



**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: \_\_\_\_\_



1077483

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	Chieftain Oil Co., Inc.
Well Name	Blevins 1
Doc ID	1077483

All Electric Logs Run

Geologist Log
Sector Bond / Gamma Ray CCL Log
Dual Induction Log
Dual Compensated Porosity Log

Form	ACO1 - Well Completion
Operator	Chieftain Oil Co., Inc.
Well Name	Blevins 1
Doc ID	1077483

Tops

Name	Top	Datum
Heebner	3647	-2327
Lansing	4247	-2927
Cherokee	4609	-3289
Mississippian	4710	-3390
Kinderhook	4935	-3615
Viola	5098	-3776
Simpson	5199	-3879
Simpson SDST.	5223	-3903
Arbuckle	5397	-4078
Total Depth	5447	-4127



Dual Compensated  
Porosity Log

DIGITAL LOG (785) 625-3858

15-007-23,785-00-00

API No.

Company Chieftain Oil Company, Inc.

Well Blevins No.1

Field Barber

County Barber State Kansas

Location SE NW SW NE  
1760' FNL & 2255' FEL

Sec: 2 Twp: 35S Rge: 11W

Other Services  
DIL

Permanent Datum Ground Level Elevation 1312  
Log Measured From Kelly Bushing 8 Ft. Above Perm. Datum  
Drilling Measured From Kelly Bushing

Date	11/5/2011	Elevation	1320
Run Number	One	D.F.	1312
Type Log	CNL / CDL	G.L.	1312
Depth Driller	5447		
Depth Logger	5449		
Bottom Logged Interval	5428		
Top Logged Interval	3500		
Type Fluid In Hole	Chemical		
Salinity, PPM CL	6,800		
Density	9.3		
Level	Full		
Max. Rec. Temp. F	130		
Operating Rig Time	3 Hours		
Equipment -- Location	17 Hays		
Recorded By	C. Desaire		
Witnessed By	Arden Ratzlaff		

Borehole Record

Run No.	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	331	8.625	24#	00	331
2	7.875	331	5447				

Casing Record

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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.

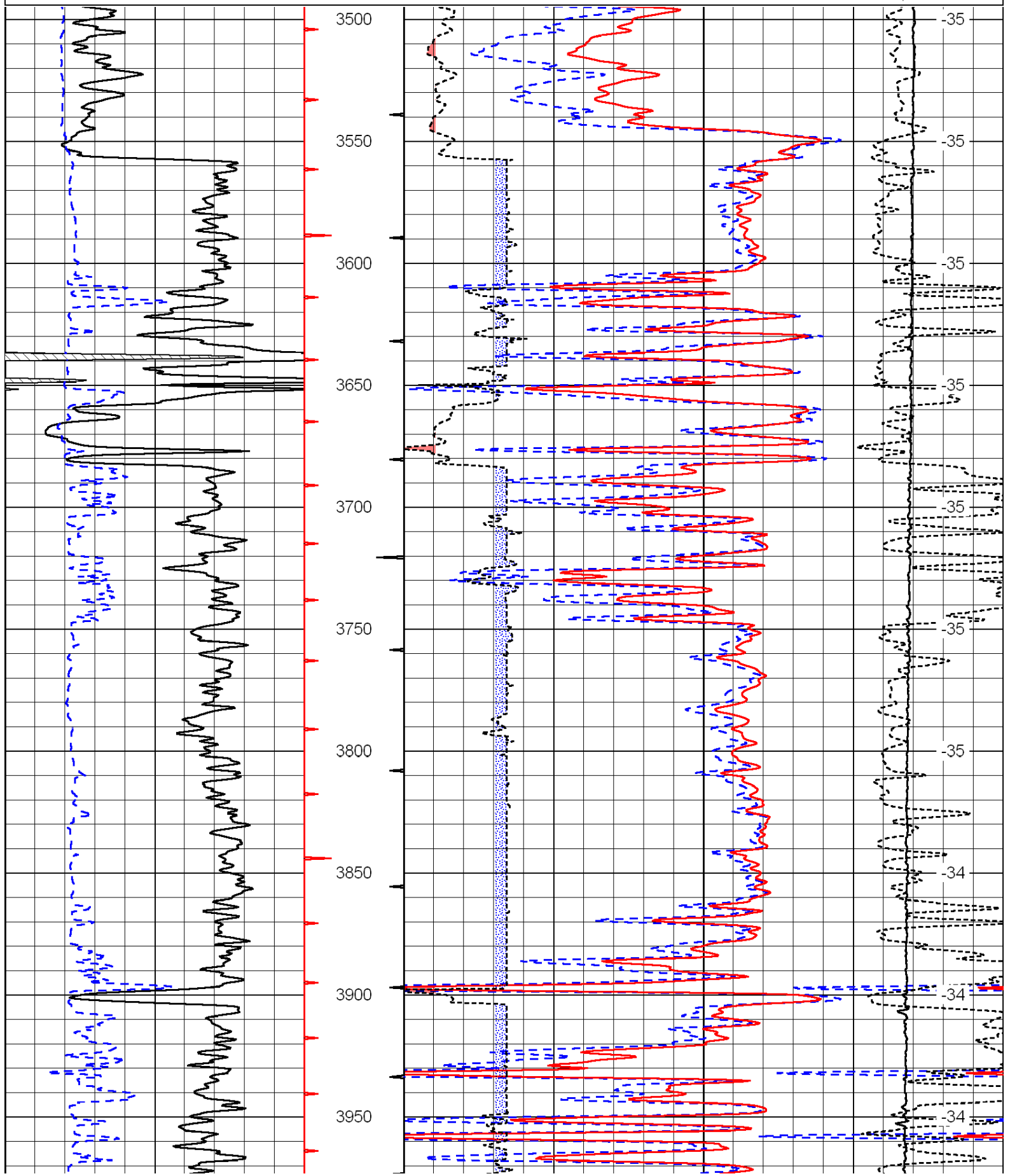
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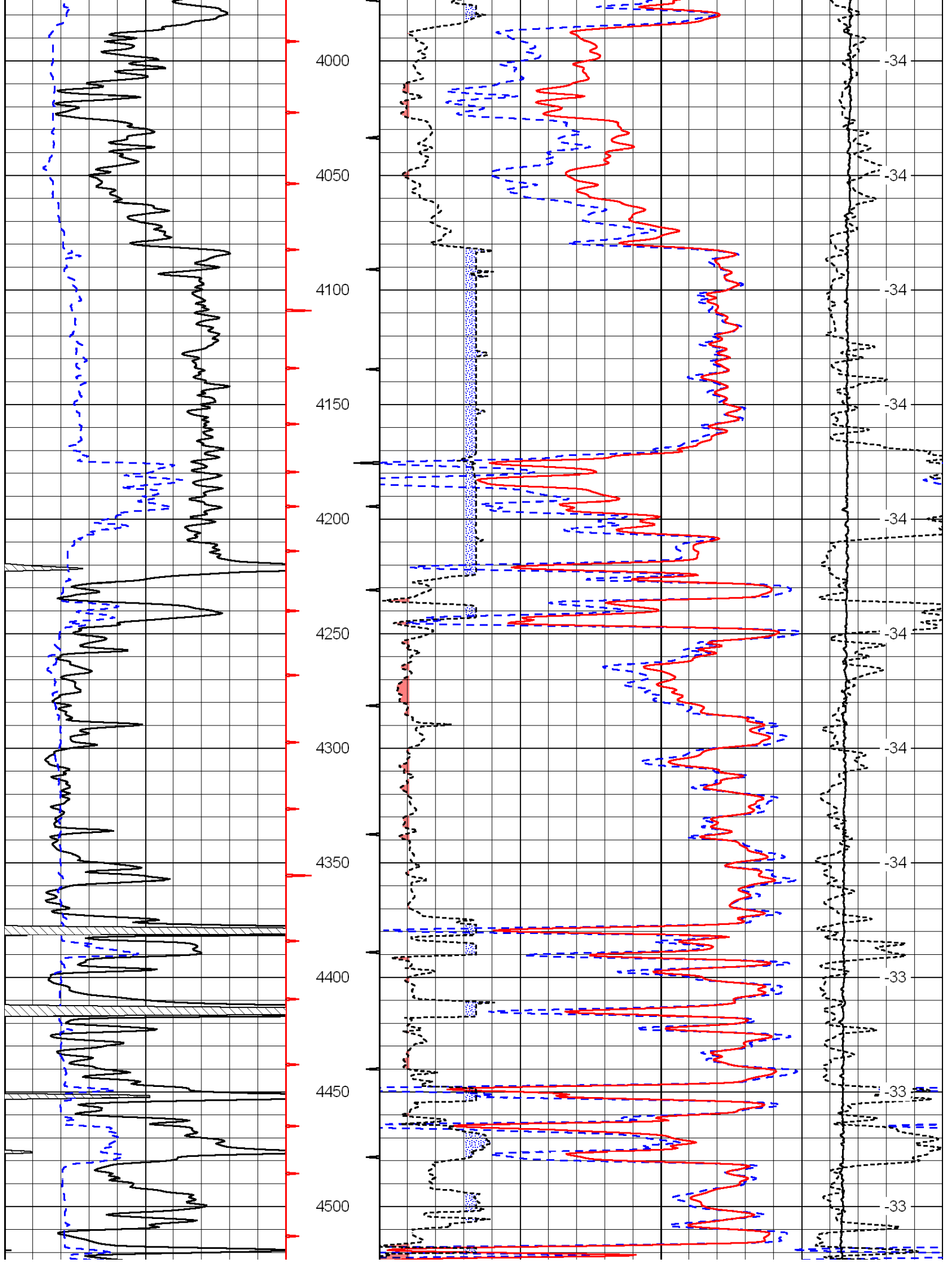
Thank you for using Log-Tech, Inc.  
(785) 625-3858  
  
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4 E stay straight at curve, E to T,  
1 N to T, E to T, S Into

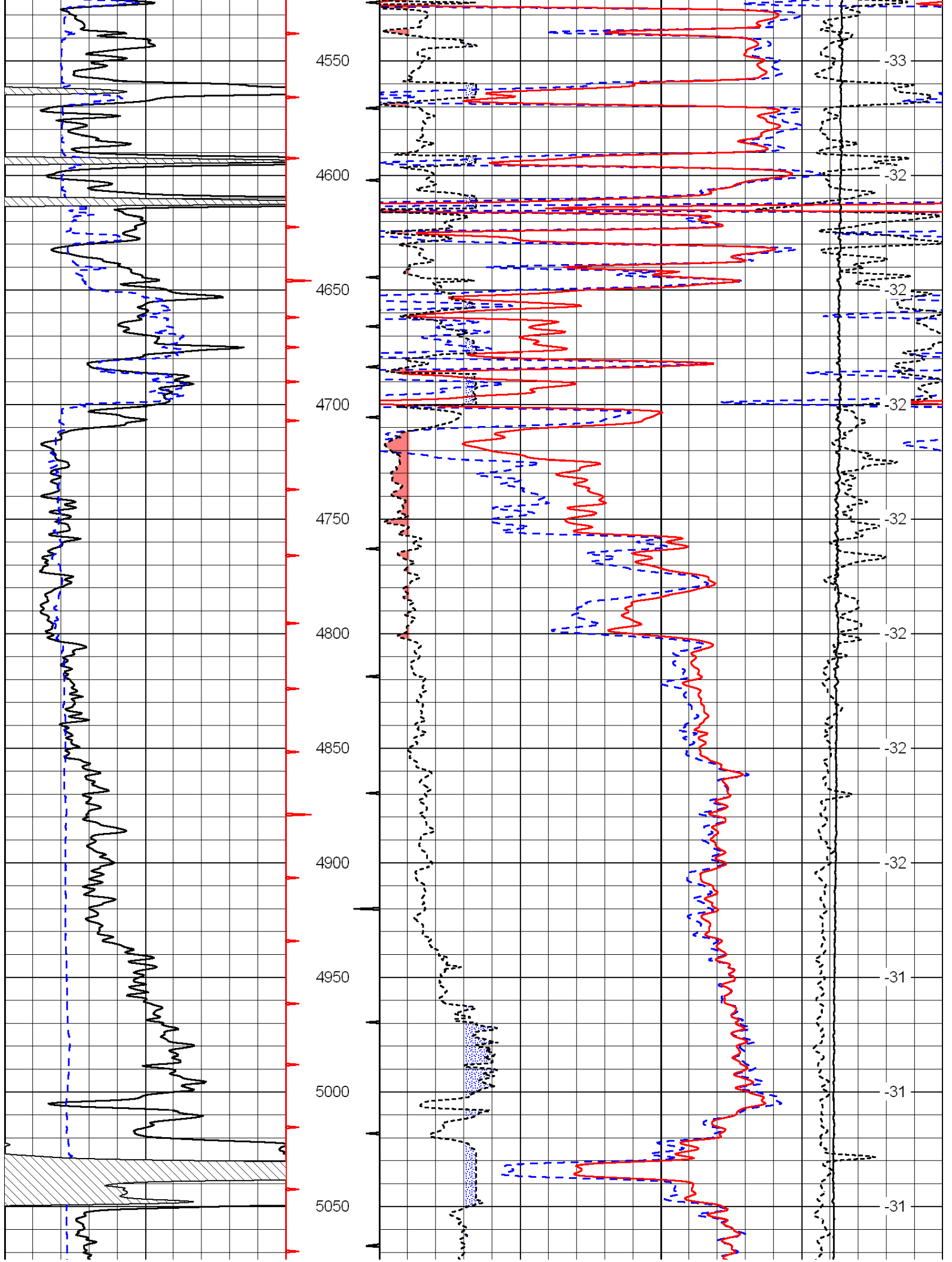
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6	Caliper (GAPI)	16

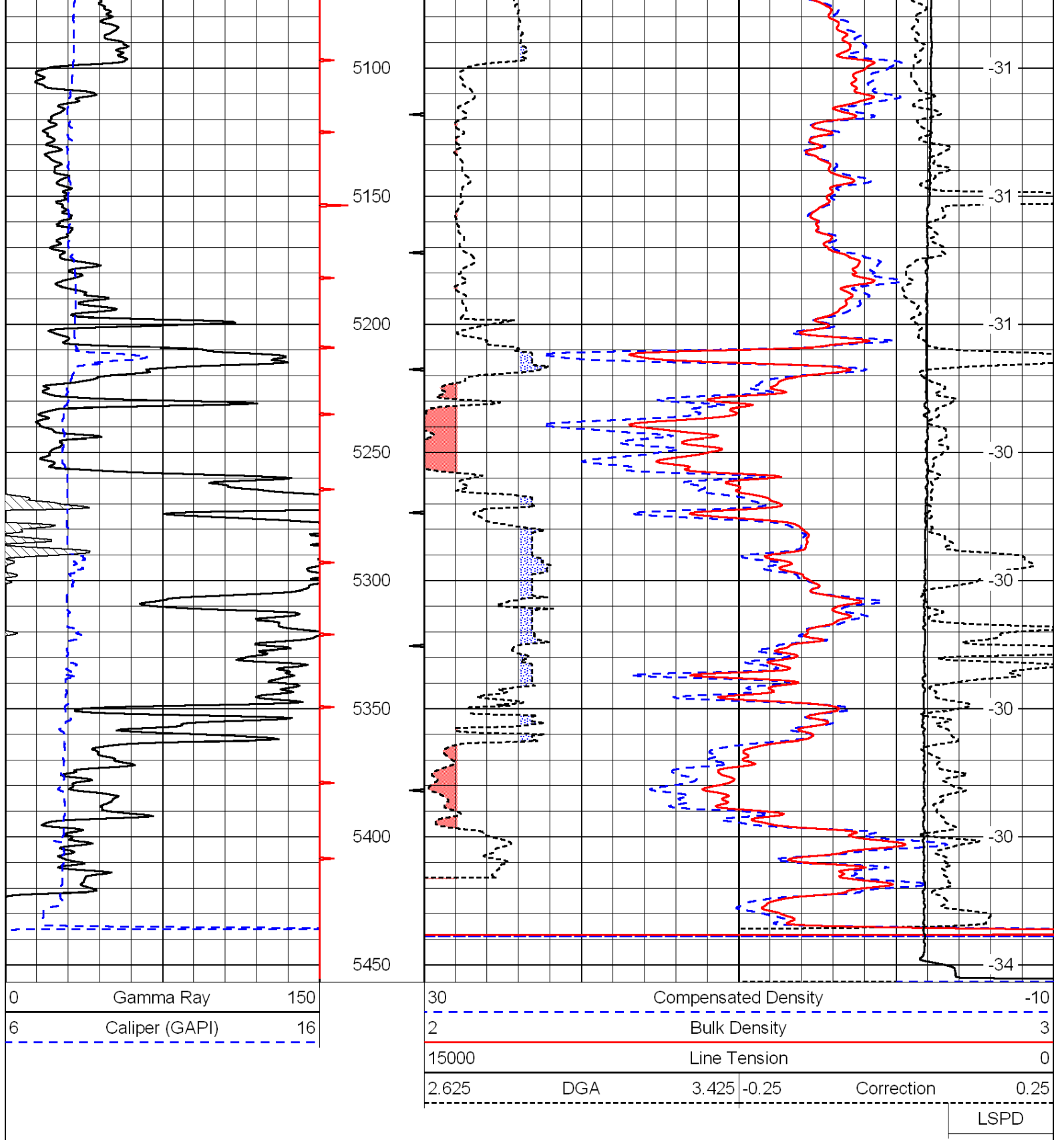
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2	Bulk Density		3
15000	Line Tension		0
2.625	DGA	3.425	-0.25
Correction			0.25
LSPD			



