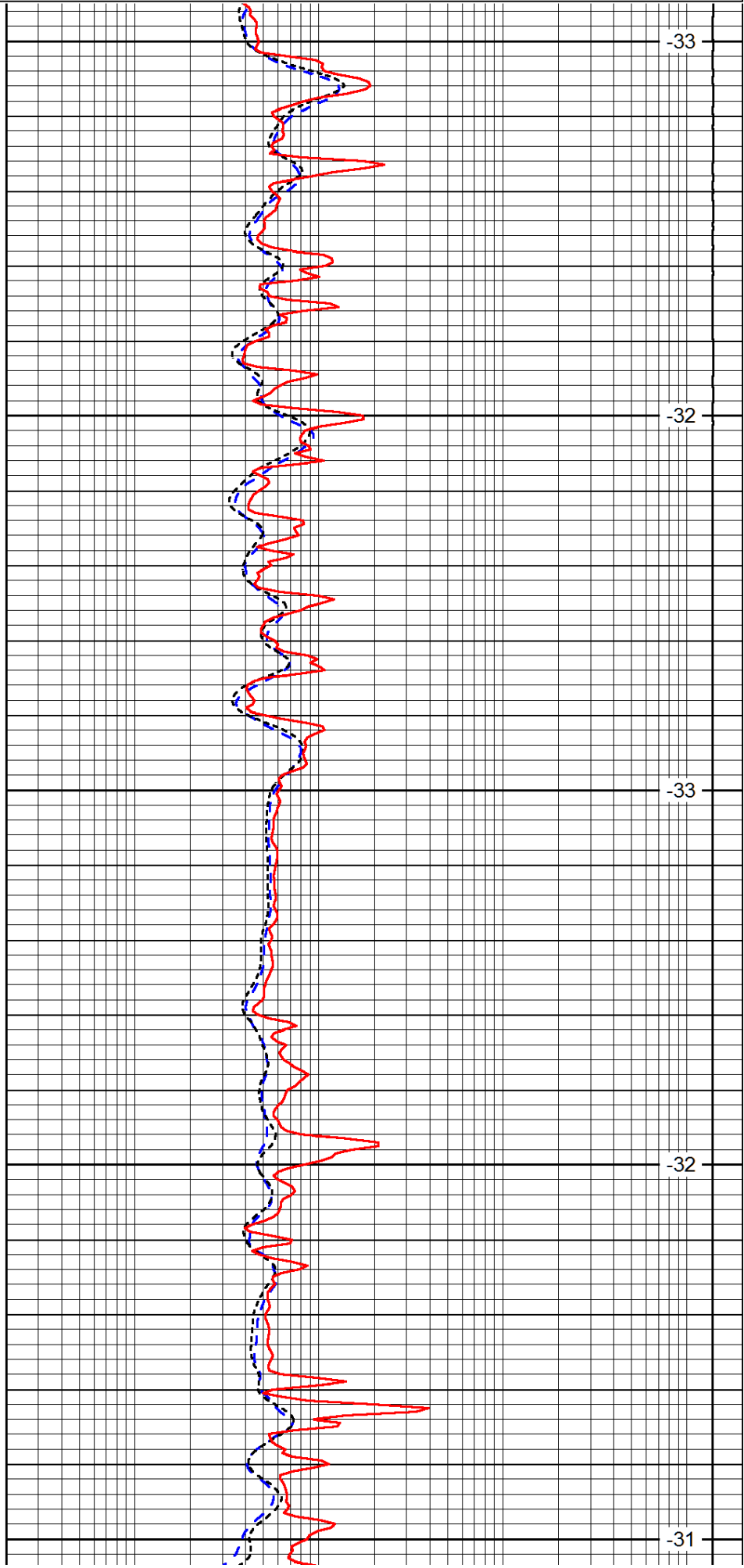


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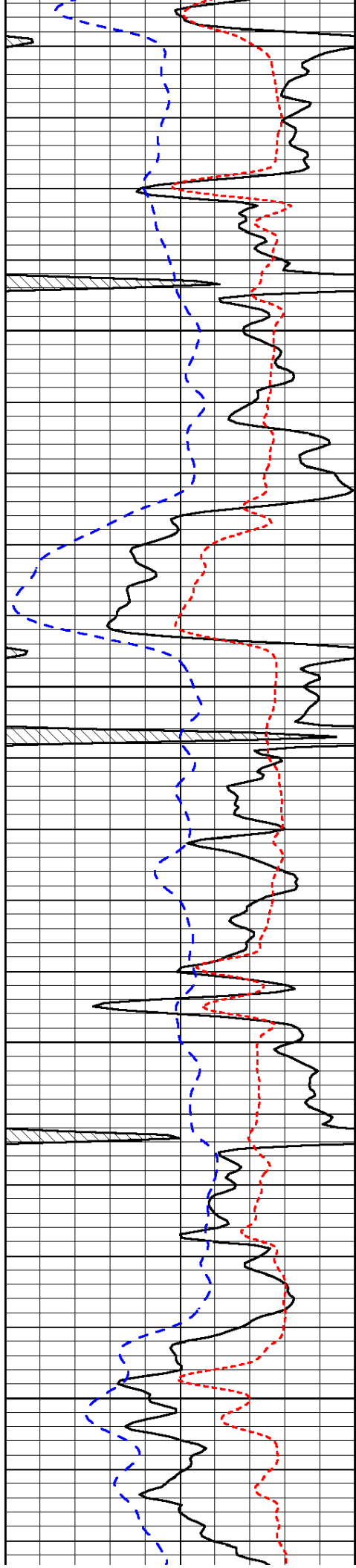




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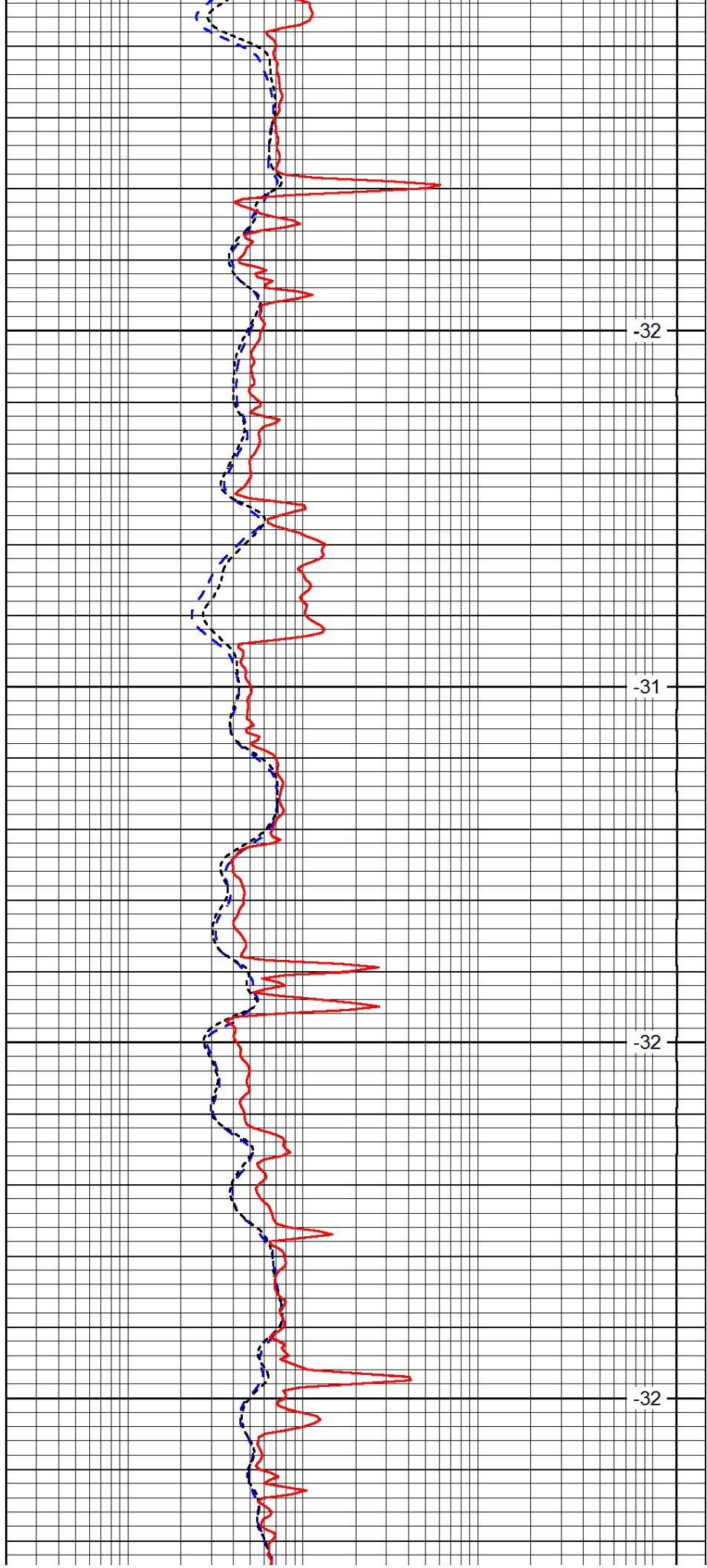


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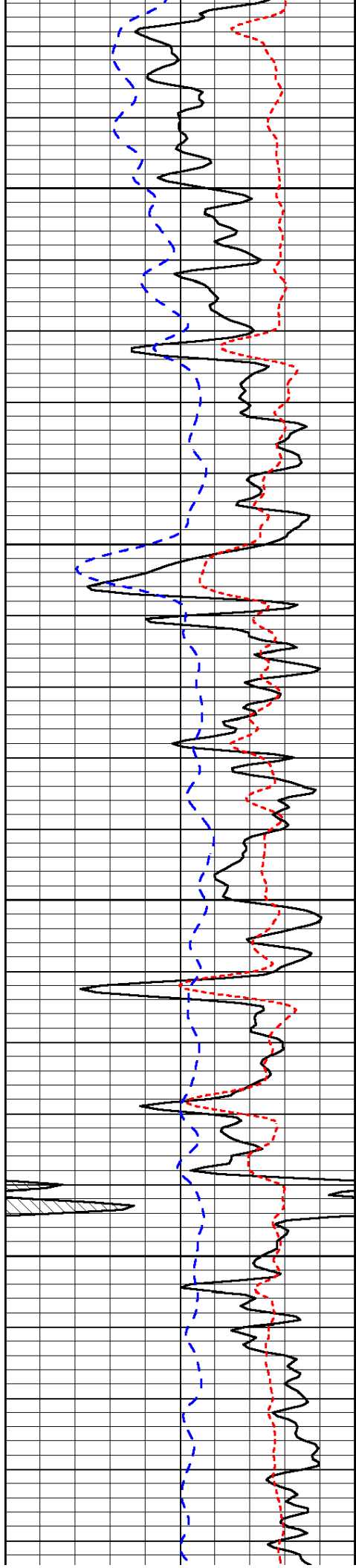


