



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: _____



1059205

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	Norstar Petroleum, Inc.
Well Name	Karlin 1-35
Doc ID	1059205

Tops

Name	Top	Datum
Anhydrite	2797	+514
Heebner	4169	-858
Toronto	4186	-875
Lansing	4212	-901
Base KC	4499	-1188
Ft. Scott	4668	-1357
Cherokee Sh	4687	-1376
Johnson	4769	-1458
Mississippi	4870	-1559

M. BRADFORD RINE

Certified Petroleum Geologist - A.A.P.G. #2647

100 S. Main Suite 415

Wichita, Ks 67202

(316)262-5418

GEOLOGIST'S REPORT

COMPANY	NORSTAR PETROLEUM, INC.	API: 15-193-20795
LEASE	KARLIN #1-35	ELEVATIONS
FIELD	WILDCAT	KB 3311 FEET
LOCATION	2581'FNL & 1407'FEL	DF 3309 FEET
SECTION	35 TOWNSHIP 10S RANGE 35W	GL 3306 FEET
COUNTY	THOMAS STATE KANSAS	MEASUREMENTS ARE ALL FROM: KB
CONTRACTOR	MALLARD DRILLING CO.	CASING
COMMENCED DRILLING	MAY 02, 2011	8-5/8"23# @ 260'
COMPLETED DRILLING	MAY 11, 2011	P & A
RTD	4950 FEET LTD 4950 FEET	ELECTRICAL SURVEYS
MUD UP AT	3648 FEET MUD TYPE CHEM	D/N SUITE
		IND SUITE
		MICRO

SAMPLES SAVED FROM 3900 FEET TO 4950 FEET
 DRILLING TIME KEPT FROM 3800 FEET TO 4950 FEET
 SAMPLES EXAMINED FROM 3900 FEET TO 4950 FEET
 GEOLOGICAL SUPERVISION FROM 3800 FEET TO 4950 FEET

NOTES: PLEASE NOTE ADDITIONAL DRILLING AND GEOLOGICAL INFORMATION ON THE FOLLOWING "HEADER" PAGES.

REMARKS: Based on sample observations, DST results and electric log evaluation, it was the decision of the Operator to plug abandon the "Katie" #1-35' on May 11, 2011.

Respectfully submitted,
 M Bradford Rine

M Bradford Rine, Lic # 204
 05/11/11

DAILY PENETRATION

DATE	DEPTH	REMARKS
05-02-11	1125	1125, Run, Spud @
05-03-11	1125	396'
05-04-11	1125	2410'
05-05-11	1125	3216'
05-06-11	1125	3710'
05-07-11	1125	4130'
05-08-11	1125	4434'
05-09-11	1125	4770'
05-10-11	1125	4828'
05-11-11	1125	4950'

MT RECORD

NUMBER	SIZE	MARK	TYPE	DEPTH OUT	FEET	ROUNDS
1	12 1/4"	RT	RA	260'	260	2
2	7 1/8"	Smith	EST RA	3728'	3948'	28 (3)
3	7 1/8"	Smith	EST RA	4950'	1222'	50 (4)

Self Log: 4 1/2" - 9 3/4" - 2 3/4" @ 260'. (Allied) cement with 185' SA cement - 289 @ 158 cc - c.d.c.

Surveys: 3/4" 260' 4810'
 1/2" 4810'

GENERAL INFORMATION

Rig: Hallard #2
 Pump: Enasco D-375 65/14
 Drawworks: BDM 2 1/2" x 2 1/2"
 Collars: 522'
 Drill pipe: 4 1/2" N.L.C. XH
 Toolpusher: Laverne Urban
 Mud: Mudco (Camp Schwidhager, Reid Atkins)
 Gas Detector: None
 DST's: Trilobit (Mike Roberts)
 E-logs: Logg Tech (S. Deaine)
 Water: Investigation well 2 mi southeast
 Co. Representatives: off site (Bob Elder)

FORMATION TOPS

FORMATION TOPS	SAMPLE TOPS	ELECTRIC LOG TOPS	SUB-SHA DATUM	STRUCT. REF.
ANHYDRITE	2198	2797	+514	+2
BLANHYDRITE	2825	2829	+487	-2
TOPEKA	4016	4016	-705	+1
HEBNER SH	4170	4169	-858	+2
TORONTO	4188	4186	-875	+9
LANSING	4214	4210	-899	+5
MANCIE CREEK SH	4352	4356	-1045	FL
STARK SH	4447	4447	-1136	-6
8/ KANSAS CITY	4511	4509	-1198	-2
MARMAION	4537	4534	-1223	-1
ALTA MONT	4600	4604	-1293	-13
PANNEE	4636	4635	-1324	+5
FT SCOT	4670	4674	-1363	+3
CHEROKEE SH	4688	4687	-1376	+2
JOHNSON	4770	4769	-1458	+2
MORROW	4824	4824	-1513	-3
MISSISSIPPI	4870	4869	-1558	+12
TOTAL DEPTH	4950	4950	-1639	-

DST # 1 INTERV
 FORMATION: 14
 TIMES: 14
 INITIAL BLOW: 14
 FINAL BLOW: 14
 IHP 2449 RHP -
 IHP 55-55 RHP -
 IHP 853 RHP -
 TEMPERATURE: 12
 MUD: 5' mud

DST # INTERV
 FORMATION: INTERV
 TIMES: INTERV
 INITIAL BLOW: INTERV
 FINAL BLOW: INTERV
 IHP RHP
 IHP RHP
 IHP RHP
 TEMPERATURE: RHP
 MUD: RHP

DST # INTERV
 FORMATION: INTERV
 TIMES: INTERV
 INITIAL BLOW: INTERV
 FINAL BLOW: INTERV
 IHP RHP
 IHP RHP
 IHP RHP
 TEMPERATURE: RHP
 MUD: RHP

REFERENCE WELL: 201 " Katie" 201

DST # 1 INTERVAL: 4747-4810

FORMATION: Johnson

TIMES: 15-30-30-30

INITIAL BLOW: v. sh. to 1/8" / 1

FINAL BLOW: None

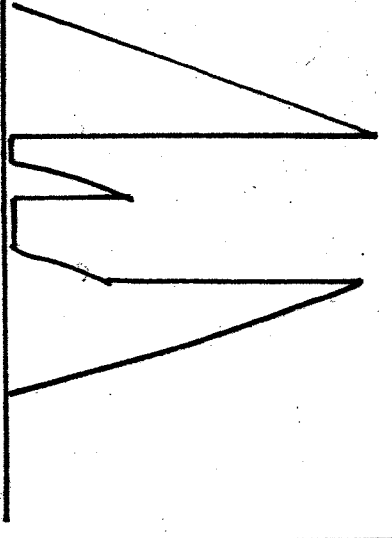
IHP 2449 RHP 2460

IRP 55-55 RRP 58-57

ISIP 853 RSIP 653

TEMPERATURE: 125°F

REC: 5' mud



DST # INTERVAL:

FORMATION:

TIMES:

INITIAL BLOW:

FINAL BLOW:

IHP RHP

IRP RRP

ISIP RSIP

TEMPERATURE:

REC:

DST # INTERVAL:

FORMATION:

TIMES:

INITIAL BLOW:

FINAL BLOW:

IHP RHP

IRP RRP

ISIP RSIP

TEMPERATURE:

REC:

DST # INTERVAL:

FORMATION:

TIMES:

INITIAL BLOW:

FINAL BLOW:

IHP RHP

IRP RRP

ISIP RSIP

TEMPERATURE:

REC:

DST # INTERVAL:

FORMATION:

TIMES:

INITIAL BLOW:

FINAL BLOW:

IHP RHP

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TEMPERATURE:

REC:

DST # INTERVAL:

FORMATION:

TIMES:

INITIAL BLOW:

FINAL BLOW:

IHP RHP

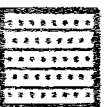
IRP RRP

ISIP RSIP

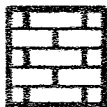
TEMPERATURE:

REC:

LEGEND



SANDSTONE



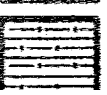
LIMESTONE



CHERT



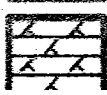
CARB. SH./
COAL



SILTSTONE



DOLOMITE














GRANITE
WASH



CONGLOM-
ERATE

LEGEND

 SANDSTONE	 LIMESTONE	 CHERT	 COAL
 SHALE	 DOLOMITE	 GRANITE WASH	 CONGLOMERATE
	 ANHYDRITE/ GYPSUM	 GRANITE	 OOLITIC/ OOIDIC

DRILLING RATE
MINUTES/FOOT
5 10 15

DEPTH

ALPH. GEOLOGY

SAMPLE DESCRIPTIONS
(Logged)

GAS DETECTOR CURVE
TOTAL GAS/WET GAS
25u 50u 75u 100u 125u

2700

S
H
A
L
E
%

HOT WIRE
CHROMATOGRAPH

50

ANHYDRITE

2800

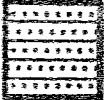






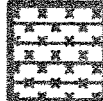


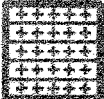

*Anhy. Interval:
based on drill time only!*

B/ANHYDRITE

50

*** DEPTH BREAK ***

LEGEND

 SANDSTONE	 LIMESTONE	 CHERT	 CARB. SH./ COAL
 SILTSTONE	 DOLOMITE	 GRANITE WASH	 CONGLOM- ERATE
 SHALE	 ANHYDRITE/ GYPSUM	 GRANITE	 OOLITIC/ OOMOLDIC

DRILLING RATE MINUTES/FOOT	DEPTH	LITH- OLOGY	SAMPLE DESCRIPTIONS (Logged)	GAS DETECTOR CURVE TOTAL GAS/WET GAS
5 10 15				25u 50u 75u 100u 125u (Logged)
	2700	S H A L E %		HOT WIRE CHROMATOGRAPH
	50			
	2800	ANHYDRITE	<i>Anhy. Intervals: based on drill time only!</i>	
		B/ANHYDRITE		
	50			
*** DEPTH BREAK ***				
	3800			