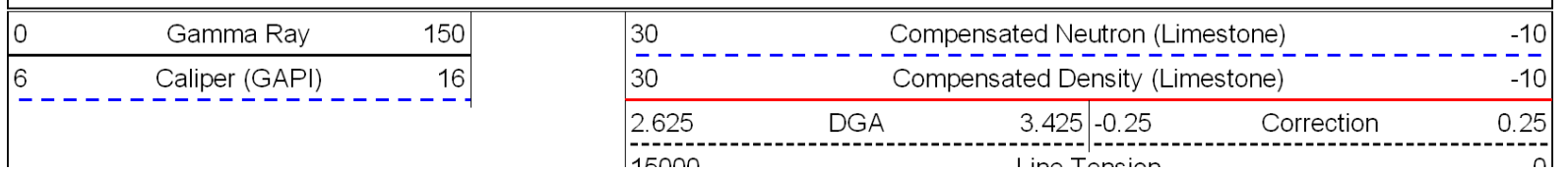


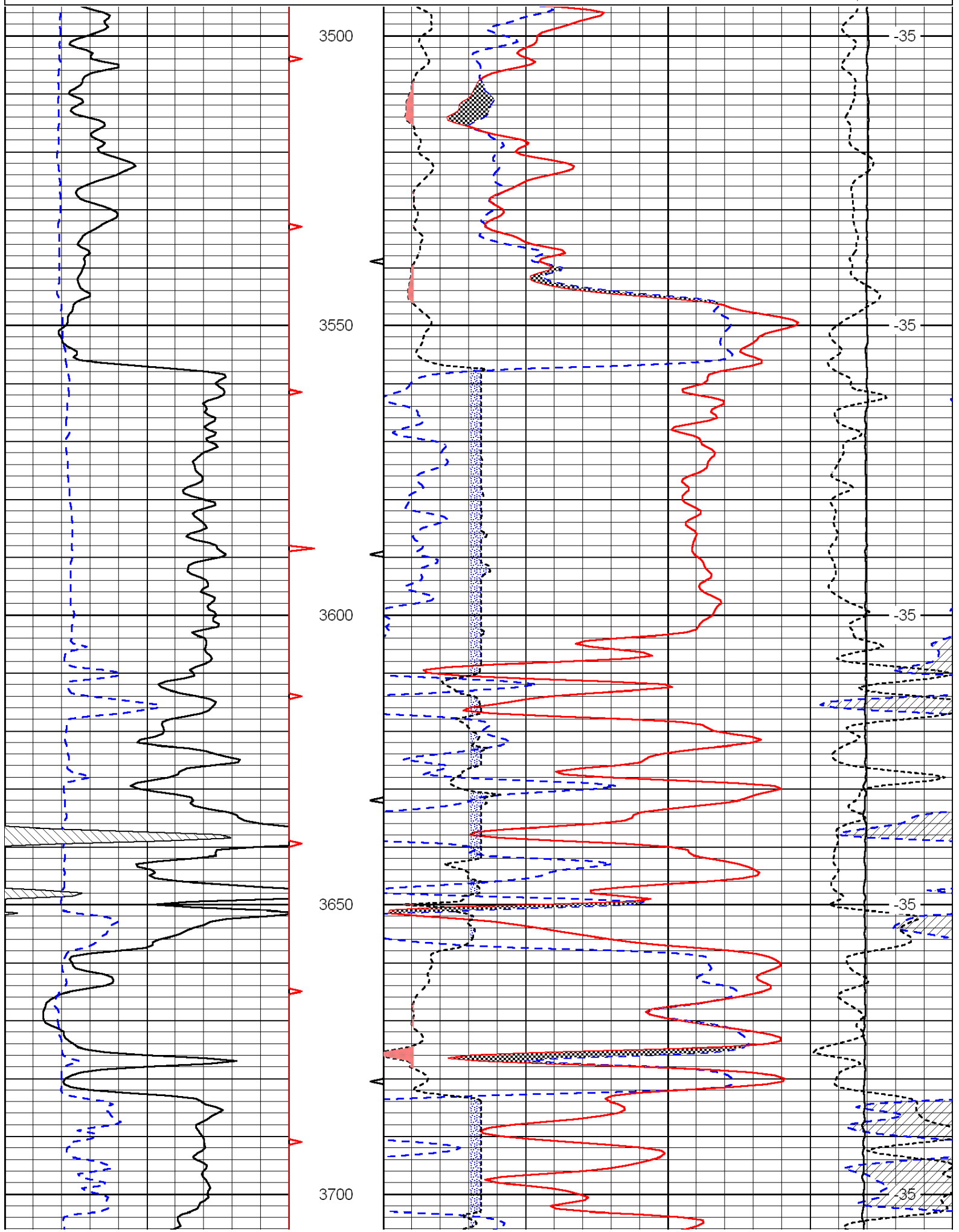


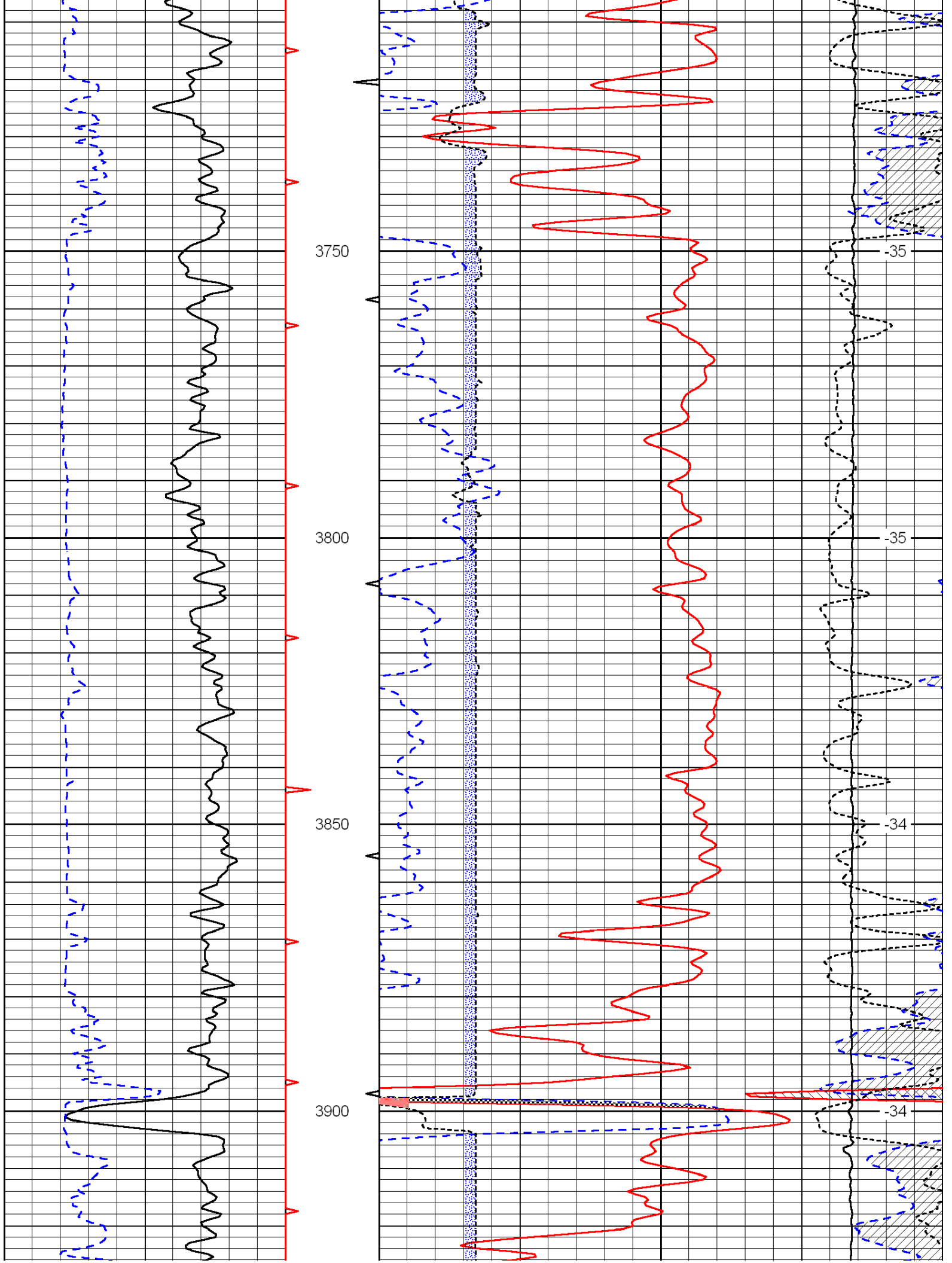


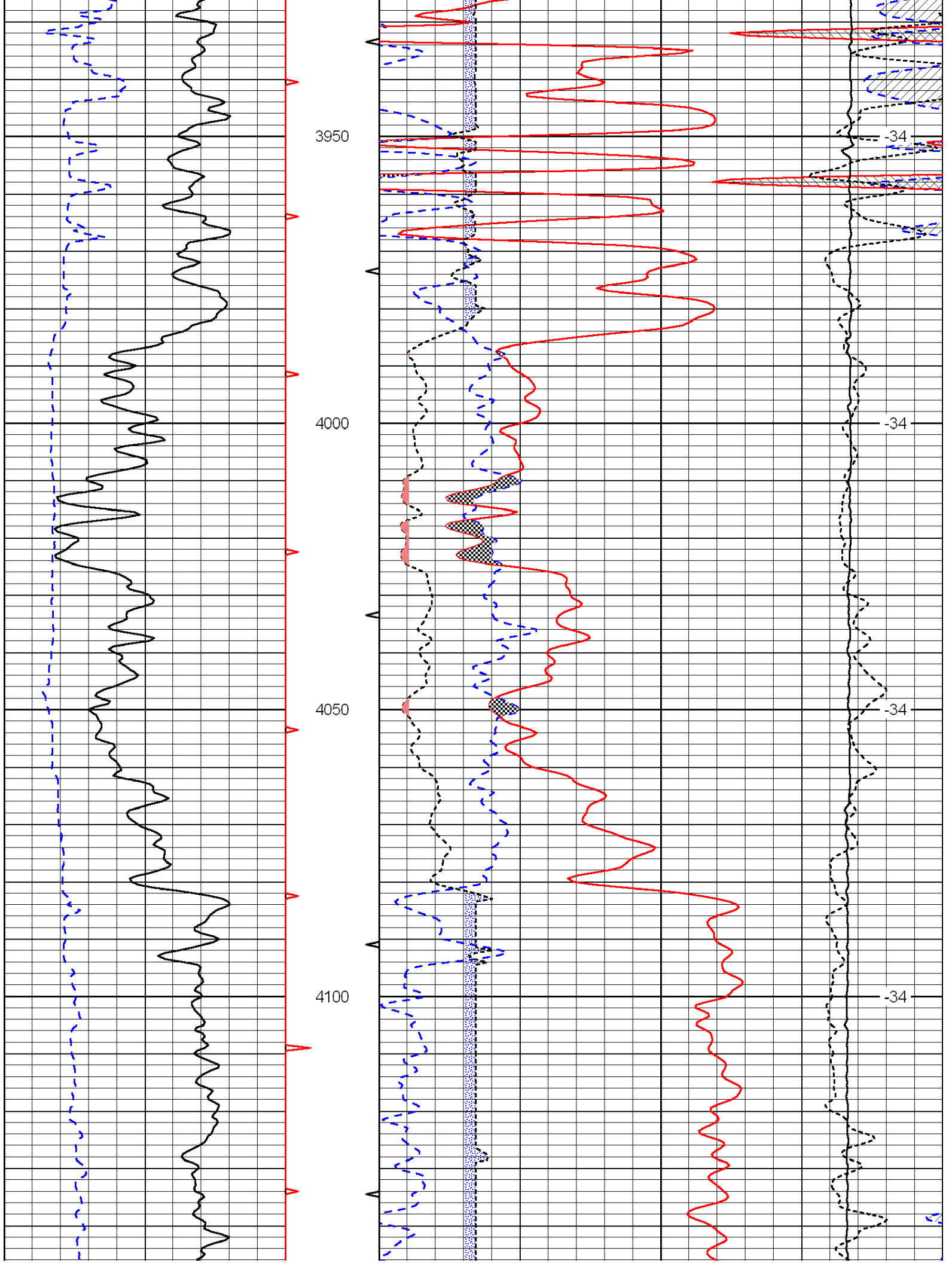


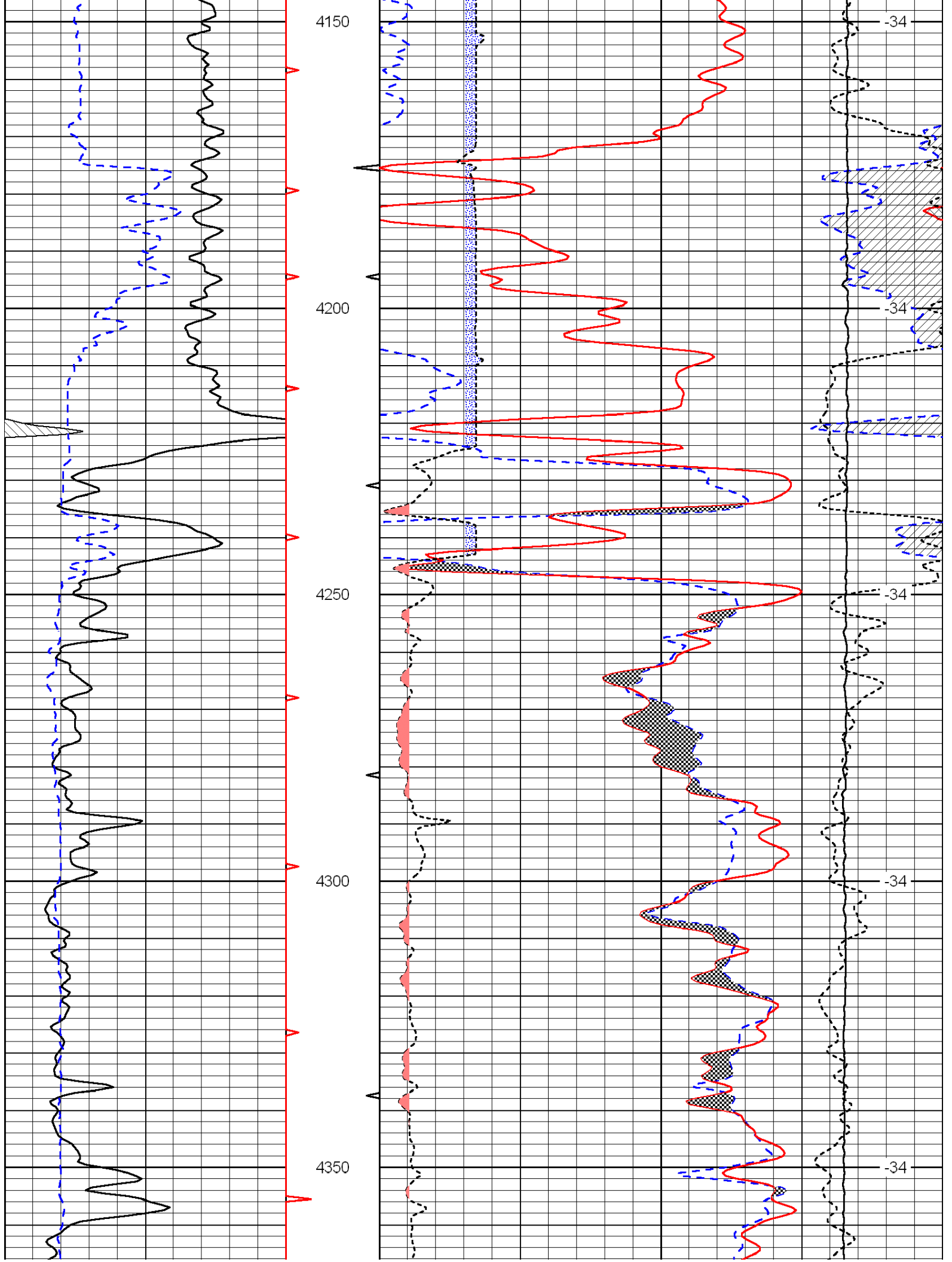
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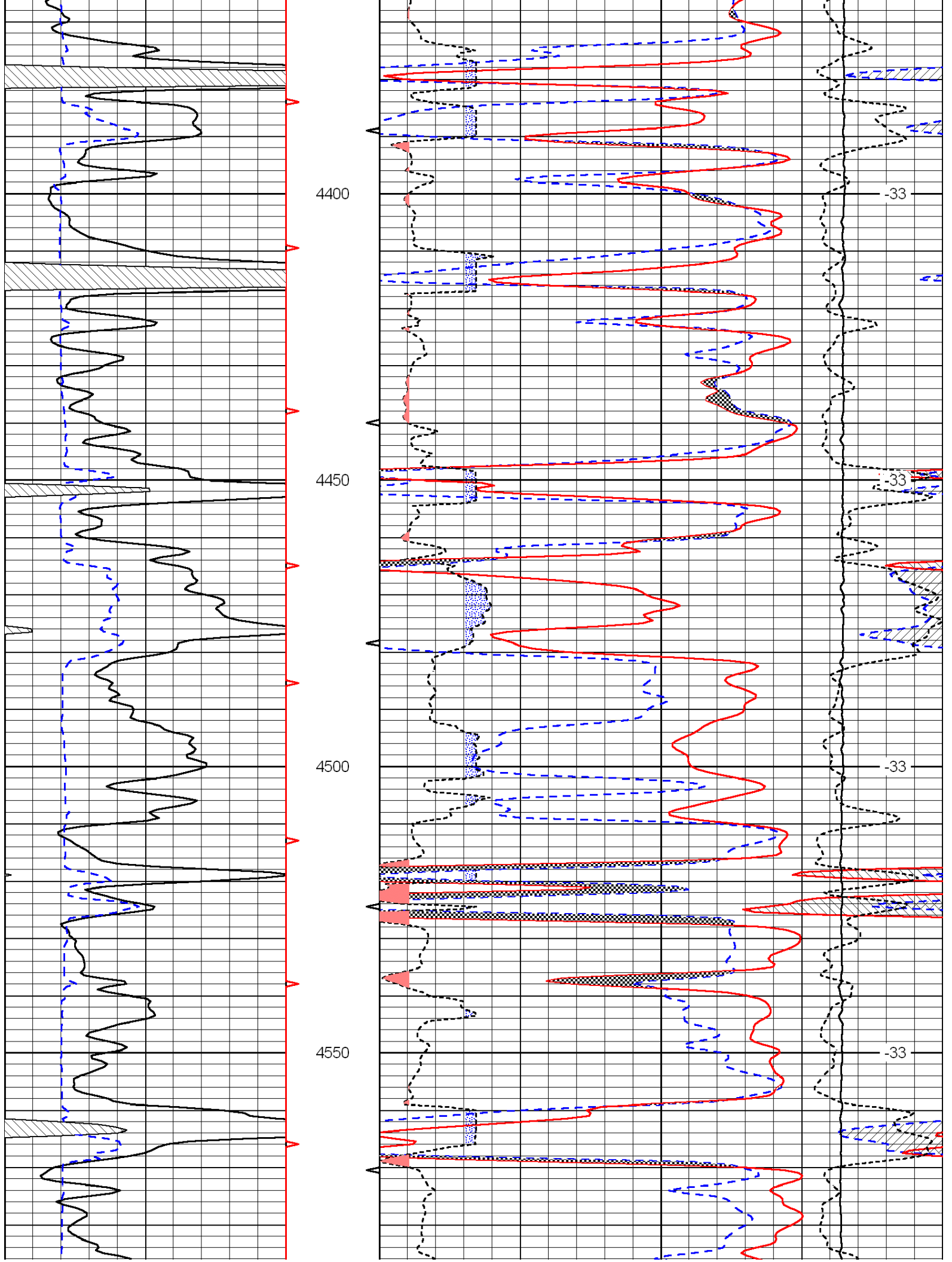


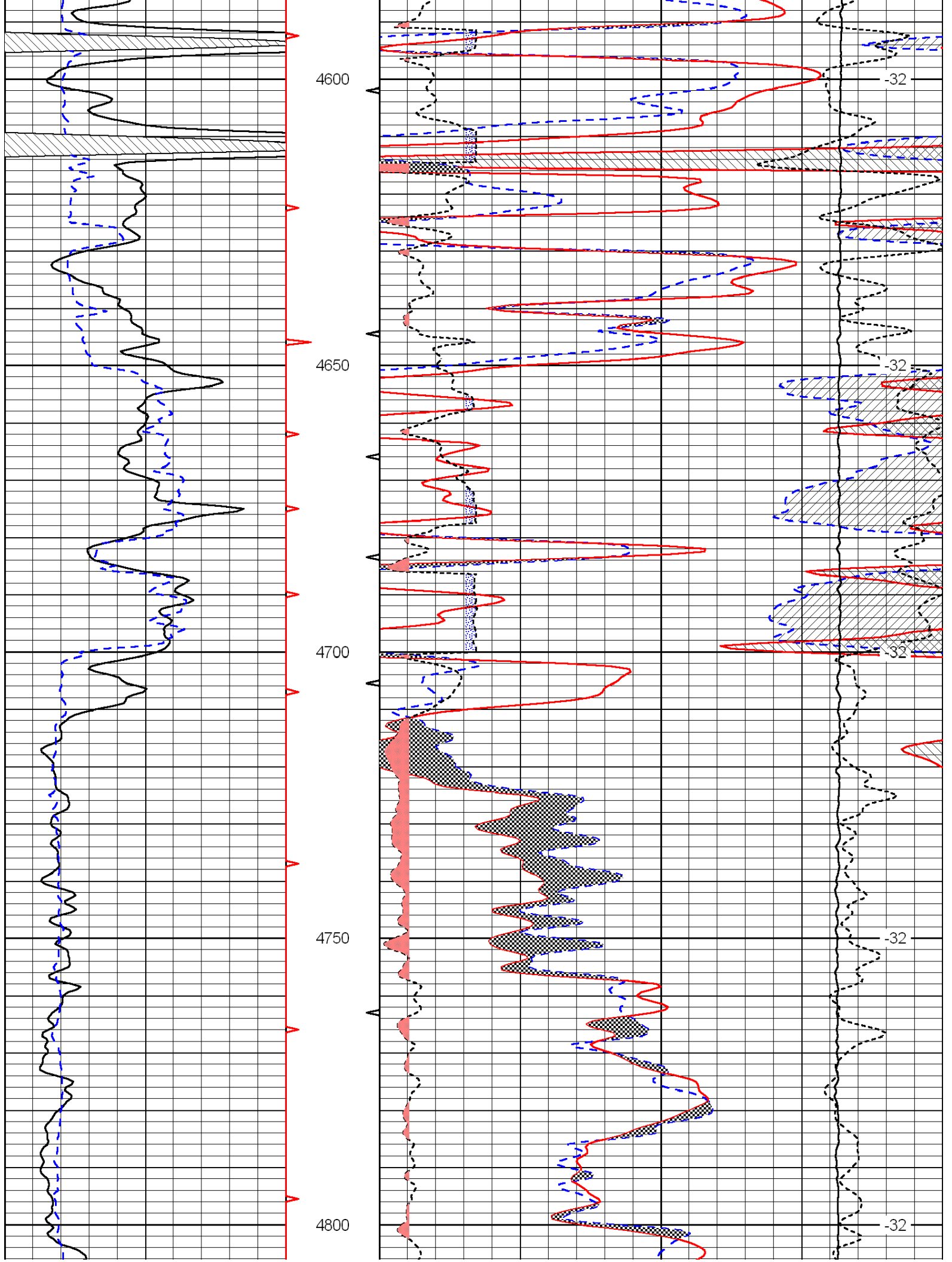


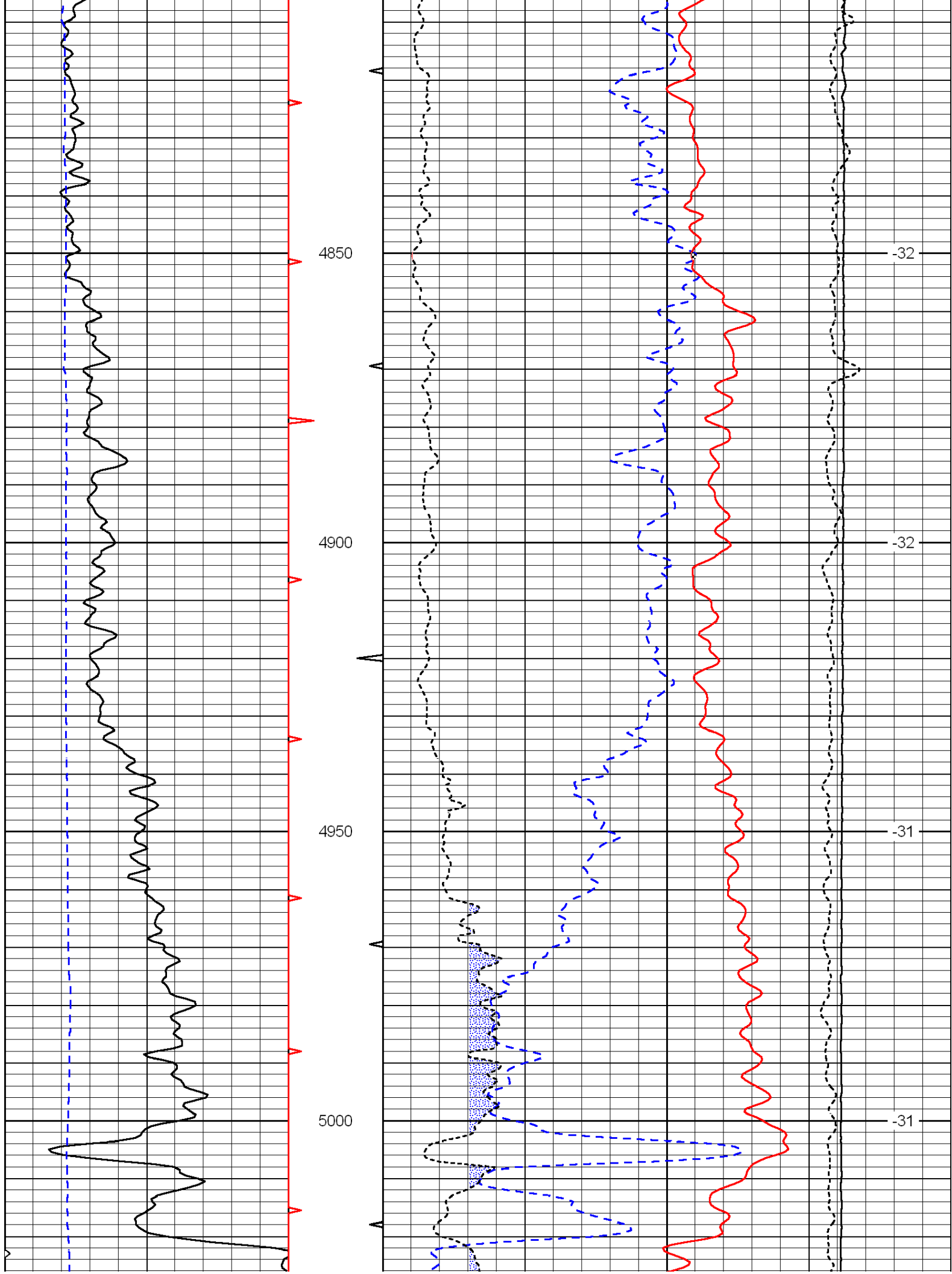




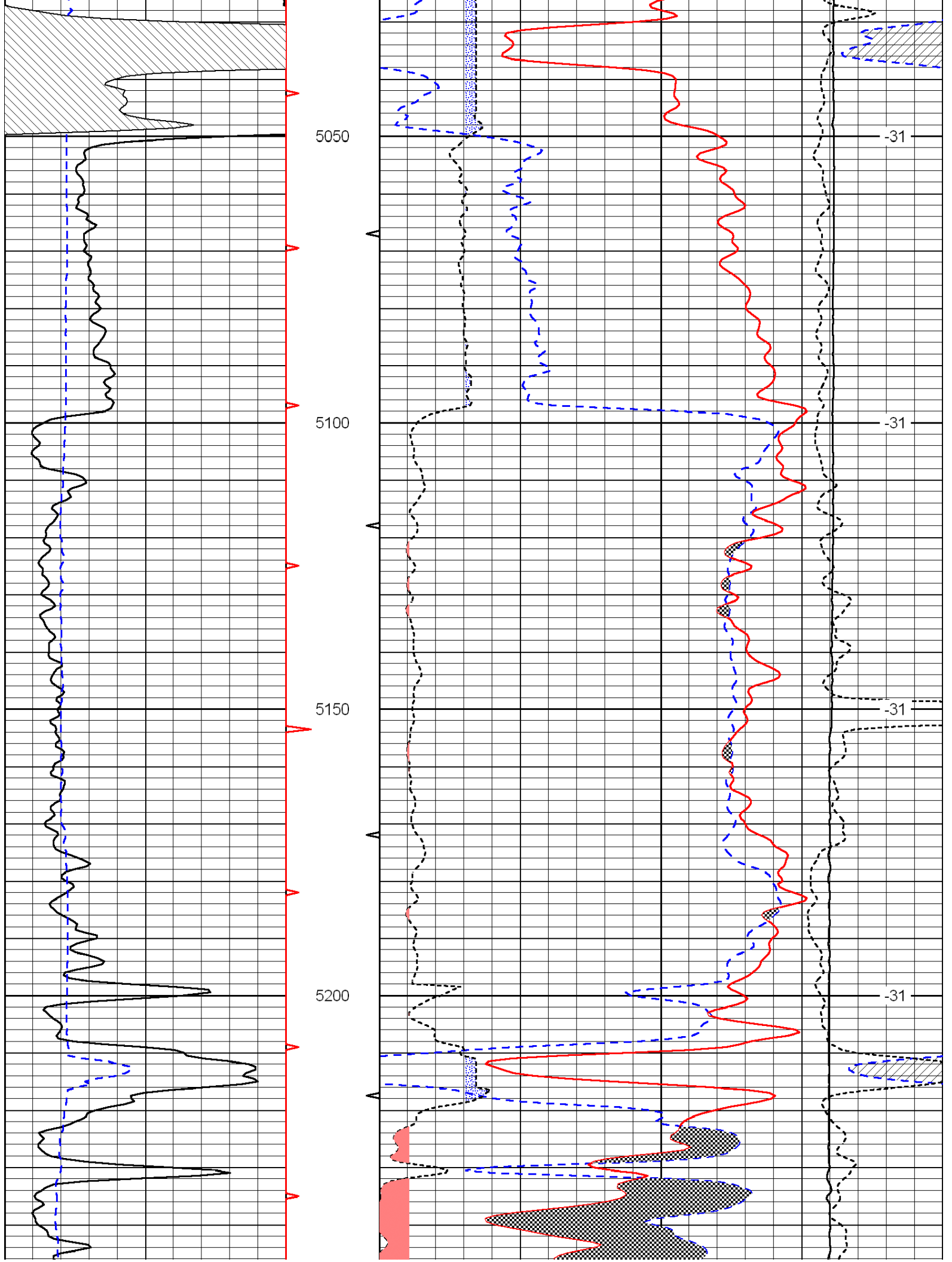


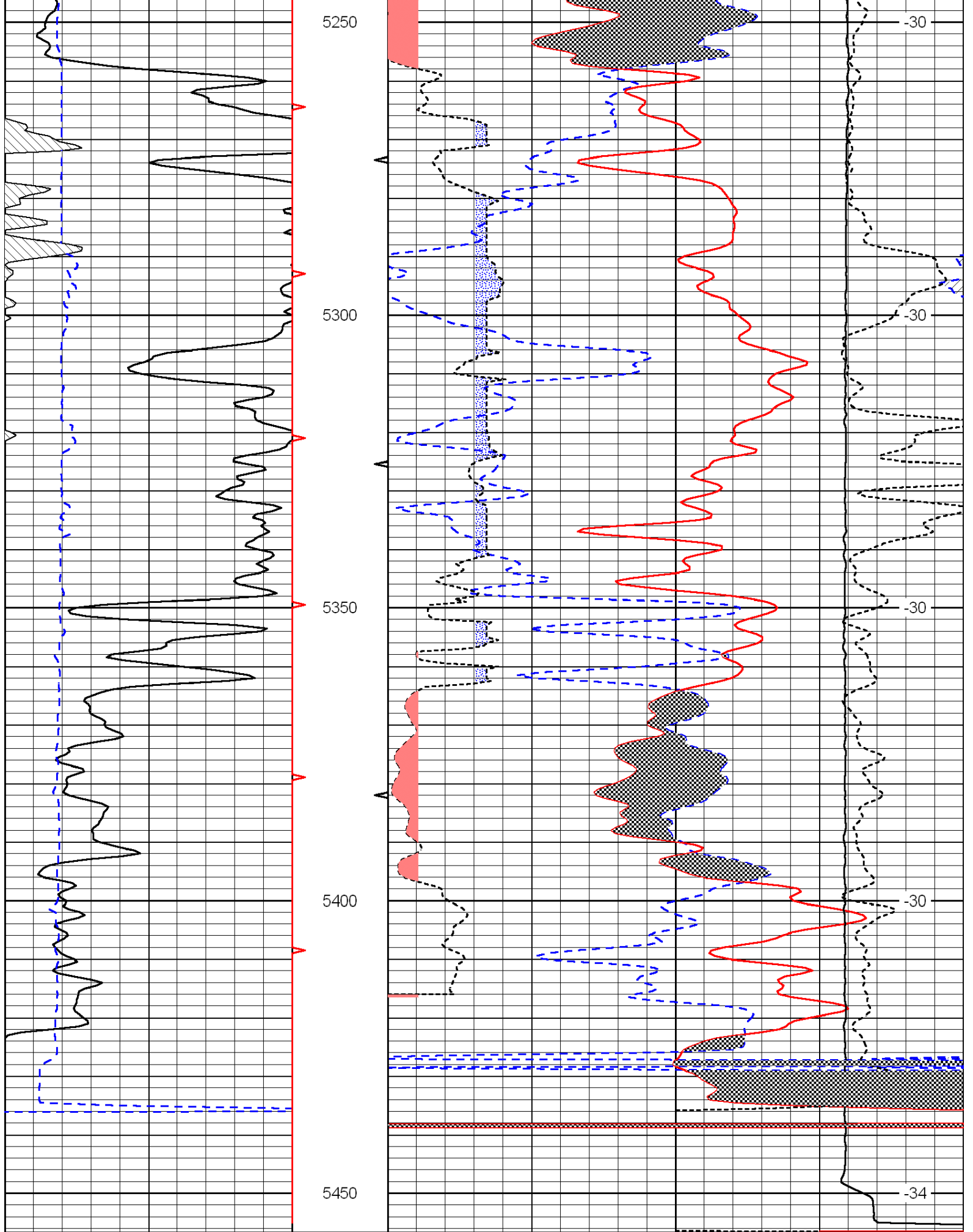












0	Gamma Ray	150
6	Caliper (GAPI)	16

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



# Dual Induction Log

DIGITAL LOG (785) 625-3858

15-007-23,785-00-00

API No.

Company **Chieftain Oil Company, Inc.**

Well **Blevins No.1**

Field  
County **Barber** State **Kansas**

Location  
**SE NW SW NE  
1760' FNL & 2255' FEL**

Sec: **2** Twp: **35S** Rge: **11W**

Permanent Datum **Ground Level** Elevation **1312**

Log Measured From **Kelly Bushing** 8 Ft. Above Perm. Datum

Drilling Measured From **Kelly Bushing**

Date **11/5/2011**

Run Number **One**

Depth Driller **5447**

Depth Logger **5449**

Bottom Logged Interval **5448**

Top Log Interval **300**

Casing Driller **8.625 @ 331**

Casing Logger **332**

Bit Size **7.875**

Type Fluid in Hole **Chemical**

Salinity,ppm CL **6.800**

Density / Viscosity **9.3 | 68**

pH / Fluid Loss **9.5 | 8.9**

Source of Sample **Flowline**

Rm @ Meas. Temp **.35 @ 67**

Rmf @ Meas. Temp **.26 @ 67**

Rmc @ Meas. Temp **.47 @ 67**

Source of Rmf / Rmc **Charts**

Rm @ BHT **.18 @ 130**

Operating Rig Time **3 Hours**

Max Rec. Temp. F **130**

Equipment Number **17**

Location **Hays**

Recorded By **C. Desai**

Witnessed By **Arden Ratzlaff**

Other Services **CNL/CDL**

Elevation **K.B. 1320  
D.F. 1312  
G.L. 1312**

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## Comments

Thank you for using Log-Tech, Inc.  
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Medicine Lodge KS, S to Kiowa turnoff,  
4 E stay straight at curve, E to T,  
1 N to T, E to T, S Into

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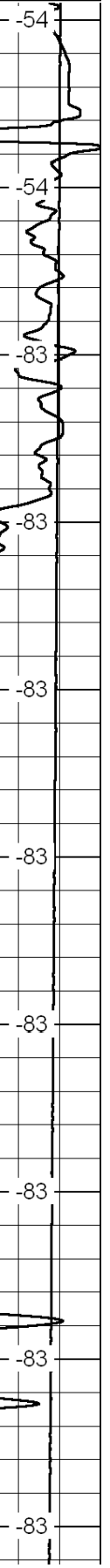
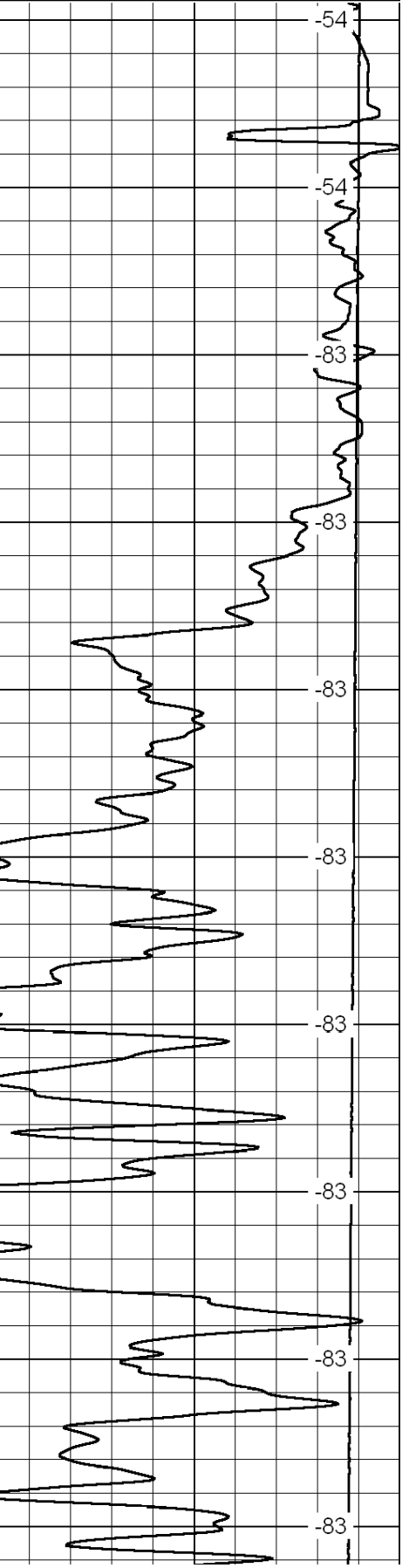
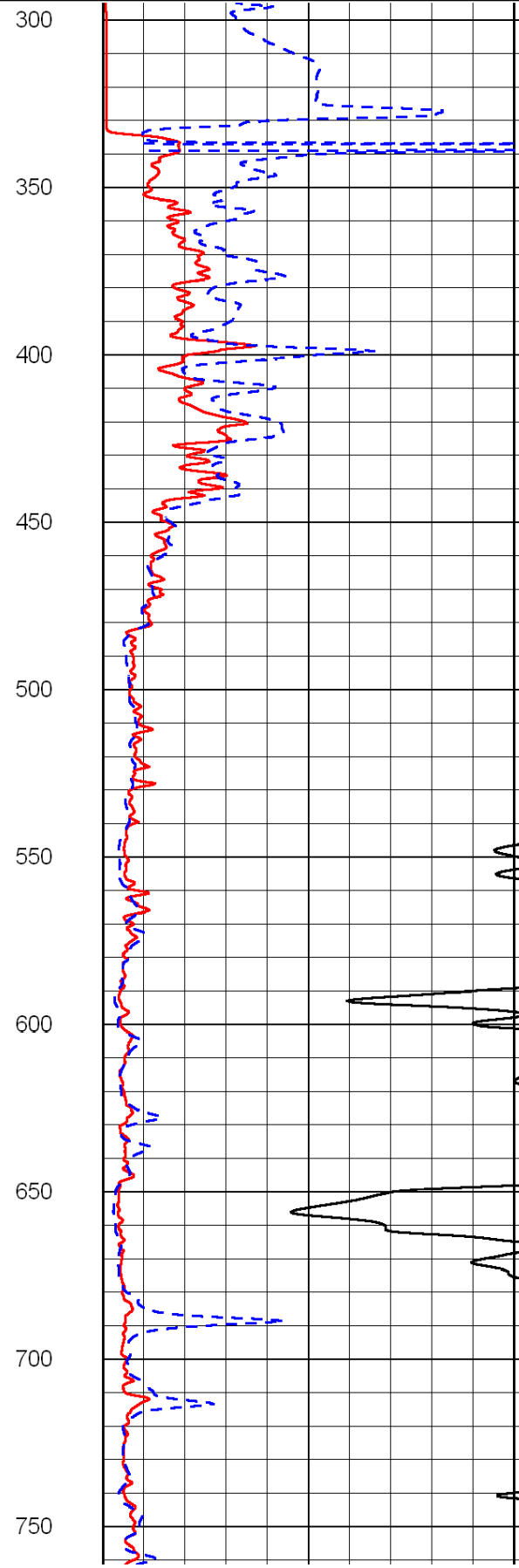
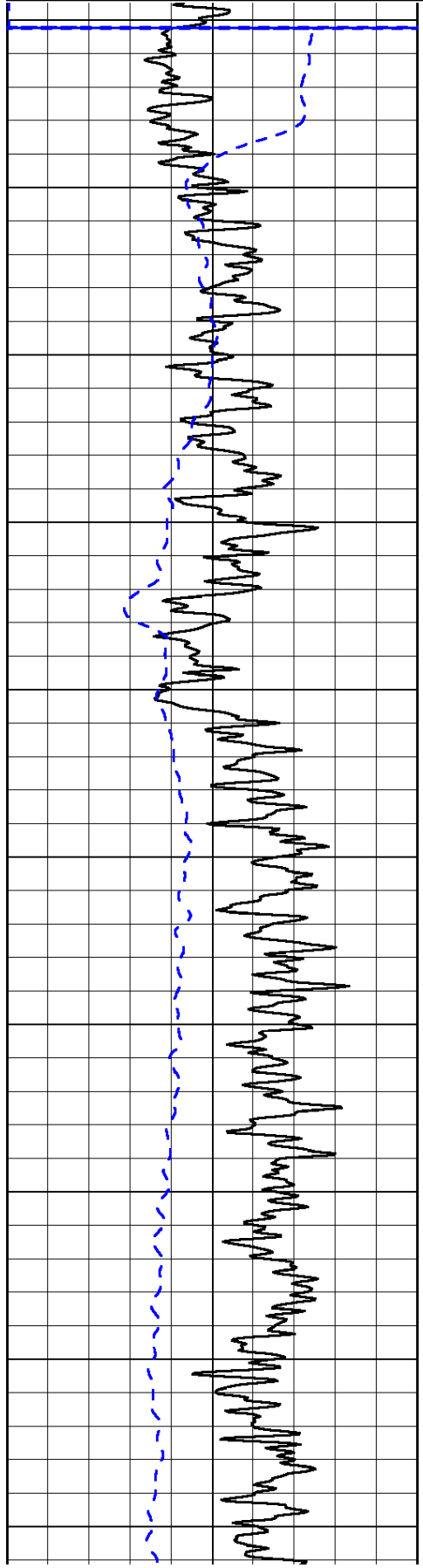
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-200	SP (mV)	0