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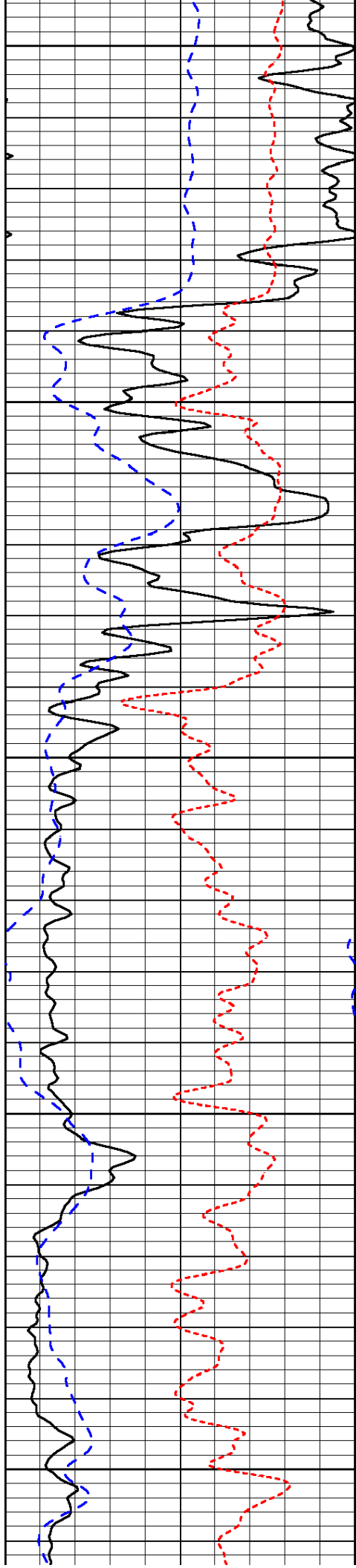
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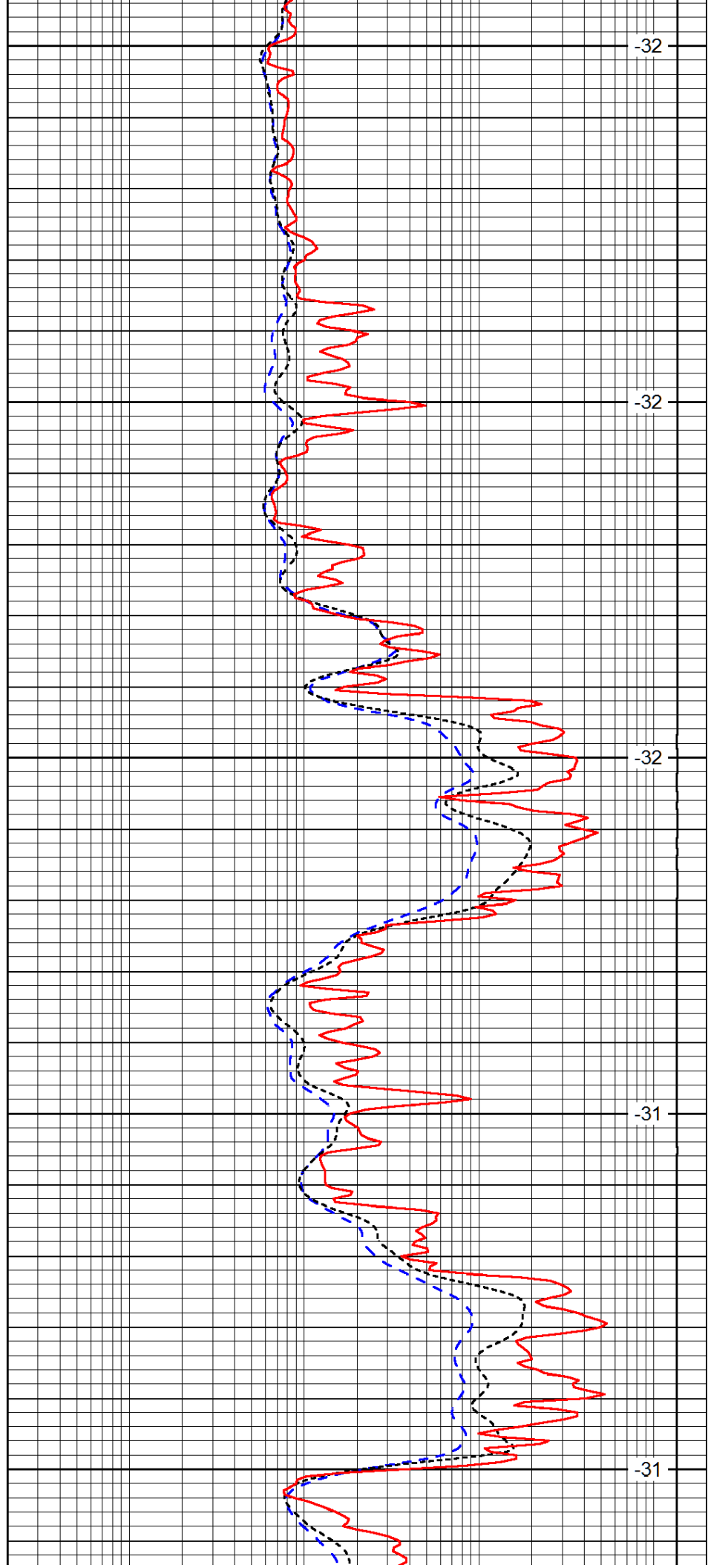
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2300

2350



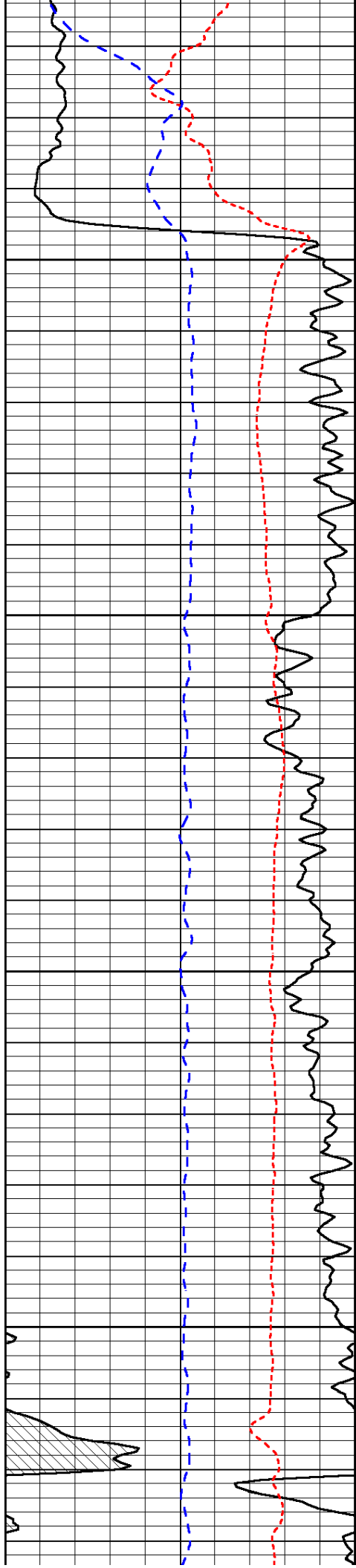
-32

-32

-32

-31

-31



2400

2450

2500

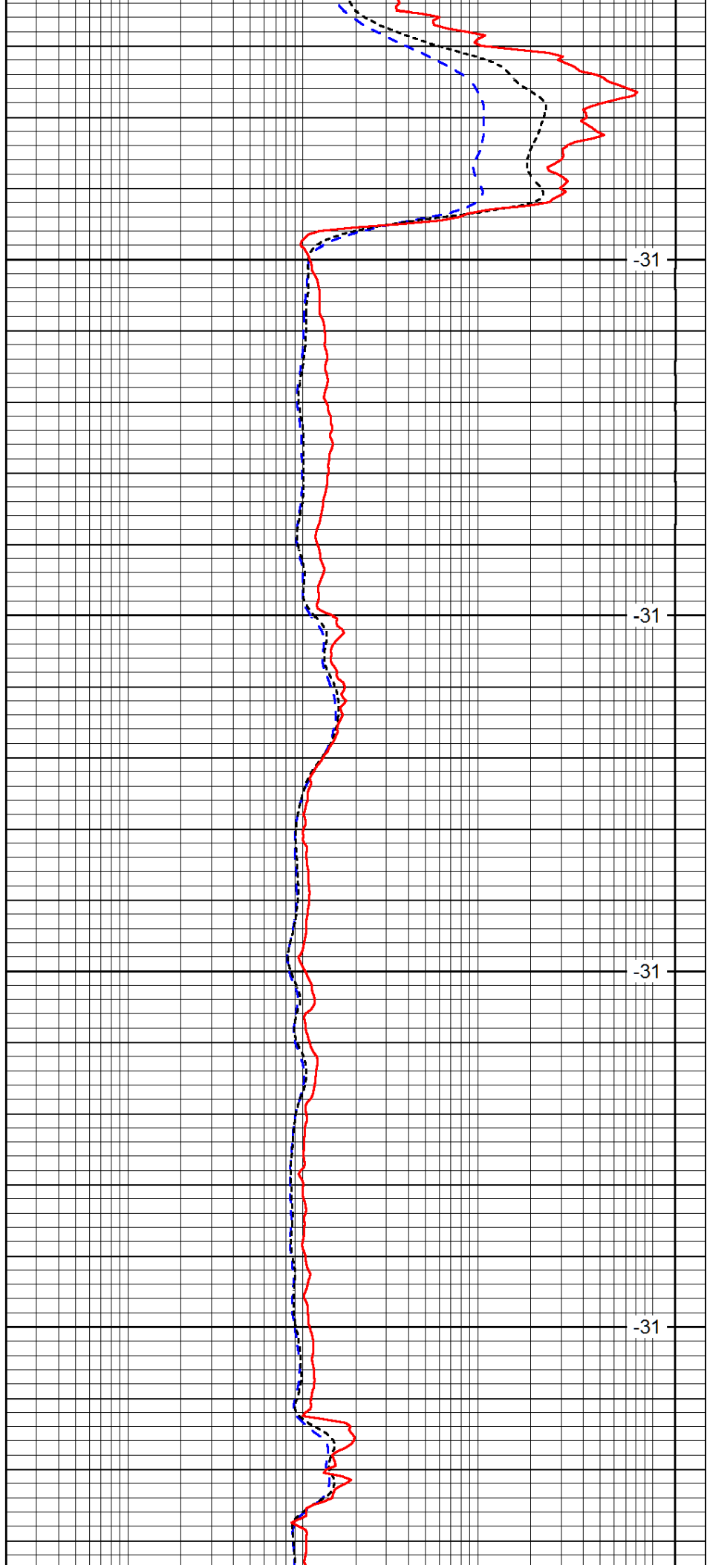
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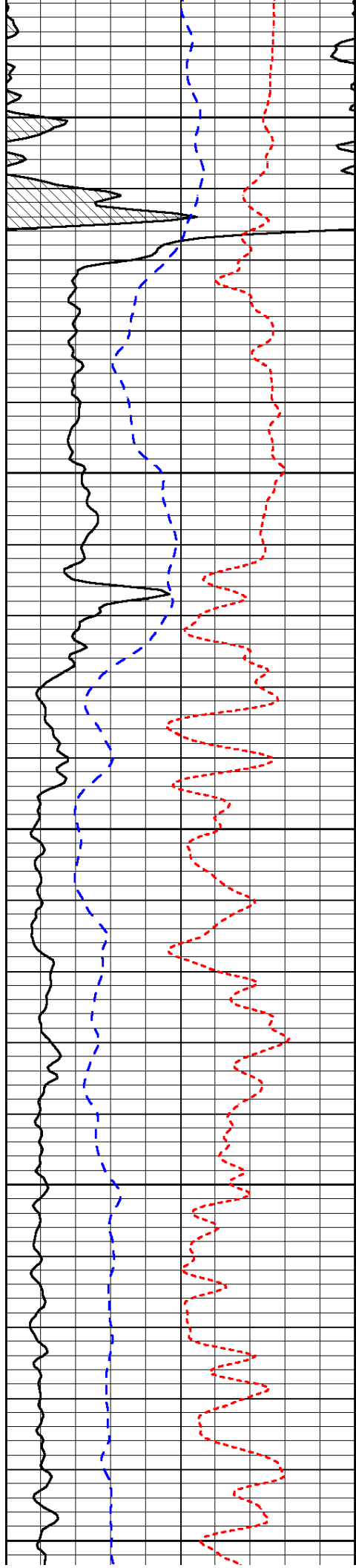
-31