3800

50

3900

sh red, brn, gen
ls wh-cr, fr. gl x ln, g
grainy, silty part

sh pl grn, silty

ls cr. tan
fr. ln, dus

ls wh-cr, fr. gl x ln, g
grainy, part in pt

50

sh red, gen
earthy - subsilty part

ls wh-cr, tan
fr. ln, pr. fr x ln, g
foss. in pt,
ool. pellet in pt

ls cr. tan
fr. ln, pr. fr x ln, g
foss

4000

sh red, gy, gen

sh gy, red, brn, gen
earthy - silty part

TOPEKA

ls wh-cr
fr. ln, fr. gl x ln, g
foss in pt,
scat. chalky

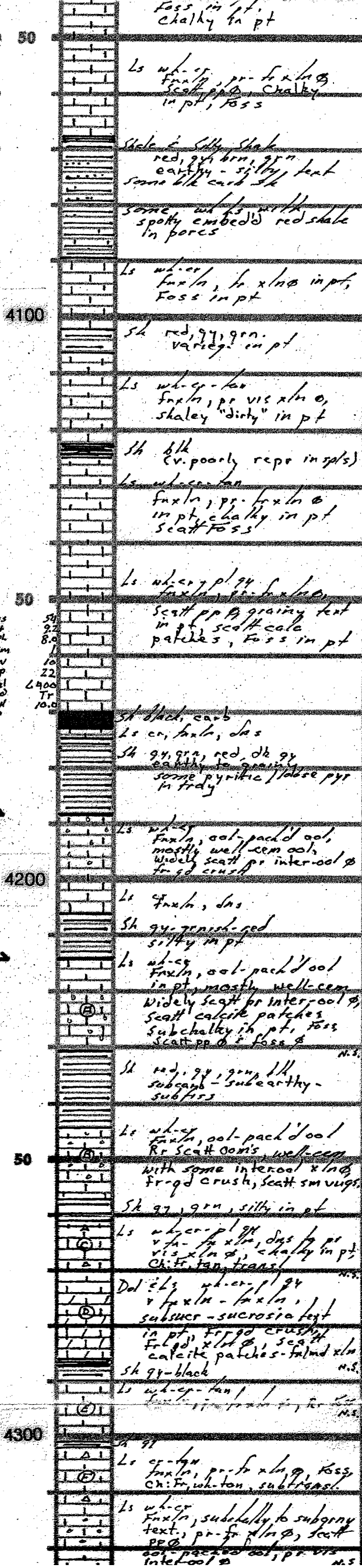
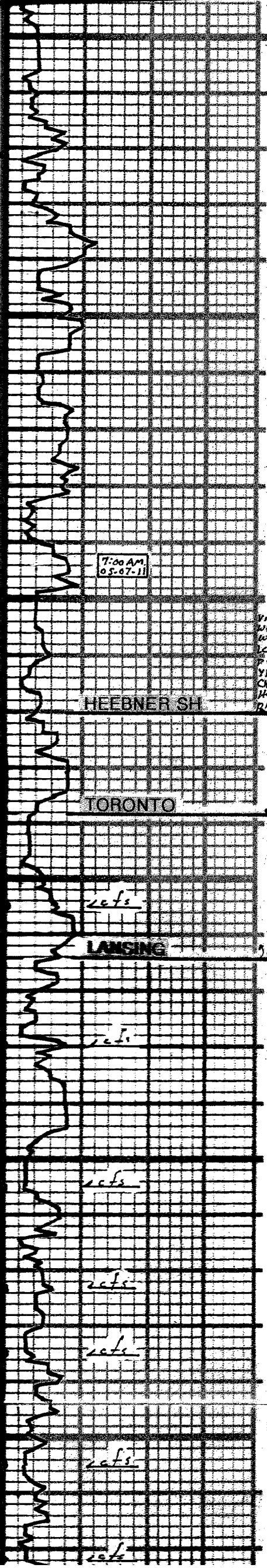
ls wh-cr
fr. ln, fr. gl x ln, g
foss in pt,
chalky in pt

50

ls wh-cr, pr. fr x ln, g
scat. part, chalky
in pt, foss

shale & silty shale
red, ool. brn, gen.

* Displace f
* Made up @ 3648'



Foss in pt.
Chalky in pt

Ls wh-cr, pr-fx in o.
Scatt pp, Chalky
in pt, foss

Sh silty shak
red, gy, brn, grn
earthy - silty, text
some blk carb sh
some wh ls with
spotty embedd red shale
in pores

Ls wh-cr, pr-fx in o
Foss in pt

Sh red, gy, grn.
varieg. in pt

Ls wh-cr, pr-fx in o,
shaley "dirty" in pt

Sh blk
(v. poorly repr in sp's)

Ls wh-cr, pr-fx in o
in pt, chalky in pt
Scatt foss

Ls wh-cr, pr-fx in o
Scatt pp, grainy text
in pt, scatt calc
patches, foss in pt

Sh black carb
Ls cr, fxl, ds
Sh gy, grn, red, dk gy
partly to gray
some pyritic / trace pyr
in tray

Ls wh-cr, ool-pack'd ool,
mostly well-cem ool,
widely scatt pr inter-ool
fr-gd crush

Ls fxl, ds
Sh gy, pinkish-red
silty in pt

Ls wh-cr, ool-pack'd ool
in pt, mostly well-cem
widely scatt pr inter-ool
Scatt calcite patches
subchalky in pt, foss
scatt pp & foss

Sh red, gy, grn, blk
subcarb - subearthy -
subfss

Ls wh-cr, ool-pack'd ool
Rr scatt ool's, well-cem
with some interool x lns
fr-gd crush, scatt sm vugs

Sh gy, grn, silty in pt

Ls wh-cr, pr-fx in o, ds
vis xln o, chalky in pt
Ch: Fr, tan, trans

Dol ls wh-cr, pr-fx in o
subsuc - sucrosia text
in pt, fr-gd crush,
fr-gd xln o, scatt
calcite patches - found xln

Sh gy-black

Ls wh-cr, pr-fx in o

Ls wh-cr, pr-fx in o, foss,
Ch: Fr, whiton, subfss

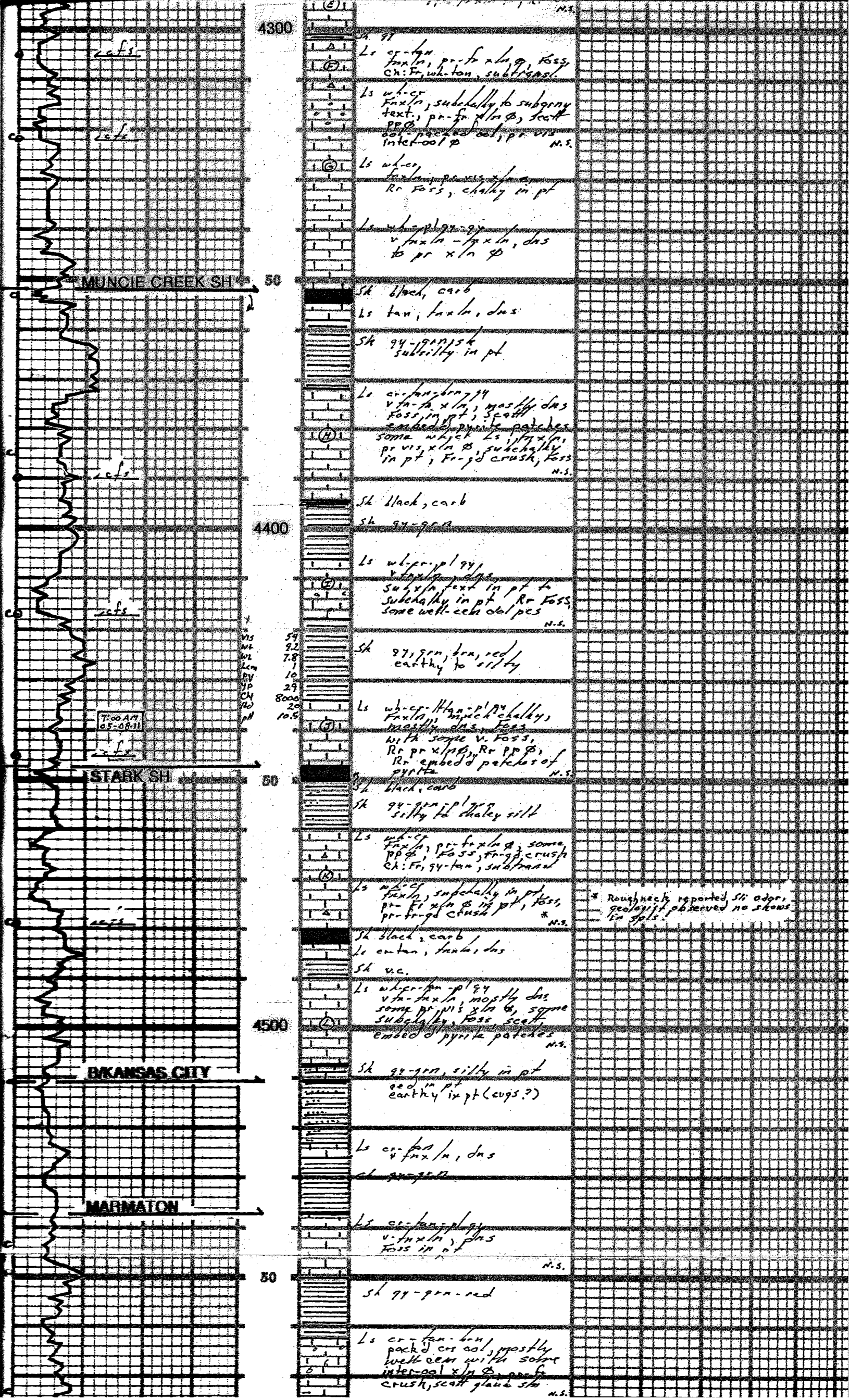
Ls wh-cr, subchally to subgrny
text, pr-fx in o, scatt
ool-pack'd ool, pr vis
inter-ool

4195' H: Toronto
No Ool, No Flour,
Found few pcs total with spot
of gray patch of v. silty sh,
No show f.o.

4230' H: Lsg "B"
No Ool, No Flour,
Found a few pcs with pose
spots of resid. oil sh.

51
92
8.0
1
16
22
6900
Tr
10.0

4300



4300

lts

sh 91
 Ls cr-fn, pr-fn xln, foss,
 Ch: Fr, wh, ton, subtrms.
 Ls wh-cr, subchally to subgrny
 text, pr-fn xln, scatt
 pp, packed aol, pr vis
 inter-aol p n.s.
 Ls wh-cr,
 fanling pr vis, scatt
 Rr foss, chally in pt
 Ls wh-pl, pr-91
 v. fn xln - pr xln, dus
 to pr xln p

MUNCIE CREEK SH

50

sh black, carb
 Ls tan, fanling, dus
 sh 94-grn, sh
 subchally in pt
 Ls cr-fn, pr-94
 v. fn xln, mostly dus
 foss in pt, scatt
 embedd pyrite patches
 some wh-cr, Ls, pr xln,
 pr vis, xln, subchally
 in pt, Fr-94 crush, foss
 n.s.

lts

4400

sh black, carb
 sh 94-grn
 Ls wh-cr, pr-94
 v. fn xln, subchally in pt
 subchally in pt, Rr foss,
 some well-ccn obl pcs
 n.s.

lts

vis
 wt
 54
 9.2
 7.8
 10
 29
 8000
 20
 10.5

7:00 AM
 05-08-11

sh 97-grn, brn, red,
 earthy to silty
 Ls wh-cr, pr-94, subchally,
 mostly dus, foss,
 with some v. foss,
 Rr pr xln, Rr pp, Rr
 embedd patches of
 pyrite n.s.

lts

STARK SH

50

sh black, carb
 sh 94-grn, silty to shaly silt
 Ls wh-cr, pr-fn xln, some
 pp, foss, fr-94 crush
 Ch: Fr, 94-tan, subtrms
 Ls wh-cr, subchally in pt,
 pr-fn xln in pt, foss,
 pr-fr-94 crush n.s.

lts

* Roughneck reported sil adgr,
 geologist observed no shows
 in sp. 15.

sh black, carb
 Ls cr-tan, fanling, dus
 sh v.c.
 Ls wh-cr, pr-fn, pr-94
 v. fn xln, mostly dus,
 some pr vis xln, some
 subchally, foss, scatt
 embedd pyrite patches
 n.s.