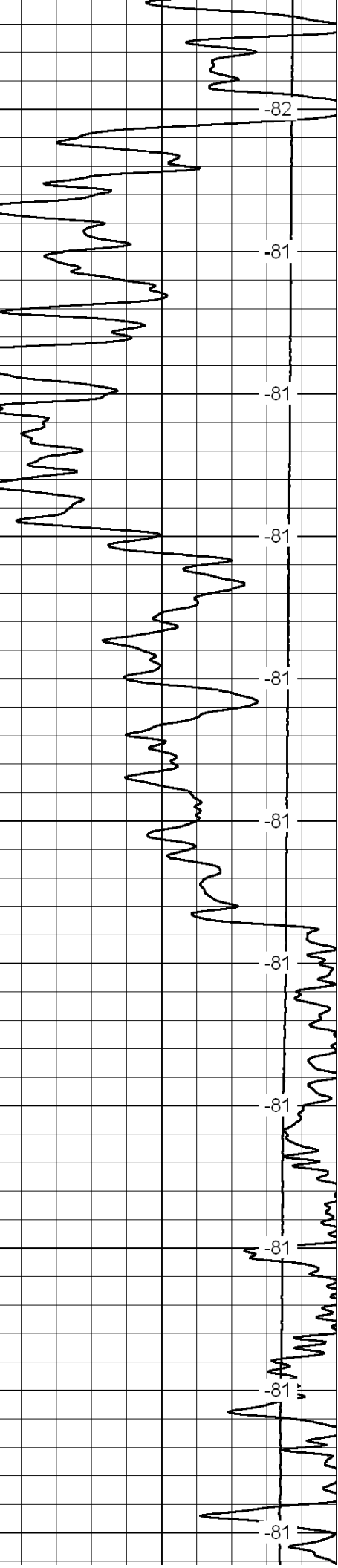
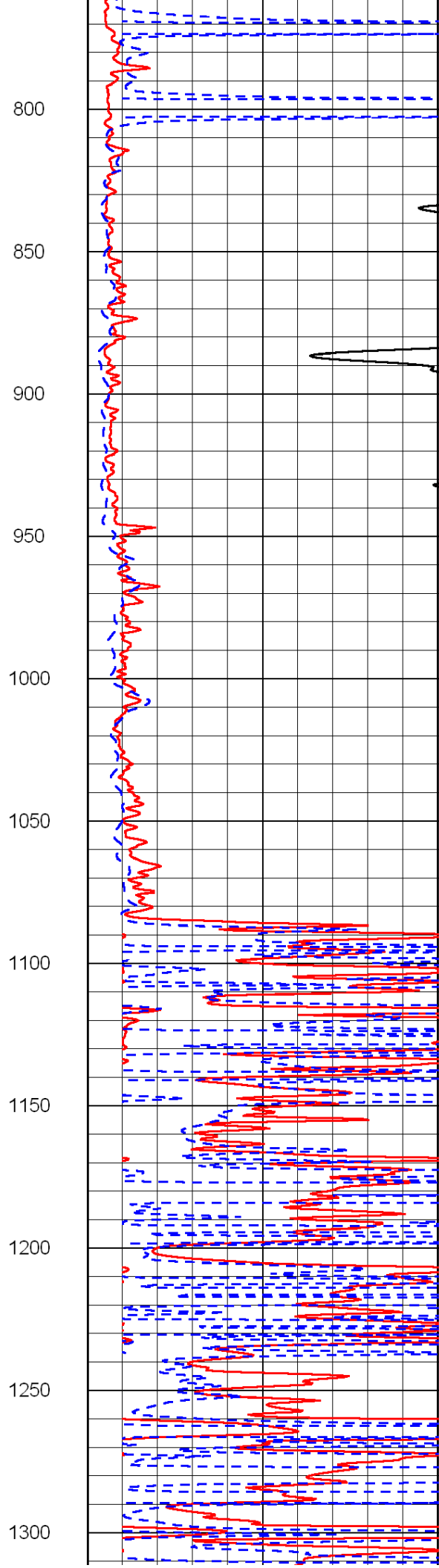
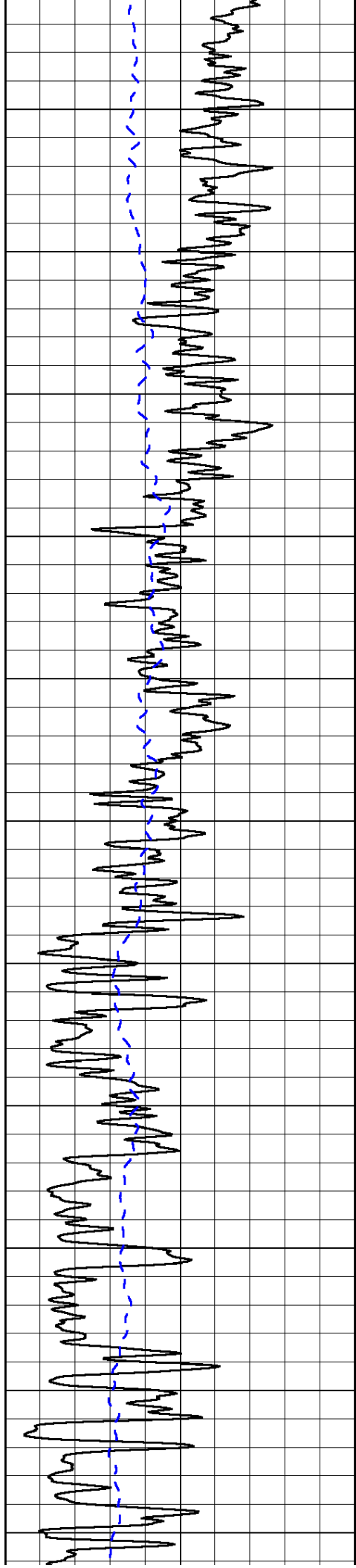
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0	Deep Resistivity	50

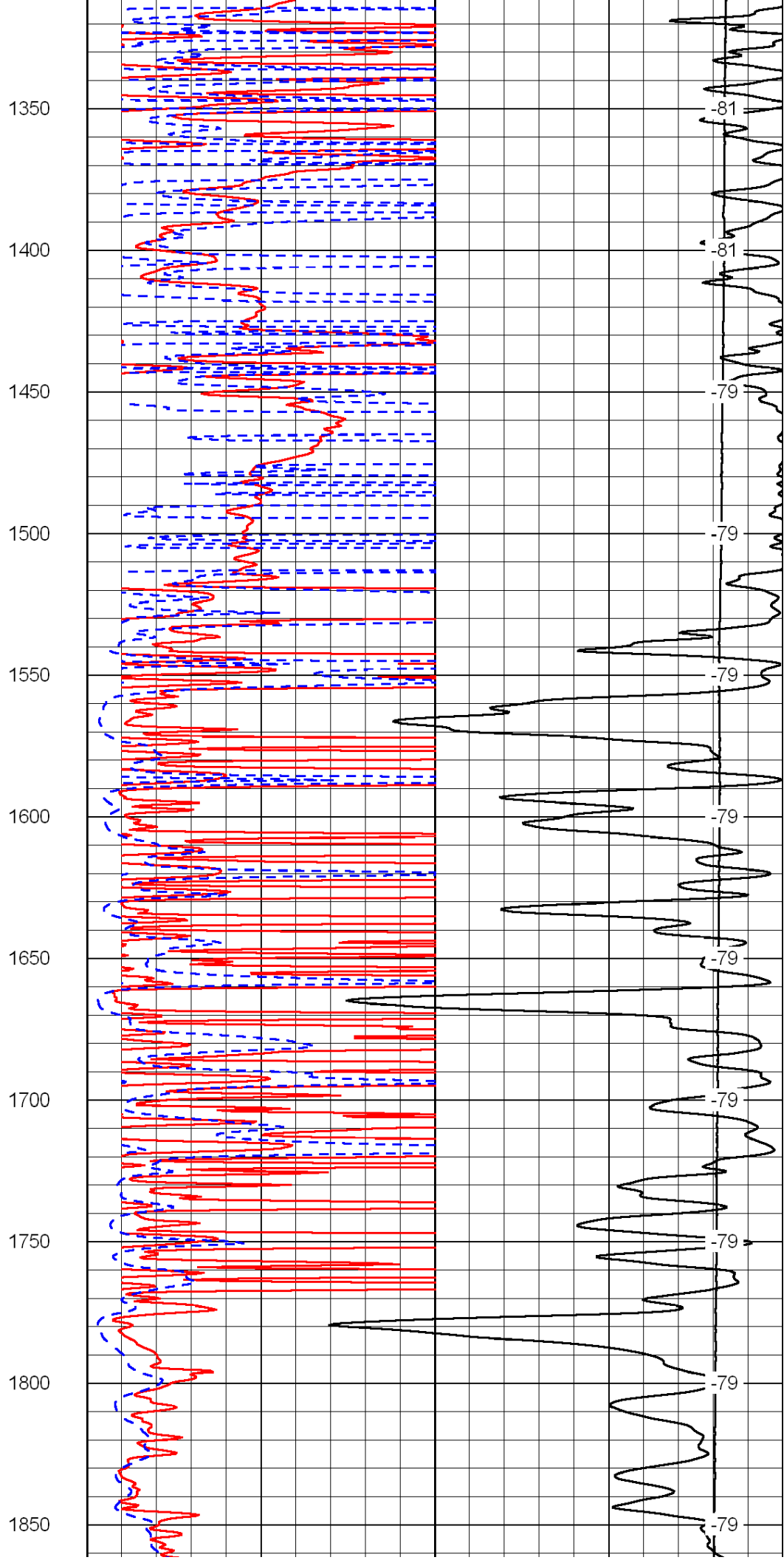
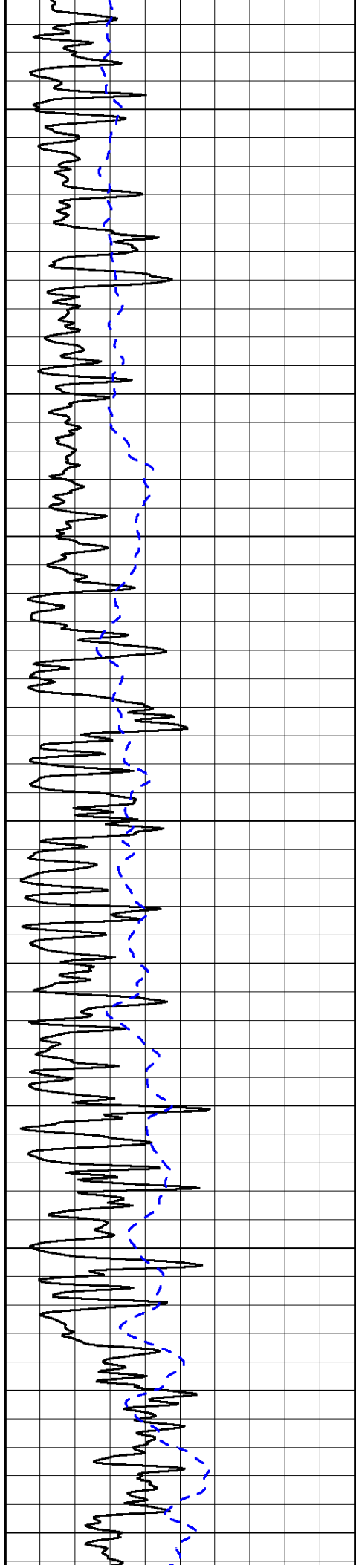
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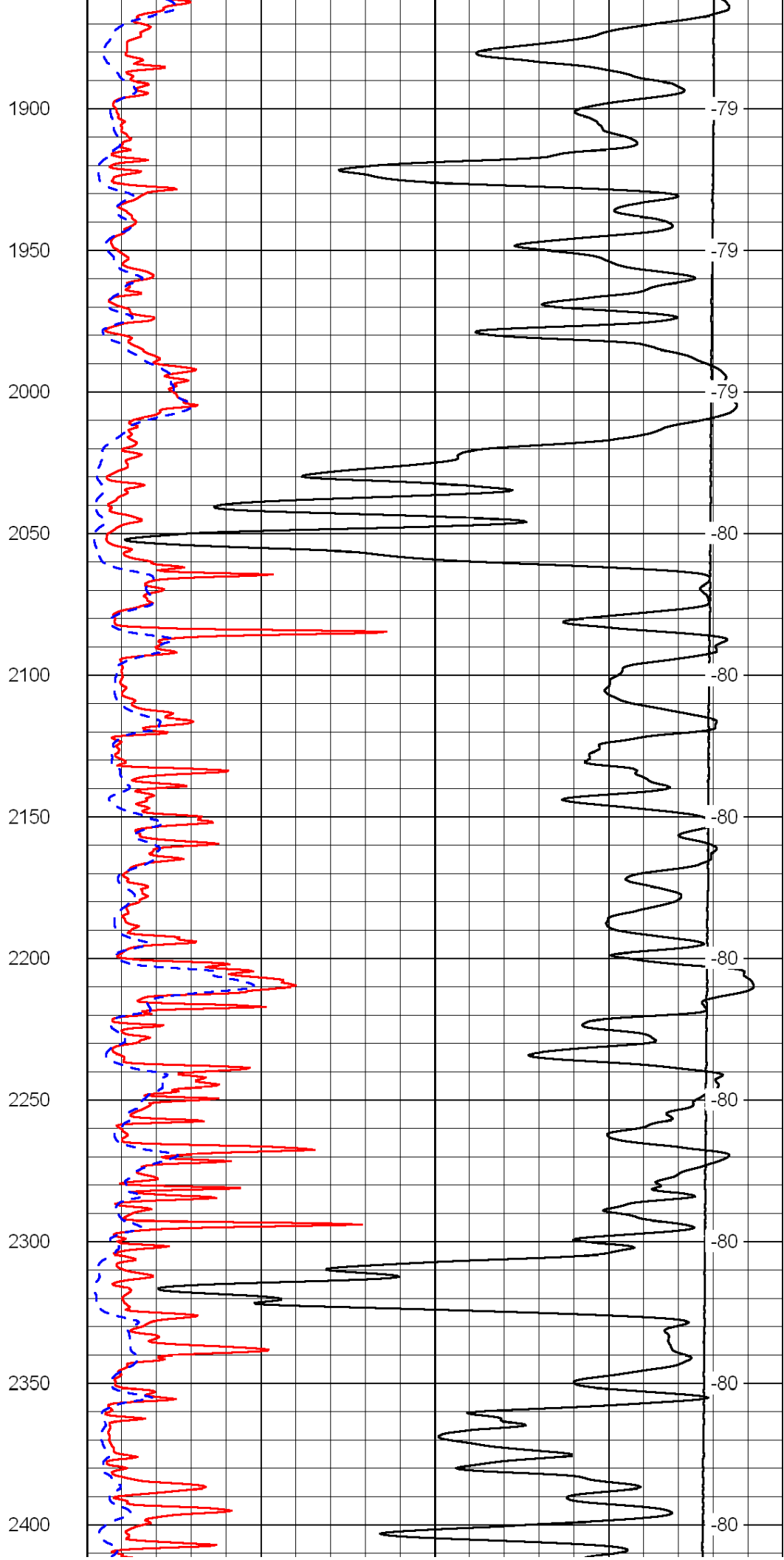
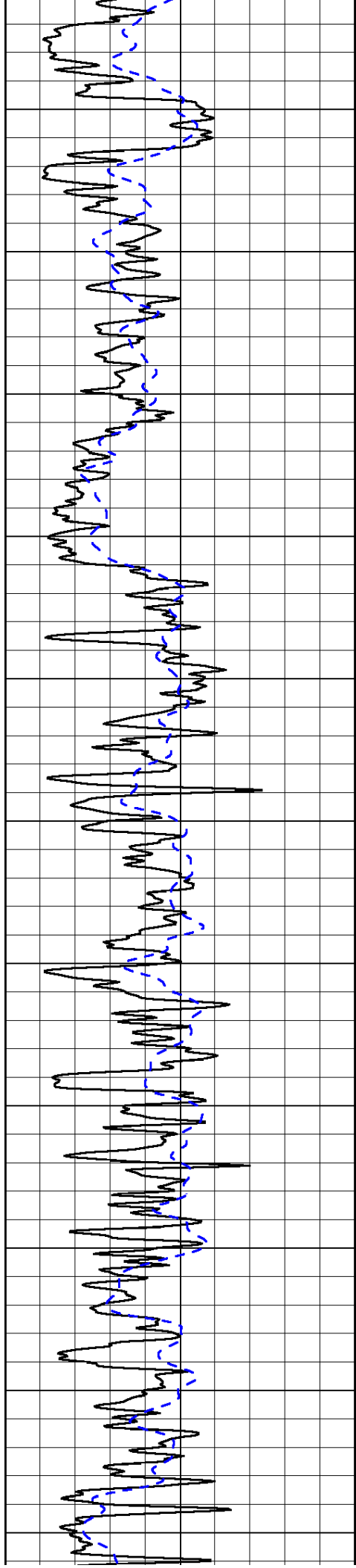
1000	Conductivity	0
15000	Line Tension	0

50	Shallow Resistivity	500
50	Deep Resistivity	500

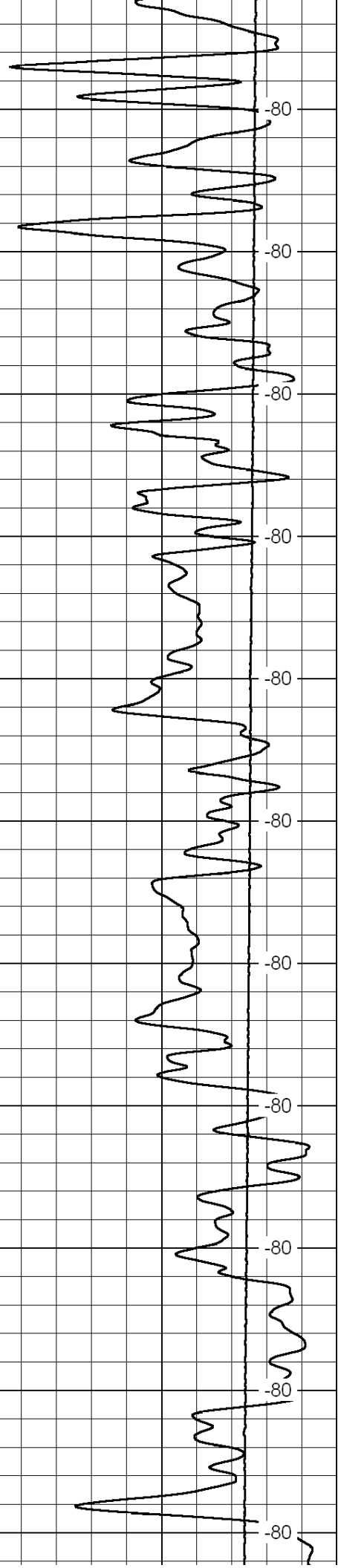
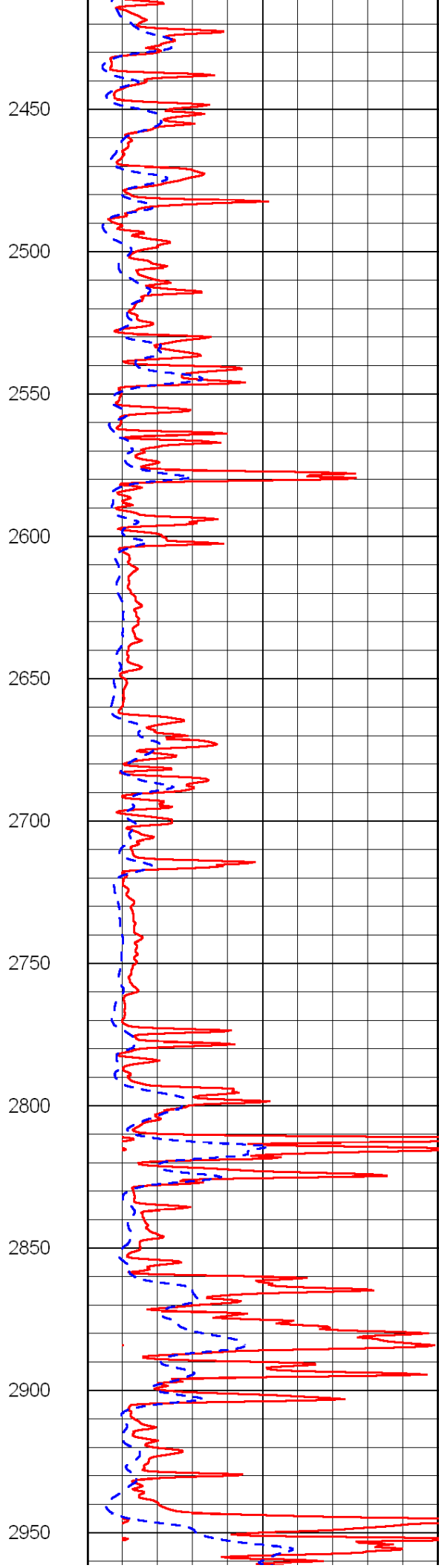
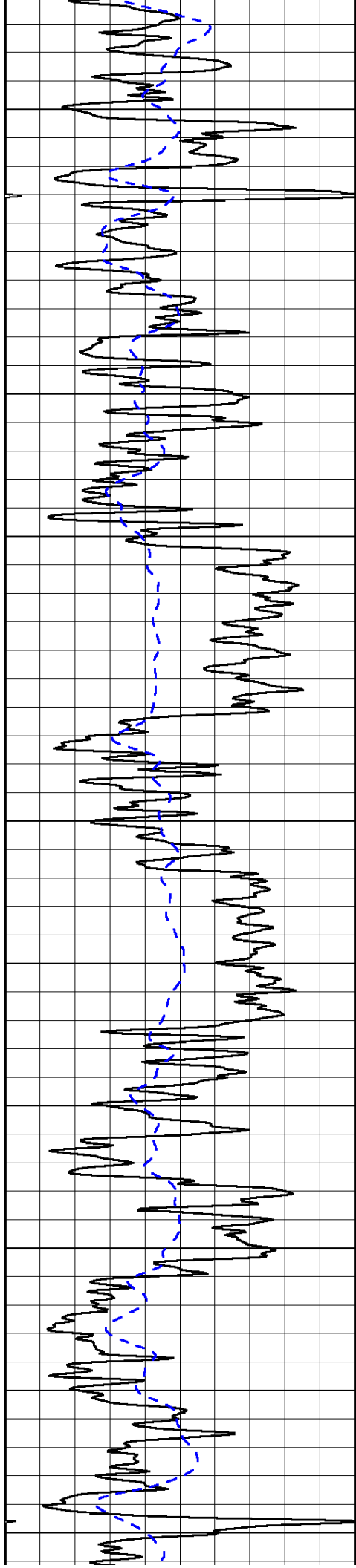






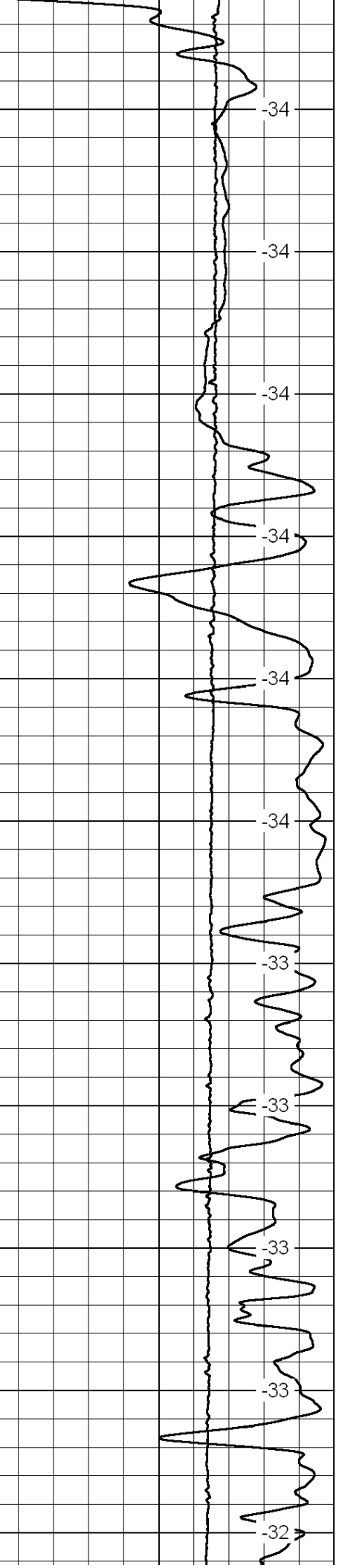
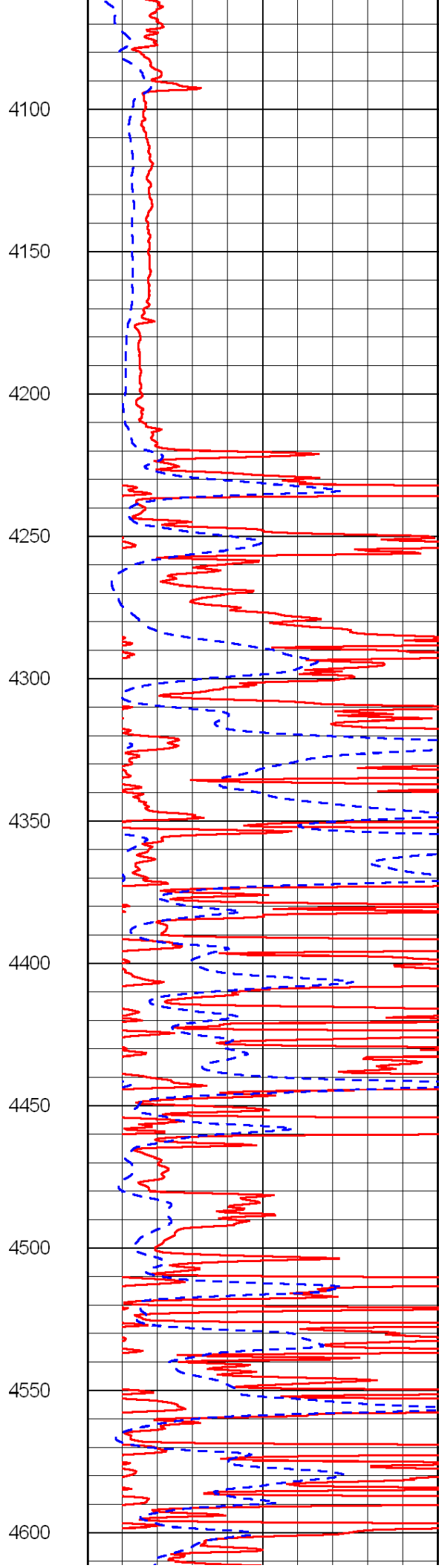
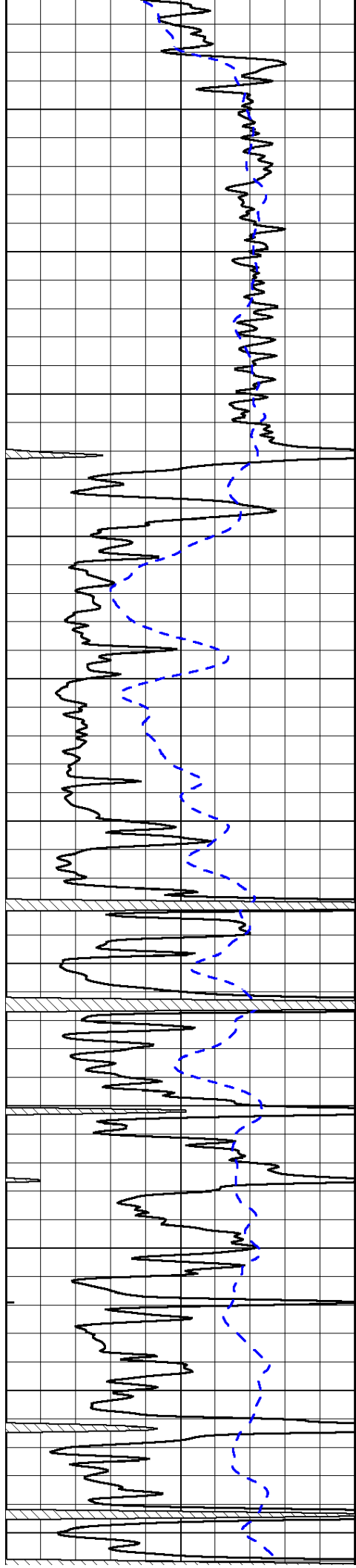


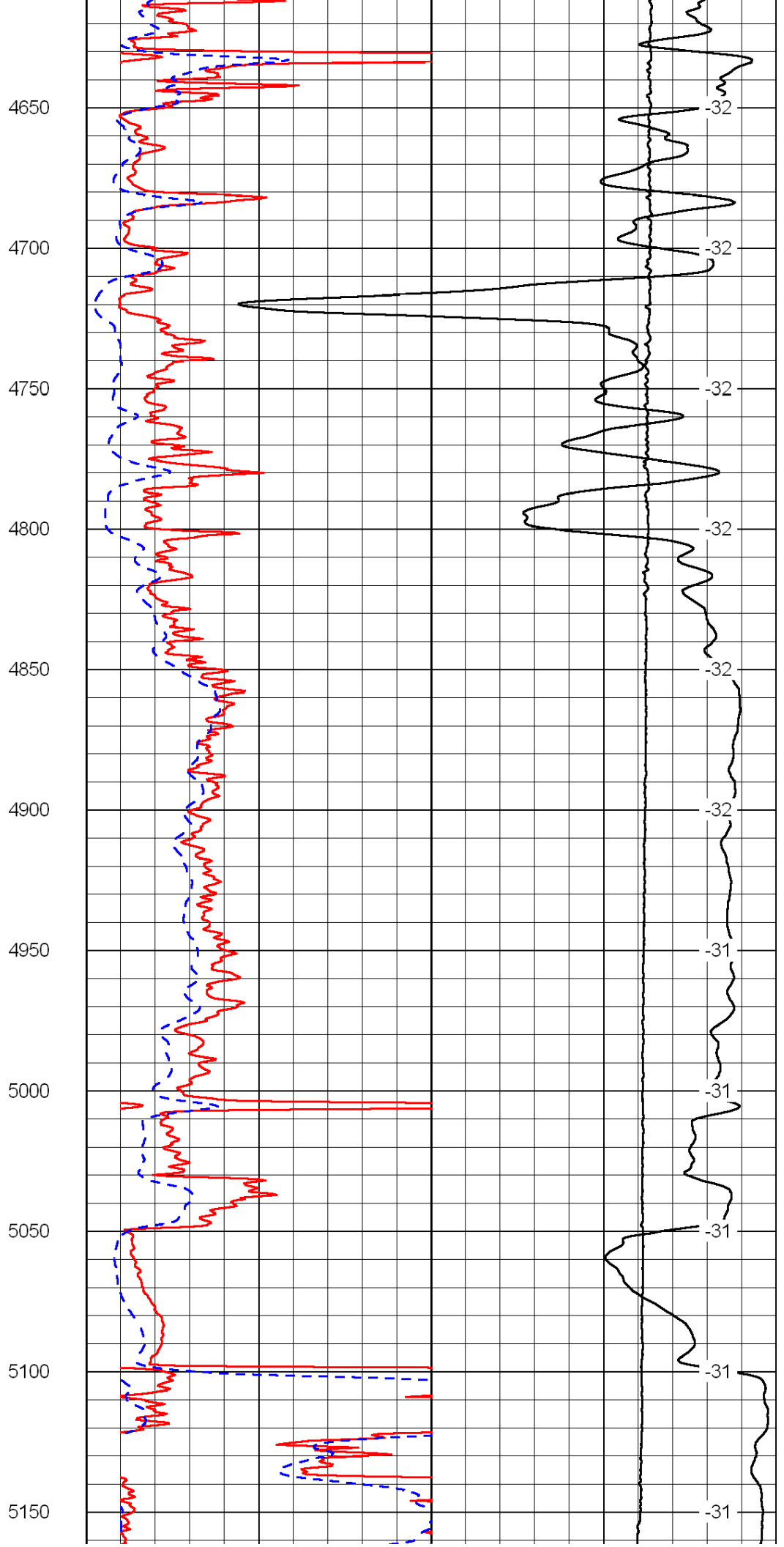
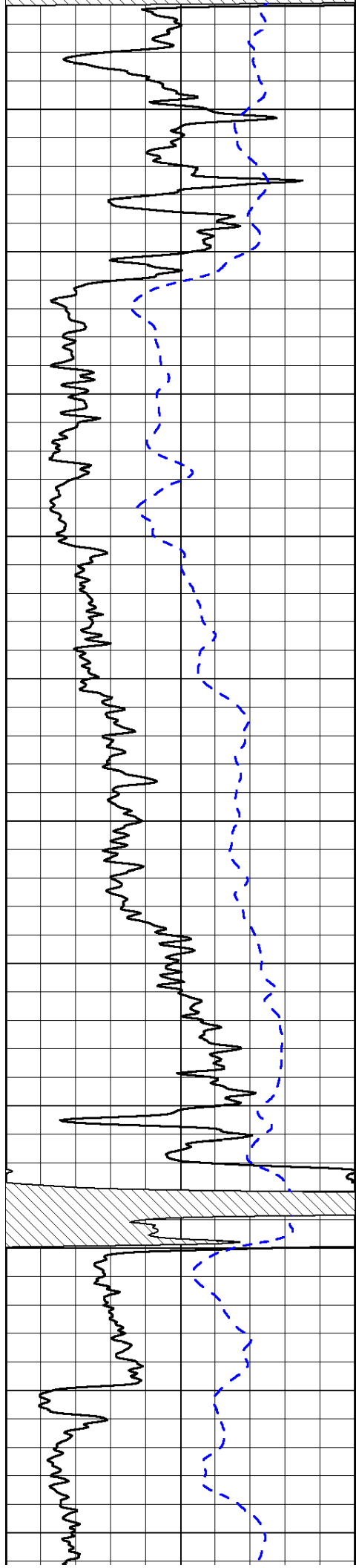