-31

-31

-31





2600

2650

2700

2750

2800

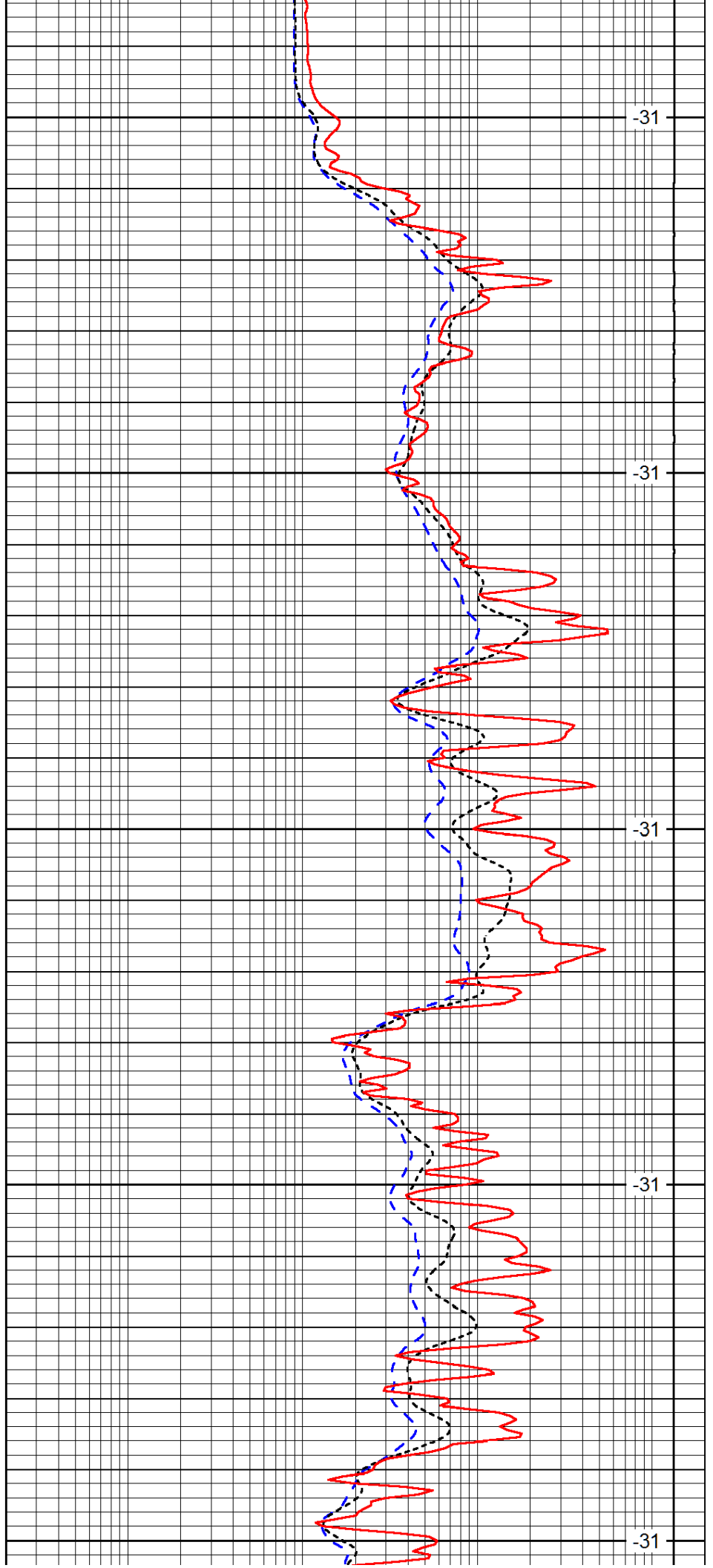
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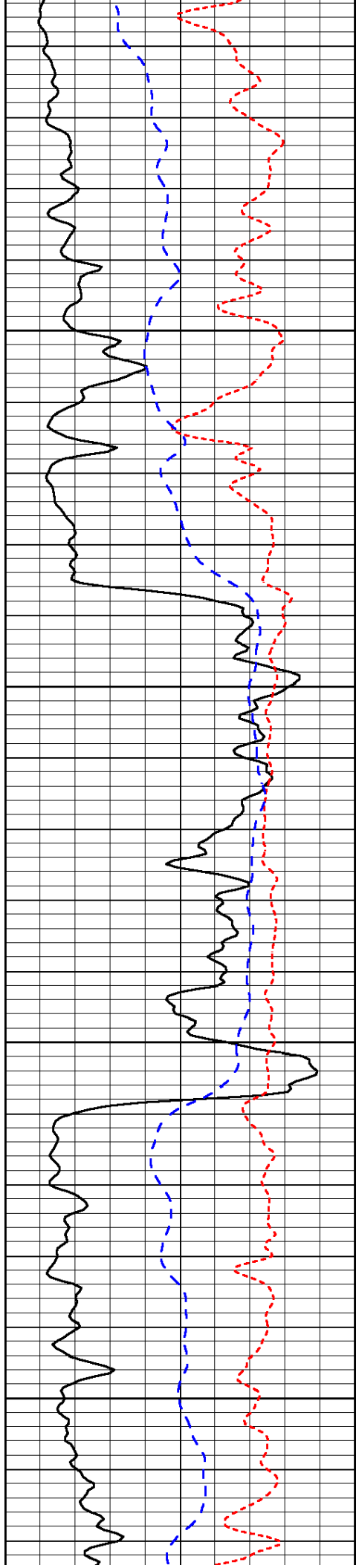
-31

-31

-31

-31



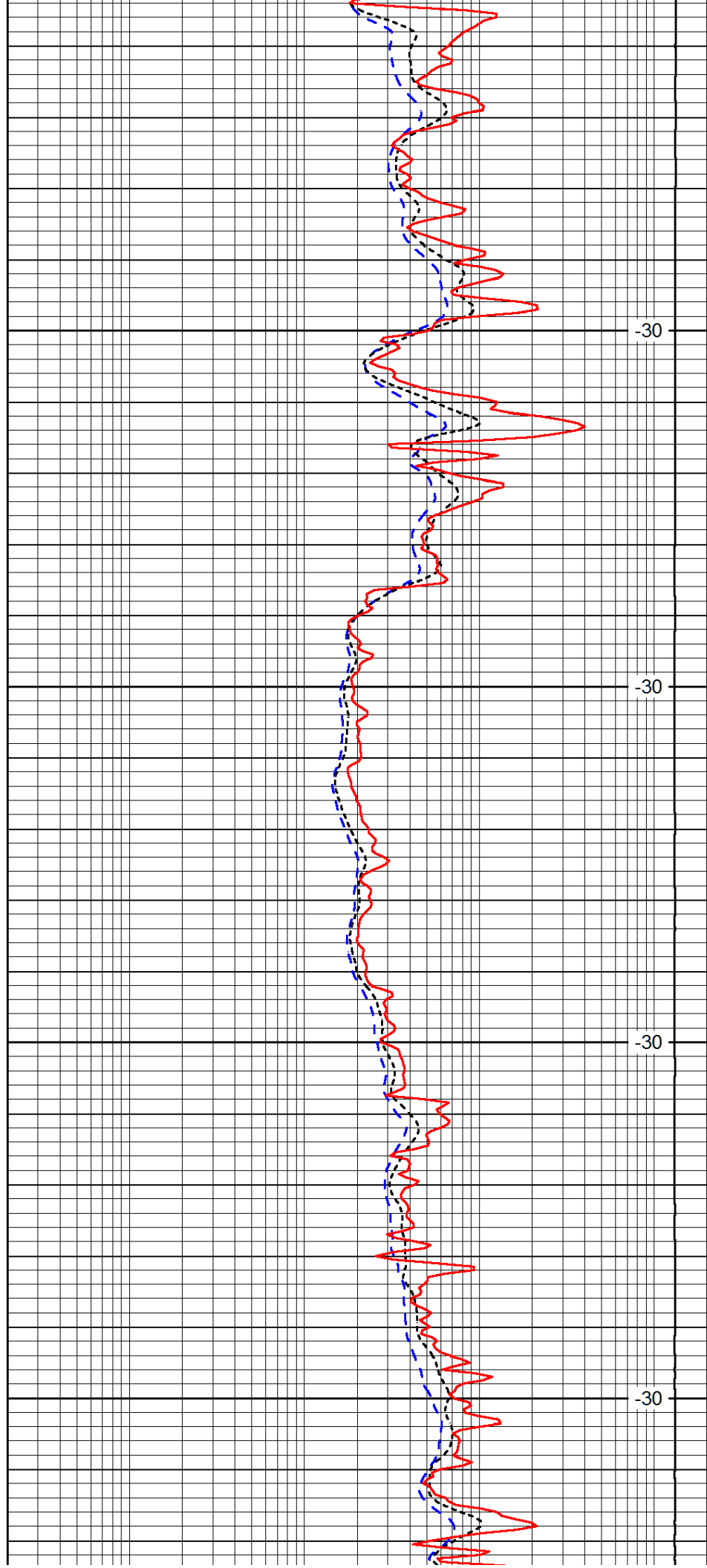


2850

2900

2950

3000

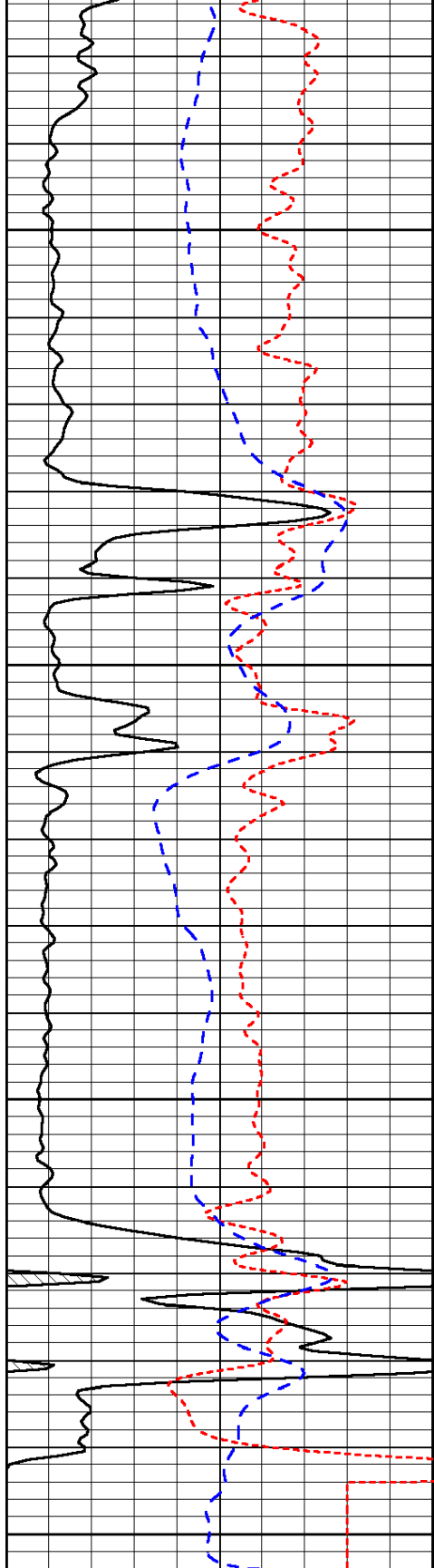


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-30

-30

-30



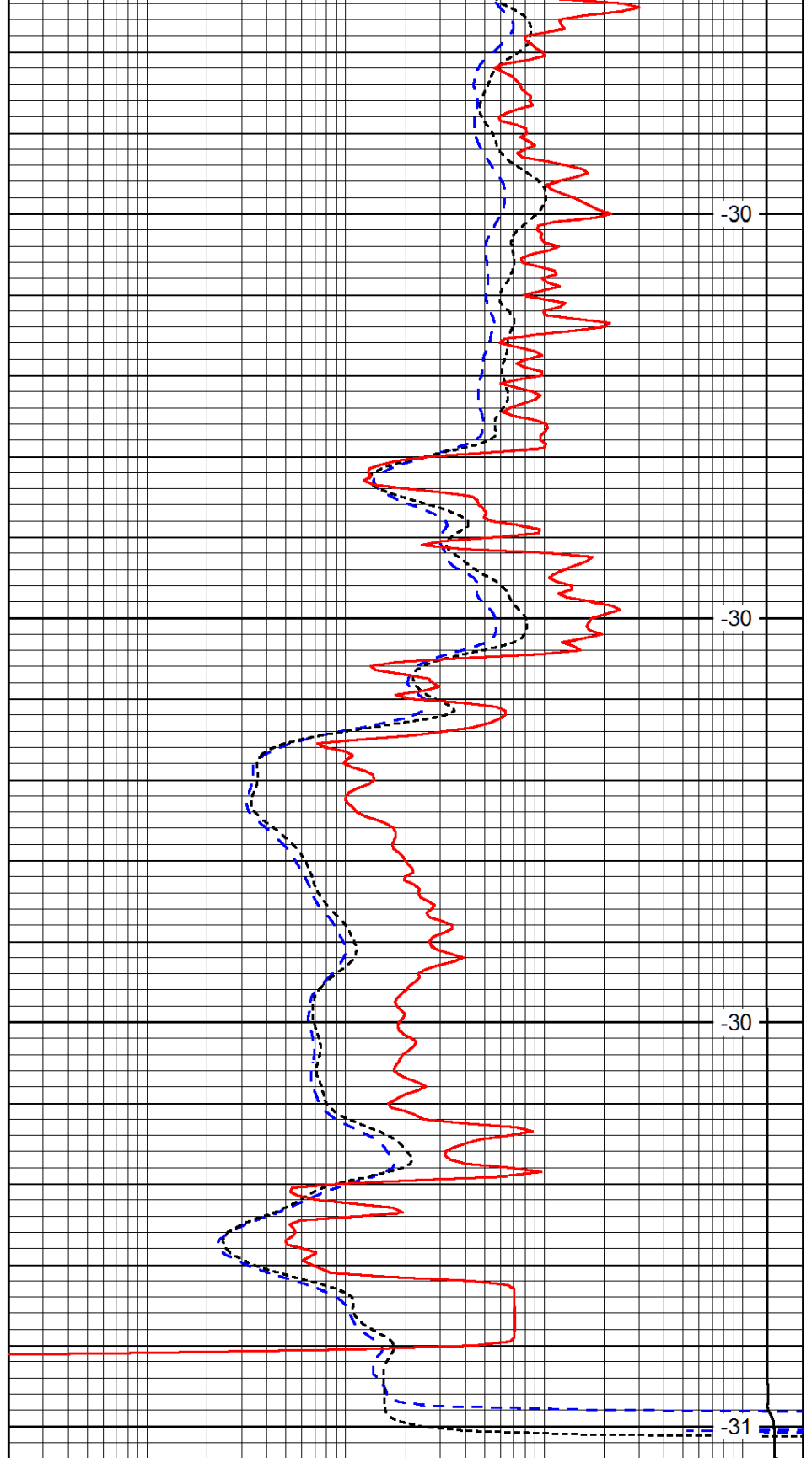
3050

3100

3150

3200

0	Gamma Ray (GAPI)	150
-160	RXO/RT	40
-200	SP (mV)	0



-30

-30

-30

-31

0.2	Deep Resistivity (Ohm-m)	2000
0.2	Medium Resistivity (Ohm-m)	2000
0.2	Shallow Resistivity (Ohm-m)	2000
10000	Line Tension (lb)	0

LSPD
(ft/min)