4500

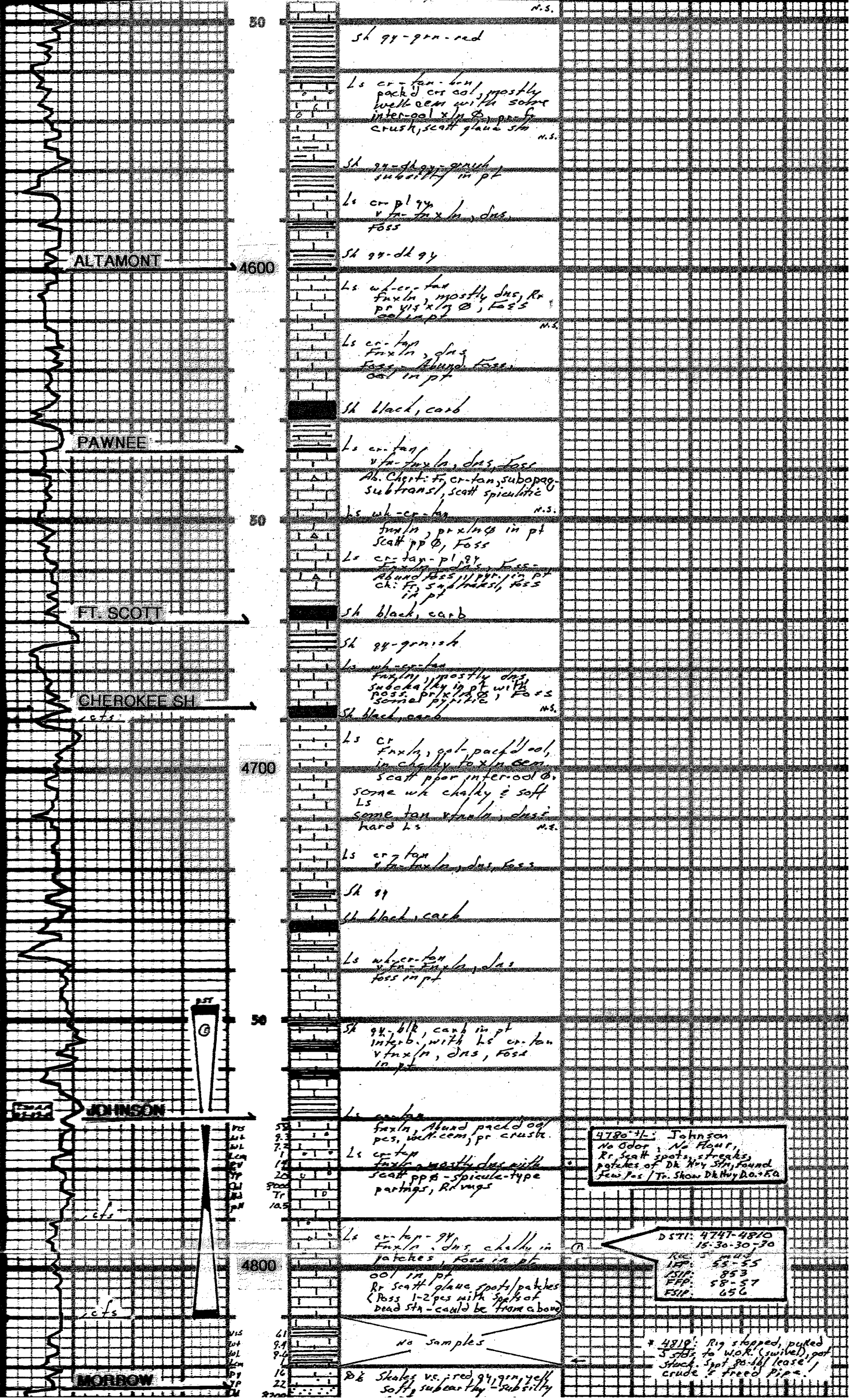
KANSAS CITY

sh 94-grn, silty in pt
 earthy in pt (evgs?)
 Ls cr-fn, fanling, dus
 ch grng

MARMATON

50

Ls cr-fn, pr-94
 v. fn xln, dus
 foss in pt n.s.
 sh 94-grn-red
 Ls cr-fn, fanling, mostly
 packed cr aol, mostly
 well-cem with some
 inter-aol xln, pr-94
 crush, scatt glauc sh n.s.



4800

patches, foss in pt
ool in pt
Rr scatt glauc spots/patches
(Poss 1-2 pcs with spots of
dead str - could be from above)

REC: 55-55
LFP: 853
ESP: 58-57
FSP: 656

61
9.4
9.6
16
22
8200
86
9.5

No samples

* 4819: Rig stopped, pulled
5 str to work (swivel) got
stuck. Spot so - let loose!
crude & freed pipe.

MORROW

D& Shales vs. red gy, grn, yell
soft, subearthy - subsilty
in pt
Ls wh-cr, play, v. fine, d. ss
some sdy Ls - Limey so in spls
mostly shales gy-grn

mostly red, gy, grn shales:
subwaxy - subsilty - silty - argil
low so spls: sd, wh-gy, fn-md
grn, cem, shaley in pt, pyr. n.s.

Some wh-cr d. ss Ls
Abund v.c. shales in spls
So clear wh - gy
fn-md grn, fr-gd sort,
subargil - subrd, cem in pt,
pr-fn-gd fr, T. glauc,
shaley in pt n.s.

MISSISSIPPI

Ls wh-cr, sdy v. sdy in pt,
fn-xln, chalky in pt,
ool v. ool in pt
Salt - from pr
glauc specks n.s.
sd grns mostly fn with
scatt md-cr subrd grns

4870-94: Miss
No odor, No flour, found
a few pcs with Brn Dry Resid
Patches of str 2-1 pc with
spots of dk d.o.

4900

Dol wh-fan, succrosic, pr
Fr vis v. n. a, gd-Fr crush n.s.

Ls wh-cr, sdy & pol, d. ss
pr-gd crush

Dol wh-fan/
v. fan, pr-fn vis x lds,
succrosic text, fr-gd
crush

Dol cr-fan, succro. fr x lds

Ls Dol wh-cr - sdy & ool
fan, d. ss - pr vis x lds
possibly thin interb'g
of various Ls &

Dol fr
scatt pyritic Ls & loose
pyr. p.s

50

RTD 4950 FT

50



DIGITAL LOG (785) 625-3858

Dual Induction Log

API No.	15-193-20,795-00-00	
Company	Norstar Petroleum, Inc.	
Well	Karlin No.1-35	
Field	Wildcat	
County	Thomas	State Kansas
Location	SE SE SW NE 2581' FNL & 1407' FEL	
Sec: 35	Twp: 10S	Rge: 35W
Other Services	CNL/CDL MEL	
Elevation	K.B. 3311 D.F. G.L. 3306	

Permanent Datum	Ground Level	Elevation	3306
Log Measured From	Kelly Bushing	5	Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing		
Date	5/11/2011		
Run Number	One		
Depth Driller	4950		
Depth Logger	4950		
Bottom Logged Interval	4949		
Top Log Interval	250		
Casing Driller	8.625 @ 260		
Casing Logger	261		
Bit Size	7.875		
Type Fluid in Hole	Chemical		
Salinity, ppm CL	8.200		
Density / Viscosity	9.4	61	
pH / Fluid Loss	9.5	9.6	
Source of Sample	Flowline		
Rm @ Meas. Temp	.26	@	80
Rmf @ Meas. Temp	.2	@	80
Rmc @ Meas. Temp	.35	@	80
Source of Rmf / Rmc	Charts		
Rm @ BHT	.16	@	128
Operating Rig Time	4 1/2 Hours		
Max Rec. Temp. F	128		
Equipment Number	17		
Location	Hays		
Recorded By	C. Desaire		
Witnessed By	Brad Rine		

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Comments

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

 Winona KS,
 5 N to Curve, 2 E, 1/4 N, W Into

Database File: c:\warrior\data\norstar_karlin no.1-35\norstarhd.db
 Dataset Pathname: dil/starstk
 Presentation Format: dil2in
 Dataset Creation: Wed May 11 06:50:40 2011
 Charted by: Depth in Feet scaled 1:600

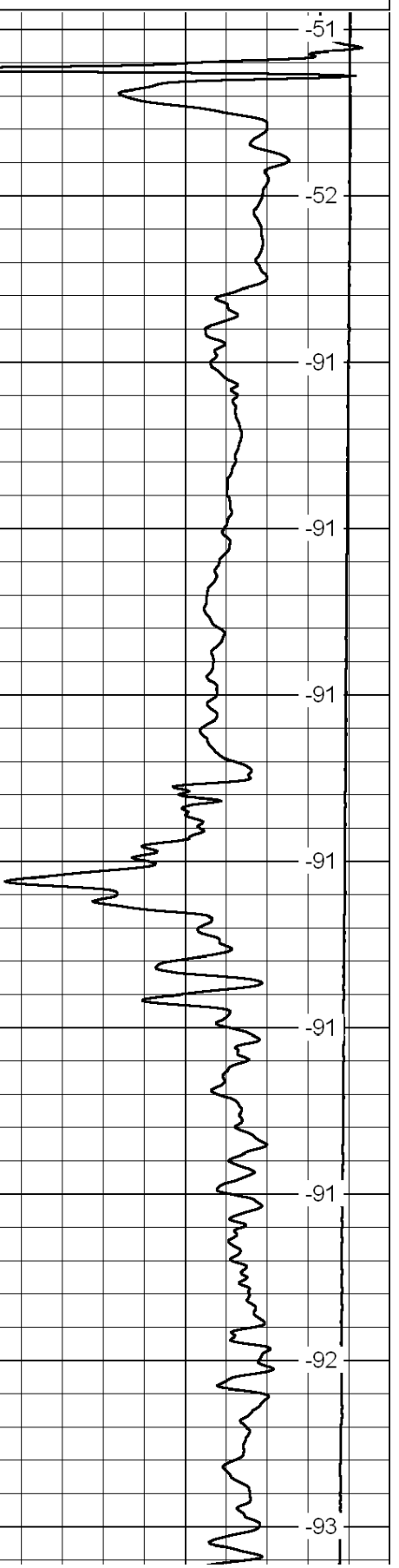
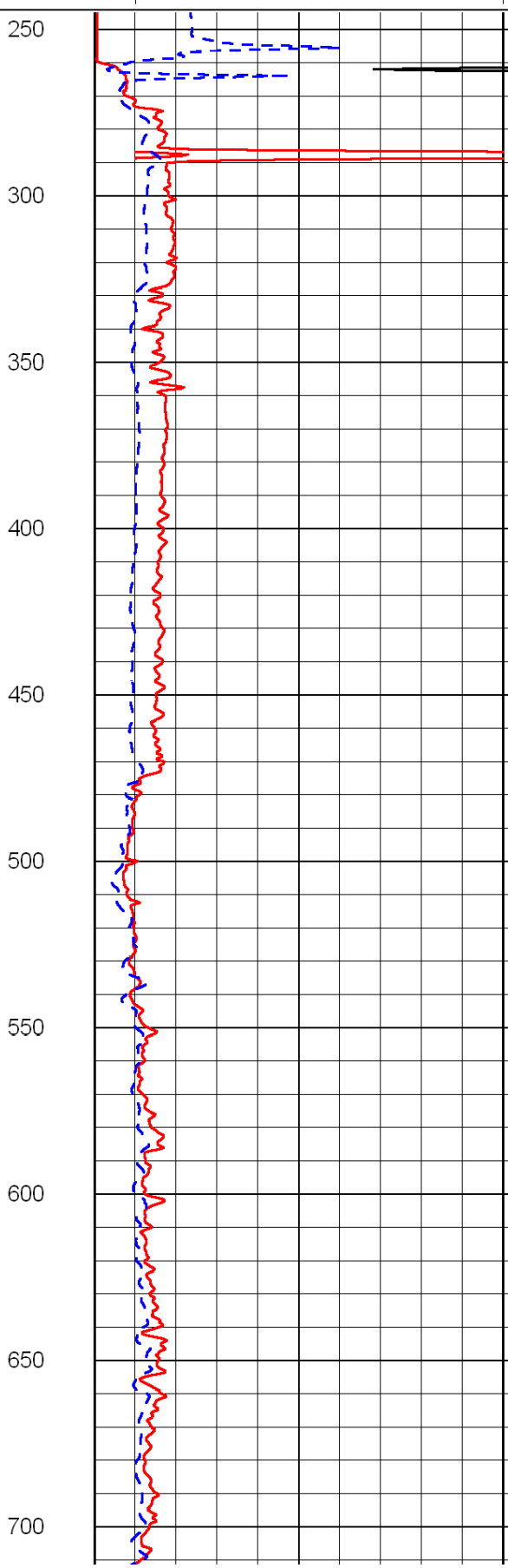
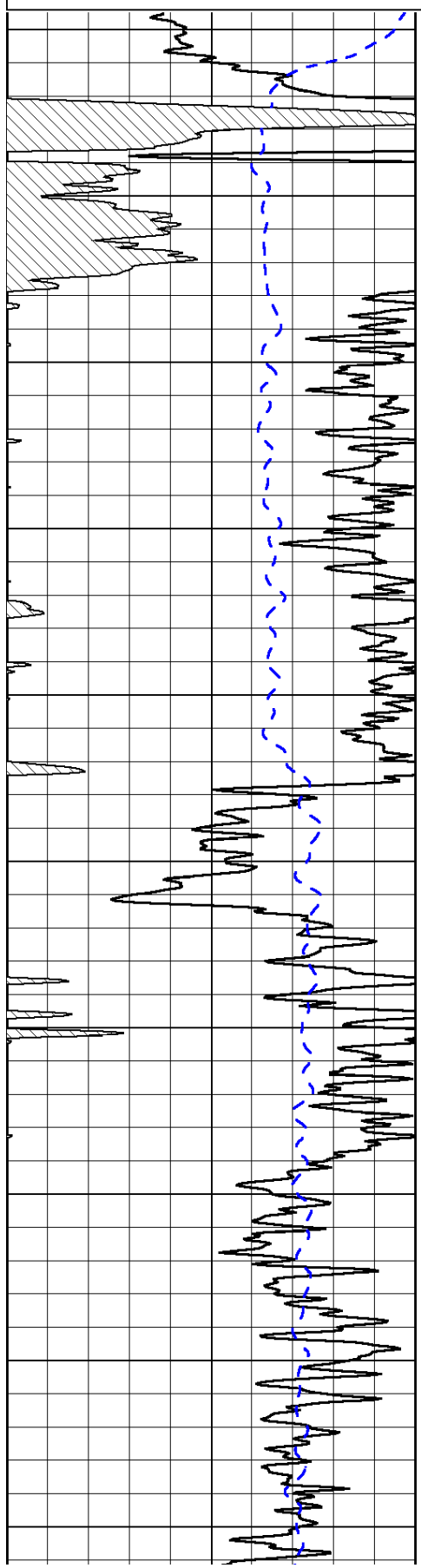
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-200	SP (mV)	0