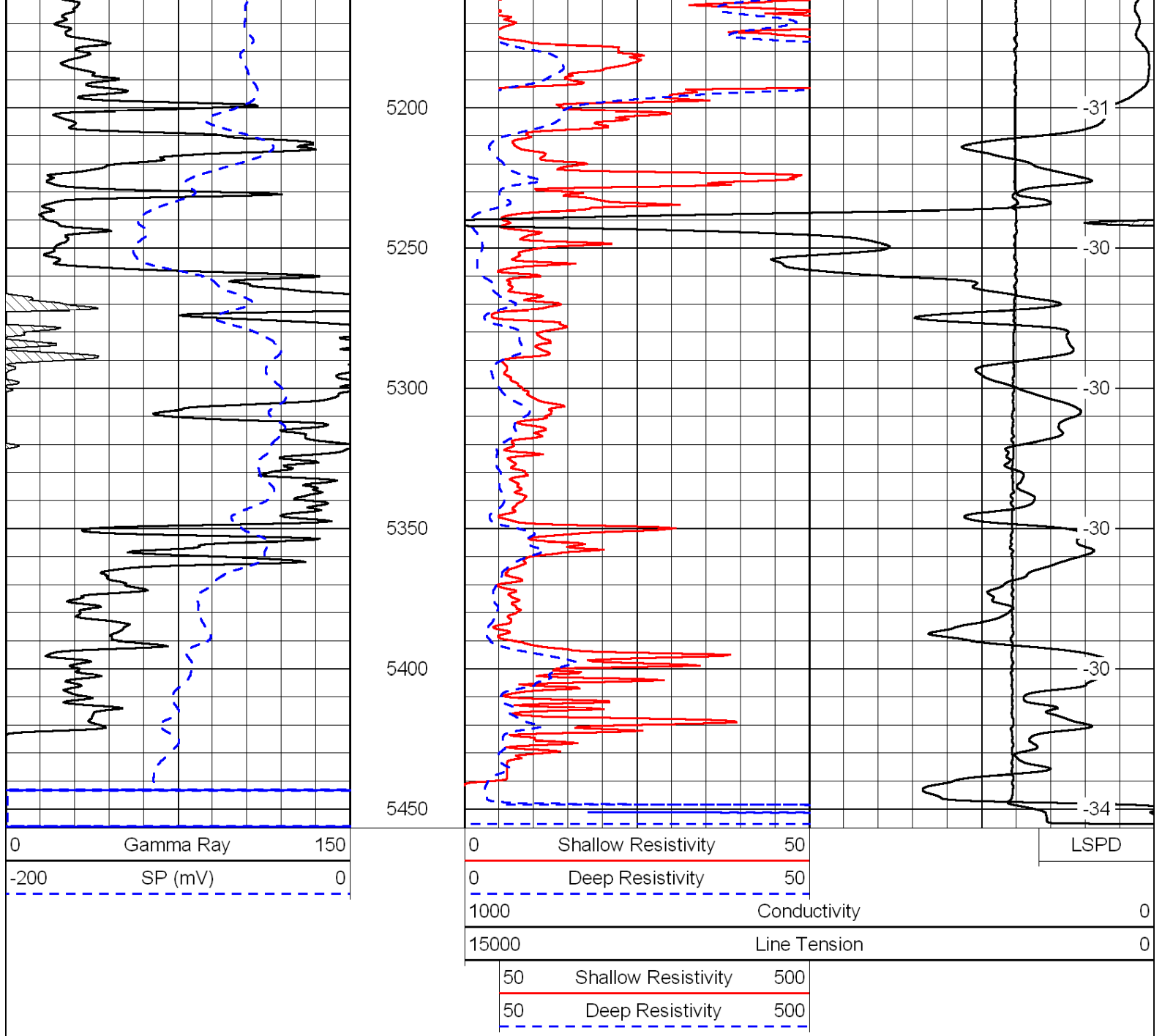




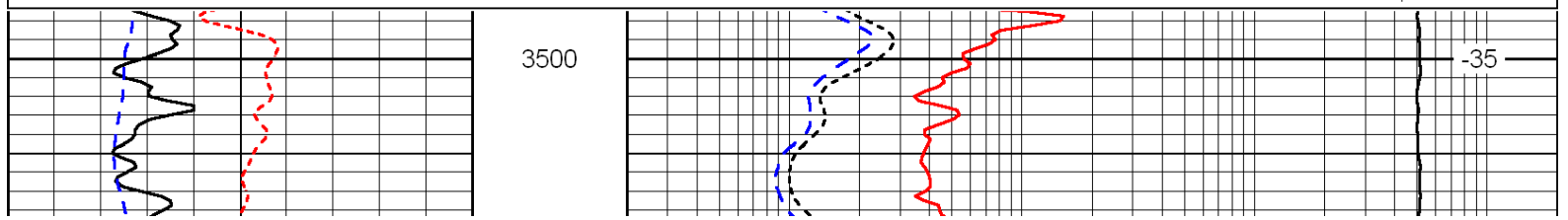
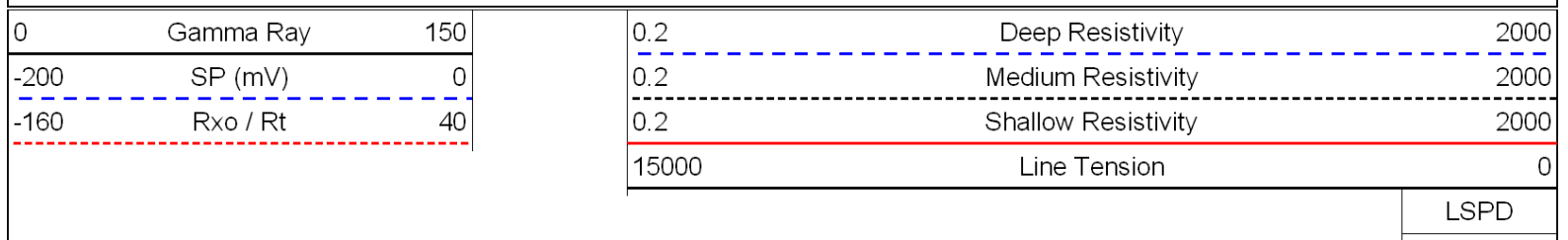


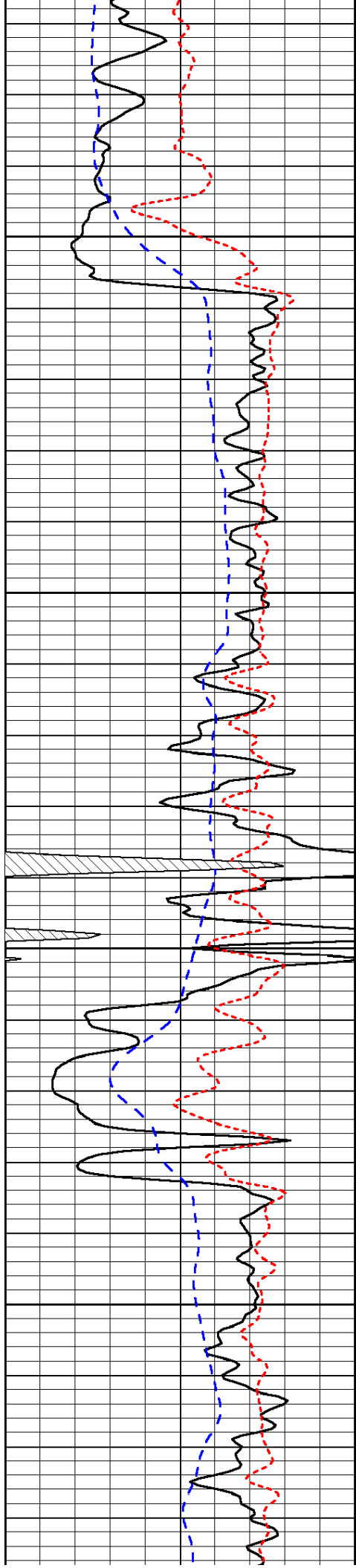






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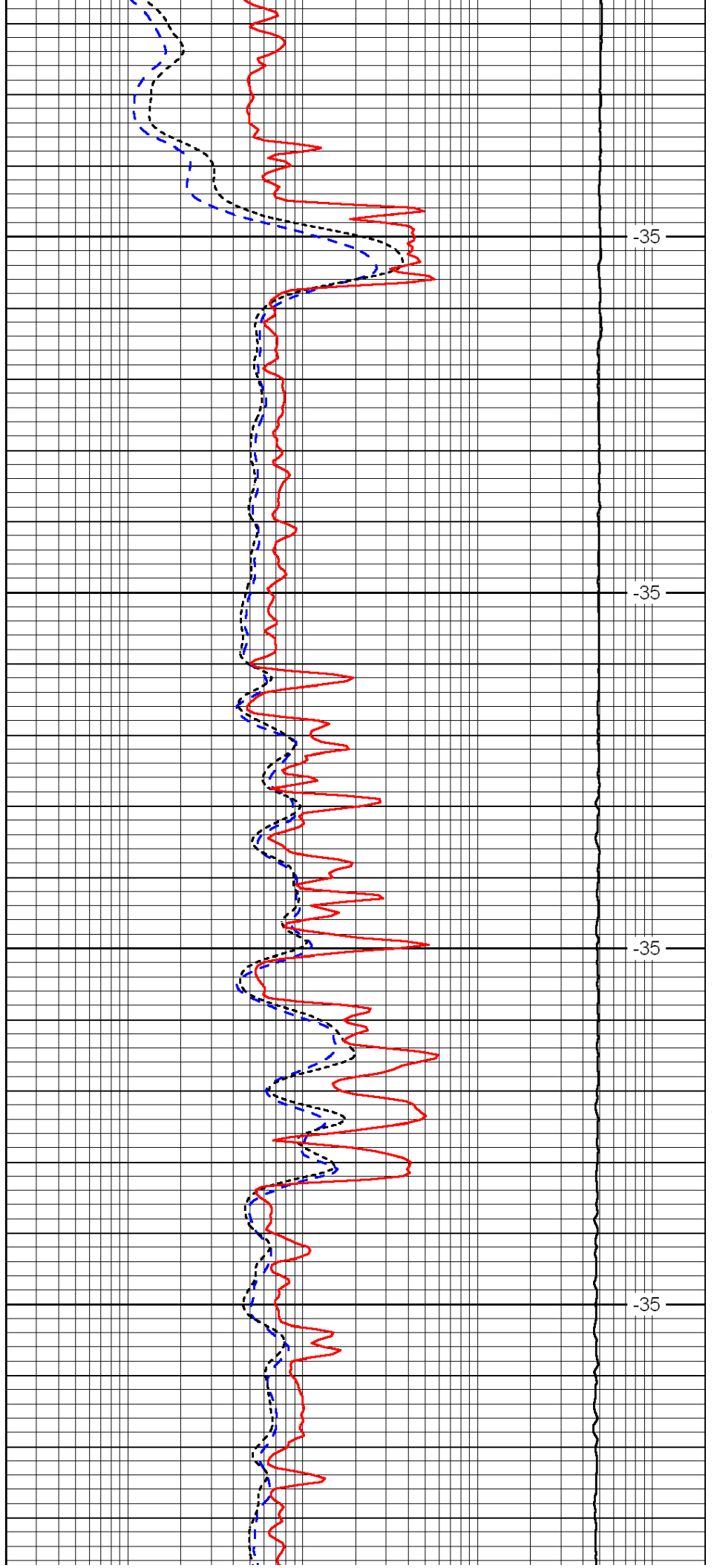


3550

3600

3650

3700

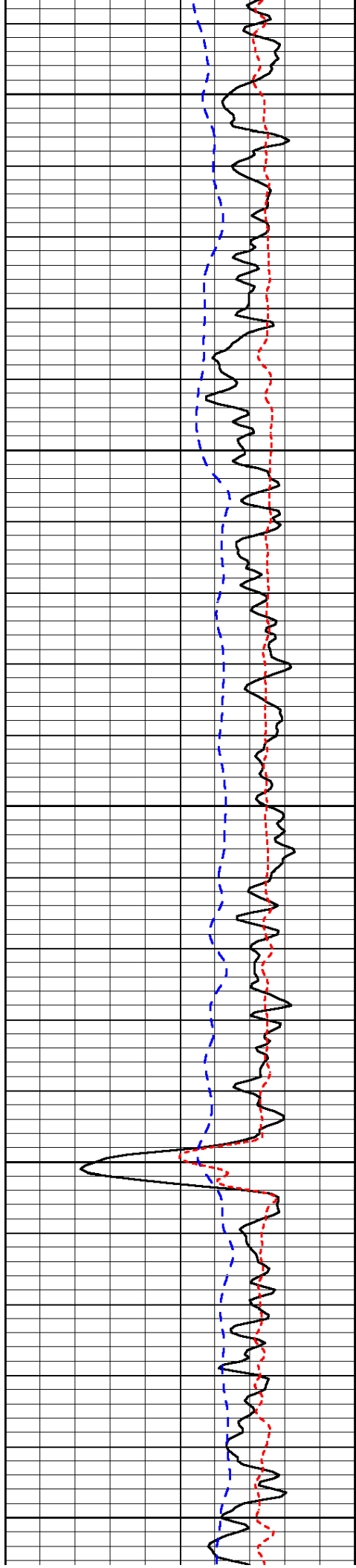


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-35

-35

-35



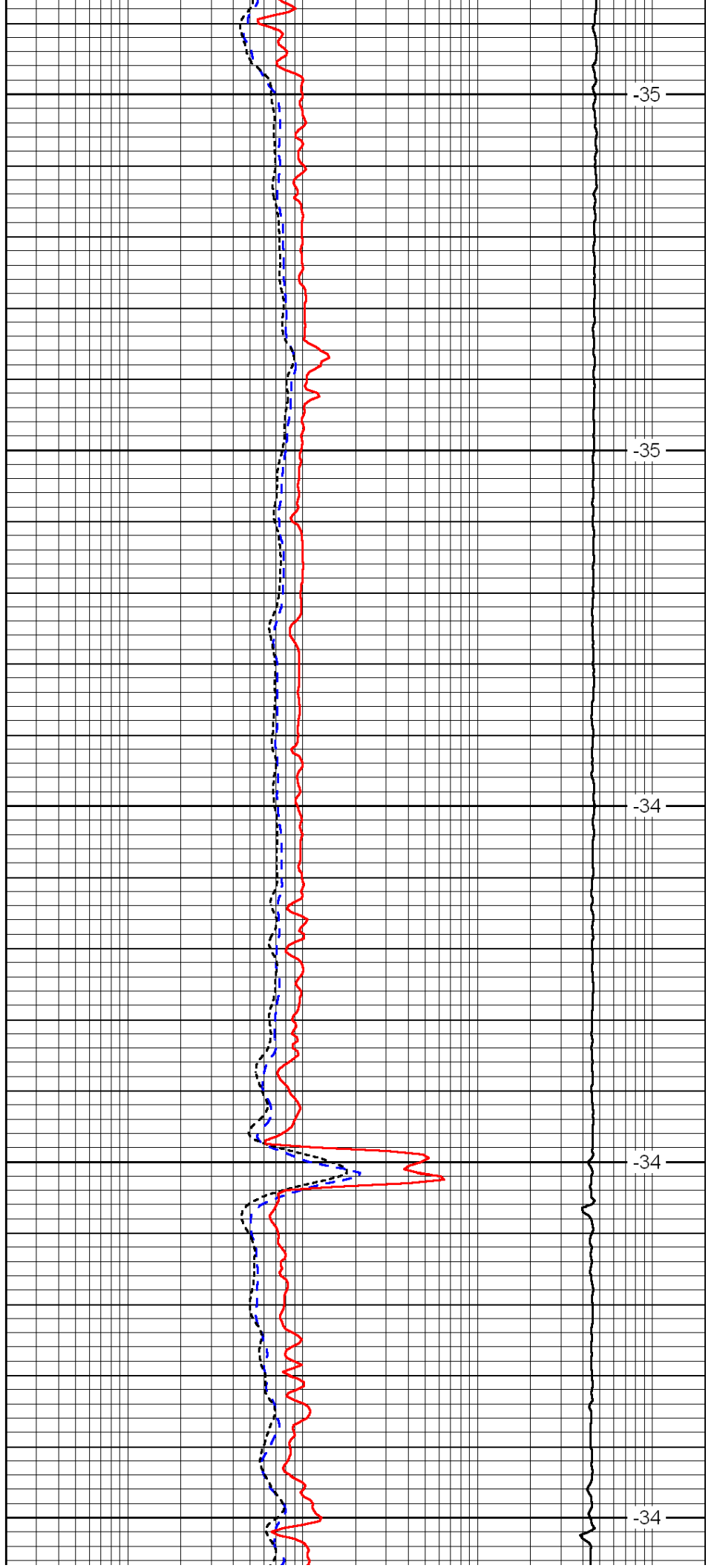
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3800

3850

3900

3950



-35

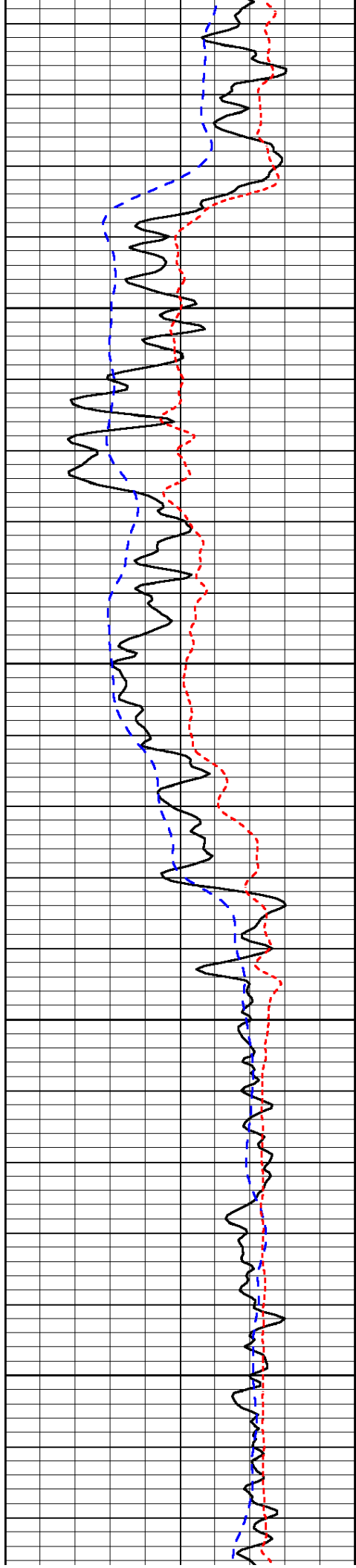
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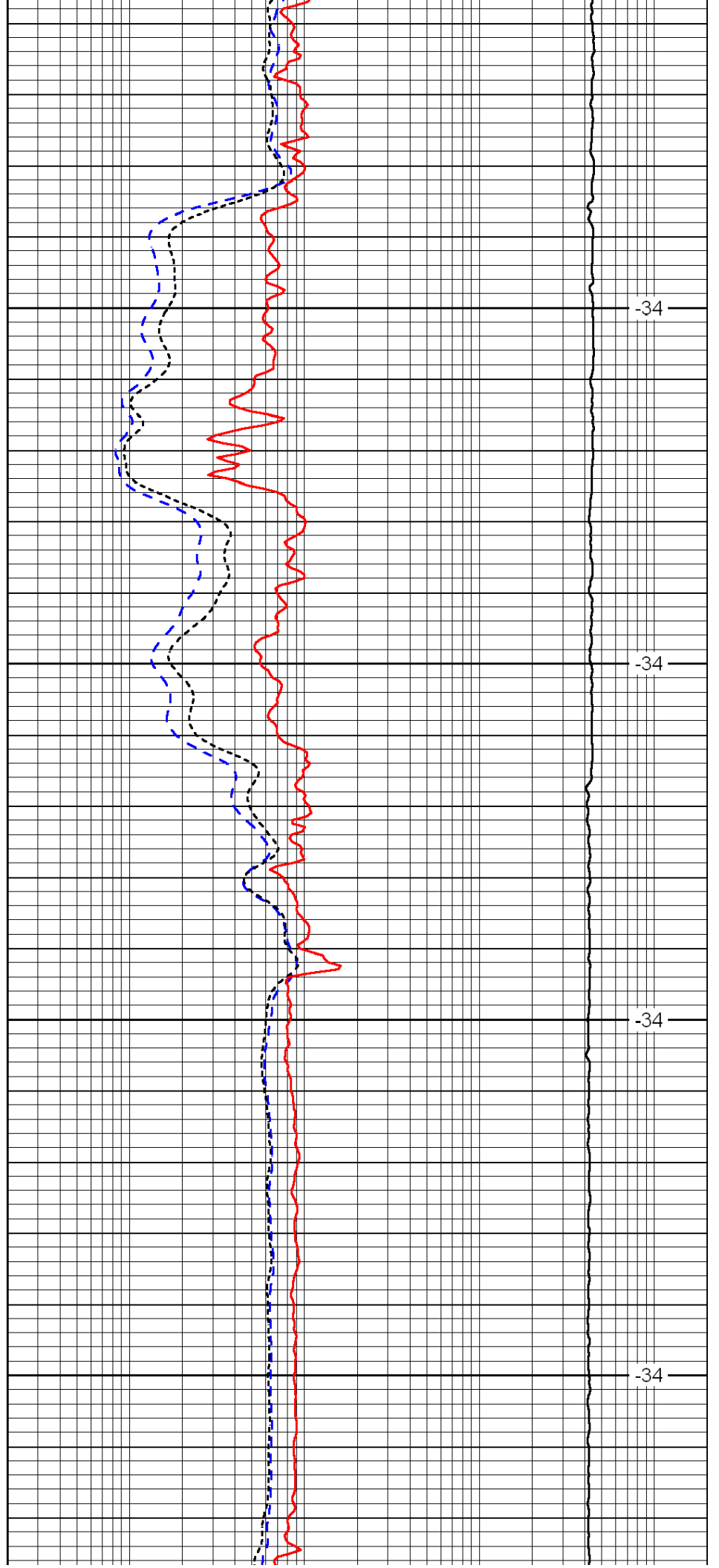


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4050

4100

4150

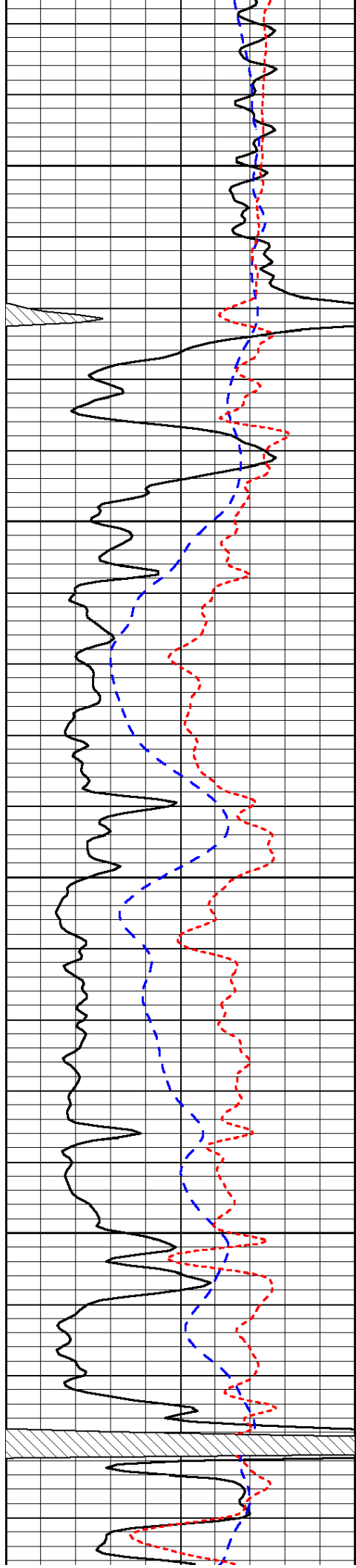


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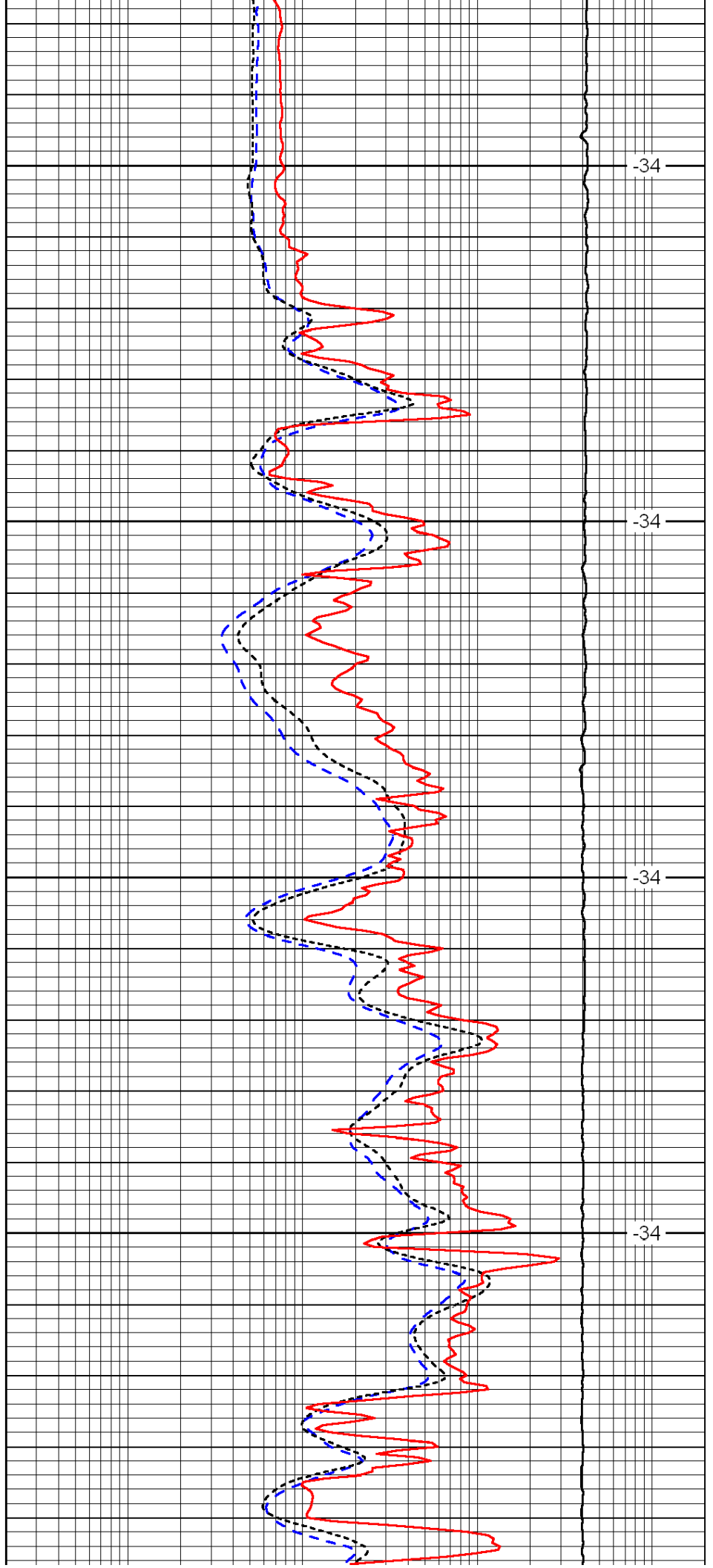


4200

4250

4300

4350

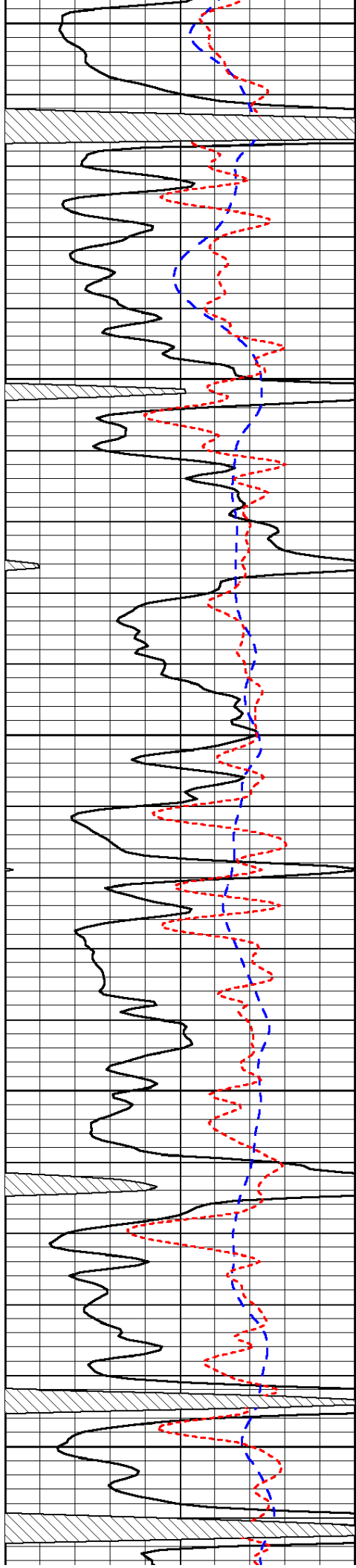


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-34

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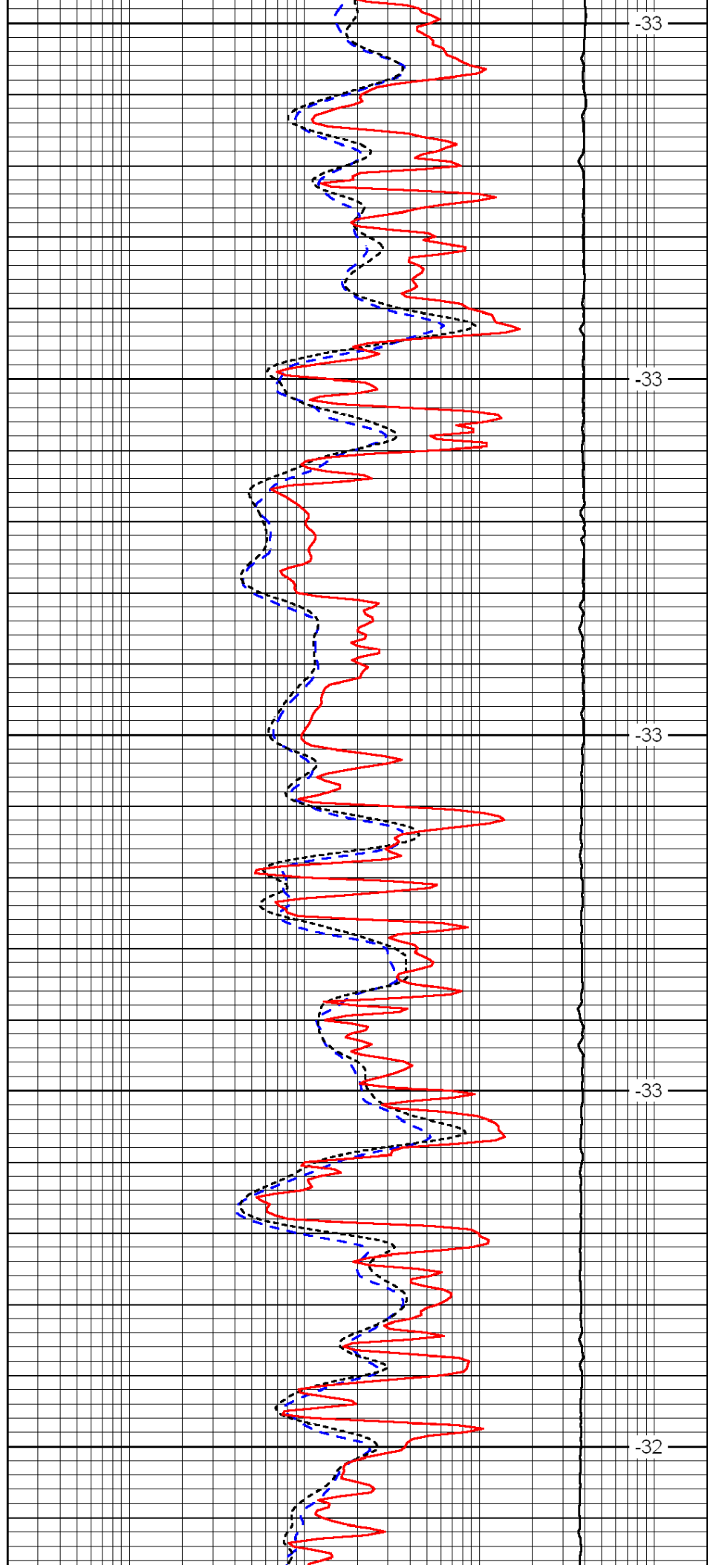
4400