Pioneer Energy Services

Dual Compensated Porosity Log

API No.	15-085-20,087-00-00		
Company	J & K Crude LLC		
Well	Hug No.01		
Field	Wildcat		
County	Jackson		
Location	2970' FSL & 2310' FWL		
State	Kansas		
Other Services	DILMEL		

Permanent Datum	Ground Level	Elevation	1166
Log Measured From	Kelly Bushing	10 Ft. Above Perm. Datum	
Drilling Measured From	Kelly Bushing		
Date	11/20/2013		

Run Number	One
Type Log	CNL / CDL
Depth Driller	3200
Depth Logger	3199
Bottom Logged Interval	3178
Top Logged Interval	1500
Type Fluid In Hole	Chemical
Salinity, PPM CL	800
Density	9.3
Level	Full
Max. Rec. Temp. F	108
Operating Rig Time	4 Hours
Equipment -- Location	17 Hays
Recorded By	C. Desaire
Witnessed By	George Petersen

Borehole Record				Casing Record			
Run No.	Bit	From	To	Size	Wgt.	From	To
One	12.25	00	220	8.625	23#	00	220
Two	7.875	220	TD				

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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

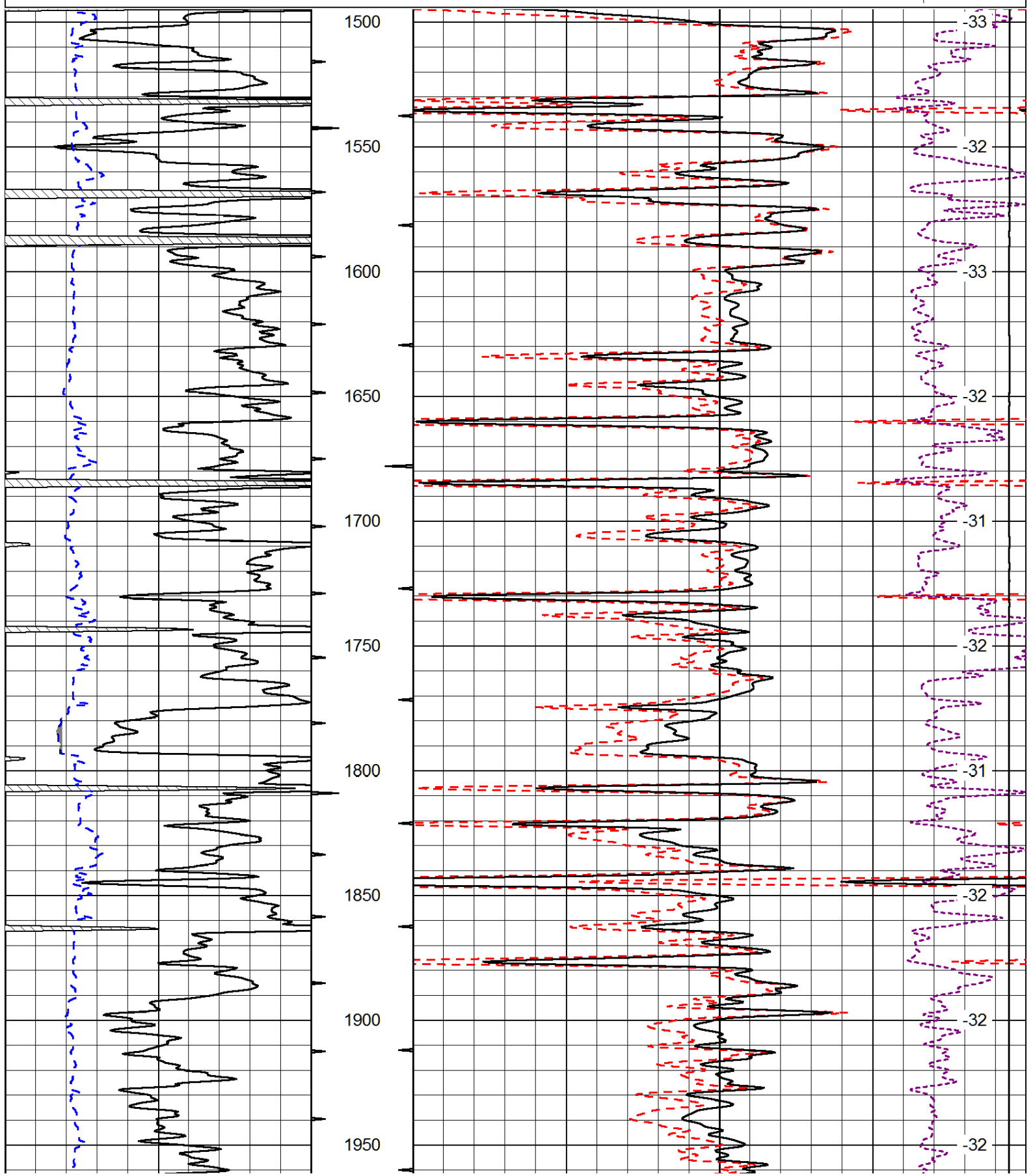
Thank you for using Log-Tech, Inc.
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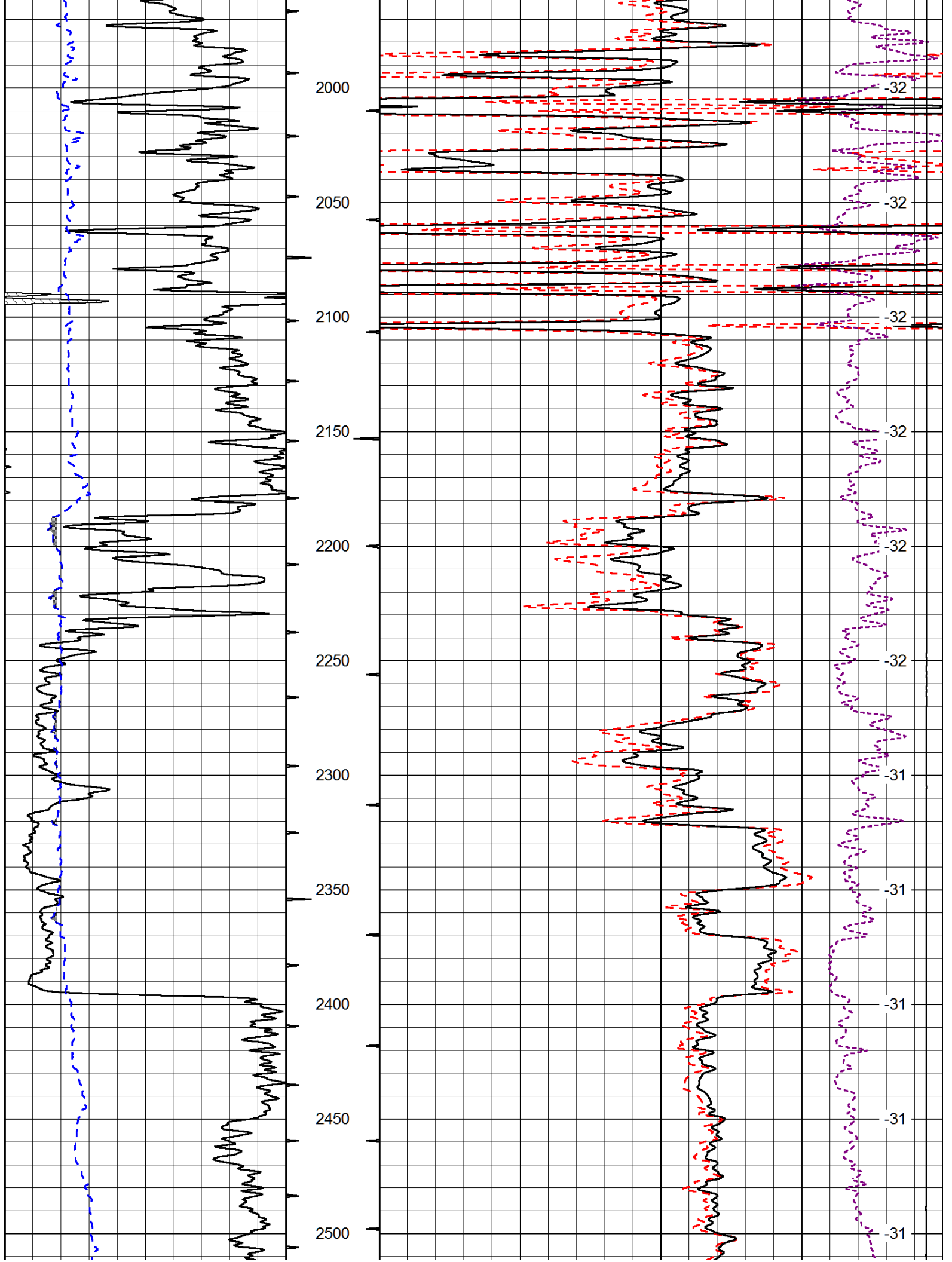
Topeka KS, N on Hwy 75 to 142 Rd,
1 1/4 W, 1/2 N, E Into at gate

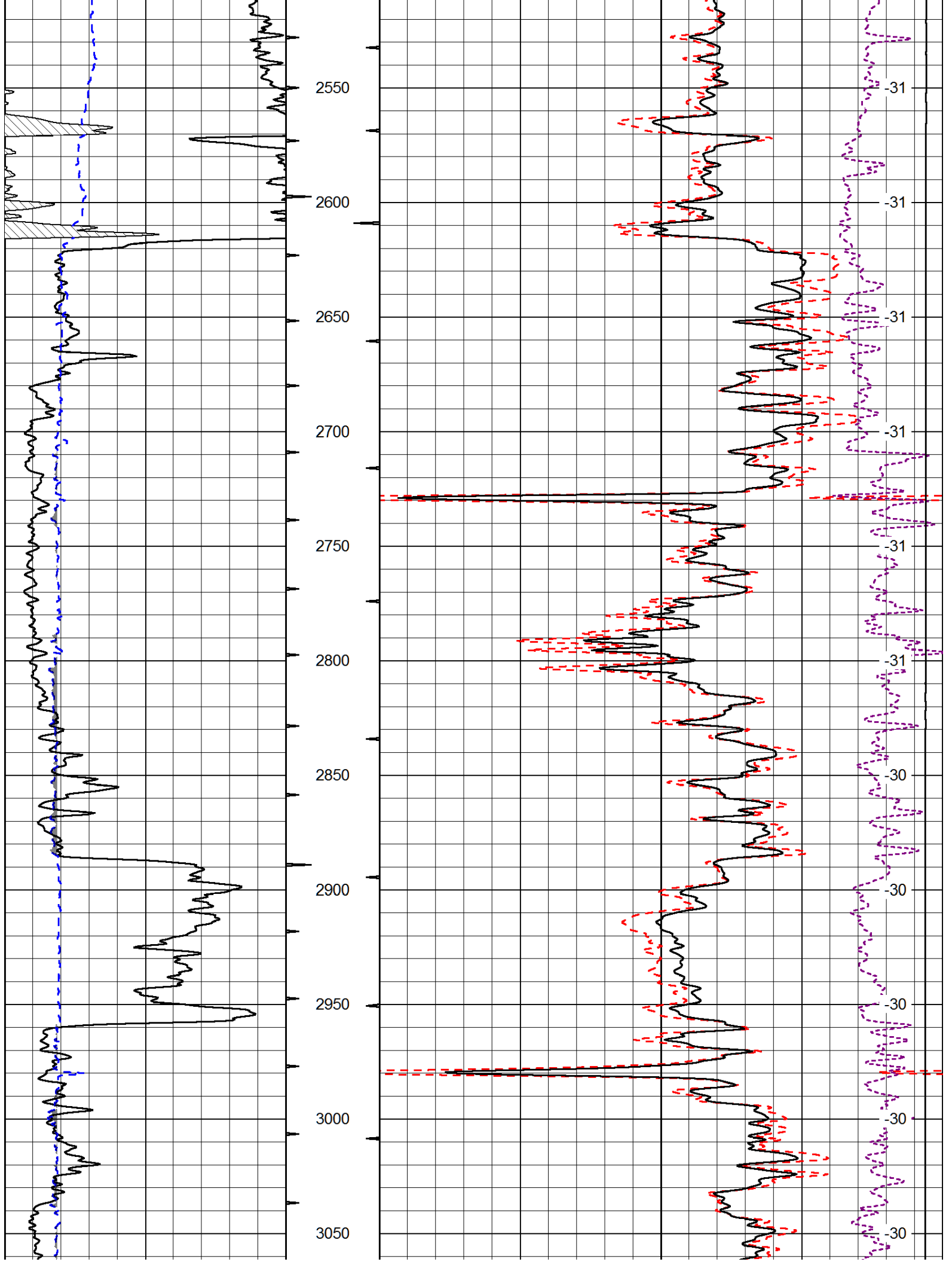
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 Dataset Pathname: dil/jkstk
 Presentation Format: cdl
 Dataset Creation: Thu Nov 21 01:31:30 2013
 Charted by: Depth in Feet scaled 1:600