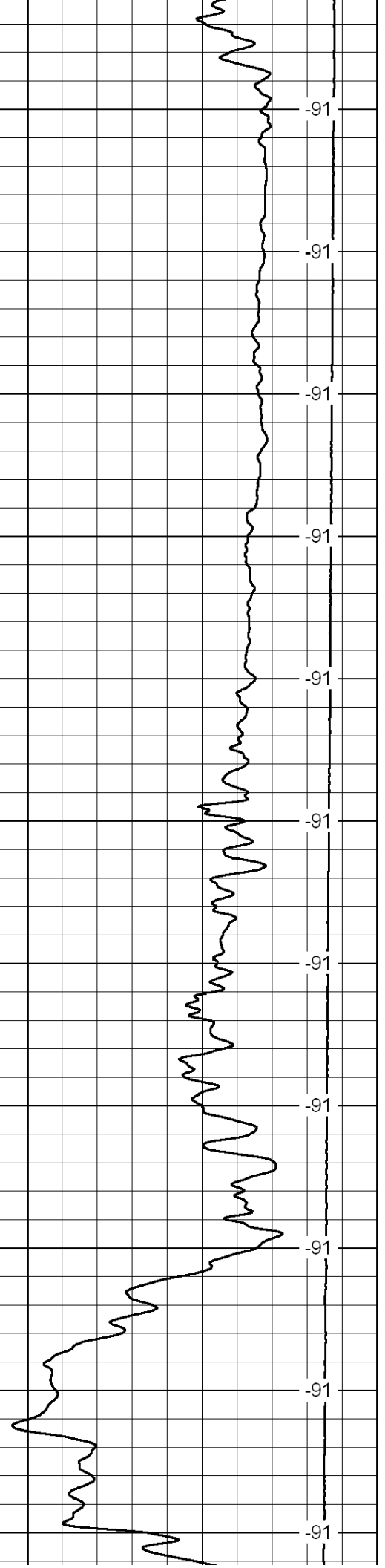
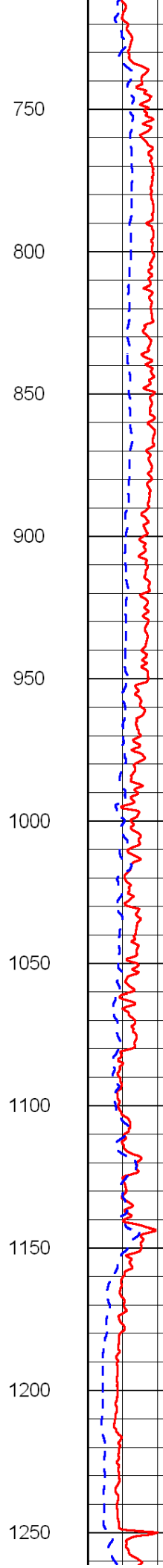
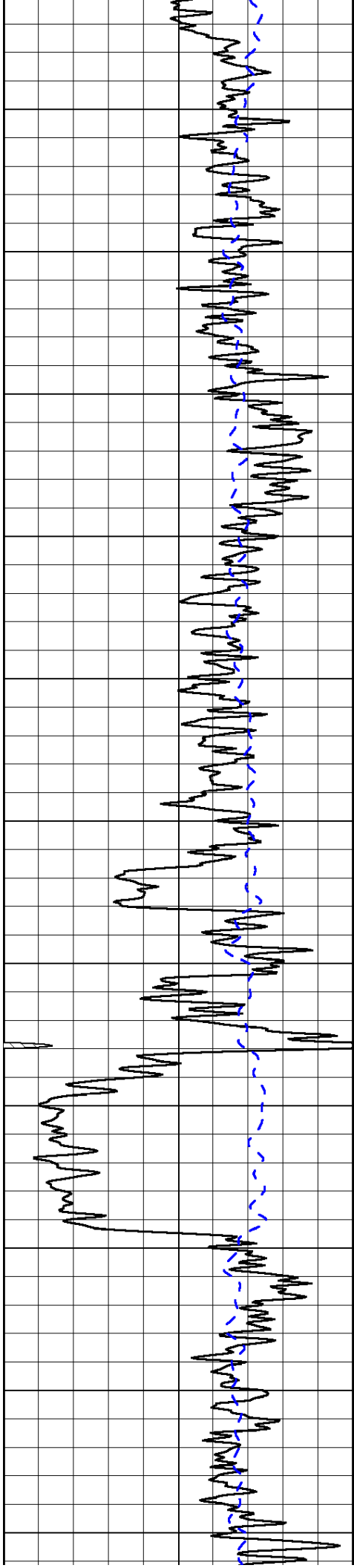
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0	Deep Resistivity	50

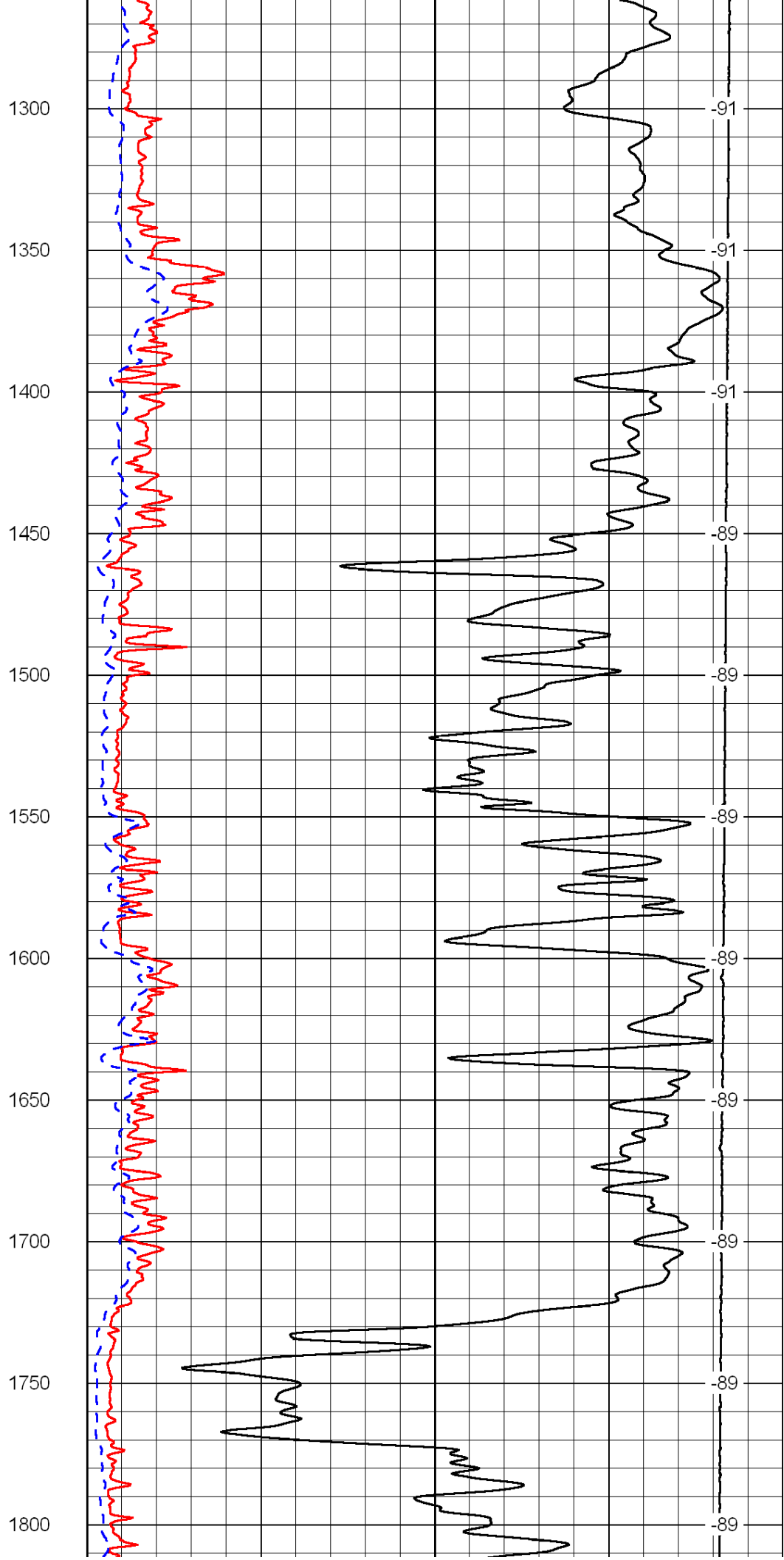
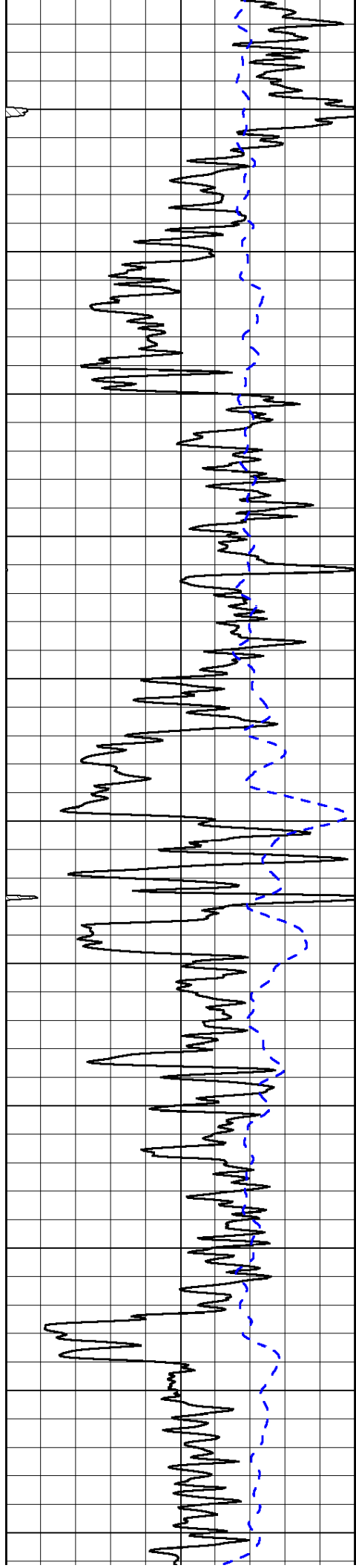
LSPD