4450

4500

4550

4600



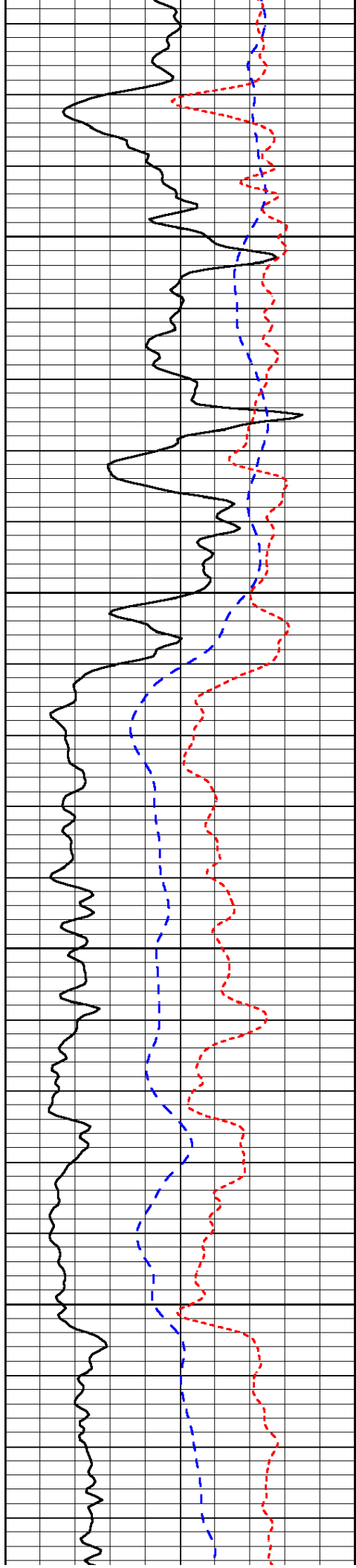
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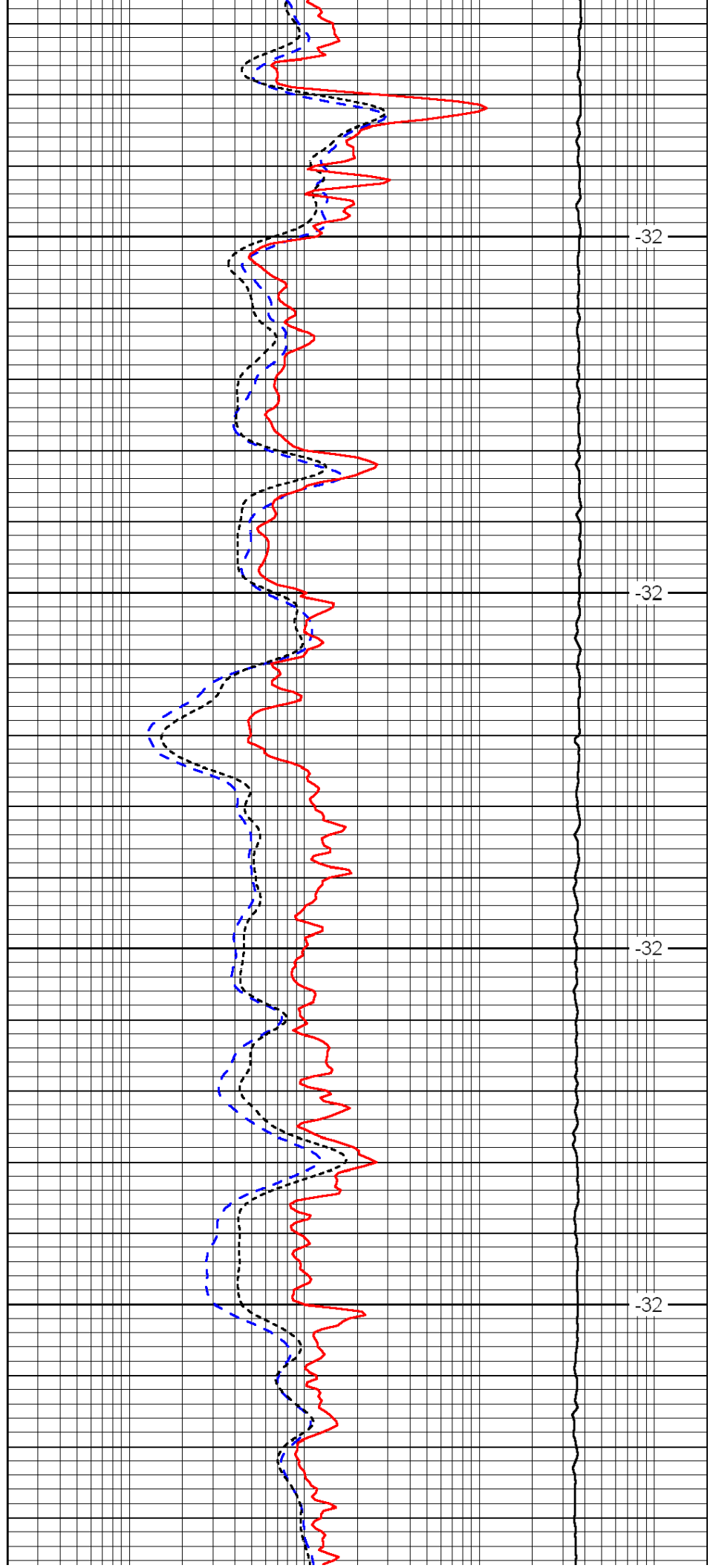


4650

4700

4750

4800

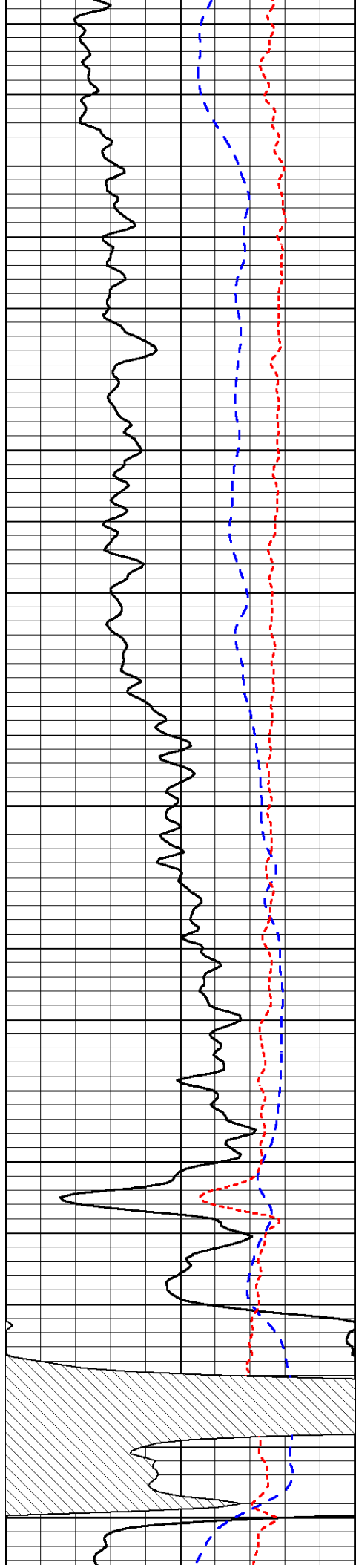


-32

-32

-32

-32



4850

4900

4950

5000

5050

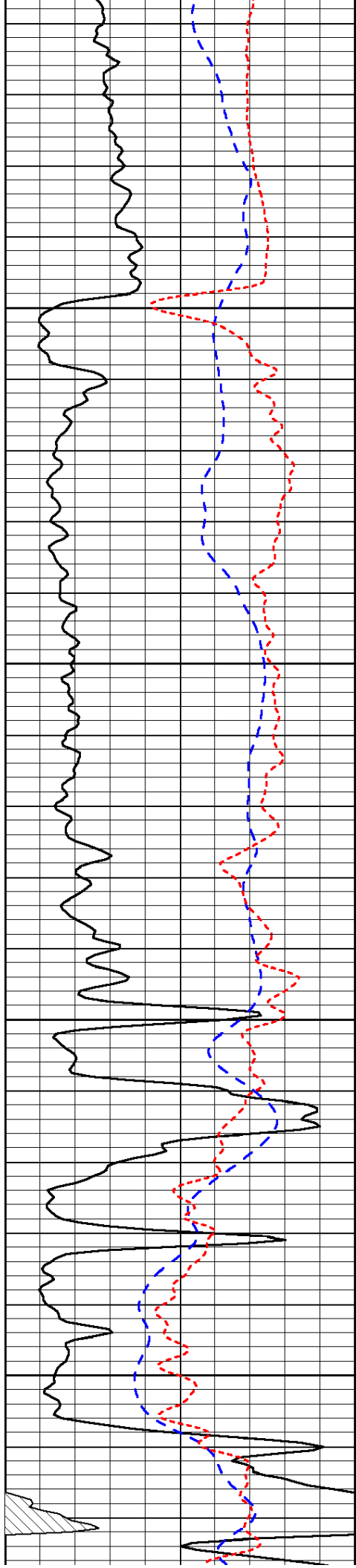
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-32

-31

-31

-31

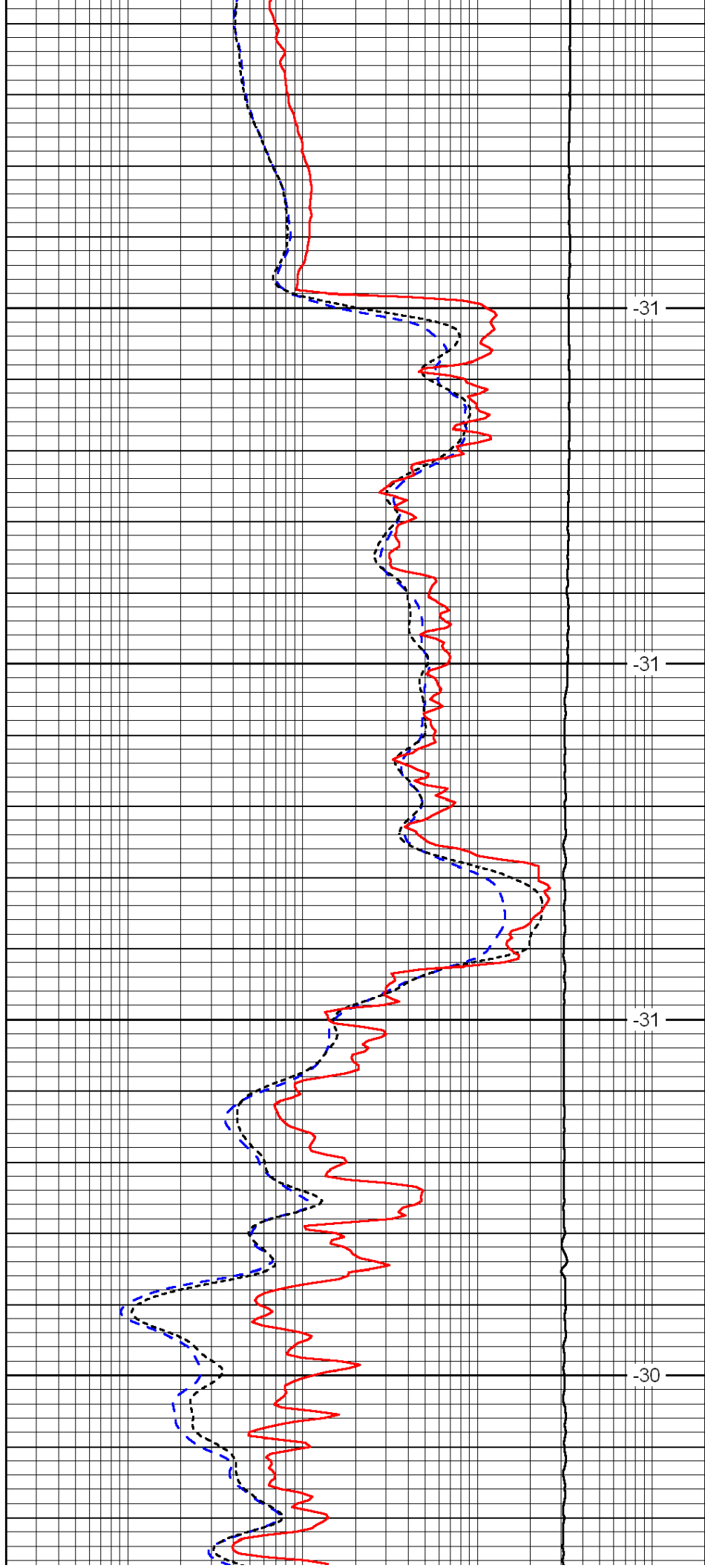


5100

5150

5200

5250

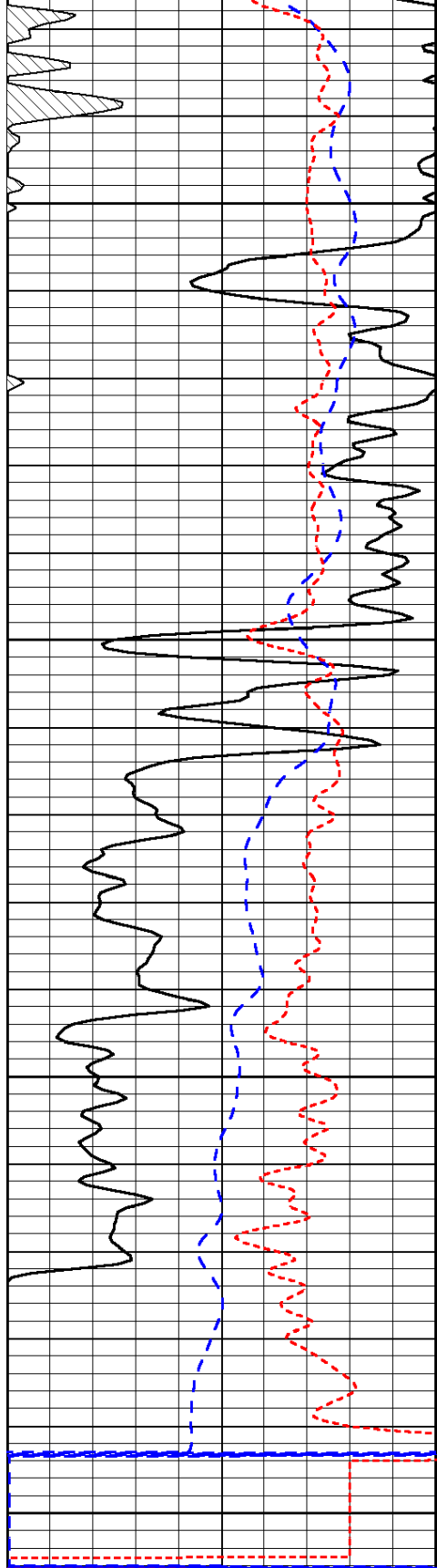


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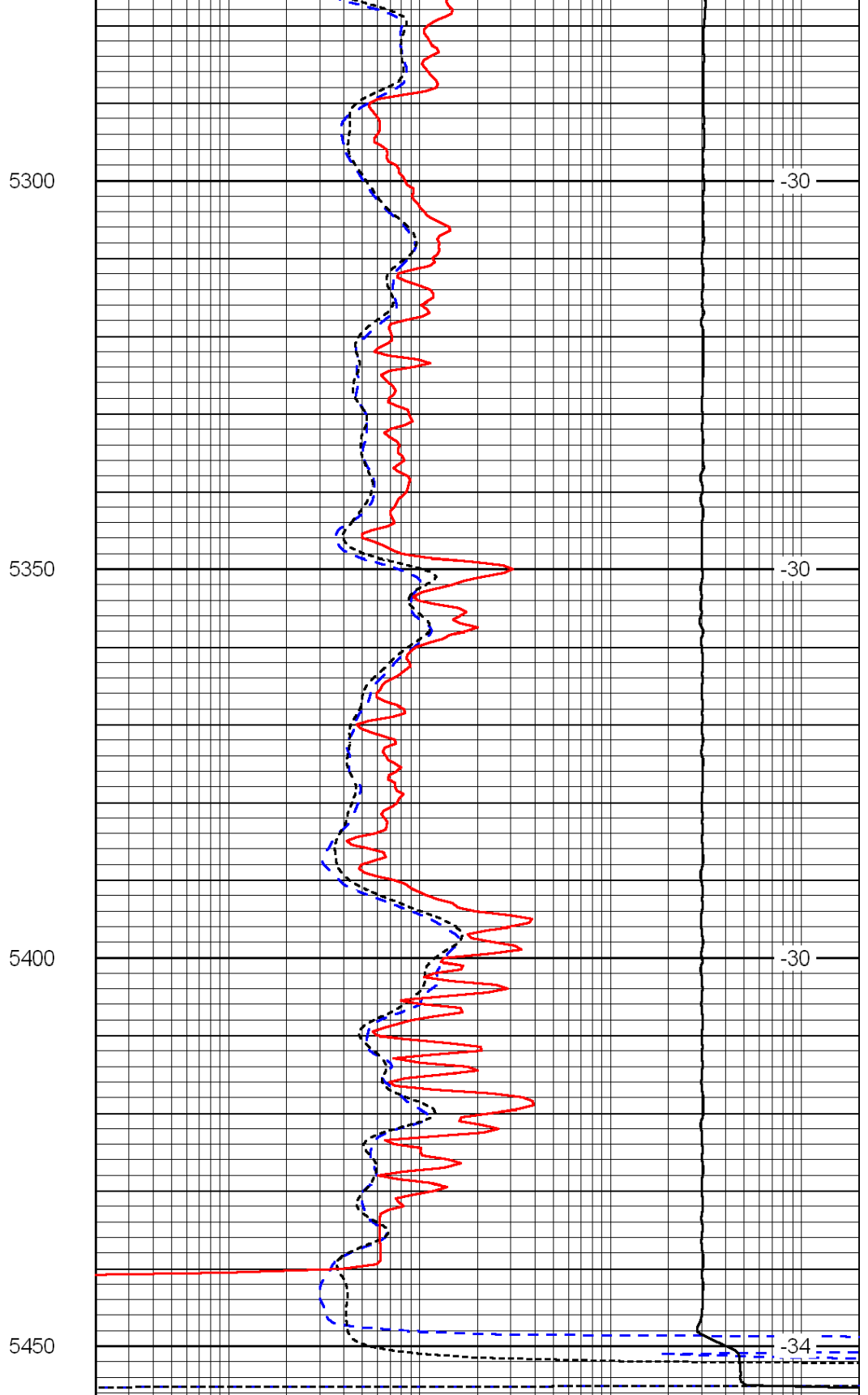
-31

-31

-30



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

# Arden Ratzlaff

PETROLEUM GEOLOGIST

Phone: 262-8938

107 N. Market 808 Bitting Bldg. Wichita, KS 67202

## DRILLING TIME AND SAMPLE LOG

COMPANY CHIEFTAIN OIL CO., INC.

LEASE BLEVINS No 1

FIELD N/A

LOCATION SE NW SW NE

SECTION 2 TOWNSHIP 35S RANGE 11W

COUNTY BARBER STATE KANSAS

### ELEVATIONS

KB 1320

DF 1318

GL 1312

Measurements Are All  
From K. B.

### CASING

8 5/8" @ 331' w 300 SY

5 1/2" @ 5446' w 225 SY

### ELECTRICAL SURVEYS

LOG-TECH · GAMMA RAY · DUAL  
INDUCTION · COMPENSATED DENSITY  
& NEUTRON · S.P. & CALIPER

CONTRACTOR FOSSIL DRILLING RIG NO. 2

COMMENCED DRILLING 10-22-11

COMPLETED DRILLING 11-05-11

RTD 5447 FEET LTD 5449 FEET

MUD UP AT 3000 FEET MUD TYPE CHEMICAL

### FORMATION TOPS

### SAMPLE

### ELECTRIC LOG

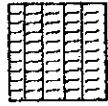
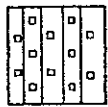

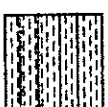
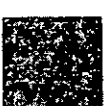
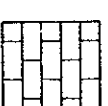
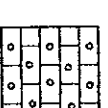
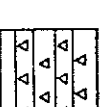
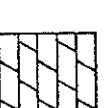
NEEDNER	3645 (-2325)	3647 (-2327)
LANSING	4245 (-2925)	4247 (-2927)
CHEROKEE	4608 (-3288)	4609 (-3289)
MISSISSIPPIAN	4710 (-3390)	4710 (-3390)
KINDERHOOK	4937 (-3617)	4935 (-3615)
VIOLA	5100 (-3780)	5098 (-3778)
SIMPSON	5199 (-3879)	5199 (-3879)
SIMPSON SDST.	5224 (-3879)	5223 (-3903)
ARBUCKLE	5398 (-4078)	5397 (-4078)
TOTAL DEPTH	5449 (-4129)	5447 (-4127)

REMARKS AFTER ANALYZING ALL OF THE PERTINENT INFORMATION, IT WAS THE DECISION THAT PRODUCTION CASING BE SET IN AVOIDANCE OF A VERY COMMERCIAL WELL.

Arden Ratzlaff, Petroleum Geologist

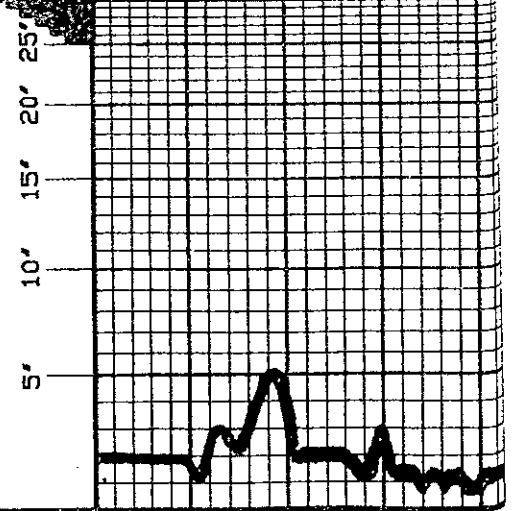
NOTE: NATIVE MUD FURNISHED THE MUD - TO LOCATE THE DRILLSTEM TESTS - SAMPLES DEPOSITED AT THE K.A.S. SURVEY

### LEGEND

	Anhydrite
	Salt
	Sandstone
	Shale
	Carb sh
	Limestone
	Dolomite
	Chert
	Dolomite

DRILLING TIME IN MINUTES  
PER FOOT

Rate of Penetration Increases



DEPTH  
3400

20

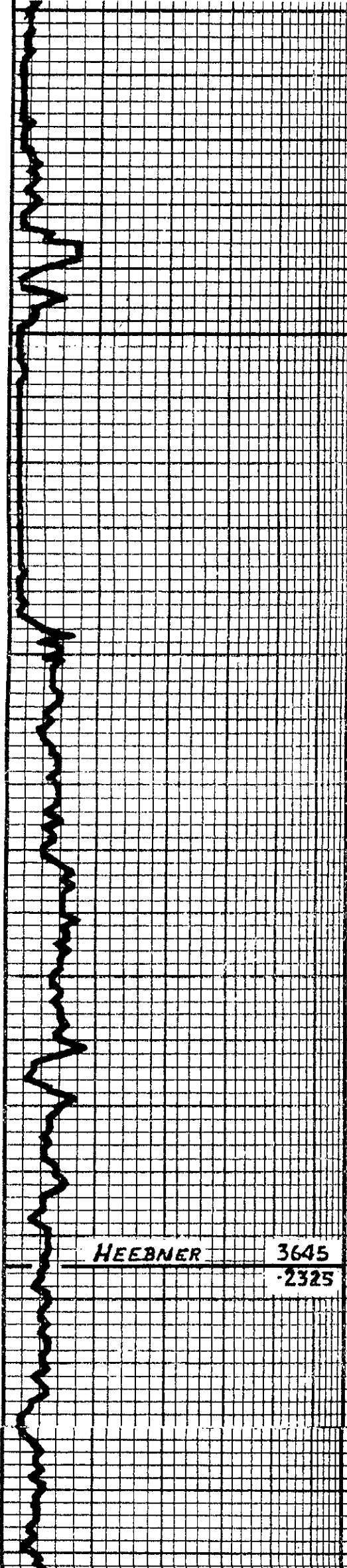
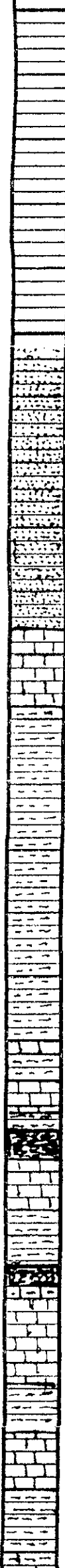
40

LITHOLOGY

SAMPLE DESCRIPTIONS

REMARKS





SDST & SILT. PART SILTY & CLTY TO SCAT FINE BRN. S. Q. IN MED TO DK GRAY & BLK CARB. IN PART SH.

SDST & SILT AS ABOVE PLUS SCAT SH AS ABOVE.

SAME AS ABOVE.

SAME W. V. SCAT TAN. BRN. & TR. BLUE. EN. XLM. DENSE. HARD LM.

SH. MED TO DK GRAY. SOFT MUSHY & VERY SILTY W. SCAT GRAY GRN. SCAT BLK. PLUS SCAT CRM. & BLK (MUSG) IN PART SUB-CHLKY & TR. CRT. DENSE. HARD LM.

SH. MED GRAY. GRAY-GRAY SCAT BLK. W. FEW PIECES SDST. OR SILT. AS ABOVE.

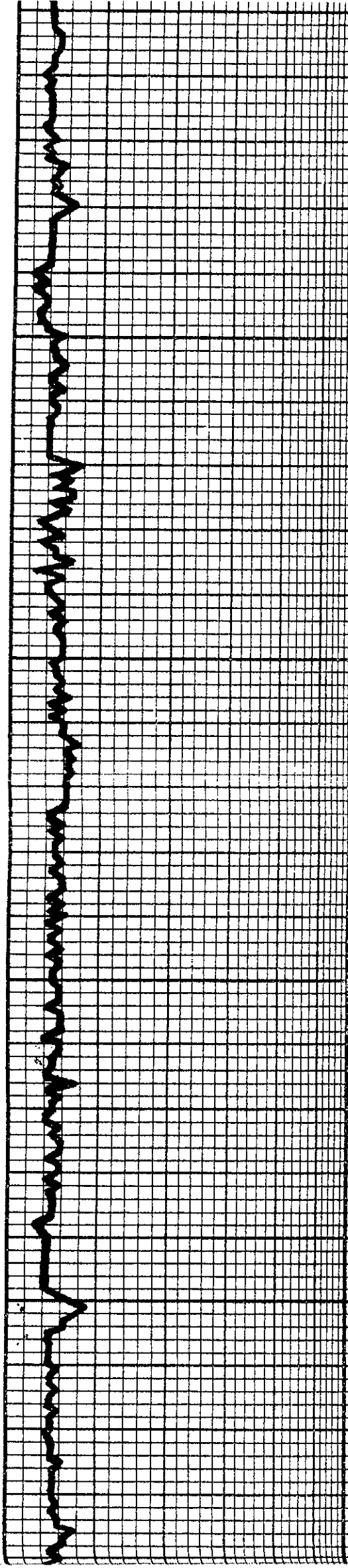
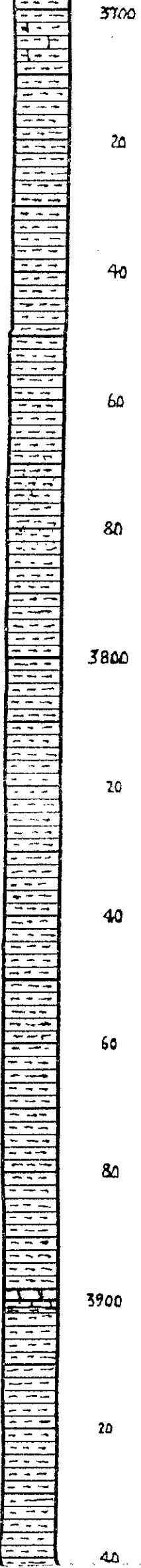
SH. AS ABOVE W. TR. LT GRAY. MUSHY SOFT SH. SCAT SH. & V. SCAT TAN. GRAY & BRN. SH.

SH. AS ABOVE W. SCAT LM. AS ABOVE & SLI INCR. IN BLK. SH.

LM. BLUE GRAY TAN. & BRN. EN. XLM. SUB-CHLKY TO DENSE & HARD W. SM. SH. AS ABOVE.

LM. W. CRM. LT GRAY. TR. BLUE. EN. XLM. SUB-CHLKY TO DENSE & HARD.

**HEEBNER** **3645**  
**-2325**



SH-MED TO DK GRY, GRN, GRY-GRN & BLK  
CONT. LIM. AS ABOVE

SH-MED GRY, GRY-GRN, TR DK GRY &  
RED W. CRN. BLUE, GRY, TAN & BRN. PRED  
DENSE, HARD LIM.

SH. GRY-GRN, MED GRY, TR DK GRY & BLK  
W. V. SCAT. LIM. AS ABOVE

SH. AS ABOVE - TR MED GRY & GRY-GRN  
V. SIL. SILTY

SH-MED GRY & SCAT. LT. GRY, TR DK GRY  
SILTY IN PART & SM. LT. GRY, TR SIL  
SILTY & SILTY SILT

SAME AS ABOVE

SAME W. TR TAN & BRN. EN. XLN. V. DENSE  
HARD LIM.

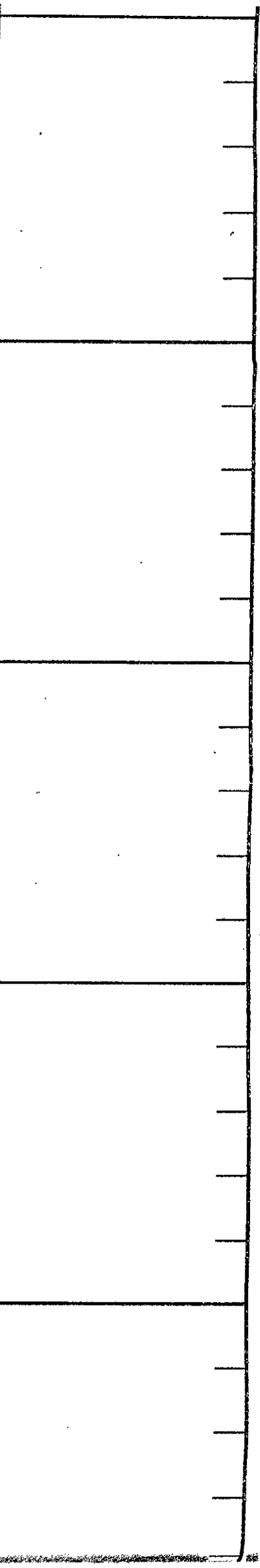
SH-MED GRY, IM GRY-GRN, TR DK GRY  
& BLK (TR CARB) PLUS FEW PIECES CRN  
& LT. GRY. EN. XLN. DENSE, HARD LIM.