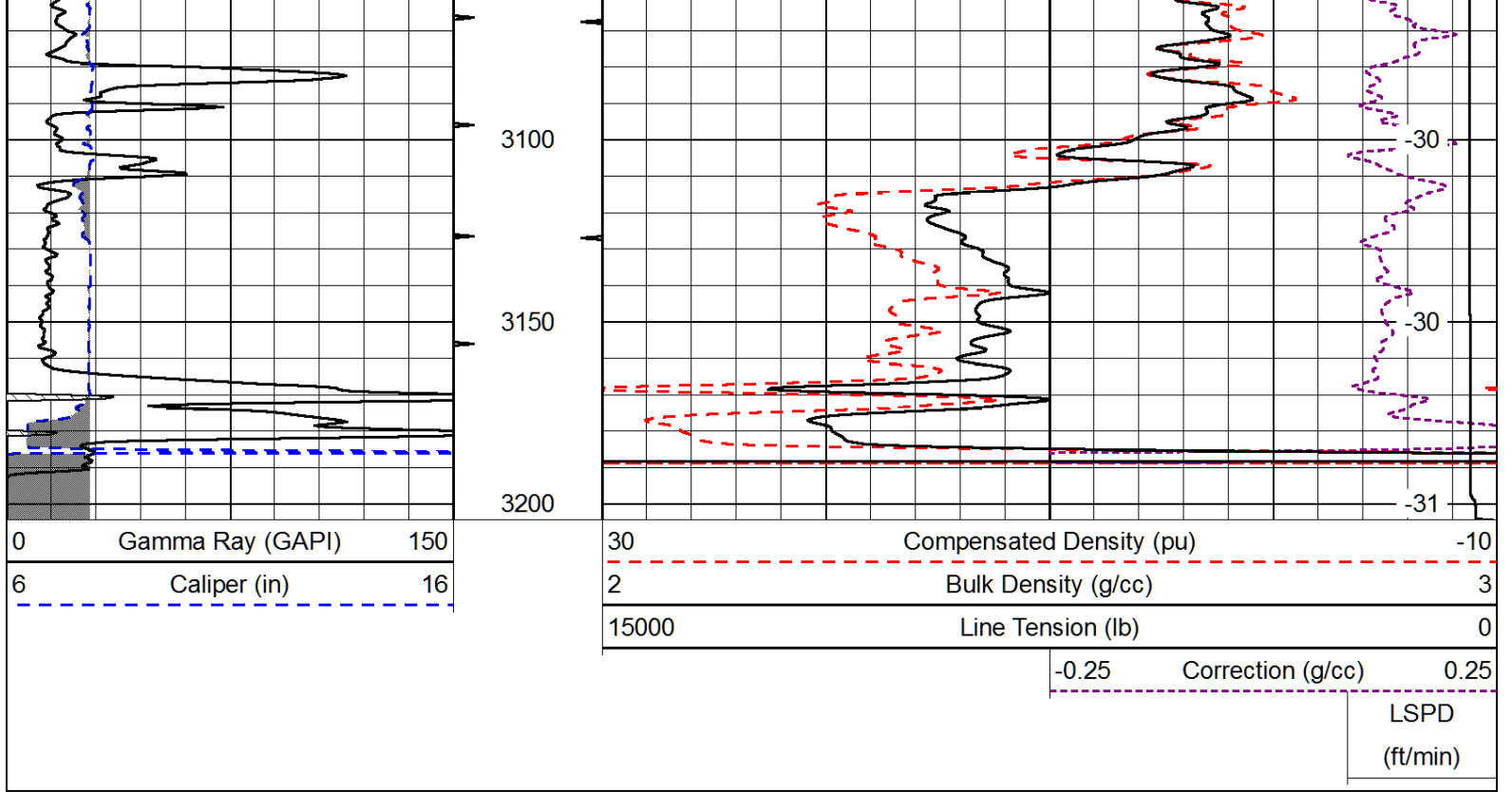
0	Gamma Ray (GAPI)	150
6	Caliper (in)	16

30	Compensated Density (pu)	-10
2	Bulk Density (g/cc)	3
15000	Line Tension (lb)	0
-0.25	Correction (g/cc)	0.25
		LSPD (ft/min)

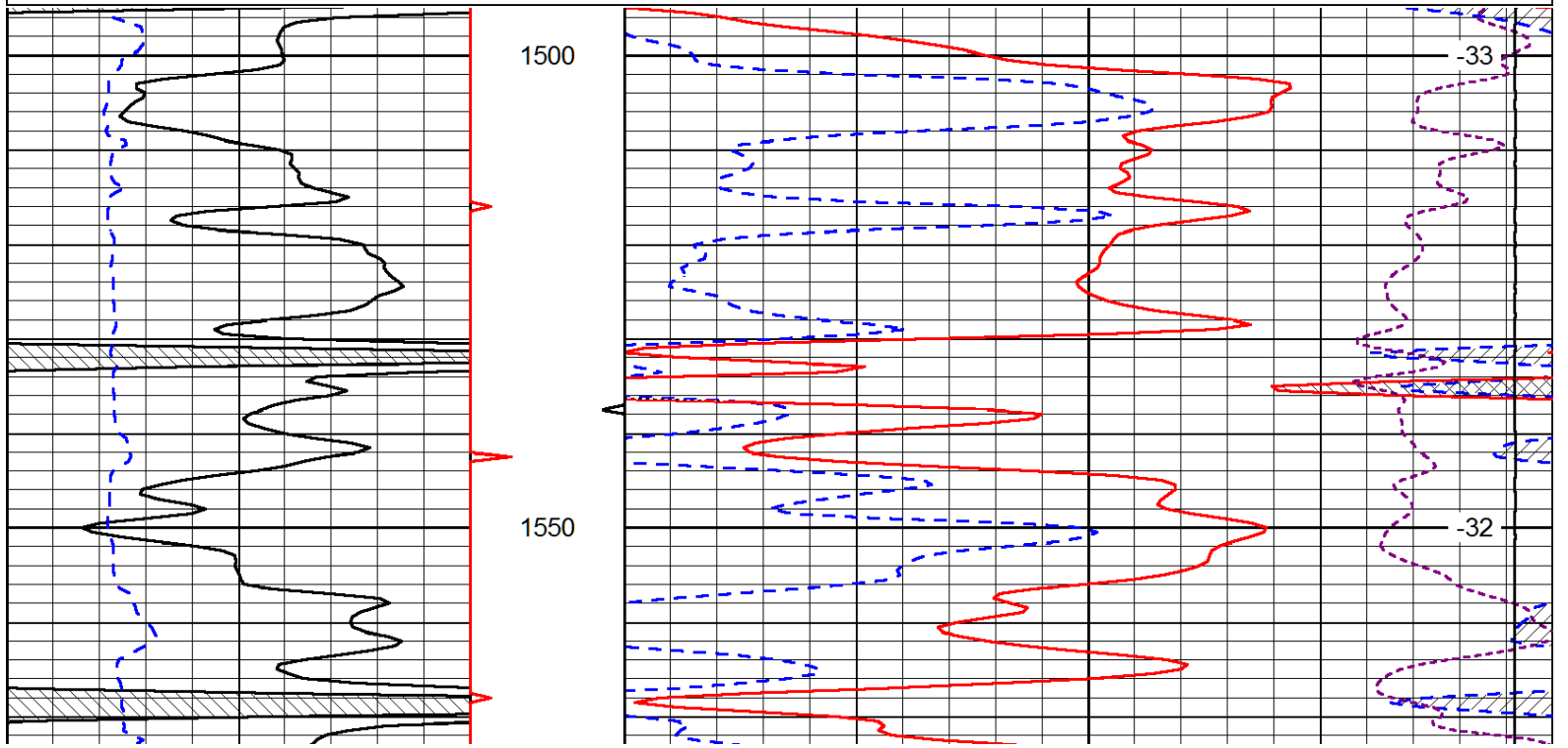
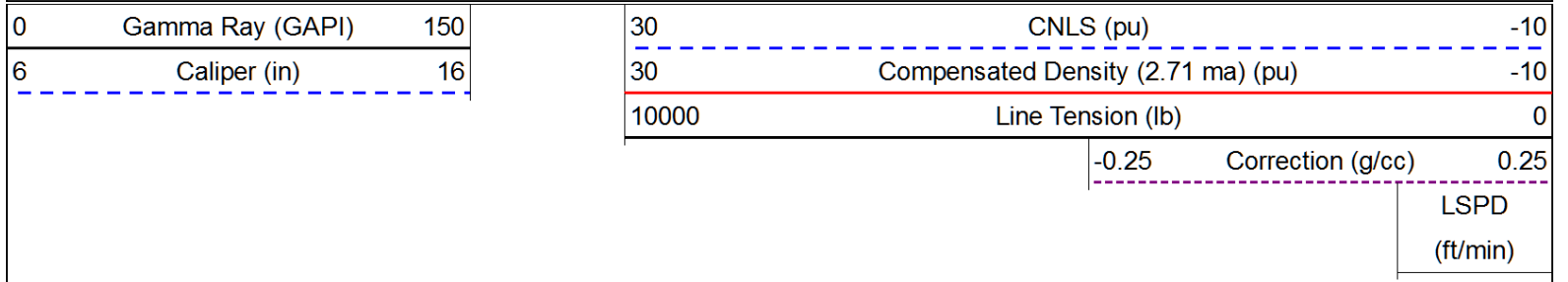