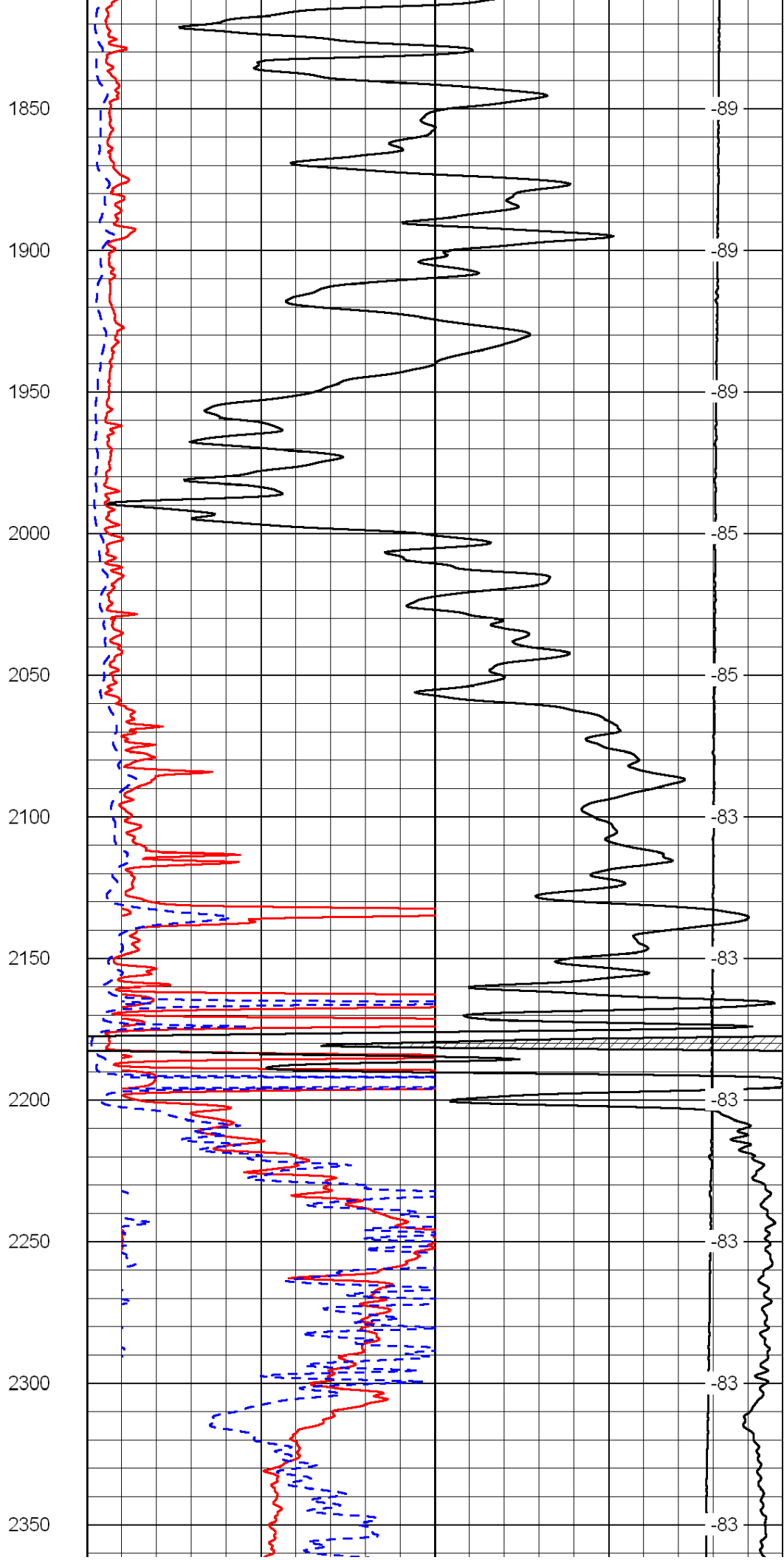
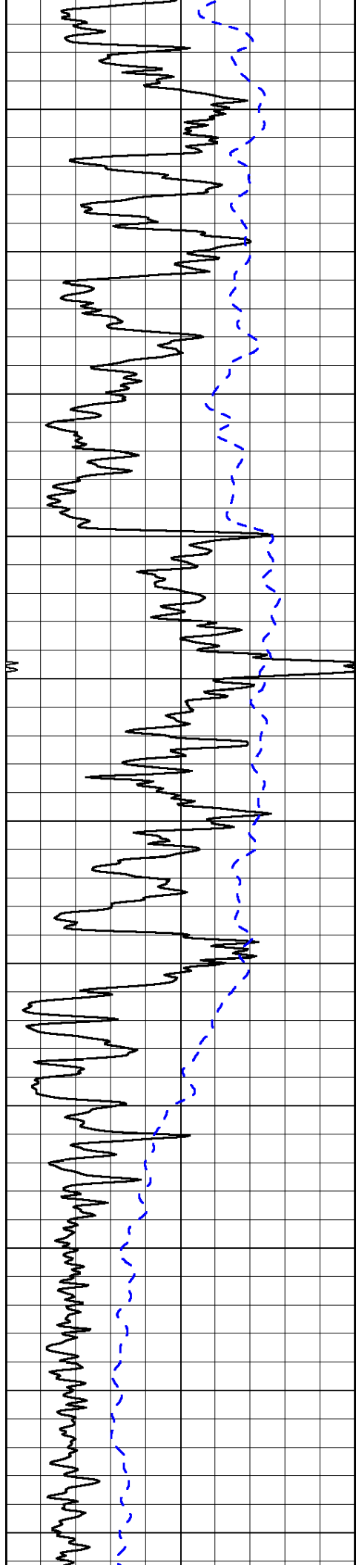
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15000	Line Tension	0

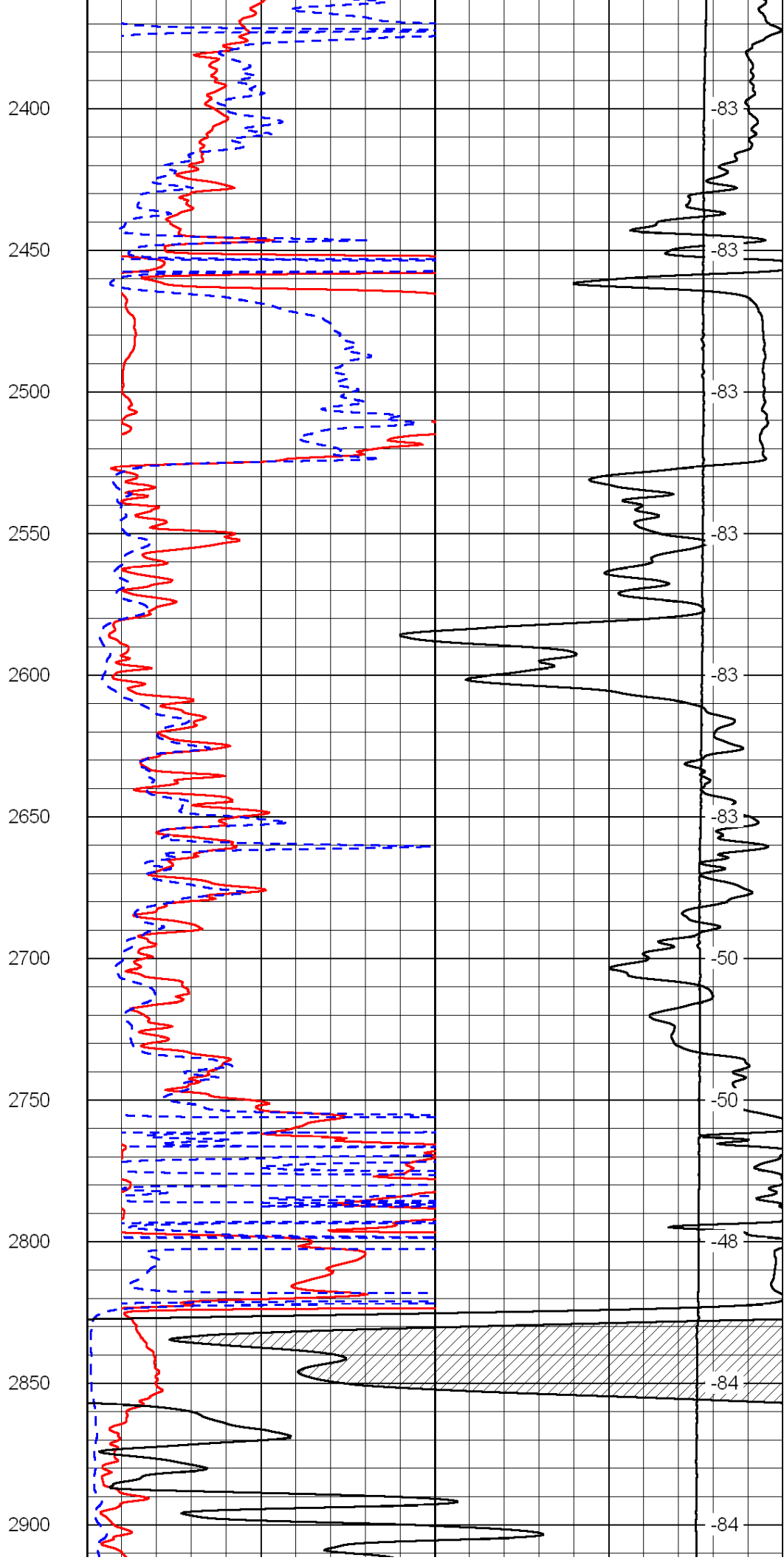
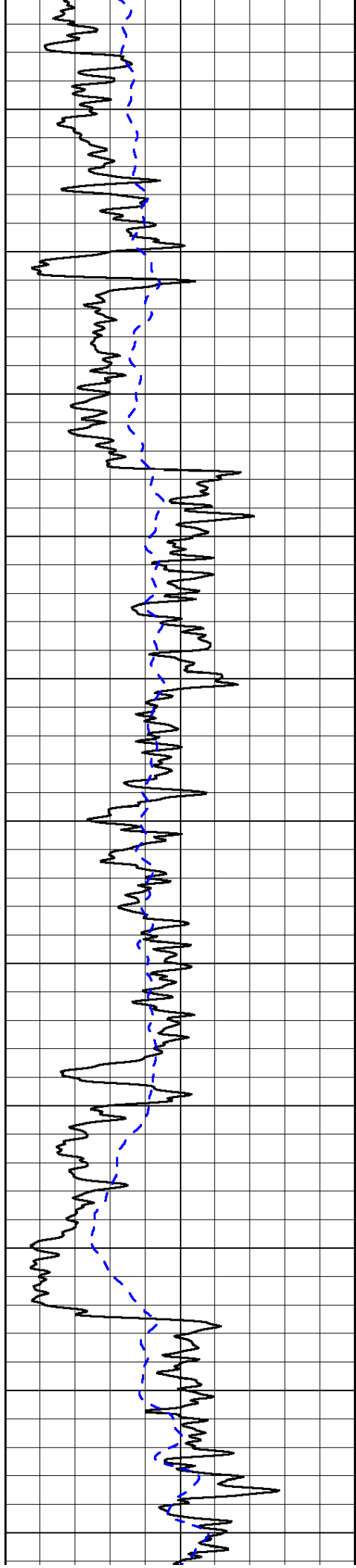
50	Shallow Resistivity	500
50	Deep Resistivity	500