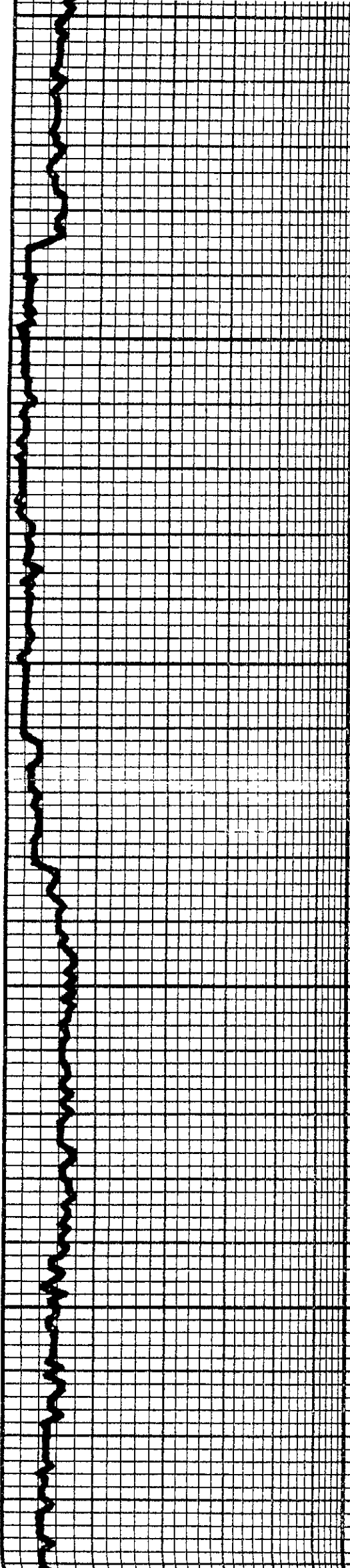
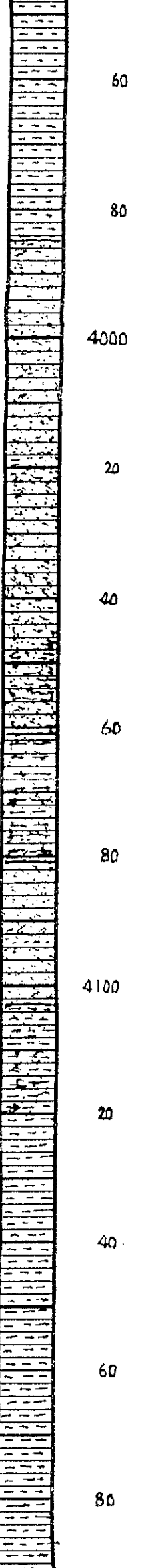
SAME AS ABOVE

SH-MED TO DK GRY, TR MURKY SOFT &  
SIL. SILTY

SH. AS ABOVE W. BLUE, TAN & BRN. EN  
XLN. PRED. DENSE, HARD LIM.

SAME AS ABOVE





SM AS ABOVE W. V. SEPT. GRM. BUFE. GRY  
 TAN. & BRN. & EN. YIN. SILT. CHLKY. TO  
 DENSE. HARD. LM.

SILT. MED. TO DK. GRY. V. SIL. SILTY. & MICH. W.  
 SCAT. LM. AS ABOVE.

SH. LT. & MED. GRY. SILTY. IN PART. PART  
 V. SHY. SILT. W. SCAT. LM. AS ABOVE.

SH. AS ABOVE W. V. DENSE. HARD. PARTLY  
 SHY. SILT.

SILT. AS ABOVE W. SH. AS ABOVE W.  
 SCAT. SIL. SCAT. SIL. CORE. SH.

SILT. INW. & LT. GRY. SM. BLY. SPX. P. P. P.  
 SM. SH. AS ABOVE.

SAME AS ABOVE.

SILT. LT. GRY. SM. DK. SPX. P. P. DENSE  
 & HARD. W. V. SCAT. MED. TO DK. GRY. SH.

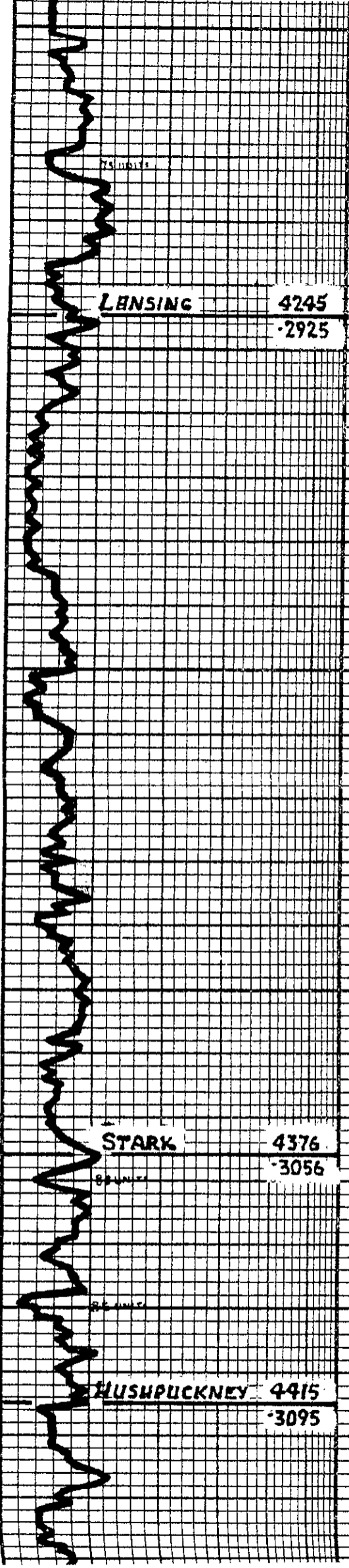
SILT. AS ABOVE W. CONC. MED. TO DK.  
 GRY. SH.

SH. MED. TO DK. GRY. SM. GRY. GRAL. W. V.  
 SCAT. SILT. AS ABOVE & SCAT. GRM. BUFE.  
 TAN. & BRN. FALXIN. DENSE. HARD. LM.

SH. SILTY. & LM. AS ABOVE.

SAME AS ABOVE.

4200  
20  
40  
60  
80  
4300  
20  
40  
60  
80  
4400  
20  
40



SH. AS ABOVE W. TP. SUST. 1.0M AS ABOVE

SH. AS ABOVE W. V. SCAT. BLK. CORR. SU

**LENSING** 4245  
2925

SH. MED. TO DK. GRAY. SM. GRAY-GRN. & TR. BLK. PLUS SCAT. GRN. BUFF. GRAY. TAN. & TR. BRN. PRED. DENSE. HARD. LM.

1M. CRIM. LT. GRAY. BUFF. & TAN. EN. YIN. PRED. DENSE & HARD. W. MED. TO DK. GRAY. GRN. GRAY-GRN. & BLK. (CORR. IN PART) SH.

1M. BUFF. GRAY. TAN. EN. YIN. PRED. DENSE & HARD. SCAT. PIECES. BL. SM. VILL. BOB. AL. S. & TR. INTER. XIN. BOB. - U.S. PLUS SCAT. SH. AT ABOVE

1M. CRIM. BUFF. GRAY. TAN. & BRN. EN. XIN. SUB. CHILKY TO DENSE & HARD. W. TP. LT. GRAY. FRESH. SUB-TRANSL. CURT. (SHARP) PLUGGED TO DK. GRAY. GRN. & BLK. (CORR. IN PART) SH.

1M. BUFF. GRAY. TAN. & BRN. EN. YIN. PRED. DENSE & HARD. W. 1 SCAT. SU. AS ABOVE

SOME BUFF. EN. PIECES. LT. GRAY. & TR. FRESH. SUB-TRANSL. TO OP. CURT.

1M. BUFF. GRAY. TAN. (HARD. BRN. EN. YIN. SUB. CHILKY TO PRED. DENSE & HARD. W. CRIM. LT. GRAY. TAN. BRN. FRESH. PRED. SUB-TRANSL. CURT.

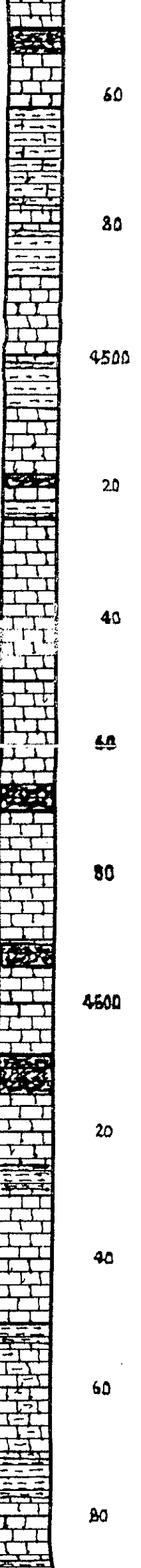
**STARK** 4376  
3056

SH. BLK. & TP. BRN. ISH. - RIF. V. CORA. (HARD GAS BUBBLES WHEN PRESSED) W. LM. AS ABOVE & TR. W/CH. CHILKY. LM.

SH. BLK. & TP. BRN. ISH. - BLK. (CORR.) PLUS GRN. TAN. & BRN. EN. YIN. PRED. DENSE & HARD.

**HUSHPUCKNEY** 4415  
3095

SOME AS ABOVE W. BLK. (CORR. GAS BUBBLES) SU.



**BASE K.C. 4448**  
-3128

XIN SUB-CHILKY TO CHILKY TO DENSE & HARD W. BLK. CARB. SURF. CARB.

LM. BLUE GR. TAN & BRN. EN. YIN. PRED. DENSE & HARD. STILL BLK. CARB. SH. AS ABOVE

LM. BLUE GR. TAN. BRN. EN. YIN. PRED. DENSE. HARD W. SCAT. BLK. CARB. SH.

RIT TRIP @ 4465'

LM. TAN. CRM. BLUE. TAN & BRN. & GRN. EN. YIN. CHILKY TO DENSE & HARD W. CARB. MED. TO DK. GR. GRY. GRN. & BLK. (PARTLY CARB.) SH.

**ALTAMONT 4525**  
-3205

LM. SH. AS ABOVE

LM. CRM. BLUE. GR. TAN & BRN. EN. YIN. SURF. CHILKY TO PRED. DENSE & HARD W. SCAT. MED. TO DK. GR. GRY. GRN. - GENERAL SH.

26 UNITS **PRWEE 4570**  
-3250

LM. BLUE. CRM. EN. YIN. SURF. CHILKY TO CHILKY W. SCAT. GR. TAN & BRN. EN. YIN. PRED. DENSE. HARD. IN. BLK. CARB. SH.

LM. BLUE. TAN & BRN. EN. YIN. DENSE & HARD. W. SCAT. CARB. EN. YIN. SURF. CHILKY. LM. W. GRN. GR. GRN. & BLK. (CARB.) SH.

59 UNITS **CHEROKEE 4608**  
-3288

SH. BLK. V. CARB. HARD. GAS. BURSTLES. IN CRM. BLUE & TAN. EN. YIN. PRED. DENSE. HARD. LM.

LM. CRM. BLUE. GR. TAN & BRN. EN. YIN. PRED. DENSE. HARD. LM. W. SCAT. V. CARB. GASSY. BLK. SH. AS ABOVE

SOME W. V. SCAT. MED. GR. & GRN. SH.

LM. CRM. BLUE. GR. TAN & BRN. EN. YIN. EN. YIN. SURF. CHILKY TO PRED. DENSE & HARD & TP. CHILKY. PLUS. MED. TO DK. GR. SH. & SCAT. DK. GR. GRN. LM. OR. LM. SH.

LM. TAN. CRM. BLUE. GR. TAN. EN. YIN. SURF. CHILKY TO DENSE & HARD. LM. W. MED. GR. GRN. GRN. SCAT. BLK. SH.

4700

MISSISSIPPIAN 4709  
-3389

SH GRAY GRN MED GRAY MAR SCOT DK GRAY  
& BLK IN LMS ABOVE FULLY FEW PIECES  
WH SOFT CHILKY LM

20

100+ UNITS

(1726) CHRT. WH. EN XIN. PREP DRAG W WEATH'G  
EDGES & SM FRACS. DK GRAY & BRN STN. SCOT  
PIECES IN SAT LUTRILLS OIL STN. FULL  
WH. RUFF & GRAY WEATH'G GOOD ING POR  
GROSSY BRN OIL DROPLETS & GAS BUBBLES  
IF BREAKABLE - GOOD ODOR.

40

100+ UNITS

(1726) CHRT. WH. RUFF & GRAY SUR TRANS. TO DRAG  
DEVIT & ALL WEATH'G TO WEATH'G VUGS IN  
GOOD POR. GROSSY LIME OIL BUBBLING OUT  
WHEN PRESSED. AND LIME OIL DROPLETS &  
GOOD ODOR.

60

100+ UNITS

(1726) CHRT. WH. LT GRAY FRESH IN SPOTTY DEVIT  
& ALL WEATH'G POR. W. DK GRAY & BRN STN. IN  
POR. SCOT OIL DROPLETS (SM LITTLE)  
SCOT RUFF DOLA W. FAIR WEATH'G & PREP  
VUGGY POR. LT TAN STN. & TINY BRN OIL  
DROPLETS - FAIR ODOR - ALSO SCOT WH.  
CHILKY & TAN EN XIN. PREP DEVIT HARD IM.

80

86 UNITS

CHRT. LT GRAY SM RUFF. EDGES SUR. TO STN  
ON EDGES & SIDES TO SCOT DEVIT &  
WEATH'G POR. W. BLK & DK BRN STN. TR GROSSY  
OIL DROPLETS. FULL BUFF. LIME CURT. DE.  
CHRT. LM & FAIR ODOR.

4800

70 UNITS

CHRT. LT GRAY FRESH SUR. TRANS. TO DRAG  
& SCOT DK BRN & BLK STN. OAL FRAC.  
EDGES & SIDES & ALL SPOTTY DEVIT POR  
CONS. LT GRAY & BUFF. EN XIN. CHRT. BR  
OR LIME CHRT. - WEAK ODOR.

20

CHRT. LT GRAY TR BRN FRESH SUR  
ABOVE W. CONS. RUFF & GRAY EN XIN. LM. W.  
IN CURT. MODULES. IM BEDDED OR CHRTY  
EN XIN. DENSE. HARD IM - FAINT ODOR.

40

DOLA. ALL LIME & CHRTY. CRD. & BUFF. EN  
XIN. W. ALL DOLA. LM. FULL GRAY. TAN EN XIN.  
DENSE. HARD. LIME. DOLA. & ALL RUFF. STN.

SAME AS ABOVE

60

SAME W. MED. TO DK GRAY BLK MORTICRY  
& GRAY CRN. IM.

80

SAME AS ABOVE - CRD. CONS. DOLA.

4900

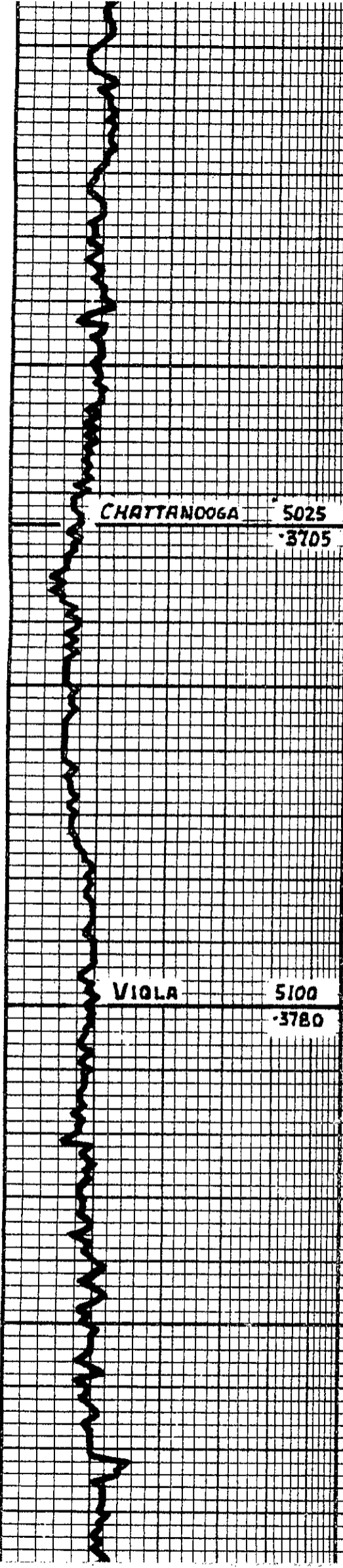
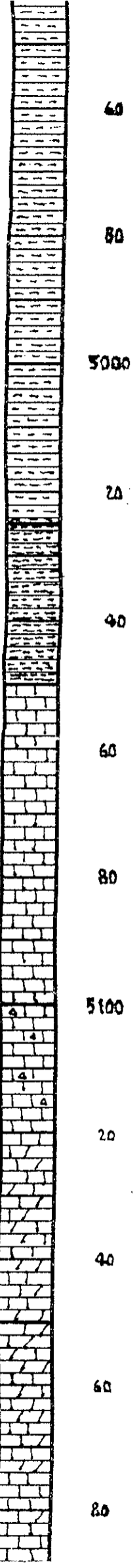
SH GRN GRAY GRN MED GRAY MAR W. SCOT  
DOLA AS ABOVE.

20

SH. MED. TO DK GRAY SCOT GRAY - GRN MAR  
CRN. BLV.

KINDERHOOK 4937





SH. MED. LDK. GR. GR. GRN. MAR. & GRN.  
TO VARI-GATED. & BLK

SH. MED TO DK GR. LT. & MED. GRN. GR.  
CRAL MAR. & BLV

SH. AS ABOVE

SH. MED. GR. & GR. GRN. W. TO MAR. DK GR.  
& BLK

**CHATTANOOGA 5025**  
**3705**

SH. LT. GRAL. MED. & DK GR. BLK. TO BRN.  
LSH. BLV

SH. BLK. BRN. LSH. BLK. COAR. SH. DOLA &  
DOL. SPAGES

SH. AS ABOVE. STILL. LT. GR. SH. SPARK  
REAR. LK. DOLA. SH. BLK. LT. GR. & IM. BRN.  
EN. YLN. BRILL. DENSE. HARD. IN. N. S.

1M. WH. CRD. LT. GR. TAN. & BRN. EN. YLN.  
CHLKY. & SUB. CHLKY. TO DENSE. & HARD. IN.  
CON. MED. TO DK. GR. BRN. DOLA. SH. GRN.  
& BLK. SH.

**VIOLA 5100**  
**3780**

SAME AS ABOVE - CHLKY. IM. BLK. BRN.  
DOLA. SH. BLK. DK. GR. BLK. GR. GRAL. SH.  
& TR. BRN. FRESH. DULL. CHRT.

1M. WH. CHLKY. W. TAN. & BRN. EN. YLN.  
DENSE. HARD. CHRT. 1M. & BRN. DOLA. SH.  
OR SHLY. DOLA. AS ABOVE. & CHRT. AS  
ABOVE. DULL. BRN. IN. TINY. DK. SAK'S

1M. & OR. DOLA. CRD. BLUE. GR. TAN. &  
BRN. DOLA. EN. YLN. PRD. DENSE. W. V.  
BRN. DULL. CHRT. W. TINY. DK. SAK'S. SUB.  
TRANS. TO DRAG. FOR. VIL. N. S.

1M. DOLA. IN. PART. EN. V. EN. YLN. COM. TO  
LT. GR. BLUE. TAN. & BRN. PRD. DENSE. &  
HARD. W. DULL. CHRT. AS ABOVE.

1M. WH. & CRD. EN. YLN. CHLKY. & SUB. CHLKY.  
W. BLUE. GR. TAN. & BRN. EN. YLN. PRD.  
DENSE. HARD. SH. DOLA. 1M.

5200

SIMPSON 5199

-3879

(5170) SDST - LT & MED GRAY (MIXED IN PART)  
FIN V. BL GRAINED DOLA SDST TYPE W/ SCOT  
PIECES W/ FAIR INTER-GRAN POR. SPOTTY SH  
& FLUOR. AND GAS BUBBLES & CLEAR OIL  
DROPLETS. ADD FLUORITE. MANY OIL  
DROPLETS FLOATING ON WTR. GOOD ODO.

(5174) SDST AS ABOVE. SPOTTY TO SAT SH. MAINLY  
GASSY OIL DROPLETS. FLUORITE & MANY OIL  
DROPLETS ON WATER. V. GOOD ODO.

(5176) SAME W/ SEV. RTZ CLUSTERS W/ V. BRIGHT  
SAT FINER V. ERL. ADD LIME OIL DROPLETS IF  
ABSEN. V. GOOD ODO.

RETR DIT? - SUMER TO DRY. RED GRAY -  
GRAN BLK W/ ONE QTY CLUSTER AS ABOVE W/  
ADD CALL OIL SHOW - SLUFF?

SAMPLE NOT REPRESENTATIVE (LOSING  
CIR) - SH. MED TO DRY. GRAY (GAY GEN  
ADD RED. BLK & SCOT W/ H. LT GRAY. FIN  
GRAINED SDST CLUSTERS W/ FAIR INTER-  
GRAN. V. ERL. POR. N.S.

SH AS ABOVE. TR. VARI-GATED BLUE SDST  
AS ABOVE

SH. VARI. COLORED & TR. VARI-GATED  
(RED. MED. DRY. GRAY. GEN. DOLA ETC.)

SAME AS ABOVE

SAME AS ABOVE

SH. DOLA. GEN. RED. GRAY & TR. BLK

SH. AS ABOVE W/ LT GRAY. NEAR CLEAR.  
RTZ GRAINS. ALL SH. MED. SUB-ANG TO  
WELL RAISED GRAINS. ERL. FAIR INTER-  
POR - N.S.

(5175) SDST. LT GRAY. BURET. FIN GRAINED.  
HARD & GOOD ERL. COME W/ GOOD POR.  
FIN V. SCOT BLUE (CLEAR GRAINS) MED  
GRAINS. SUB-ANG TO WELL RAISED.  
ERL. W/ GOOD INTER-GRAN POR. N.S.

SDST. W/ LT GRAY. FIN GRAINED. RED  
HARD & SH. ERL. POR TO TR. FAIR INTER-  
GRAN POR W/ N.S. PLUS CONS. BLU. MED.  
TR. BY GRAY & SCOT. ALL. SL. CORR. SH.

ARBuckle 5398

-4078

DOLA. SILTY. BLUE & TAN. FIN. V. PREP  
DOLA & HARD W/ SDST & SH AS ABOVE.

DOLA AS ABOVE

(5007) DOLA. CEM. BLUE. TAN & BRN. FIN. V.  
SCOT. FIN. V. INTER-SILTY & SUGR. TEXT  
BUT. PREP. DENSE & HARD - N.S.

TOTAL DEPTH 5407

-4127

30-45-60-70  
FAIR BLOW. 7 1/2" (1st OPEN)  
WEAK BLOW. 2" (2nd OPEN)  
REC: 76' MUD. 62' MUD CUT  
WATER. 120' WATER  
FSIP 2053# FSIP 2043#  
FFP/49-87# FFP/91-161#  
TEMP-132° F.

DST No. 2 (5224-5230)  
30-45-50-45  
WEAK BLOW 3 1/2" (1st OPEN)  
WEAK BLOW 2" (2nd OPEN)  
REC: 10' MUD CUT WATER &  
240' WATER (80000 PPM)  
FSIP/2039# FSIP/2012#  
FFP/23-82# FFP/89-140#  
TEMP-130° F.

1  
2





Sector Bond / Gamma Ray  
CCL Log

(785) 625-3858

15-007-23785-00-00

API No.	Company Chieftain Oil Company, Inc.		Location SE NW SW NE 1760' FNL & 2255' FEL		Other Services	
	Well Blevins No.1	Field Barber	County Barber	State Kansas		
	Sec: 2		Twp: 35S	Rge: 11W		
Permanent Datum	Ground Level	Elevation 1312	Elevation			
Log Measured From	Kelly Bushing	8 Ft. Above Perm. Datum	K.B. 1320			
Drilling Measured From	Kelly Bushing		D.F. 1312			
Run Number	One					
Date Survey	11/14/2011					
Date Cementing	11/6/2011					
Type Cementing Operation	Primary					
Depth Driller	5447					
Depth Logger	5410					
Logged Interval	5408 to 3950					
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	4190					
Calculated Cement Top	////					
Max. Hole Temperature	130					
Tool No.	RBT-1-1					
Spacing Recorded	3-5					
Equipment -- Location	13 Hays					
Recorded By	S. Chesney					
Witnessed By	Ron Moliz					

<<< 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. The 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

Hyw 281 & Kiowa Turnoff, 4E to Curve, 1/2E, 1N to T, 1E to T, 1/2S,  
E into

Database File: chieftan-blevins-1.db  
Dataset Pathname: sgrcb/pass3  
Presentation Format: scbl  
Dataset Creation: Mon Nov 14 11:05:48 2011 by Calc SCH 110630  
Charted by: Depth in Feet scaled 1:240

0	Gamma Ray	150	0	Amplitude (mV)	100	0	AMPAVG	150	200	VDL	1200	1	Sector Map
150	GR	375		Amplified Amplitude		0	AMPMAX	150				25	
			0	(mV)	20	0	AMPMIN	150					
						11	CCL	-3					

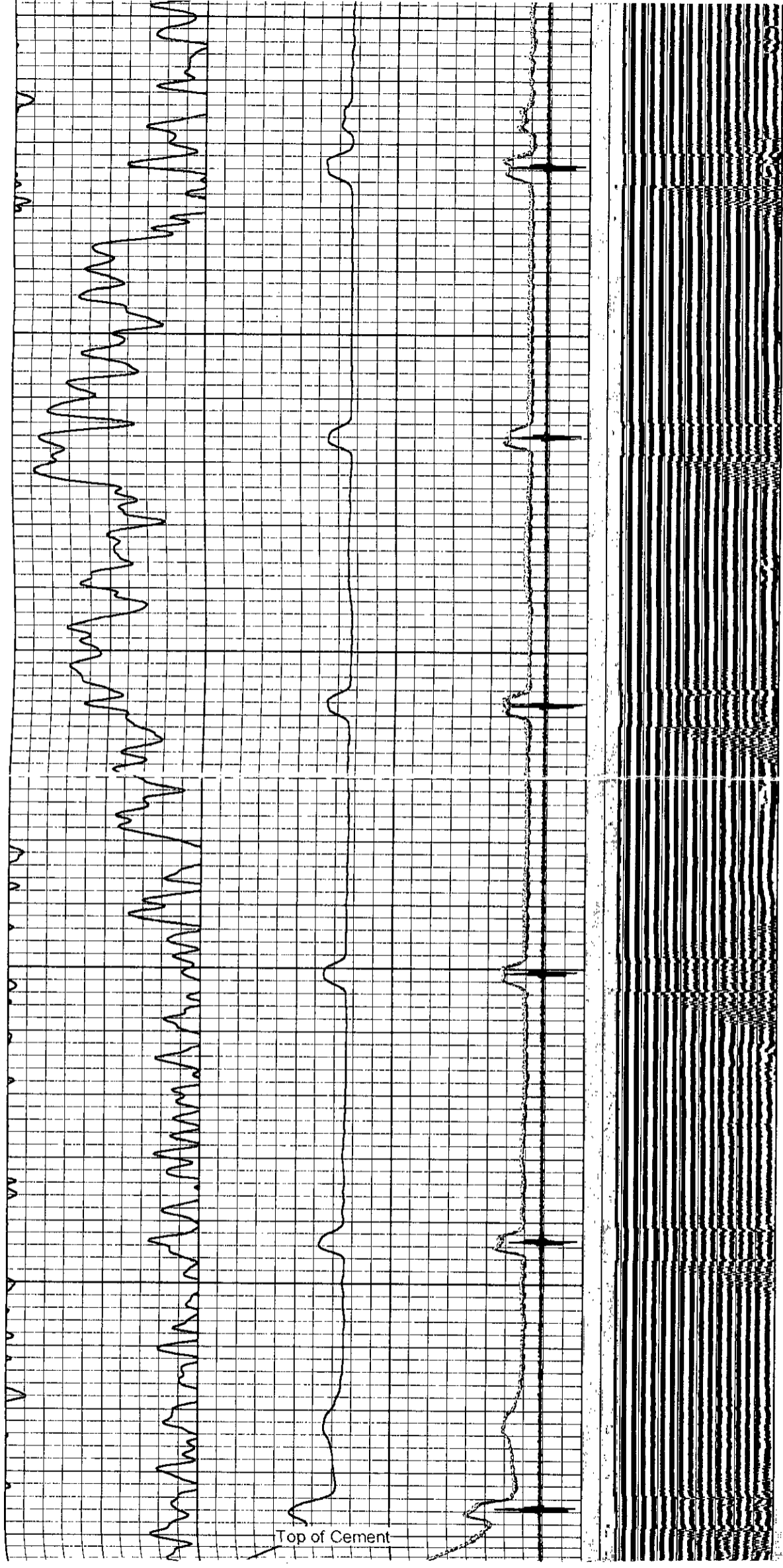
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4000

4050

4100

4150



Top of Cement

201 01 0000  
100 00 0000  
100 00 0000

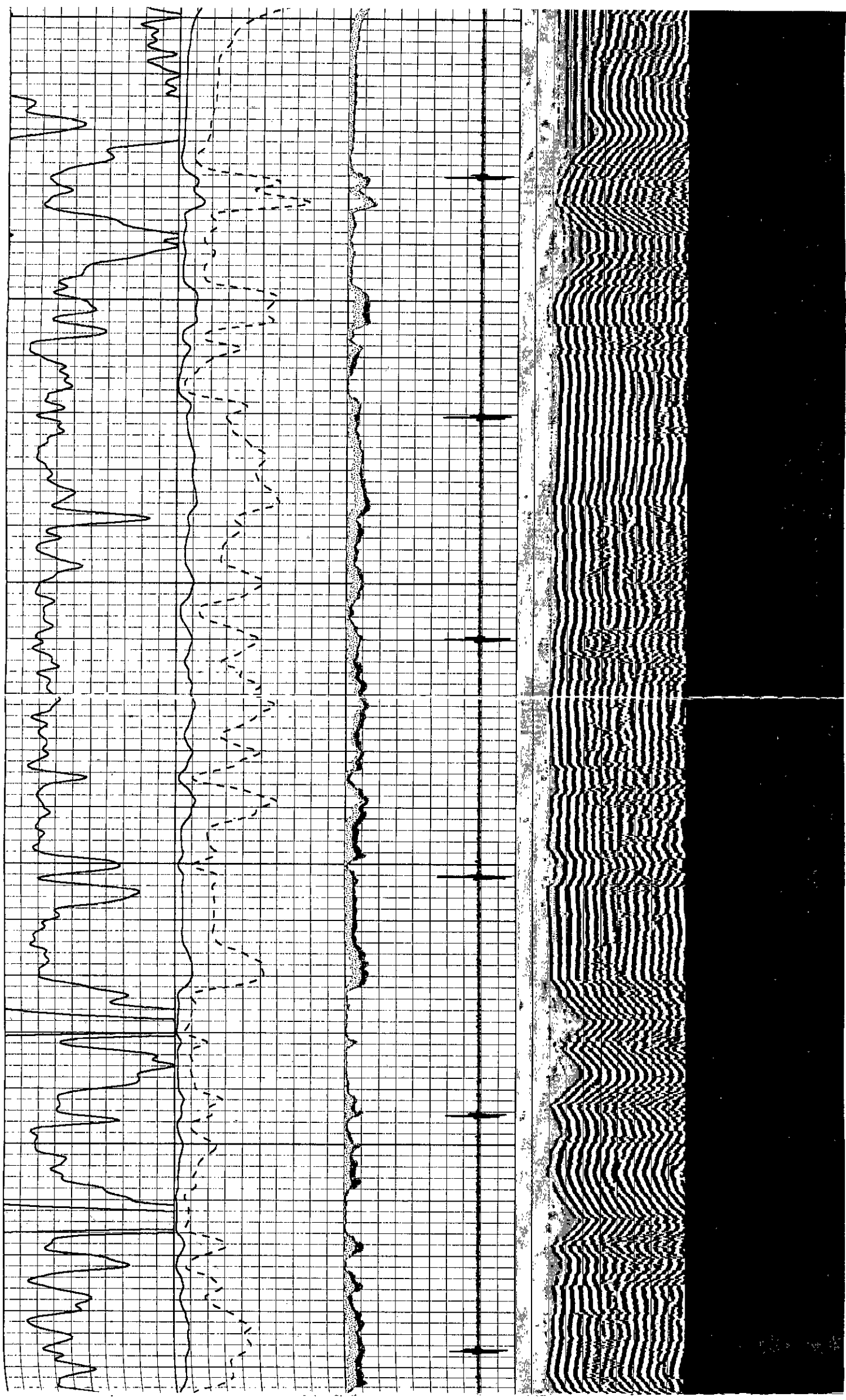
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4250