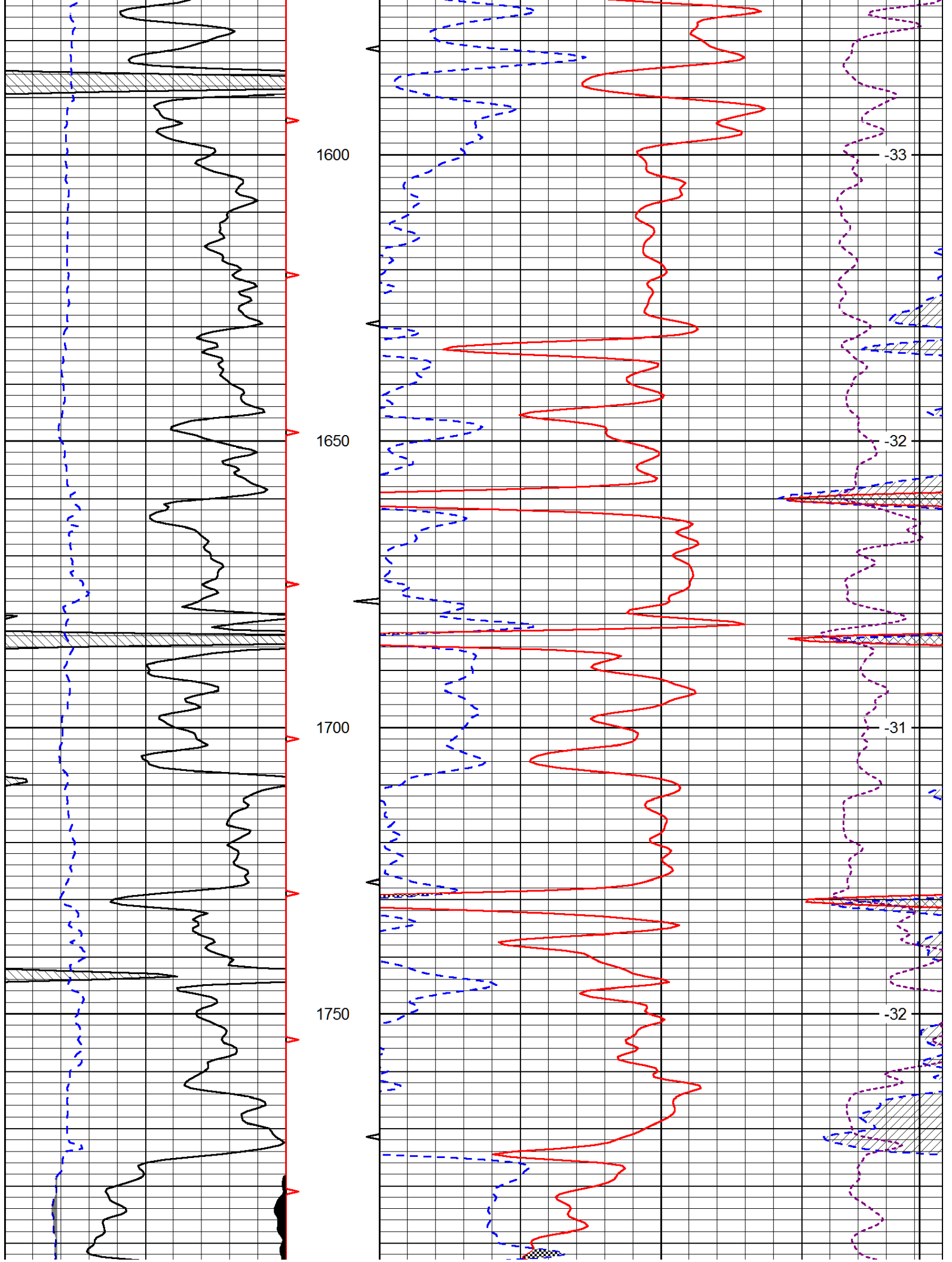


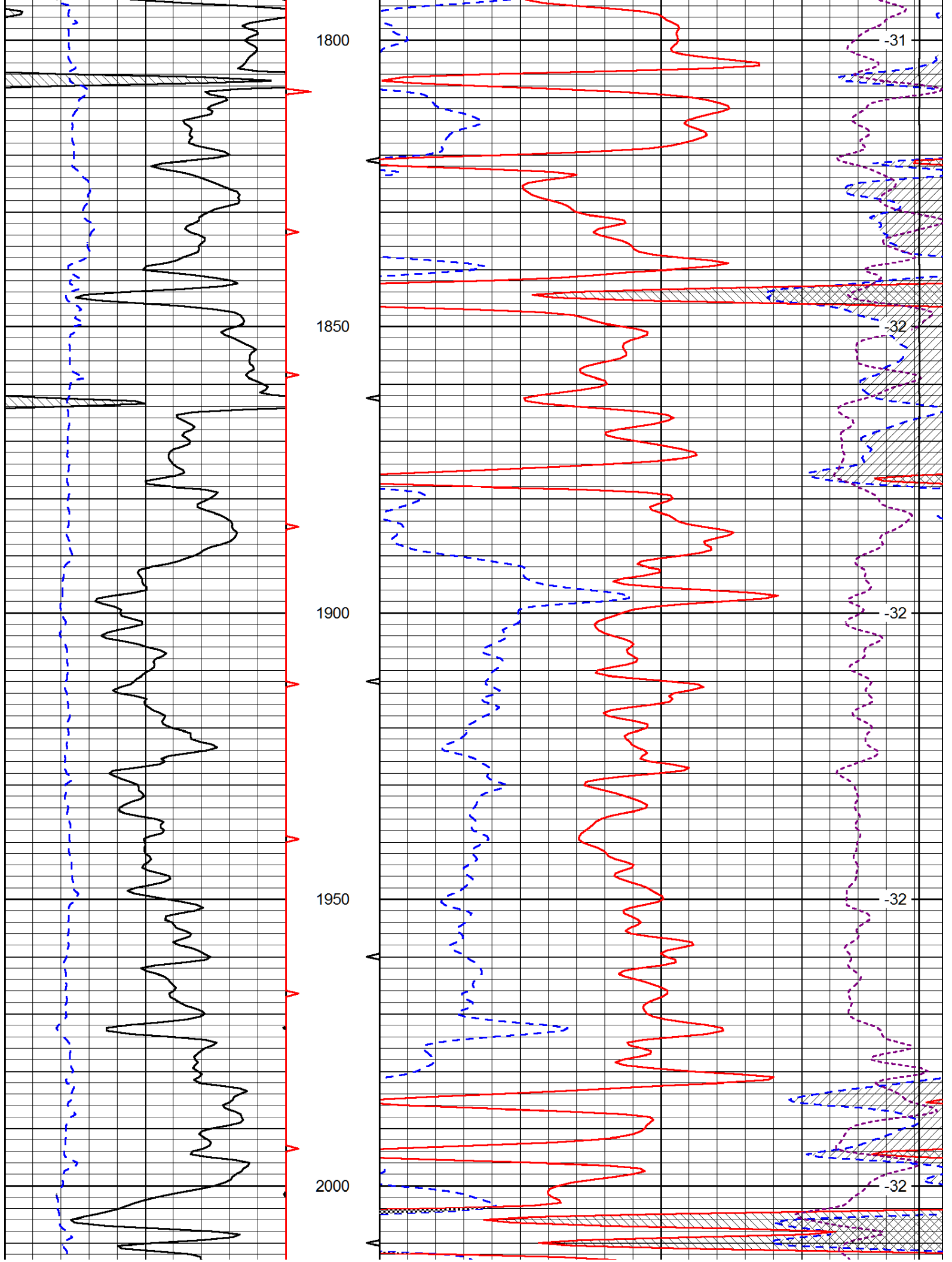


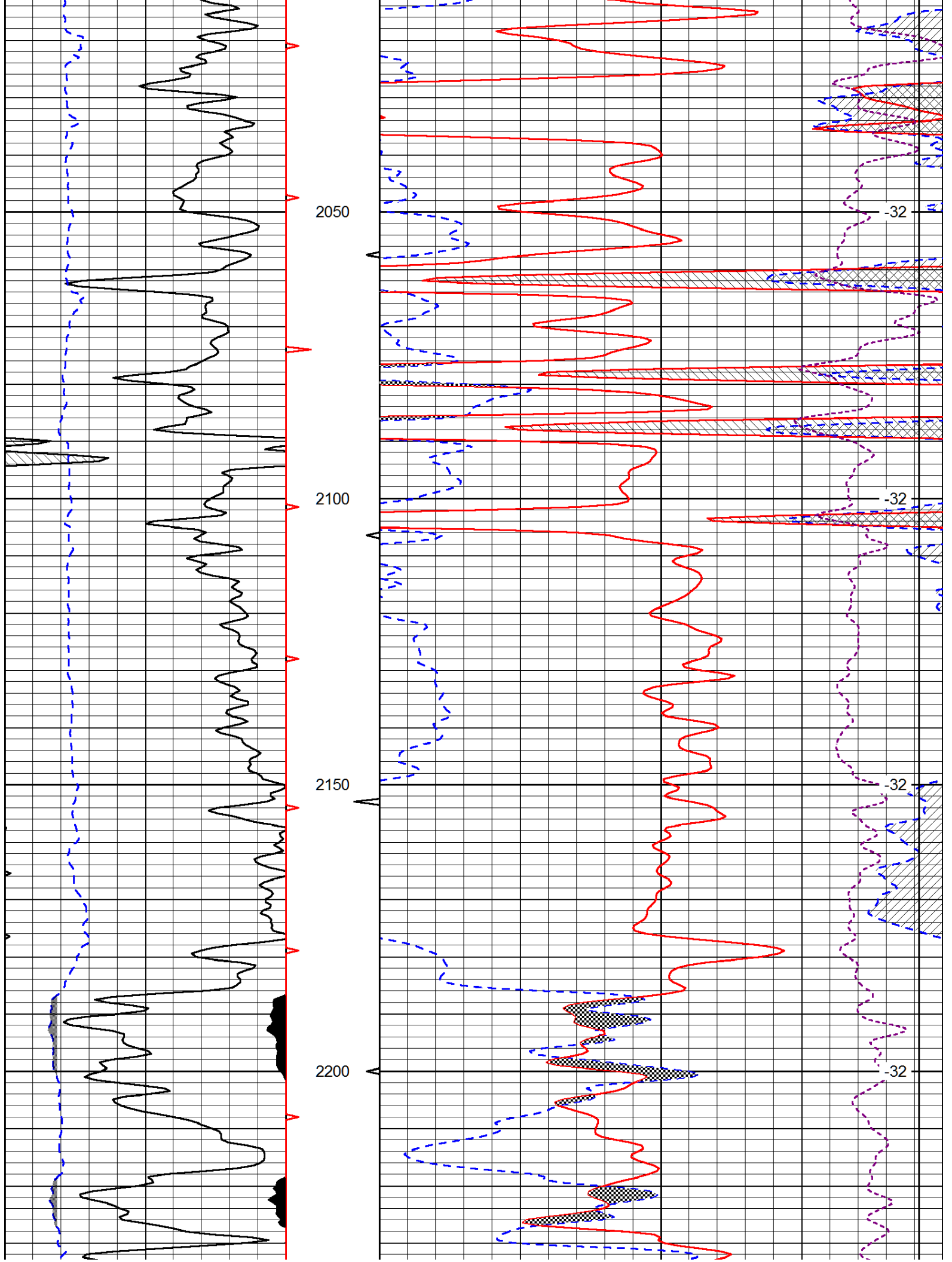


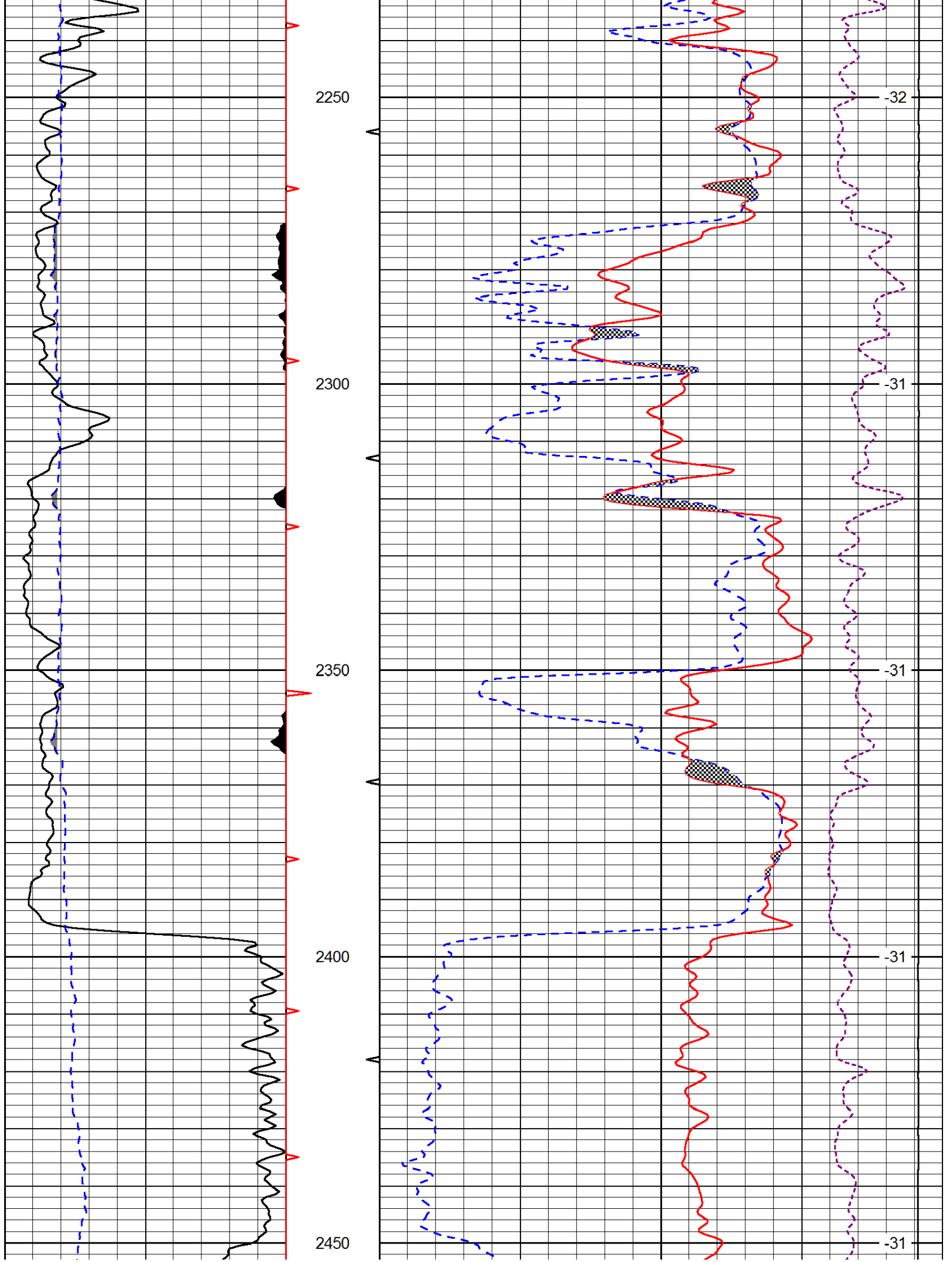
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 Charted by: Depth in Feet scaled 1:240