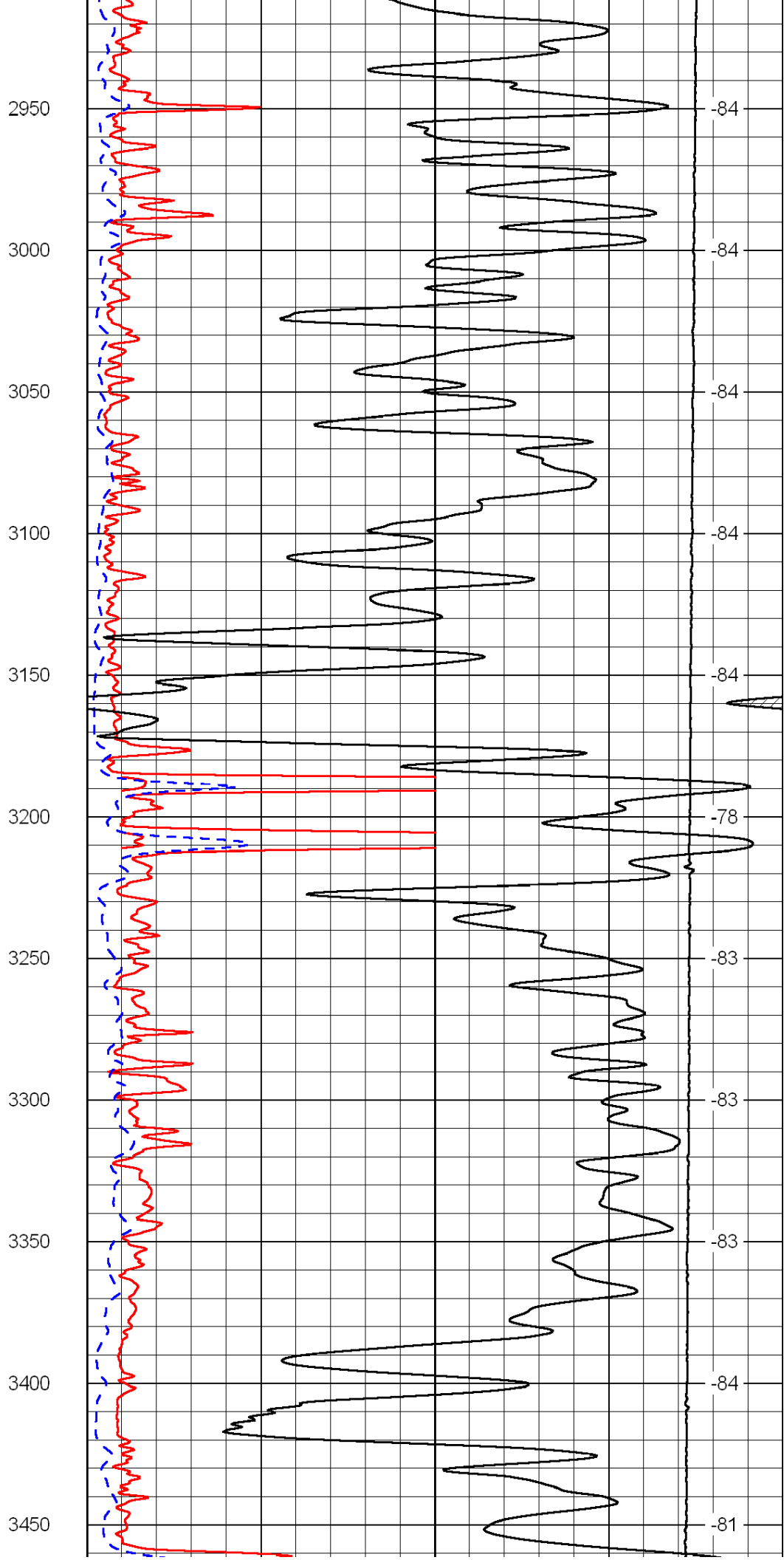
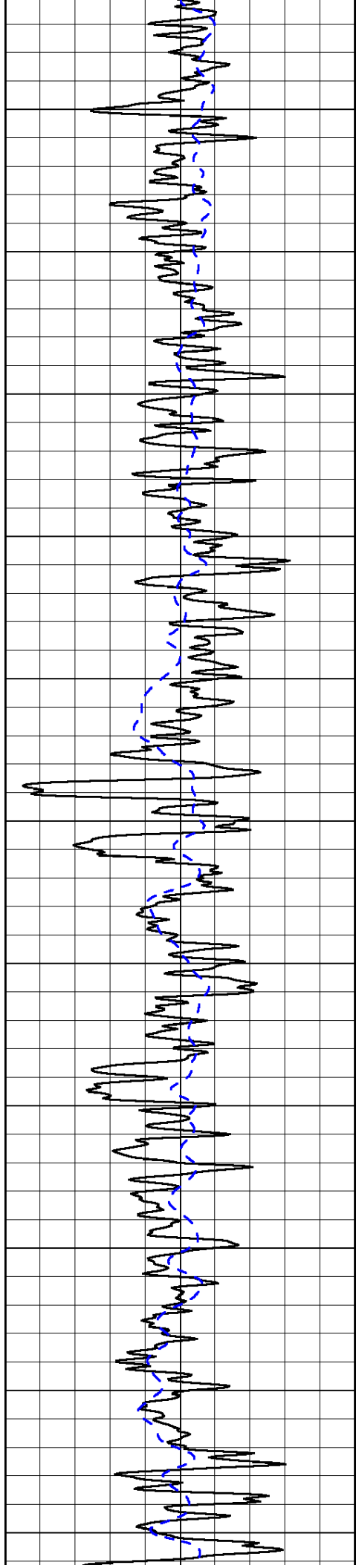


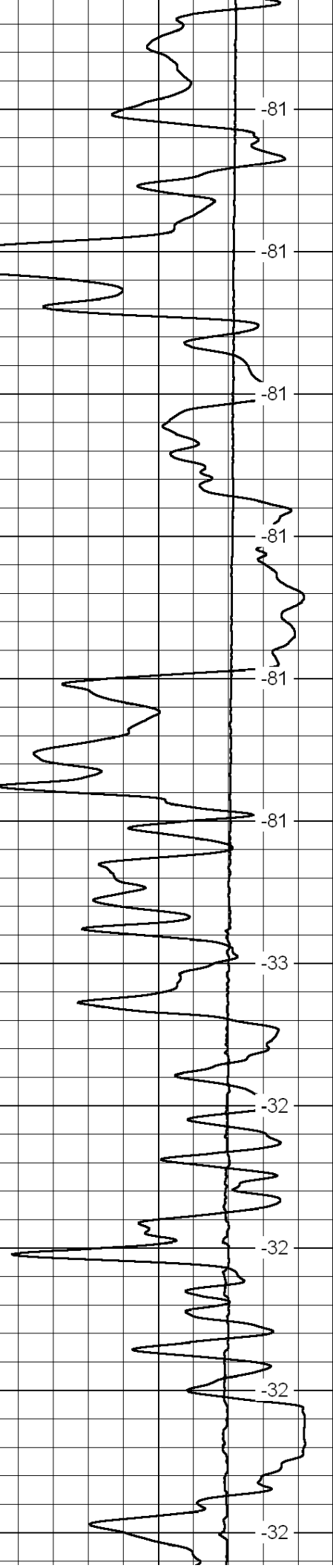
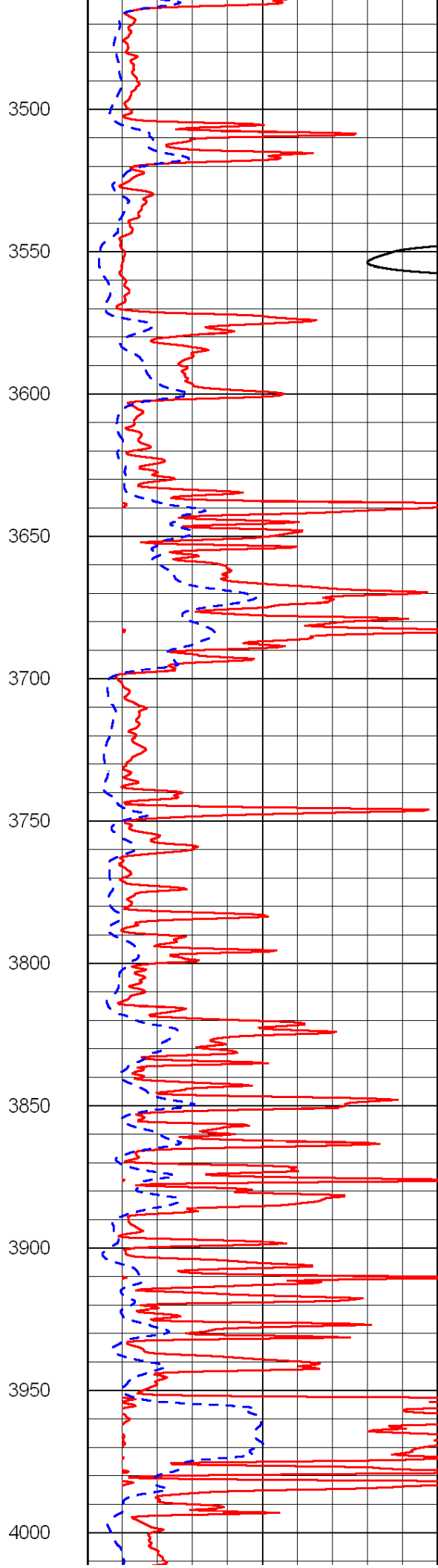
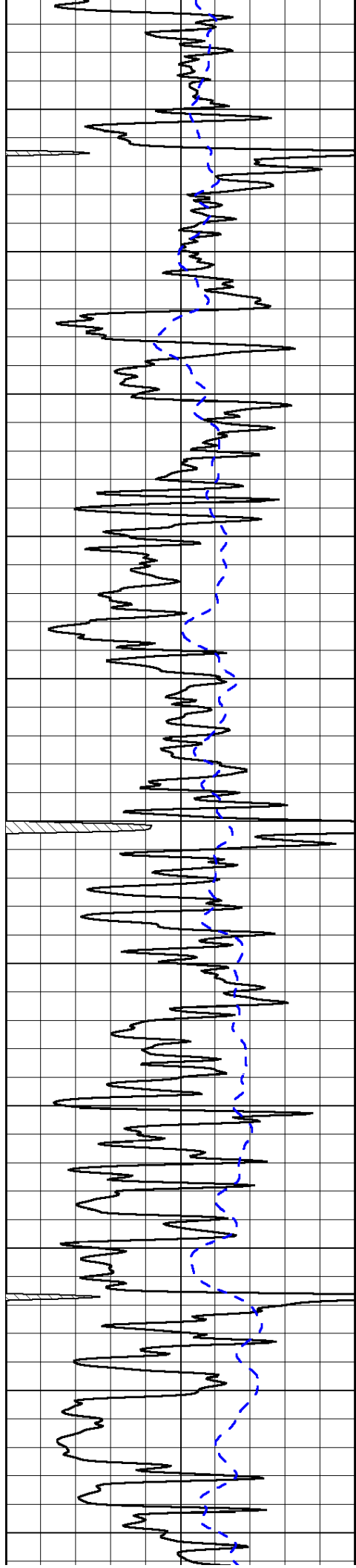