4300

4350

4400



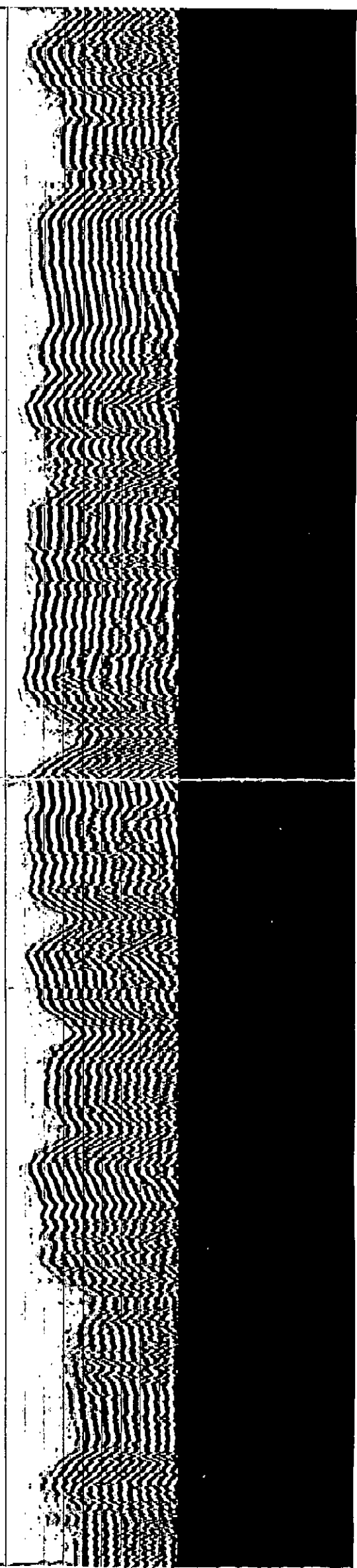
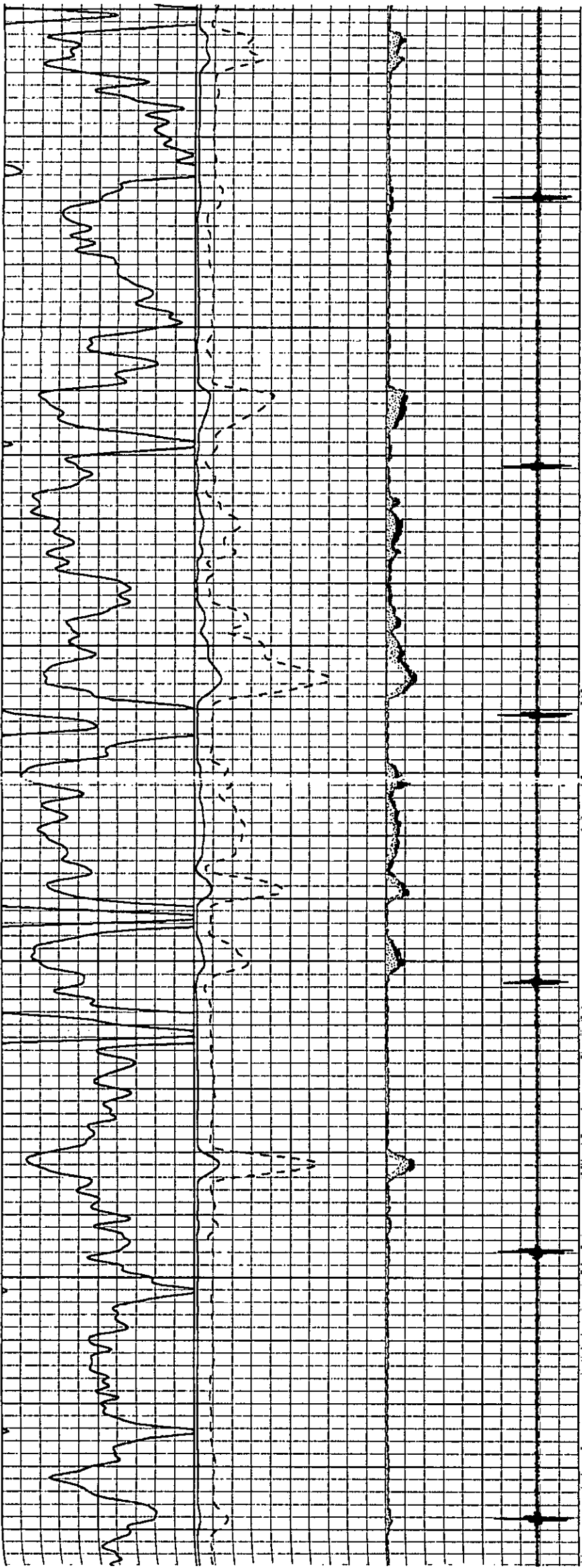
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4500

4550

4600

4650



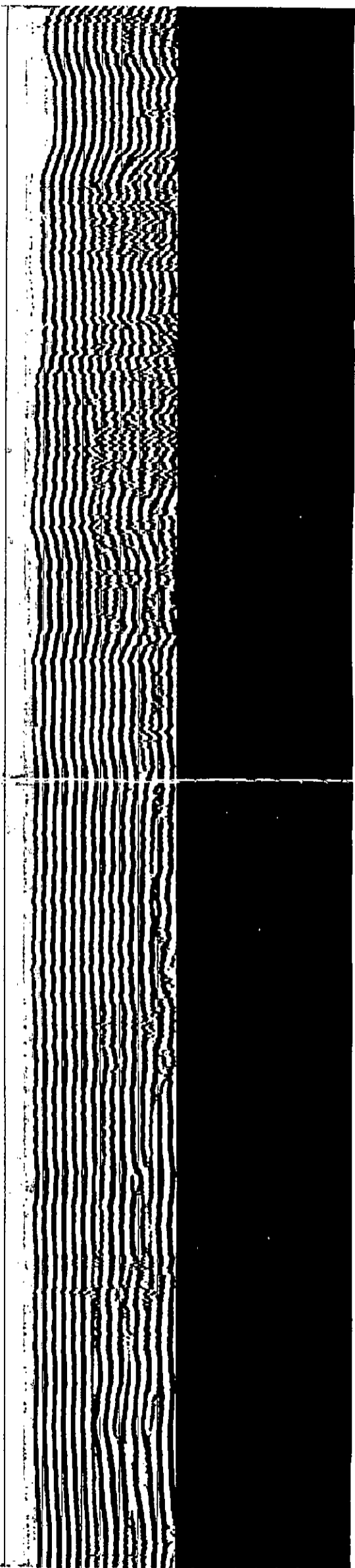
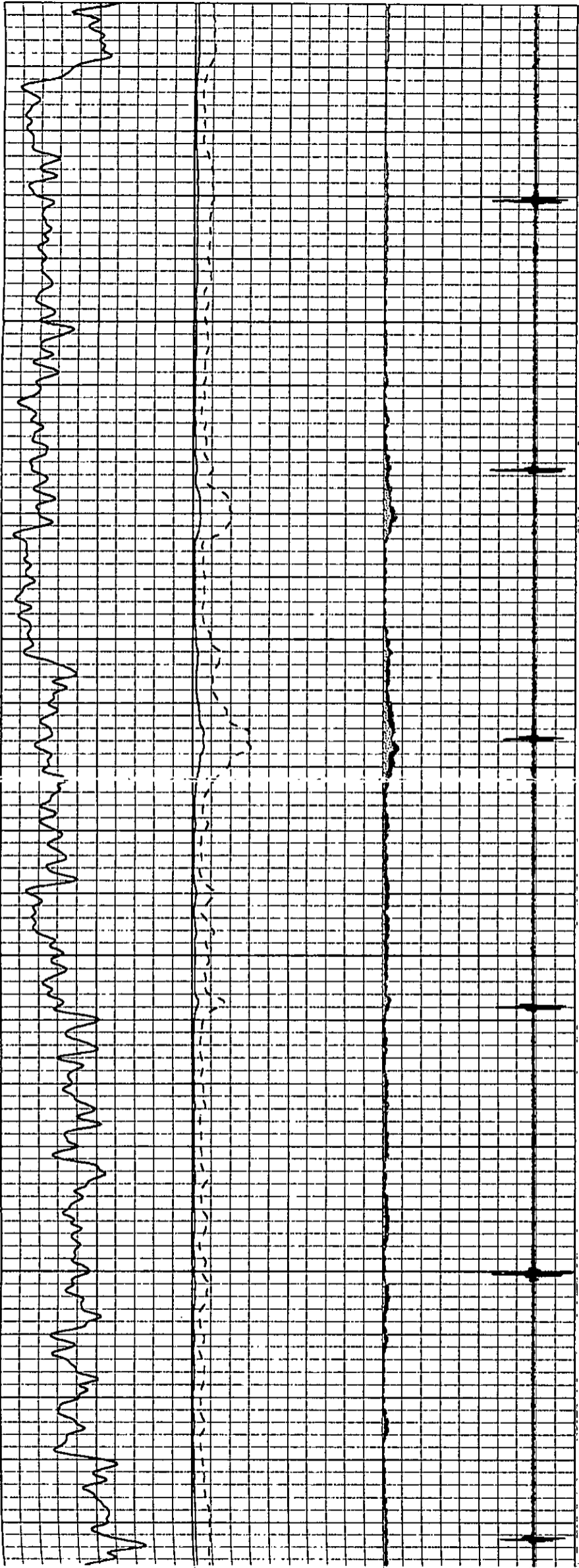
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4750

4800

4850

4900

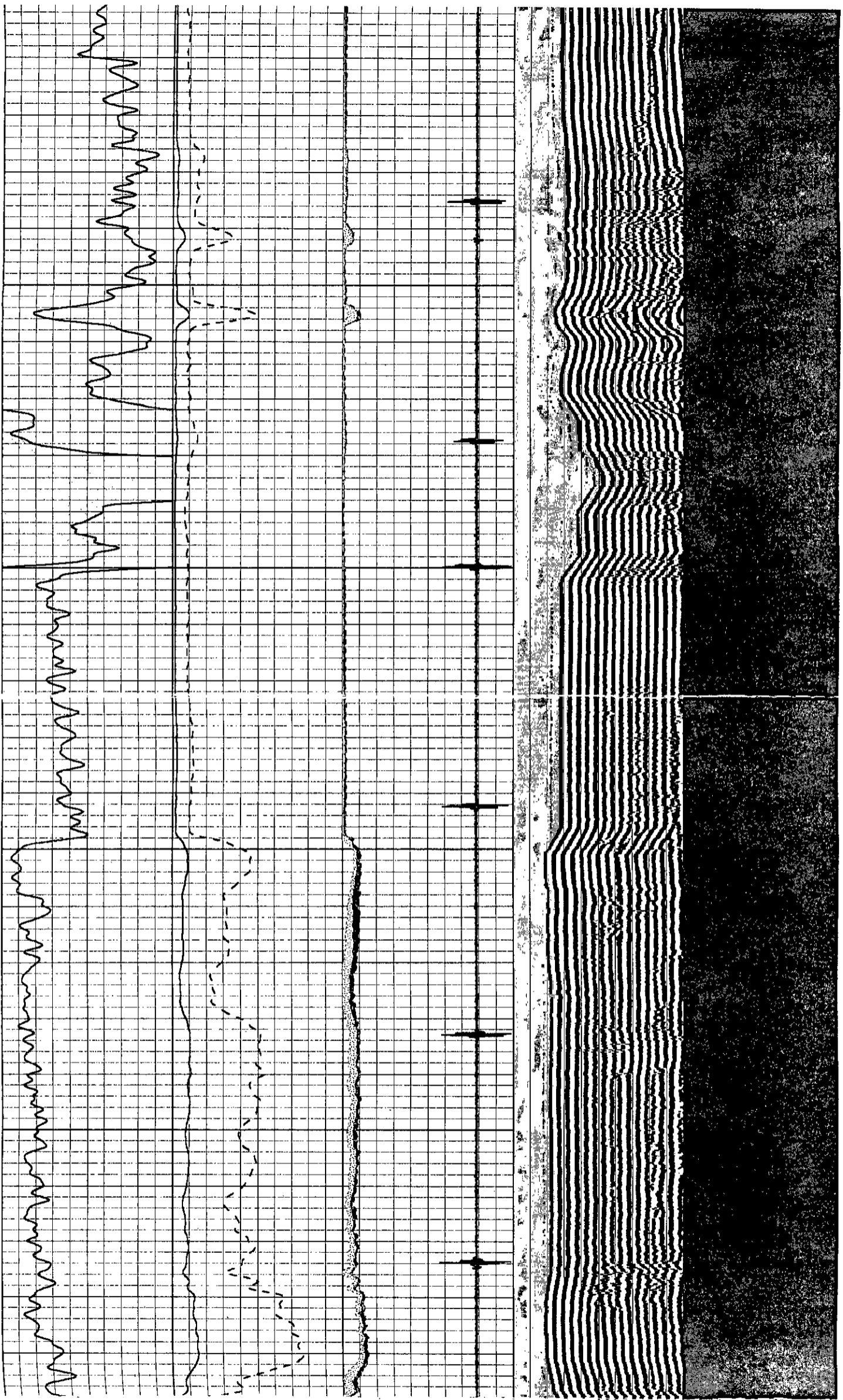


5000

5050

5100

5150

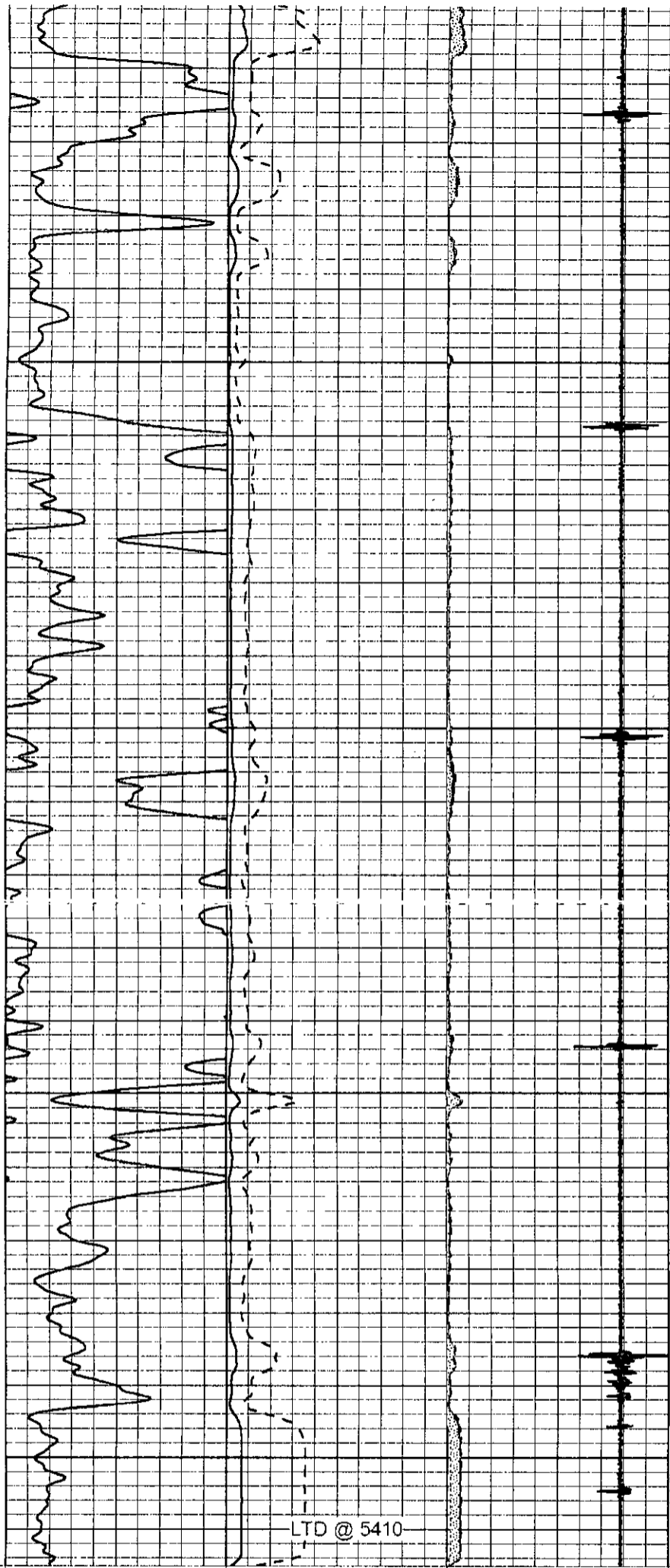


5250

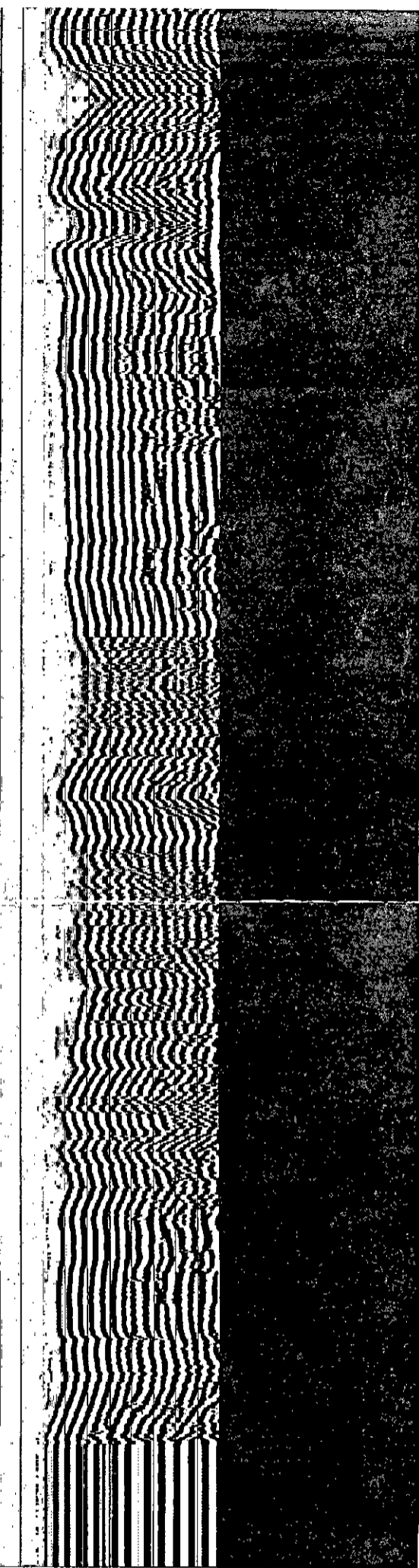
5300

5350

5400



LTD @ 5410



0	Gamma Ray	150	0	Amplitude (mV)	100	0	AMPAVG	150
150	GR	375	0	Amplified Amplitude	0	0	AMPMAX	150
			0	(mV)	20	0	AMPMIN	150
						11	CCL	-3

200	VDL	1200	1	Sector Map
			25	

# Repeat Section

Database File: chieftan-blevins-1.db  
 Dataset Pathname: sgrcbl/pass2  
 Presentation Format: scbl  
 Dataset Creation: Mon Nov 14 10:31:33 2011 by Log SCH 110630  
 Charted by: Depth in Feet scaled 1:240

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150	GR	375		Amplified Amplitude		0	AMPMAX	150				25	
			0	(mV)	20	0	AMPMIN	150					
						11	CCL	-3					

5250

5300

5350

5400



0	Gamma Ray	150	0	Amplitude (mV)	100	0	AMPAVG	150	200	VDL	1200	1	Sector Map
150	GR	375		Amplified Amplitude		0	AMPMAX	150				25	
			0	(mV)	20	0	AMPMIN	150					
						11	CCL	-3					





PAGE 1 of 1	CRCT NO 1000719	INVOICE DATE 10/26/2011
INVOICE NUMBER 1718 - 90737372		

Pratt (620) 672-1201  
 B CHIEFTAIN OIL COMPANY  
 I PO Box: 124  
 L KIOWA  
 L KS US 67070  
 T  
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Blevins 1  
 O LOCATION  
 B COUNTY Barber  
 S STATE KS  
 I JOB DESCRIPTION Cement-New Well Casing/Pi  
 T JOB CONTACT  
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40387771	20920		Net - 30 days	11/25/2011
<i>For Service Dates: 10/23/2011 to 10/23/2011</i>				
0040387771				
171804976A Cement-New Well Casing/Pi 10/23/2011 Cement 8 5/8" Surface Pipe				
60/40 POZ		300.00	EA	9.48
Cello-flake(POLEFLAKE-C)		75.00	EA	2.92
Calcium Chloride		774.00	EA	0.83
Wooden Cement Plug 8 5/8"		1.00	EA	126.39
Heavy Equipment Mileage		110.00	MI	5.53
Proppant and Bulk Delivery Charge		710.00	MI	1.26
Blending & Mixing Service Charge		300.00	MI	1.11
Unit Mileage Charge-Pickups, Vans & Cars		55.00	HR	3.36
Plug Container Utilization Charge		1.00	EA	197.48
Depth Charge; 500-1000'		1.00	HR	789.93
Service Supervisor		1.00	HR	138.24

**PAID**  
 NOV 03 2011  
 9121BG

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	6,978.98
BASIC ENERGY SERVICES,LP	BASIC ENERGY SERVICES,LP	TAX	270.46
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	7,249.44
DALLAS, TX 75284-1903	MIDLAND, TX 79702		





**BASIC**<sup>SM</sup>  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

FIELD SERVICE TICKET  
1718 04976 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB 10-23-2011 DISTRICT		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:							
CUSTOMER CHIEFTAIN OIL CO., INC.		LEASE BLEVENS WELL NO. 1							
ADDRESS		COUNTY BARBER STATE KS.							
CITY STATE		SERVICE CREW LESLEY, LAWRENCE, YOUNG							
AUTHORIZED BY		JOB TYPE: CNU - 8 5/8" S.P.							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	ARR PM	TIME
37586	1						10-22-11		9:00
33708-20920	1					ARRIVED AT JOB	5	ARR PM	11:00
19831-19862	1					START OPERATION	10-23-11	ARR PM	12:30
						FINISH OPERATION		ARR PM	1:30
						RELEASED		ARR PM	2:00
						MILES FROM STATION TO WELL			55

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: [Signature]  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 103	600/40 P02	SK	300		3,600.00
CC 102	CELL-FLAKE	lb	75		277.50
CC 109	CALCIUM CHLORIDE	lb	714		812.70
CF 153	WOODEN CMT. PLUG, 8 5/8"	EA	1		160.00
E 100	PICKUP MILEAGE	MI	55		233.75
E 101	HEAVY EQUIPMENT MILEAGE	MI	110		770.00
E 113	BULK DELIVERY CHARGE	TM	710		1,135.20
CE 200	DEPTH CHARGE: 0-500'	HR	1-4		1,000.00
CE 240	BLENDING SERVICE CHARGE	SK	300		420.00
CE 504	PLUG CONTAINER CHARGE	JOB	1		250.00
S 003	SERVICE SUPERVISOR	EA	1		175.00

SUB TOTAL 6,978.98  
DLS

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$
MATERIALS	%TAX ON \$
TOTAL	

SERVICE REPRESENTATIVE <u>[Signature]</u>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: <u>[Signature]</u>
FIELD SERVICE ORDER NO.	(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

Customer <b>CHIEFTAIN OIL CO.</b>	Lease No.	Date <b>10-23-2011</b>	
Lease <b>BLEUENS</b>	Well # <b>1</b>		
Field Order # <b>04976</b>	Station <b>PRATT, KS.</b>	Casing 5/8" <b>8 5/8"</b>	Depth <b>10-335'</b>
Type Job <b>CNW-8 5/8" S.P.</b>	Formation <b>3-35-11</b>	County <b>BARBER</b>	State <b>Ks.</b>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME	
Casing Size <b>8 5/8"</b>	Tubing Size	Shots/Ft	<b>CMT-</b>	Acid <b>300SK 60/40 POZ</b>	RATE	PRESS	ISIP
Depth <b>300.32</b>	Depth <b>FT L.J.</b>	From	To	Pre Pad <b>@ 1.21 CVT</b>	Max		5 Min.
Volume <b>20.37 BBL</b>	Volume	From	To	Pad	Min		10 Min.
Max Press <b>300</b>	Max Press	From	To	Frac	Avg		15 Min.
Well Connection <b>P.C.</b>	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth <b>310</b>	Packer Depth	From	To	Flush <b>19 BBL</b>	Gas Volume		Total Load

Customer Representative <b>Roni Molz</b>	Station Manager <b>D. SCOTT</b>	Treater <b>K. LESLEY</b>
---	------------------------------------	-----------------------------

Service Units	<b>37586</b>	<b>33708</b>	<b>20920</b>	<b>19831</b>	<b>19862</b>				
Driver Names	<b>LESLEY</b>	<b>LAWRENCE</b>	<b>—</b>	<b>YOUNG</b>	<b>—</b>				

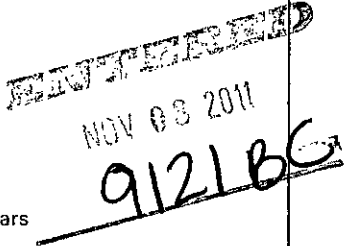
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
11:00 PM					ON LOCATION - SAFETY MEETING
11:00 PM					RUN 8 JTS. 8 5/8" x 24" CSG.
12:25 AM					CSG. ON BOTTOM
12:30 AM					HOOK UP TO CSG. / BREAK CIRC. W/ RIG
1:05 AM	200		5	6	H2O AHEAD
1:09 AM	200		65	6	MIX 300SK 60/40 POZ @ 14.8 PPG
1:20 AM					SHUT DOWN - RELEASE PLUG
1:25 AM	0		0	4	START DISPLACEMENT
1:29 AM	250		15	3	SLOW RATE
1:30 AM	300		19	3	PLUG DOWN - CLOSE IN AT HEAD
					CIRC. THRU JOB
					CIRC. 10 BBL TO PIT
					JOB COMPLETE,
					THANKS -
					<b>KEVEN LESLEY</b>



PAGE 1 of 1	INVOICE NO 1000719	INVOICE DATE 10/26/2011
INVOICE NUMBER <b>1718 - 90737374</b>		

Pratt (620) 672-1201  
 B CHIEFTAIN OIL COMPANY  
 I PO Box: 124  
 L KIOWA  
 L KS US 67070  
 T  
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Blevins 1  
 O LOCATION  
 B COUNTY Barber  
 S STATE KS  
 I JOB DESCRIPTION Cement-New Well Casing/Pi  
 T JOB CONTACT  
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE		
40387872	27463		Net - 30 days	11/25/2011		
			QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 10/24/2011 to 10/24/2011</i>						
0040387872						
171805092A Cement-New Well Casing/Pi 10/24/2011						
Cement Squeeze						
Common						
Calcium Chloride						
Heavy Equipment Mileage						
Proppant and Bulk Delivery Charge						
Blending & Mixing Service Charge						
Unit Mileage Charge-Pickups, Vans & Cars						
Depth Charge; 0-500'						
Service Supervisor						
<div style="text-align: center;">  </div>						
			100.00	EA	12.64	1,263.78 T
			240.00	EA	0.83	199.05 T
			110.00	MI	5.53	608.19
			259.00	MI	1.26	327.32
			100.00	MI	1.11	110.58
			55.00	HR	3.36	184.63
			1.00	HR	789.86	789.86
			1.00	HR	138.23	138.23

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	3,621.64
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	106.79
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	3,728.43
DALLAS, TX 75284-1903	MIDLAND, TX 79702		





**BASIC**  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

FIELD SERVICE TICKET  
1718 05092 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB 10/24/11 DISTRICT Pratt Ks		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:							
CUSTOMER Chiefstar Oil Co		LEASE BLEVDWIS 1 WELL NO.							
ADDRESS		COUNTY BARBER STATE KS							
CITY STATE		SERVICE CREW Sullivan, M. T. Hill, Phyllis							
AUTHORIZED BY		JOB TYPE: CMW SPORES							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED 10-24-11	DATE	AM-PM	TIME
27463	20 min								12:00
19960-19918	20 min								2:15
37900									3:20
									3:35
									4:10
									55

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: [Signature]  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 100	concrete	SK	100		1,600.00
E 100	rigging material	mi	55		233.75
E 101	Heavy Truck rd	mi	110		770.00
E 11.3	Bulk Delivery	Tm	259		473.00
PE 200	Depth Charges @ 500'	S.F	1		1,000.00
CE 240	Bleeding mixing	SK	100		140.00
S 003	Sealant Spacers	SR	1		175.00
CC 109	Calcium Chloride	lb	240		252.00

CHEMICAL / ACID DATA:


SUB TOTAL KG 3,621.64

SERVICE & EQUIPMENT %TAX ON \$  
MATERIALS %TAX ON \$

Thank you TOTAL

SERVICE REPRESENTATIVE [Signature]

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]

FIELD SERVICE ORDER NO. \_\_\_\_\_ (WELL OWNER OPERATOR CONTRACTOR OR AGENT)

Customer: <i>CHITTARD OIL</i>	Lease No.	Date: <i>10-24-11</i>
Lease: <i>BUEVINS</i>	Well # <i>1</i>	
Field Order # <i>3092</i>	Station <i>PRATT KS</i>	Casing <i>D.P.</i>
	Depth	County <i>BARBER</i>
Type Job <i>CNW Square</i>	Formation	State <i>KC</i>
		Legal Description <i>3-35-11</i>

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
<i>D.P.</i>				Pre Pad	Max		5 Min.
Depth <i>300'</i>	Depth	From	To	Pad	Min		10 Min.
Volume	Volume	From	To	Frac	Avg		15 Min.
Max Press	Max Press	From	To		HHP Used		Annulus Pressure
Well Connection	Annulus Vol.	From	To	Flush	Gas Volume		Total Load
Plug Depth	Packer Depth	From	To				