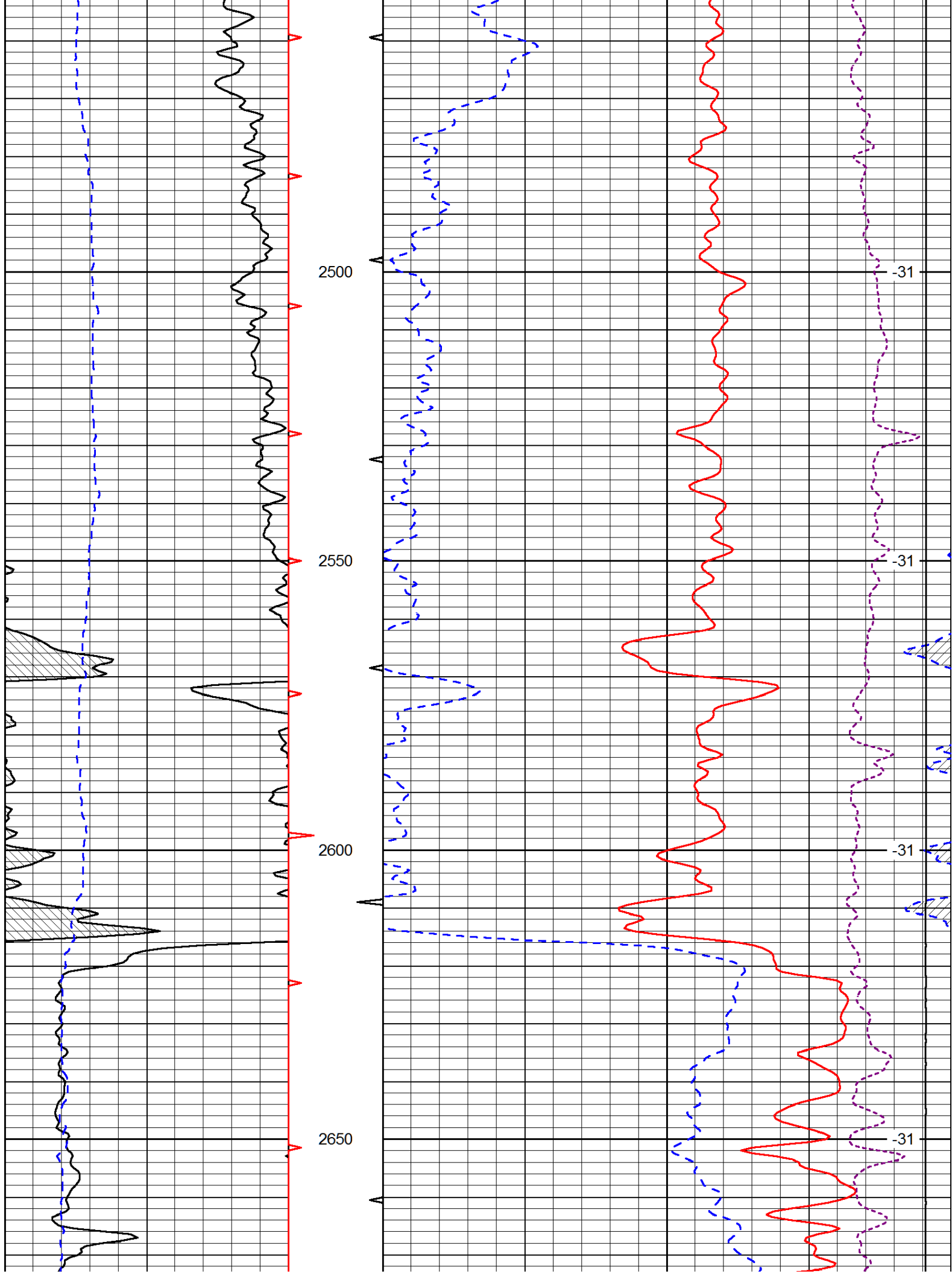


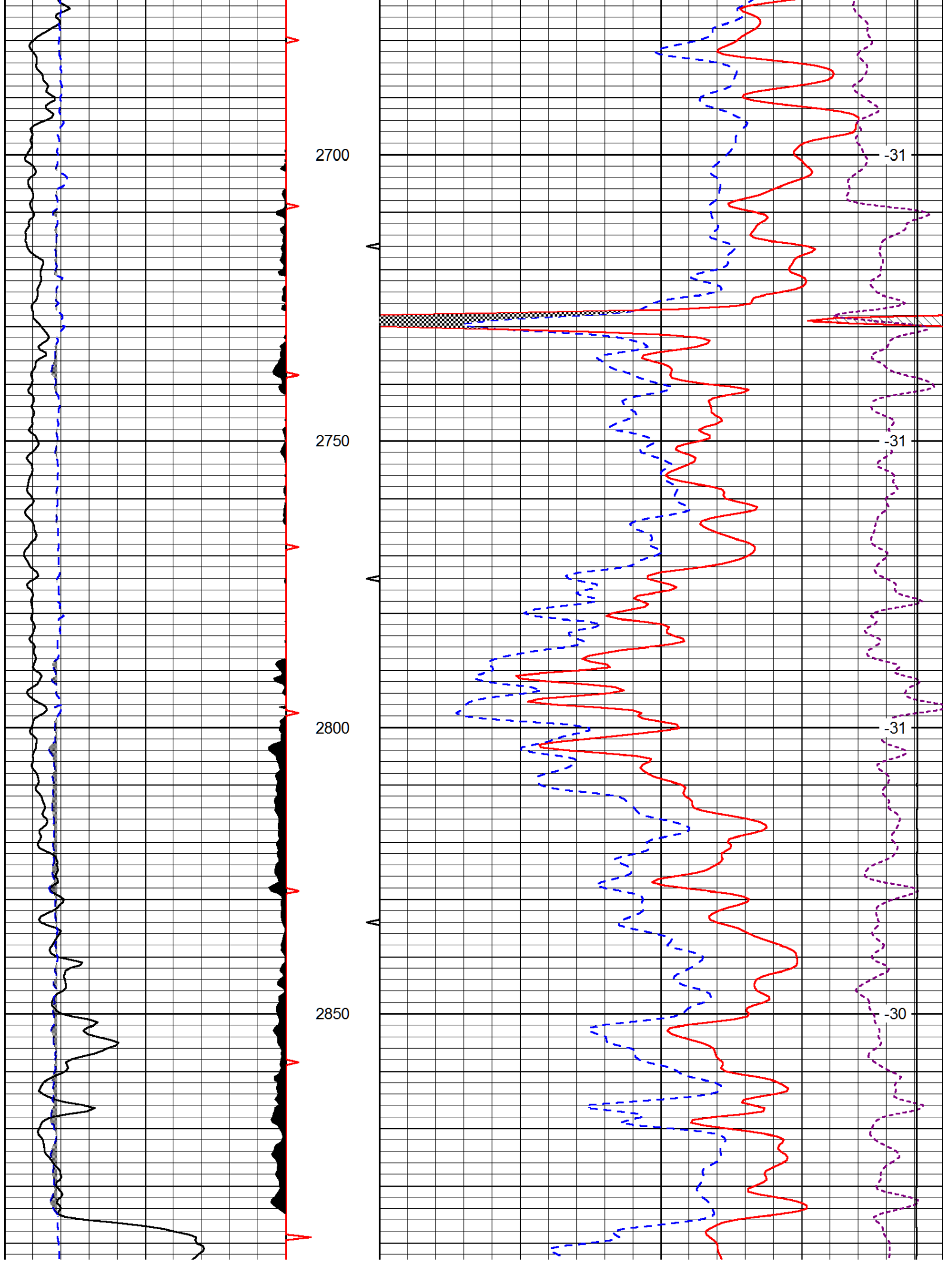


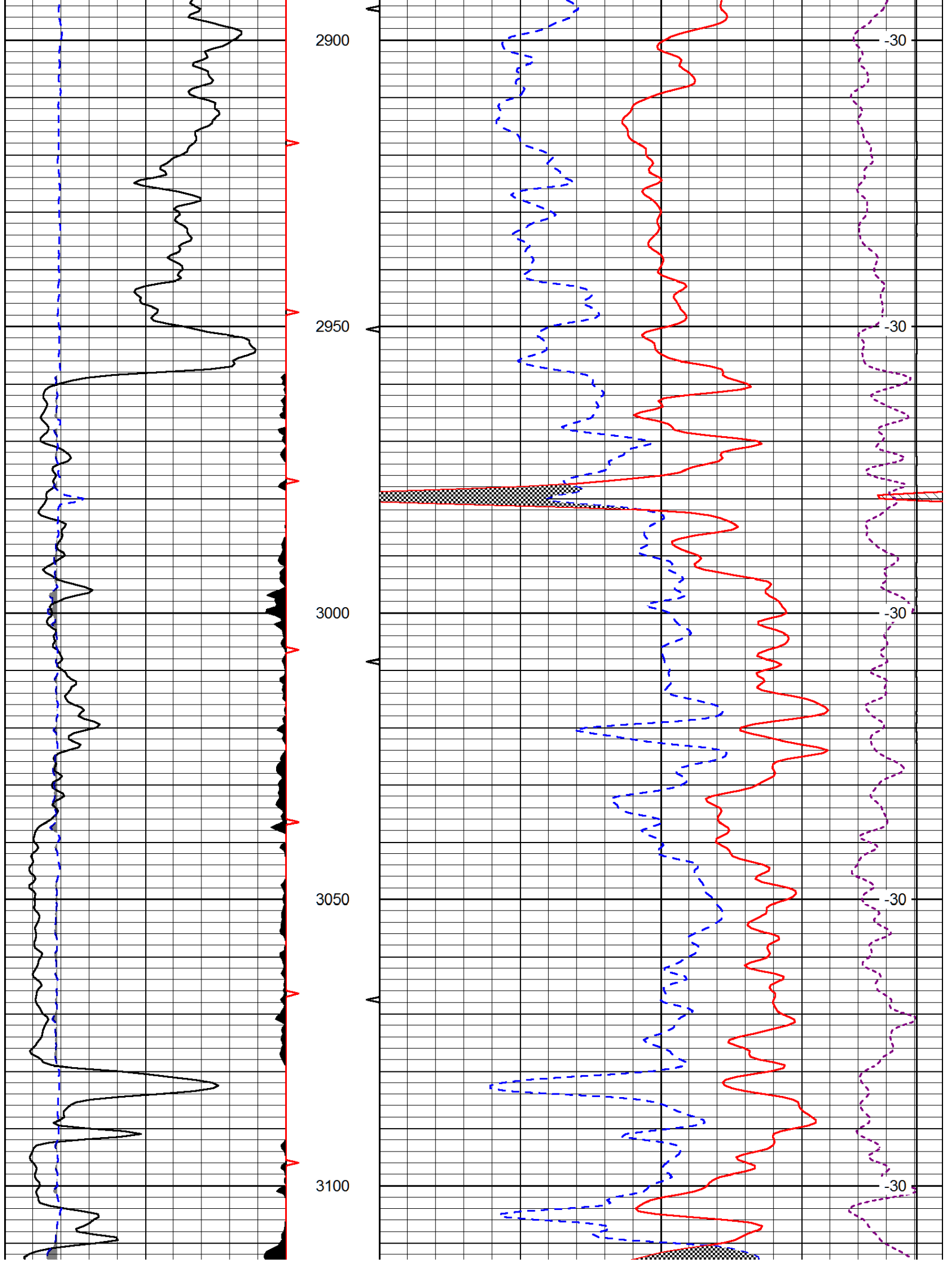


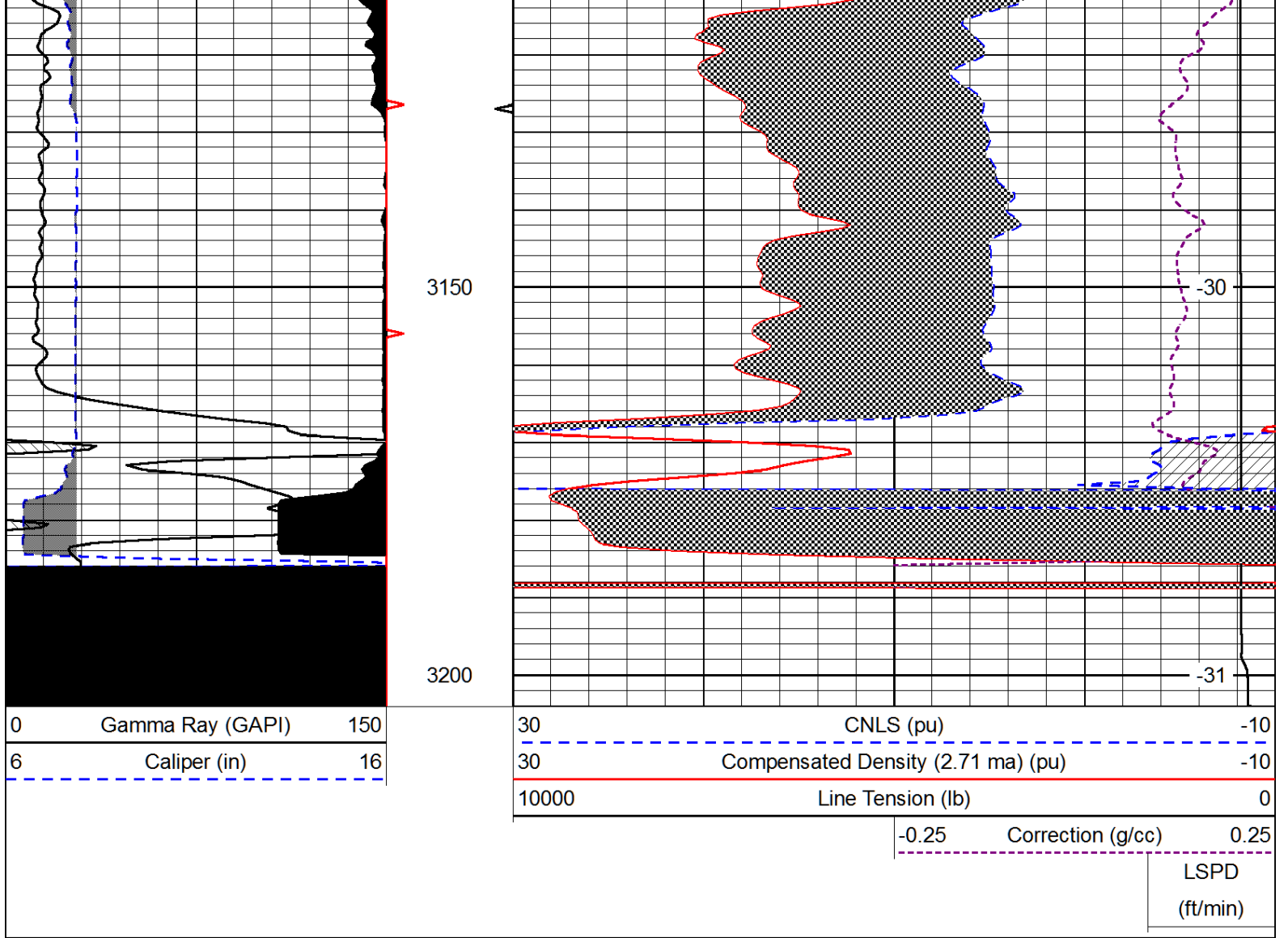














Pioneer Energy Services

Microresistivity Log

API No.	15-085-20,087-00-00		
Company	J & K Crude LLC		
Well	Hug No.01		
Field	Wildcat		
County	Jackson	State	Kansas
Location	2970' FSL & 2310' FWL		
Sec: 34	Twp: 8S	Rge: 15E	Other Services CNL/CDL DIL
Permanent Datum	Ground Level	Elevation 1166	Elevation
Log Measured From	Kelly Bushing	10 Ft. Above Perm. Datum	K.B. 1176
Drilling Measured From	Kelly Bushing		D.F. 1166
			G.L. 1166