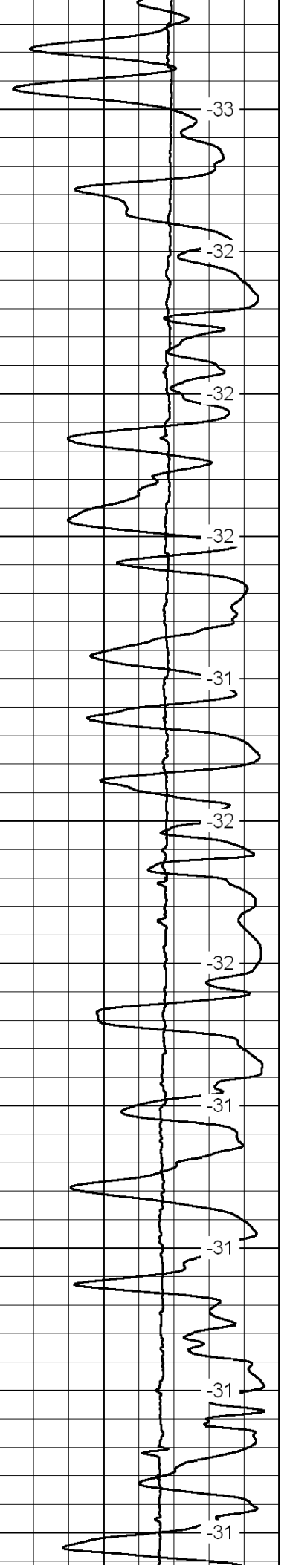
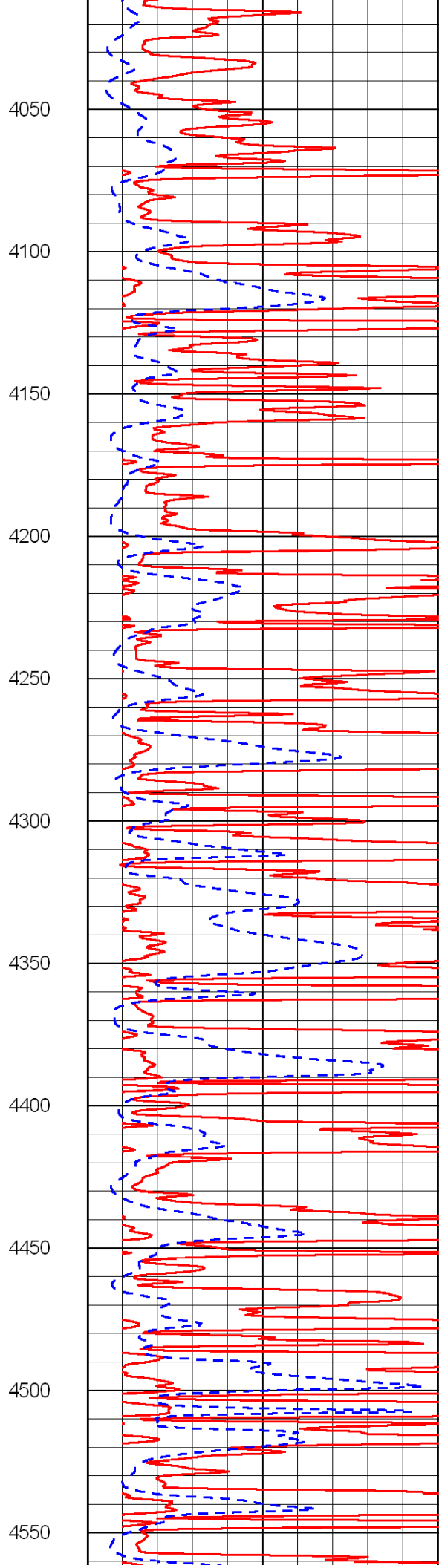
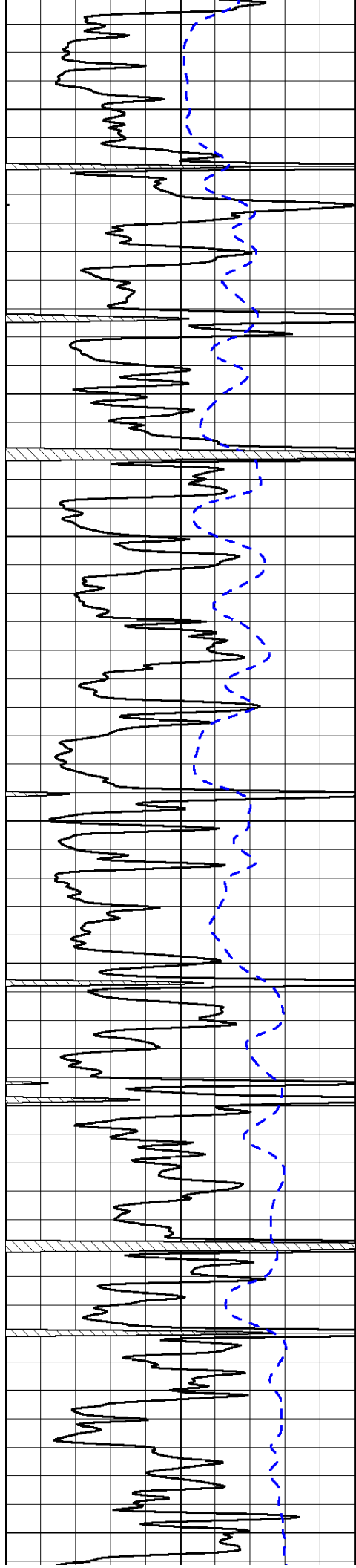