Customer Representative	Station Manager <i>DAVE SCOTT</i>	Treater <i>Robert Williams</i>
Service Units	<i>37900 27467 19960 19918</i>	
Driver Names	<i>Sullivan Mitchell Myle</i>	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>2:20 AM</i>					<i>on loc Safety nearby</i>
					<i>SPOT 100 sk cont AT 508'</i>
					<i>IN O.P. pull 2 stands</i>
					<i>Drop 1 BAR 4" pull D.P</i>
<i>3:20</i>					<i>BACK IN side 8 5/8 csg. 300'</i>
<i>4</i>			<i>21</i>	<i>3</i>	<i>AND circ. hole clean w/ Pig</i>
<i>3:35</i>			<i>1</i>		<i>Pull D.P out 4:00 AM wait 5 hr.</i>
<i>4:00</i>					<i>JOB complete</i>
					<i>Thank you</i>



PAGE 1 of 1	CTT NO 1000719	INVOICE DATE 10/27/2011
INVOICE NUMBER 1718 - 90738833		

Pratt (620) 672-1201  
 B CHIEFTAIN OIL COMPANY  
 I PO Box: 124  
 L KIOWA  
 L KS US 67070  
 T  
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Blevins 1  
 O LOCATION  
 B COUNTY Barber  
 S STATE KS  
 I JOB DESCRIPTION Cement-New Well Casing/Pi  
 T JOB CONTACT  
 E

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40388455	27463		Net - 30 days	11/26/2011

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 10/25/2011 to 10/25/2011</i>				
0040388455				
171805095A Cement-New Well Casing/Pi 10/25/2011				
Cement Squeeze				
Common	150.00	EA	12.64	1,895.86 T
Calcium Chloride	400.00	EA	0.83	331.78 T
Heavy Equipment Mileage	110.00	MI	5.53	608.26
Proppant and Bulk Delivery Charge	388.00	MI	1.26	490.40
Blending & Mixing Service Charge	150.00	MI	1.11	165.89
Unit Mileage Charge-Pickups, Vans	55.00	HR	3.36	184.65
Depth Charge; 0-500'	1.00	HR	789.95	789.95
Service Supervisor	1.00	HR	138.24	138.24

**PAID**  
 NOV 03 2011  
 9121BC

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	4,605.03
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	162.62
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	4,767.65
DALLAS, TX 75284-1903	MIDLAND, TX 79702		





**BASIC**<sup>SM</sup>  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

FIELD SERVICE TICKET  
1718 05095 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB: 10-25-11		DISTRICT: Pratt KS		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:						
CUSTOMER: C.H. Harris Oil		LEASE: BLENDING		WELL NO.:						
ADDRESS:		COUNTY: BARBER		STATE: KS						
CITY:		STATE:		SERVICE CREW: Sullivan, Mitchell, Young						
AUTHORIZED BY:		JOB TYPE: CNW Squares								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
77463	20						10-24-11			10:00
19831-19862	20						10-24-11			10:30
37900							10-25-11			1:15
										1:45
										3:30
										55

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

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SIGNED: \_\_\_\_\_  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP 100	Common cut	SK	150		2,400.00
P 100	picker machine	mi	55		233.75
P 101	Heavy Duty rollers	mi	110		770.00
E 113	Bulk Delivery	TR	388		670.40
CE 200	Depth Charge 500' - 1,000'	SA	1		1,000.00
CE 240	Bleeding - mixing	SK	150		210.00
S 003	Servant Supreme	SA	1		175.00
CC 109	Col. crew materials	lb	400		420.00

CHEMICAL / ACID DATA:			

SUB TOTAL		VC	1,605	03
SERVICE & EQUIPMENT	%TAX ON \$			
MATERIALS	%TAX ON \$			
TOTAL				

SERVICE REPRESENTATIVE: <i>Robert Sullivan</i>	THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:
FIELD SERVICE ORDER NO. _____	(WELL OWNER OPERATOR CONTRACTOR OR AGENT)



Customer: <i>Chilton Oil</i>		Lease No.		Date: <i>10-25-11</i>	
Lease: <i>BLENDS</i>		Well # /			
Field Order # <i>3045</i>	Station <i>PRATT KS</i>	Casing <i>D.P.</i>	Depth	County <i>WAGON</i>	State <i>KS</i>
Type Job <i>CNW Square 85/8</i>			Formation	Legal Description <i>2-35-11</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
<i>DP</i>				Pre Pad		Max		5 Min.
Depth <i>430'</i>	Depth	From	To	Pad		Min		10 Min.
Volume <i>5.5</i>	Volume	From	To	Frac		Avg		15 Min.
Max Press	Max Press	From	To			HHP Used		Annulus Pressure
Well Connection	Annulus Vol.	From	To	Flush		Gas Volume		Total Load
Plug Depth	Packer Depth	From	To					

Customer Representative				Station Manager <i>DAVE SCOTT</i>				Treater <i>Robert J. Clark</i>			
Service Units	<i>27910</i>	<i>27463</i>	<i>19831</i>	<i>19862</i>							
Driver Names	<i>Sullivan</i>	<i>Mitchell</i>	<i>Young</i>								

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>10:30</i>	<i>Ann.</i>				<i>on loc softening mat</i>
<i>1:15</i>			<i>32</i>		<i>Hook to D.P. mix 150st con</i>
			<i>5.5</i>		<i>3% cc. 570"</i>
					<i>Disp 5/2 BBL</i>
					<i>Hook Pull D.P. to 480'</i>
					<i>Rig Circ Hole Clean</i>
					<i>SOB Complete</i>



PAGE	CUST NO	INVOICE DATE
1 of 1	1000719	11/09/2011
INVOICE NUMBER		
1718 - 90749028		

Pratt (620) 672-1201  
 B CHIEFTAIN OIL COMPANY  
 I PO Box: 124  
 L KIOWA  
 L KS US 67070  
 T  
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Blevins 1  
 O LOCATION  
 B COUNTY Barber  
 S STATE KS  
 I JOB DESCRIPTION Cement-New Well Casing/Pi  
 T  
 E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
40393582	19905		Net - 30 days	12/09/2011

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 11/06/2011 to 11/06/2011</i>				
0040393582				
171805261A Cement-New Well Casing/Pi 11/06/2011				
Cement 5 1/2" Longstring				
AA2 Cement	275.00	EA	13.43	3,693.34 T
De-foamer(Powder)	52.00	EA	3.16	164.32 T
Salt(Fine)	1,364.00	EA	0.40	538.79 T
Gas-Blok	259.00	EA	4.07	1,053.76 T
FLA-322	208.00	EA	5.93	1,232.43 T
Gilsonite	1,375.00	EA	0.53	727.80 T
CS-1L KCL Substitute	5.00	EA	27.65	138.25 T
Mud Flush	500.00	EA	0.68	339.71 T
Super Flush II	500.00	EA	1.21	604.36 T
Heavy Equipment Mileage	110.00	MI	5.53	608.31
Proppant and Bulk Delivery Charge	712.00	MI	1.26	899.99
Blending & Mixing Service Charge	275.00	MI	1.11	304.16
Unit Mileage Charge-Pickups, Vans & Cars	55.00	HR	3.36	184.67
Depth Charge; 5001-6000"	1.00	HR	2,275.25	2,275.25
Plug Container Utilization Charge	1.00	EA	197.50	197.50
Service Supervisor	1.00	HR	138.25	138.25
Latch Down Plug & Baffle 5 1/2" (Blue)	1.00	EA	316.01	316.01
Auto Fill float Shoe 5 1/2" (Blue)	1.00	EA	284.41	284.41
Turbolizer 5 1/2" (Blue)	7.00	EA	86.90	608.31
5 1/2" Basket(Blue)	2.00	EA	229.11	458.21

**PAID**  
 NOV 21 2011  
 9121BC

PLEASE REMIT TO:	SEND OTHER CORRESPONDENCE TO:	SUB TOTAL	14,767.83
BASIC ENERGY SERVICES, LP	BASIC ENERGY SERVICES, LP	TAX	619.97
PO BOX 841903	PO BOX 10460	INVOICE TOTAL	15,387.80
DALLAS, TX 75284-1903	MIDLAND, TX 79702		





**BASIC**<sup>SM</sup>  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201


FIELD SERVICE TICKET  
1718 05261 A

DATE \_\_\_\_\_ TICKET NO. \_\_\_\_\_

DATE OF JOB <b>11-6-11</b> DISTRICT _____		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:								
CUSTOMER <b>Chie Ftain Oil Co. Inc</b>		LEASE <b>Blevins #1</b>		WELL NO. _____						
ADDRESS _____		COUNTY <b>Barber 3-35-11</b> STATE <b>KANSAS</b>								
CITY _____ STATE _____		SERVICE CREW <b>Allen, Mike, Steve</b>								
AUTHORIZED BY _____		JOB TYPE: <b>5 1/2" Long String</b> <b>CNW</b>								
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
<b>28443 P.U.</b>	<b>2</b>						<b>11-5-11</b>			<b>1015</b>
<b>19903-19905</b>	<b>2</b>						<b>11-6-11</b>			<b>200</b>
<b>19832-21010</b>	<b>2</b>						<b>11-6-11</b>			<b>600</b>
							<b>11-6-11</b>			<b>800</b>
							<b>11-6-11</b>			<b>845</b>
						MILES FROM STATION TO WELL <b>55 miles</b>				

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

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SIGNED:   
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP105	AA2 cement	SK	225		\$ 3825 00
CP105	AA2 cement	SK	50		\$ 850 00
CC105	Defoamer Powder	lb	52		\$ 208 00
CC111	SALT FINE	lb	1364		\$ 682 00
CC115	Gas Blok	lb	259		\$ 1333 25
CC129	FIA-322	lb	208		\$ 1560 00
CC201	Gilsonite	lb	1375		\$ 921 25
CF607	Latch down Plug + Baffle 5 1/2" Blue	EA	1		\$ 400 00
CF1251	Auto Fill Float Shoe 5 1/2" Blue	EA	1		\$ 360 00
CF1651	Turbolizer 5 1/2" Blue	EA	7		\$ 770 00
CF1901	Basket 5 1/2" Blue	EA	2		\$ 580 00
CC704	CS-11 KCL Sub	gal	5		175 -
CC151	MUD Flush	gal	500		430 -
CC155	super flush II	gal	500		765 -

SUB TOTAL

**765**

CHEMICAL / ACID DATA:

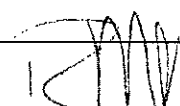

SERVICE & EQUIPMENT	%TAX ON \$
MATERIALS	%TAX ON \$

TOTAL

SERVICE REPRESENTATIVE



THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:



(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.



**BASIC**<sup>SM</sup>  
ENERGY SERVICES  
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61  
P.O. Box 8613  
Pratt, Kansas 67124  
Phone 620-672-1201

FIELD SERVICE TICKET

1718 05262 A

DATE TICKET NO. 05261A

DATE OF JOB <u>11-6-11</u> DISTRICT <u>KANSAS</u>		NEW WELL <input checked="" type="checkbox"/> OLD WELL <input type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> WDW <input type="checkbox"/> CUSTOMER ORDER NO.:							
CUSTOMER <u>Chieftain Oil Co. Inc</u>		LEASE <u>Blevins #1</u> WELL NO.:							
ADDRESS		COUNTY <u>Barber 3-35-11</u> STATE <u>KANSAS</u>							
CITY STATE		SERVICE CREW <u>Allen, Mike, Steve</u>							
AUTHORIZED BY		JOB TYPE: <u>5 1/2" Long String CFW</u>							
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	TIME
<u>28443 PU</u>	<u>2</u>					<u>11-5-11</u>	<u>11-5-11</u>	<u>PM</u>	<u>1015</u>
<u>19903-19905</u>	<u>2</u>					ARRIVED AT JOB	<u>11-6-11</u>	<u>AM</u>	<u>700</u>
<u>19832-21010</u>	<u>2</u>					START OPERATION	<u>11-6-11</u>	<u>AM</u>	<u>600</u>
						FINISH OPERATION	<u>11-6-11</u>	<u>PM</u>	<u>800</u>
						RELEASED	<u>11-6-11</u>	<u>AM</u>	<u>845</u>
						MILES FROM STATION TO WELL			<u>55-miles</u>

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered)

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SIGNED: [Signature]  
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
E100	unit mileage charge Pickup	mi	55		\$ 233 75
E101	Heavy Equip mileage	mi	110		\$ 770 00
E113	Bulk/Delivery Charge	Tm	712		\$ 1139 50
CE206	Depth Charge 5001-6000	4-hr	1		\$ 2880 00
CE240	Blending & mixing Service Chg	275	SK		\$ 385 00
CF504	Plus Container Utilization chg.	Job	1		\$ 250 00
5003	Service Supervisor first 8hrs on loc.	EA	1		\$ 175 00

SUB TOTAL \$14,767 83  
DLS

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
TOTAL		

SERVICE REPRESENTATIVE Allen F. Wenzel THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [Signature]

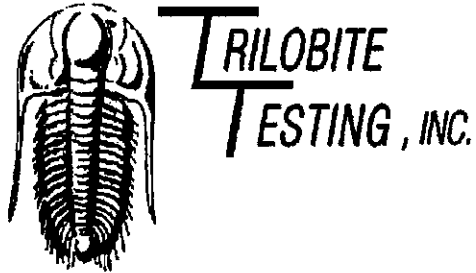
FIELD SERVICE ORDER NO. (WELL OWNER OPERATOR CONTRACTOR OR AGENT)

Customer <i>Chieftain O.L Co Inc.</i>	Lease No.	Date <i>11-6-11</i>
Lease <i>Blevins</i>	Well # <i>1</i>	
Field Order # <i>05261A</i>	Station <i>Pratt KS</i>	Casing <i>5 1/2"</i>
		Depth <i>5446'</i>
Type Job <i>5 1/2" Long string</i>	Formation <i>TD 5447'</i>	County <i>Barber</i>
		State <i>KS</i>
		Legal Description <i>3-35-11</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size "	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>5 1/2"</i>				<i>12-BBI mud Flush</i>				
Depth <i>5446</i>	Depth	From	To	Pre Pad <i>12 BBI super</i>	Max <i>Flush</i>			5 Min.
Volume <i>129 BBI</i>	Volume	From	To	Pad <i>225-SKS AA2</i>	Min <i>cm.t. @</i>	<i>15 #/gal</i>		10 Min.
Max Press <i>1500 #</i>	Max Press	From	To	Frac <i>30 SKS AA2 PUG</i>	Avg <i>R.H.</i>			15 Min.
Well Connection <i>PC</i>	Annulus Vol.	From	To	<del><i>30 SKS AA2 PUG</i></del>	MHP Used <i>11 #</i>			Annulus Pressure
Plug Depth <i>5446</i>	Packer Depth	From	To	Flush <i>Disp 2% KCL</i>	Gas Volume			Total Load

Customer Representative <i>Ken Moler</i>	Station Manager <i>scotty</i>	Treater <i>Allen</i>
Service Units <i>28443 19903 19905 19832 21010</i>		
Driver Names <i>Allen Mike mathl Steve young</i>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>2:00 AM</i>					<i>(Day Lite saving time) on Loc. Discuss Safety, Setup Plan. To B Rigging up to Run 5 1/2" csg.</i>
<i>3:00</i>					<i>start 5 1/2" csg. Shoe Joint 21.46' w/ float shoe, + L.D. Insert in collar cent. 4-6-7-13-17-18-19 Basket #2 - #11</i>
<i>3:45</i>					<i>CIR csg 1/3 OF the way in.</i>
<i>4:15</i>					<i>start Rest of csg.</i>
<i>6:15</i>					<i>Tag TD @ 5447' - Pickup 1' + CIR</i>
<i>7:15</i>	<i>200 #</i>		<i>12</i>	<i>5</i>	<i>Pump 12 BBLs MUD Flush</i>
			<i>3</i>	<i>5</i>	<i>Pump 3 BBI H<sup>20</sup> spacer</i>
			<i>5</i>	<i>5</i>	<i>Pump 12 BBI super flush #1</i>
			<i>3</i>	<i>5</i>	<i>Pump 3 BBL H<sup>20</sup> spacer</i>
			<i>5</i>	<i>5</i>	<i>Mix + Pump 225 SKS AA2 @ 15 #</i>
			<i>57</i>		<i>Finish mix, washout Pump Line</i>
<i>7:30</i>	<i>200 #</i>			<i>6 1/2</i>	<i>Drop L.D. Plug. + start Disp.</i>
	<i>700 #</i>			<i>6</i>	<i>caught Lift PSI w/ 90 BBI out.</i>
<i>7:52</i>	<i>1500 #</i>		<i>129</i>	<i>4</i>	<i>Plug down</i>
	<i>0 #</i>				<i>Release PSI 0 #</i>
<i>8:00</i>			<i>7</i>		<i>Plug R.H. w/ 30 SKS AA2</i>
					<i>wash up + Rack up Equip. Allen, Mike</i>
<i>8:45</i>					<i>Job complete thanks Allen, Mike</i>



## DRILL STEM TEST REPORT

Prepared For: **Chieftain Oil Co**

PO Box 124  
Kiowa, KS 67070

ATTN: Arden Ratzlaff

### **Blevins #1**

#### **2-35s-11w Barber,KS**

Start Date: 2011.11.02 @ 20:45:15

End Date: 2011.11.03 @ 06:44:00

Job Ticket #: 44031                      DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Chieftain Oil Co

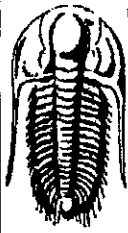
2-35s-11w Barber,KS

Blevins #1

DST # 1

Simpson

2011.11.02



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Chieftain Oil Co

**2-35s-11w Barber,KS**

PO Box 124  
Kiowa, KS 67070

**Blevins #1**

Job Ticket: 44031

**DST#: 1**

ATTN: Arden Ratzlaff

Test Start: 2011.11.02 @ 20:45:15

## GENERAL INFORMATION:

Formation: **Simpson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:40:15

Time Test Ended: 06:44:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Leal Cason

Unit No: 45

Interval: **5193.00 ft (KB) To 5225.00 ft (KB) (TVD)**

Reference Elevations: 1320.00 ft (KB)

Total Depth: 5225.00 ft (KB) (TVD)

1312.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

**Serial #: 6798**

**Inside**

Press@RunDepth: 160.62 psig @ 5194.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.11.02

End Date: 2011.11.03

Last Calib.: 2011.11.03

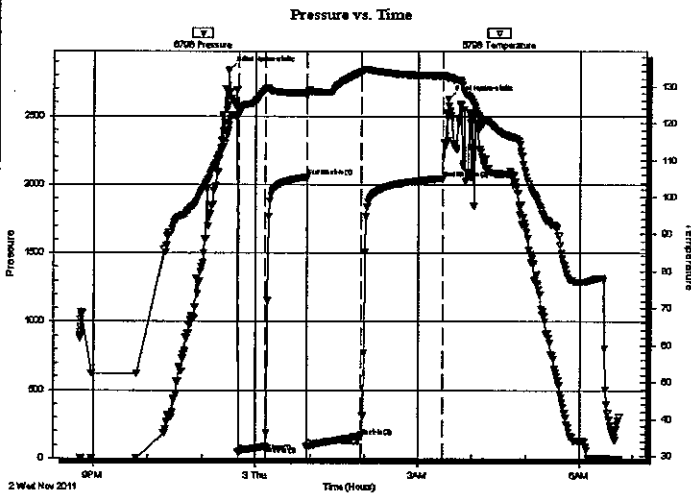
Start Time: 20:45:16

End Time: 06:44:00

Time On Btmr: 2011.11.02 @ 23:30:15

Time Off Btmr: 2011.11.03 @ 03:33:30

TEST COMMENT: IF: Fair Blow, 7 1/2 inches  
IS: No Blow back  
FF: Weak Blow, 2 inches  
FS: No Blow back



## PRESSURE SUMMARY

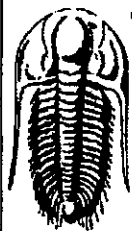
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2836.50	119.47	Initial Hydro-static
10	48.86	122.45	Open To Flow (1)
41	87.51	129.29	Shut-In(1)
86	2052.61	128.20	End Shut-In(1)
86	91.03	127.64	Open To Flow (2)
146	160.62	133.98	Shut-In(2)
237	2043.42	132.89	End Shut-In(2)
244	2626.02	132.44	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
120.00	Water	0.59
62.00	MCW 30%M 70%W	0.30
76.00	Mud	0.37

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Chieftain Oil Co

**2-35s-11w Barber,KS**

PO Box 124  
Kiowa, KS 67070

**Blevins #1**

Job Ticket: 44031

**DST#: 1**

ATTN: Arden Ratzlaff

Test Start: 2011.11.02 @ 20:45:15

### Tool Information

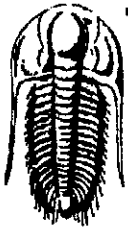
Drill Pipe:	Length: 4881.00 ft	Diameter: 3.80 inches	Volume: 68.47 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 313.00 ft	Diameter: 2.25 inches	Volume: 1.54 bbl	Weight to Pull Loose: 120000.0 lb
			<u>Total Volume: 70.01 bbl</u>	Tool Chased 8.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 82000.00 lb
Depth to Top Packer:	5193.00 ft			Final 82000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	32.00 ft			
Tool Length:	54.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Shut In Tool	5.00			5176.00	
Hydraulic tool	5.00			5181.00	
Safety Joint	2.00			5183.00	
Packer	5.00			5188.00	22.00 Bottom Of Top Packer
Packer	5.00			5193.00	
Stubb	1.00			5194.00	
Recorder	0.00	6798	Inside	5194.00	
Recorder	0.00	8367	Outside	5194.00	
Perforations	28.00			5222.00	
Bullnose	3.00			5225.00	32.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>54.00</b>				





**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Chieftain Oil Co

**2-35s-11w Barber,KS**

PO Box 124  
Kiowa, KS 67070

**Blevins #1**

Job Ticket: 44031

**DST#: 1**

ATTN: Arden Ratzlaff

Test Start: 2011.11.02 @ 20:45:15

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length: ft

Water Salinity: 80000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume: bbl

Water Loss: 8.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 5500.00 ppm

Filter Cake: 0.20 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	Water	0.590
62.00	MCW 30%M 70%W	0.305
76.00	Mud	0.374

Total Length: 258.00 ft      Total Volume: 1.269 bbl

Num Fluid Samples: 0

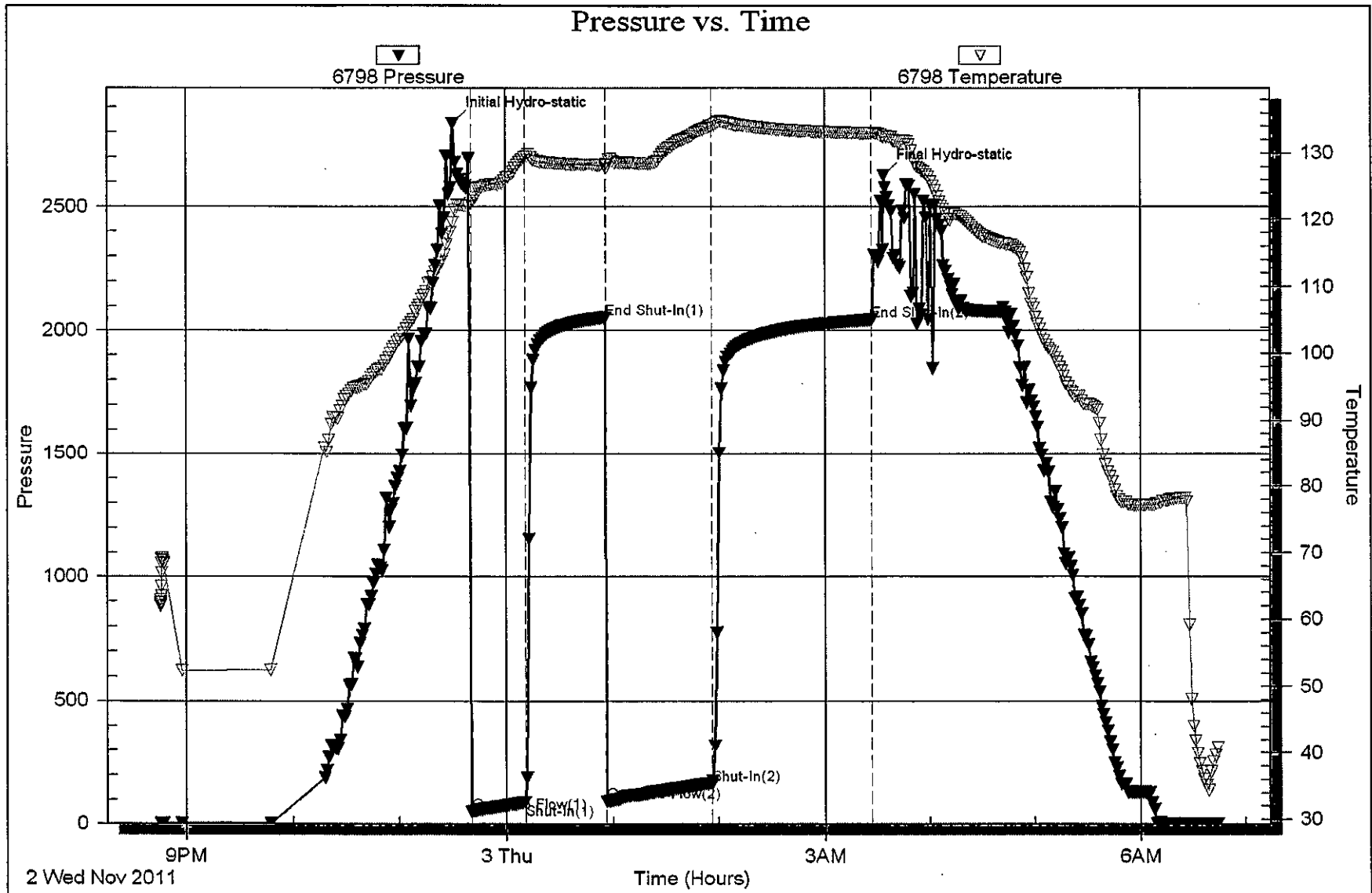
Num Gas Bombs: 0

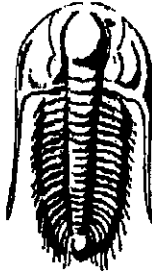
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW/w as .16 @ 44 degrees





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Prepared For: **Chieftain Oil Co**

PO Box 124  
Kiowa, KS 67070

ATTN: Arden Ratzlaff

**Blevins #1**

**2-35s-11w Barber,KS**

Start Date: 2011.11.03 @ 20:59:28

End Date: 2011.11.04 @ 04:47:13

Job Ticket #: 44032                      DST #: 2

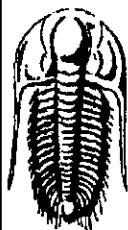
Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2011.11.11 @ 09:36:37

Chieftain Oil Co  
2-35s-11w Barber,KS  
Blevins #1  
DST # 2  
Simpson  
2011.11.03



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Chieftain Oil Co

2-35s-11w Barber, KS

PO Box 124  
Kiowa, KS 67070

**Blevins #1**

Job Ticket: 44032

DST#: 2

ATTN: Arden Ratzlaff

Test Start: 2011.11.03 @ 20:59:28

## GENERAL INFORMATION:

Formation: **Simpson**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 23:58:43

Time Test Ended: 04:47:13

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 45

Interval: **5224.00 ft (KB) To 5230.00 ft (KB) (TVD)**

Total Depth: **5230.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **1320.00 ft (KB)**

**1312.00 ft (CF)**

KB to GR/CF: **8.00 ft**

**Serial #: 6798**

**Inside**

Press@RunDepth: **140.19 psig @ 5225.00 ft (KB)**

Start Date: **2011.11.03**

End Date:

**2011.11.04**

Capacity: **8000.00 psig**

Last Calib.: **2011.11.04**

Start Time: **20:59:29**

End Time:

**04:47:13**

Time On Btm: **2011.11.03 @ 23:57:28**

Time Off Btm: **2011.11.04 @ 02:34:13**

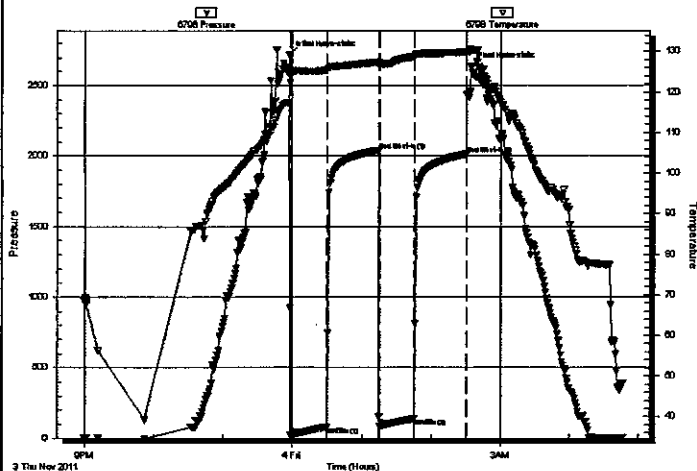
TEST COMMENT: IF: Weak Blow, 3 1/2 inches

IS: No Blow

FF: Weak Blow, 2 inches

FSI: No Blow

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2716.37	117.09	Initial Hydro-static
2	23.12	123.81	Open To Flow (1)
32	81.89	125.40	Shut-In(1)
77	2038.85	127.41	End Shut-In(1)
78	85.54	126.89	Open To Flow (2)
107	140.19	128.72	Shut-In(2)
153	2012.30	129.79	End Shut-In(2)
157	2633.10	130.62	Final Hydro-static

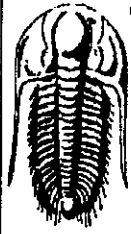
## Recovery

Length (ft)	Description	Volume (bb)
240.00	Water	1.18
10.00	MCW 10%M 90%W	0.05

\* Recovery from multiple tests

## Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Chieftain Oil Co

**2-35s-11w Barber,KS**

PO Box 124  
Kiova, KS 67070

**Blevins #1**

Job Ticket: 44032

**DST#: 2**

ATTN: Arden Ratzlaff

Test Start: 2011.11.03 @ 20:59:28

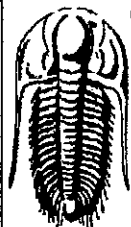
### Tool Information

Drill Pipe:	Length: 4912.00 ft	Diameter: 3.80 inches	Volume: 68.90 bbl	Tool Weight: 2100.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 313.00 ft	Diameter: 2.25 inches	Volume: 1.54 bbl	Weight to Pull Loose: 130000.0 lb
		Total Volume: 70.44 bbl		Tool Chased ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 80000.00 lb
Depth to Top Packer:	5224.00 ft			Final 80000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	6.00 ft			
Tool Length:	28.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
------------------	-------------	------------	----------	------------	----------------

Shut In Tool	5.00			5207.00	
Hydraulic tool	5.00			5212.00	
Safety Joint	2.00			5214.00	
Packer	5.00			5219.00	22.00 Bottom Of Top Packer
Packer	5.00			5224.00	
Stubb	1.00			5225.00	
Recorder	0.00	6798	Inside	5225.00	
Recorder	0.00	8367	Outside	5225.00	
Perforations	2.00			5227.00	
Bullnose	3.00			5230.00	6.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>28.00</b>				



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Chieftain Oil Co

**2-35s-11w Barber,KS**

PO Box 124  
Kiowa, KS 67070

**Blevins #1**

Job Ticket: 44032

**DST#: 2**

ATTN: Arden Ratzlaff

Test Start: 2011.11.03 @ 20:59:28

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length: ft

Water Salinity: 80000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume: bbl

Water Loss: 8.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 4800.00 ppm

Filter Cake: 0.20 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
240.00	Water	1.180
10.00	MCV 10%M 90%W	0.049

Total Length: 250.00 ft      Total Volume: 1.229 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW w as .19 @ 36 degrees