Date	11/20/2013
Run Number	Two
Depth Driller	3200
Depth Logger	3199
Bottom Logged Interval	3198
Top Log Interval	2950
Casing Driller	8.625 @ 220
Casing Logger	222
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity,ppm CL	800
Density / Viscosity	9.3 50
pH / Fluid Loss	10.5 8.0
Source of Sample	Flowline
Rm @ Meas. Temp	.95 @ 45
Rmf @ Meas. Temp	.71 @ 45
Rmc @ Meas. Temp	1.28 @ 45
Source of Rmf / Rmc	Charts
Rm @ BHT	.4 @ 108
Operating Rig Time	4 Hours
Max Rec. Temp. F	108
Equipment Number	17
Location	Hays
Recorded By	C. Desaire
Witnessed By	George Petersen

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Comments

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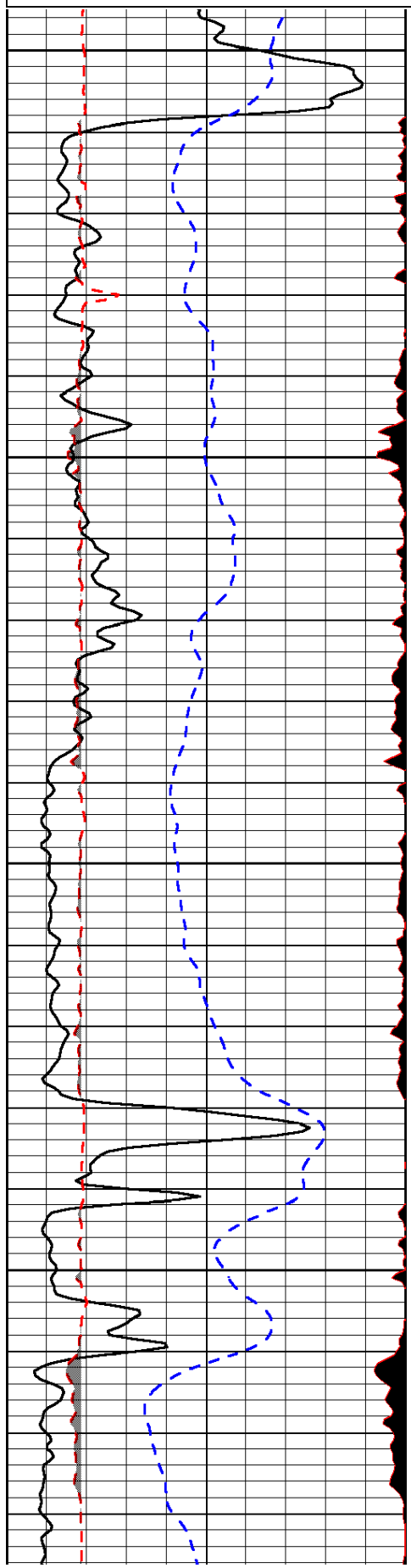
Topeka KS, N on Hwy 75 to 142 Rd,
1 1/4 W, 1/2 N, E Into at gate

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 Presentation Format: micro
 Dataset Creation: Thu Nov 21 01:31:30 2013
 Charted by: Depth in Feet scaled 1:240

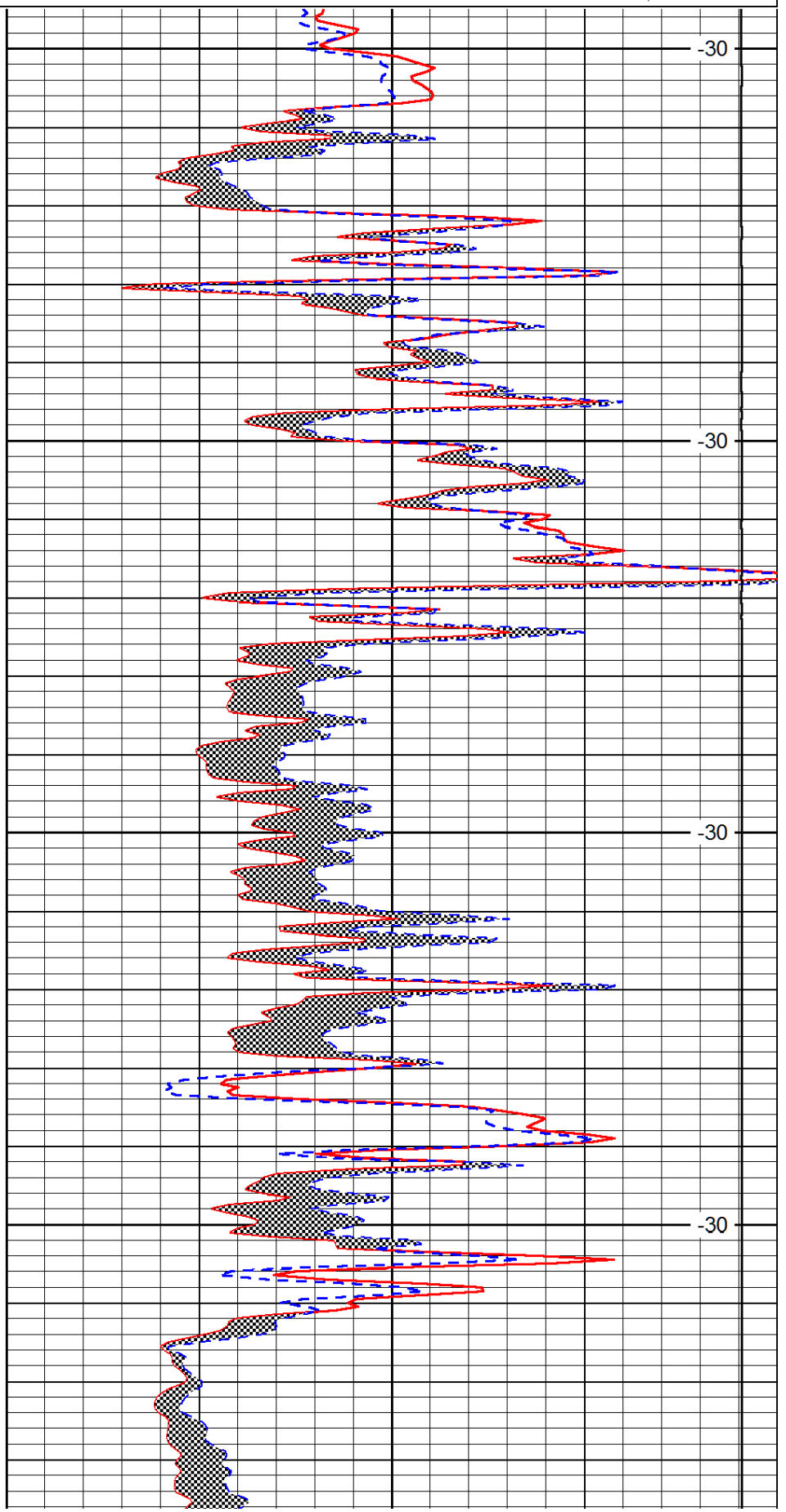
0	Gamma Ray (GAPI)	150
6	MCAL (in)	16
2.875	Mud Cake (in)	7.875
-200	SP (mV)	0

0	Micro Inverse 1 X 1 (Ohm-m)	40
0	Micro Normal 2" (Ohm-m)	40
10000	Line Weight (lb)	0

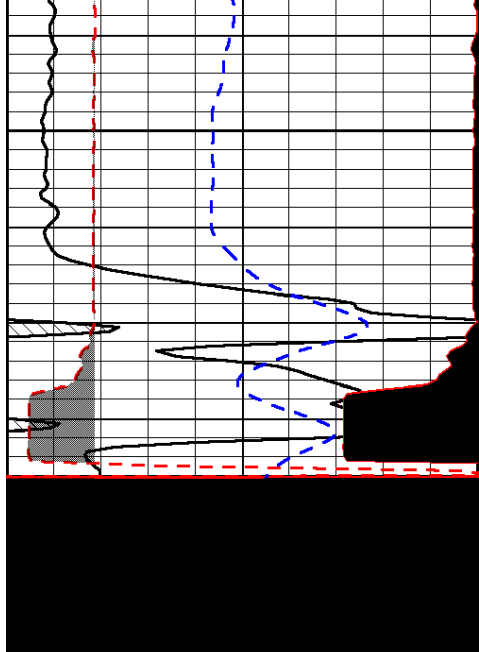
LSPD
(ft/min)



2950
3000
3050
3100



-30
-30
-30
-30



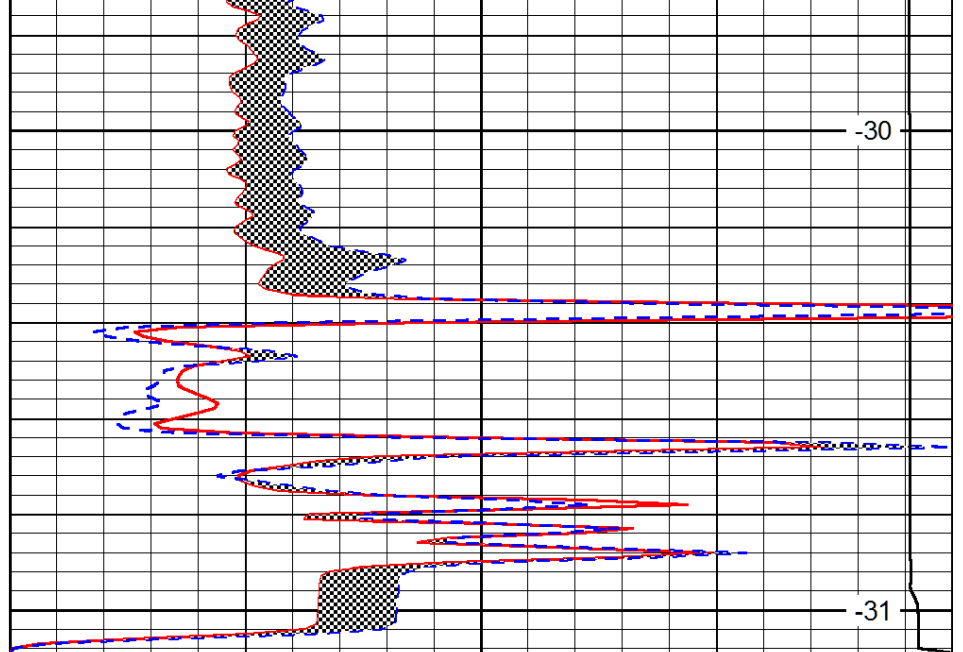
0	Gamma Ray (GAPI)	150
6	MCAL (in)	16
2.875	Mud Cake (in)	7.875
-200	SP (mV)	0

3150

-30

3200

-31



0	Micro Inverse 1 X 1 (Ohm-m)	40
0	Micro Normal 2" (Ohm-m)	40
10000	Line Weight (lb)	0

LSPD
(ft/min)

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/>

Shari Feist Albrecht, Chair
Jay Scott Emler, Commissioner
Pat Apple, Commissioner

Sam Brownback, Governor

June 05, 2014

Ken Walker
J & K Crude LLC
PO BOX 98
TECUMSEH, KS 66542

Re: ACO-1
API 15-085-20087-00-00
hug 01
NW/4 Sec.34-08S-15E
Jackson County, Kansas

Dear Ken Walker:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 11/12/2013 and the ACO-1 was received on May 28, 2014 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department