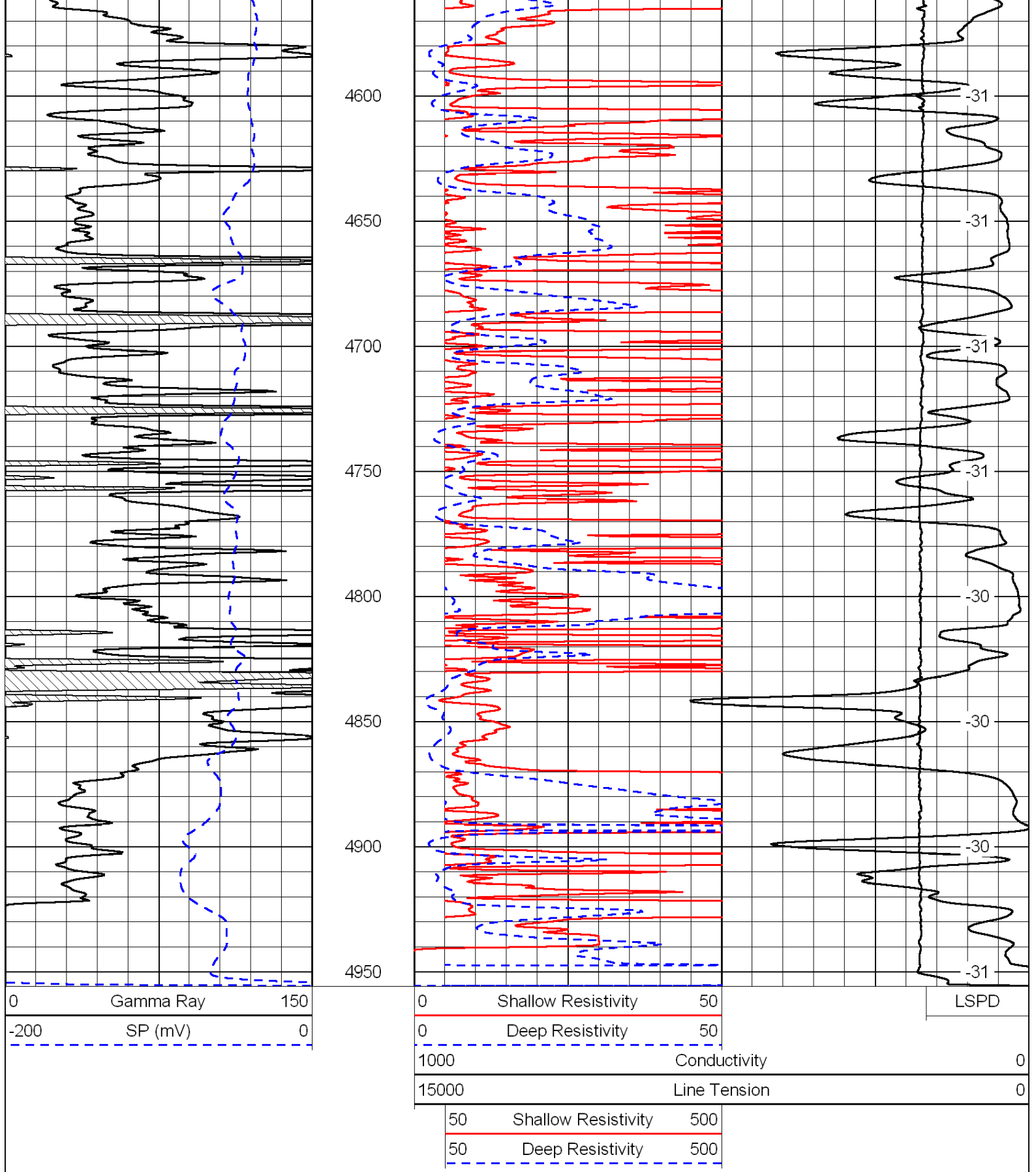




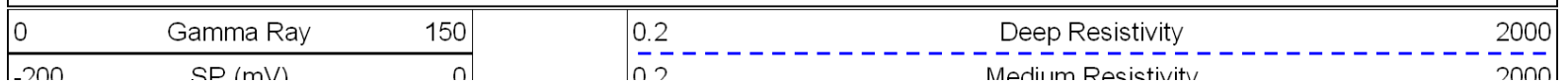








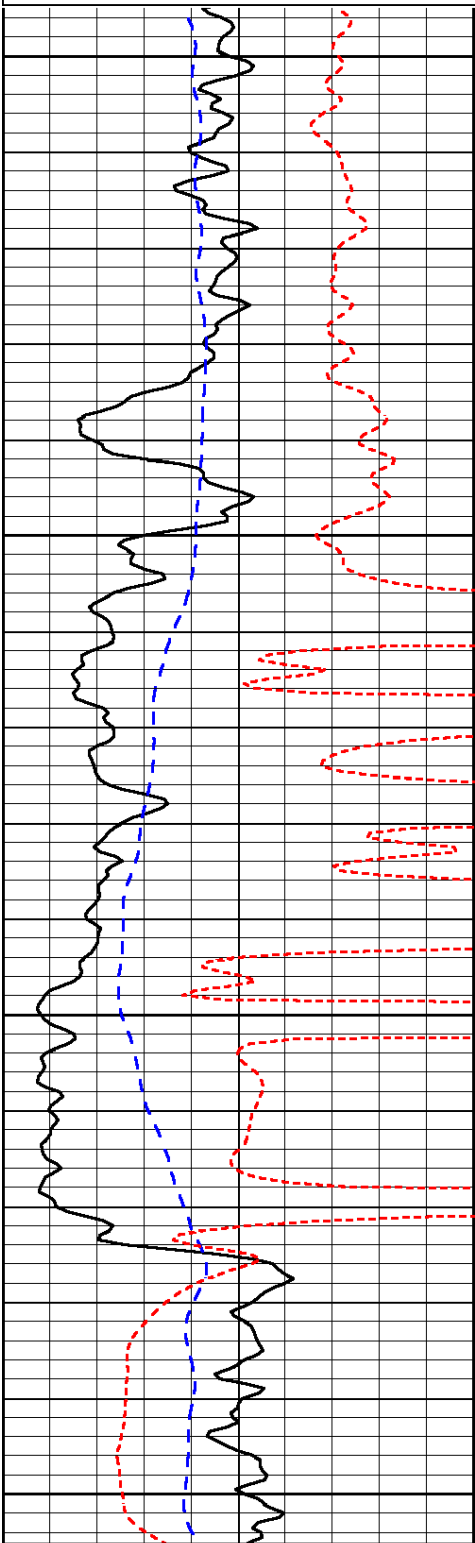
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 Presentation Format: dil
 Dataset Creation: Wed May 11 06:50:40 2011
 Charted by: Depth in Feet scaled 1:240



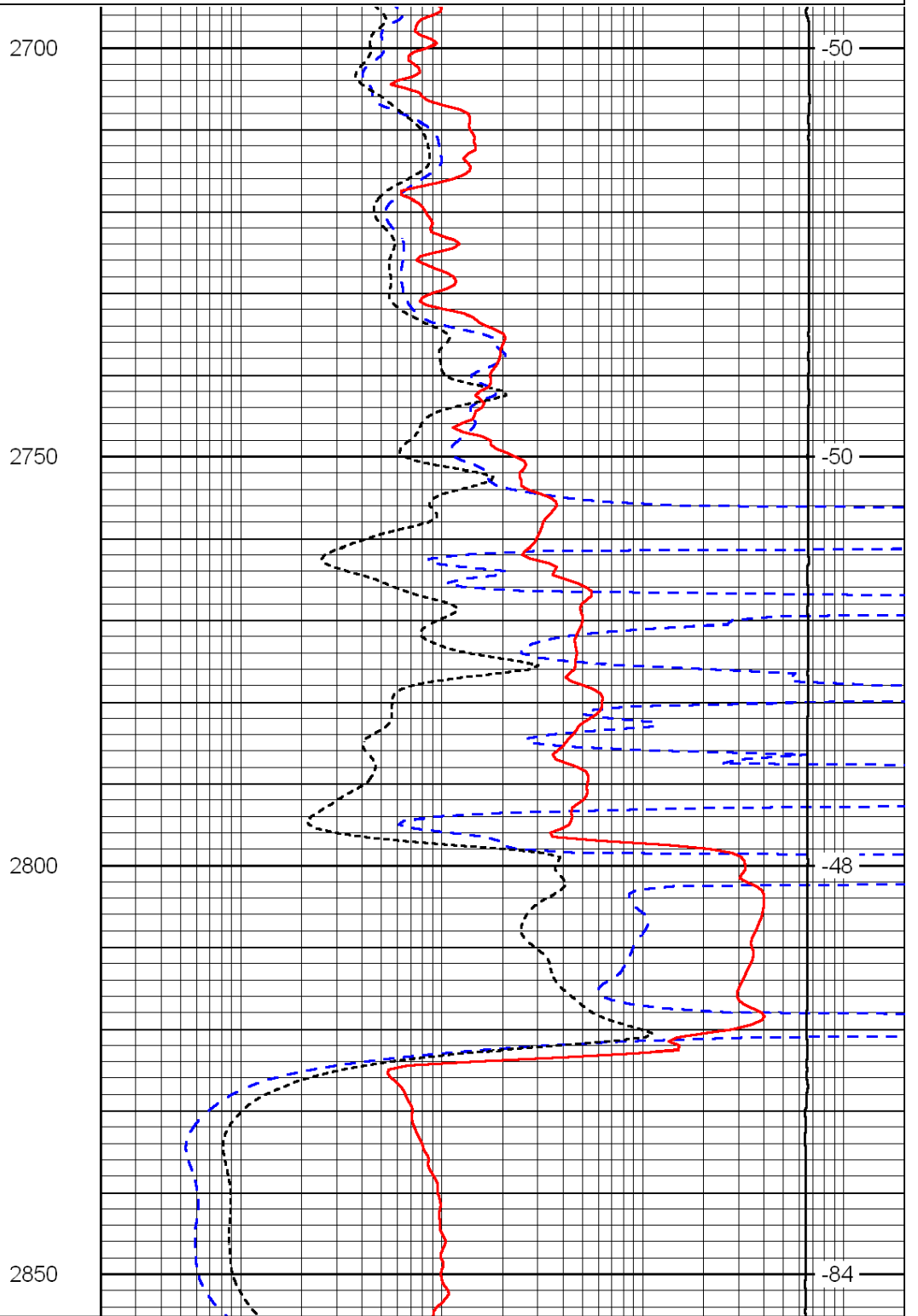
200 0.2 SP (mV) 0
 -160 Rxo / Rt 40

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

LSPD



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



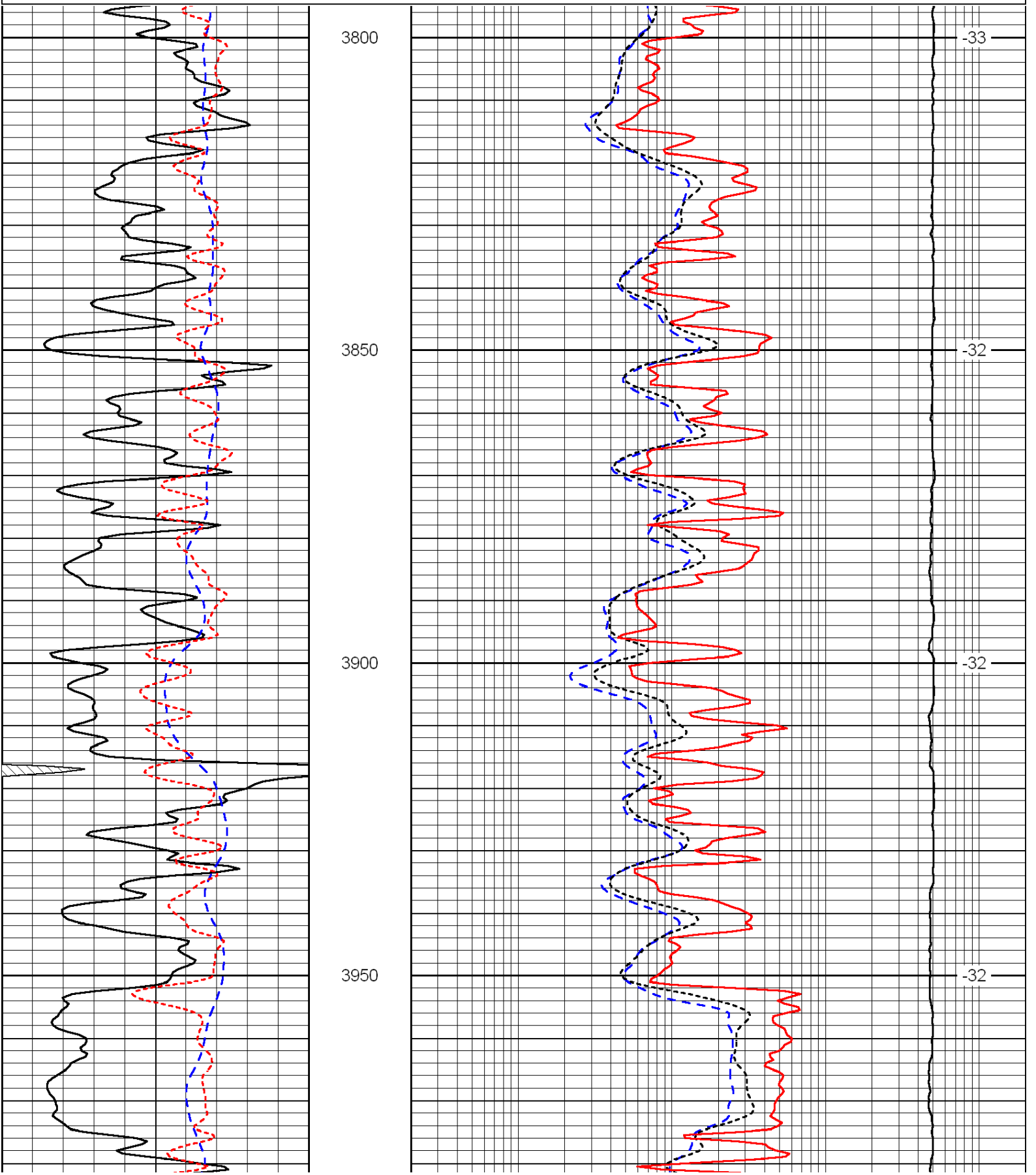
0.2 Deep Resistivity 2000
 0.2 Medium Resistivity 2000
 0.2 Shallow Resistivity 2000
 15000 Line Tension 0

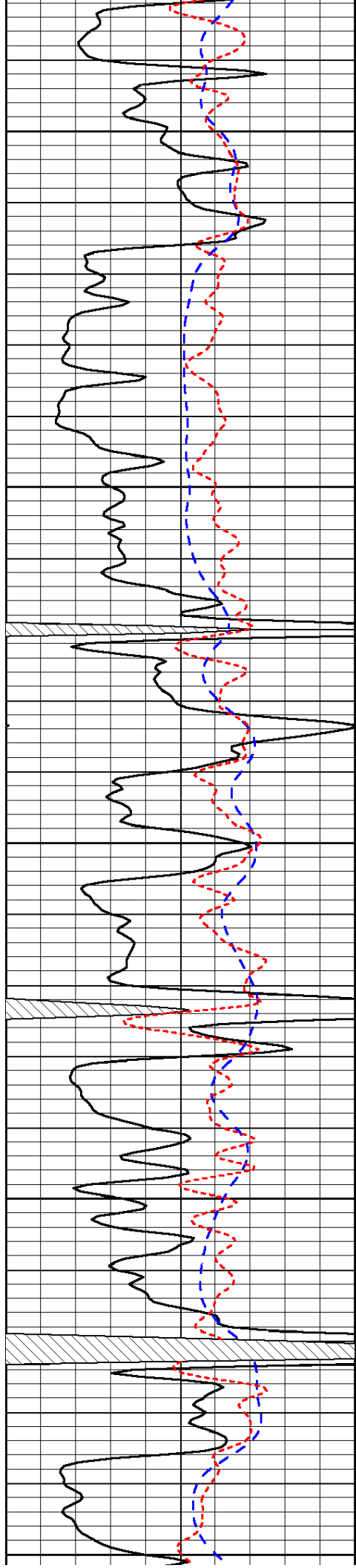
LSPD

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





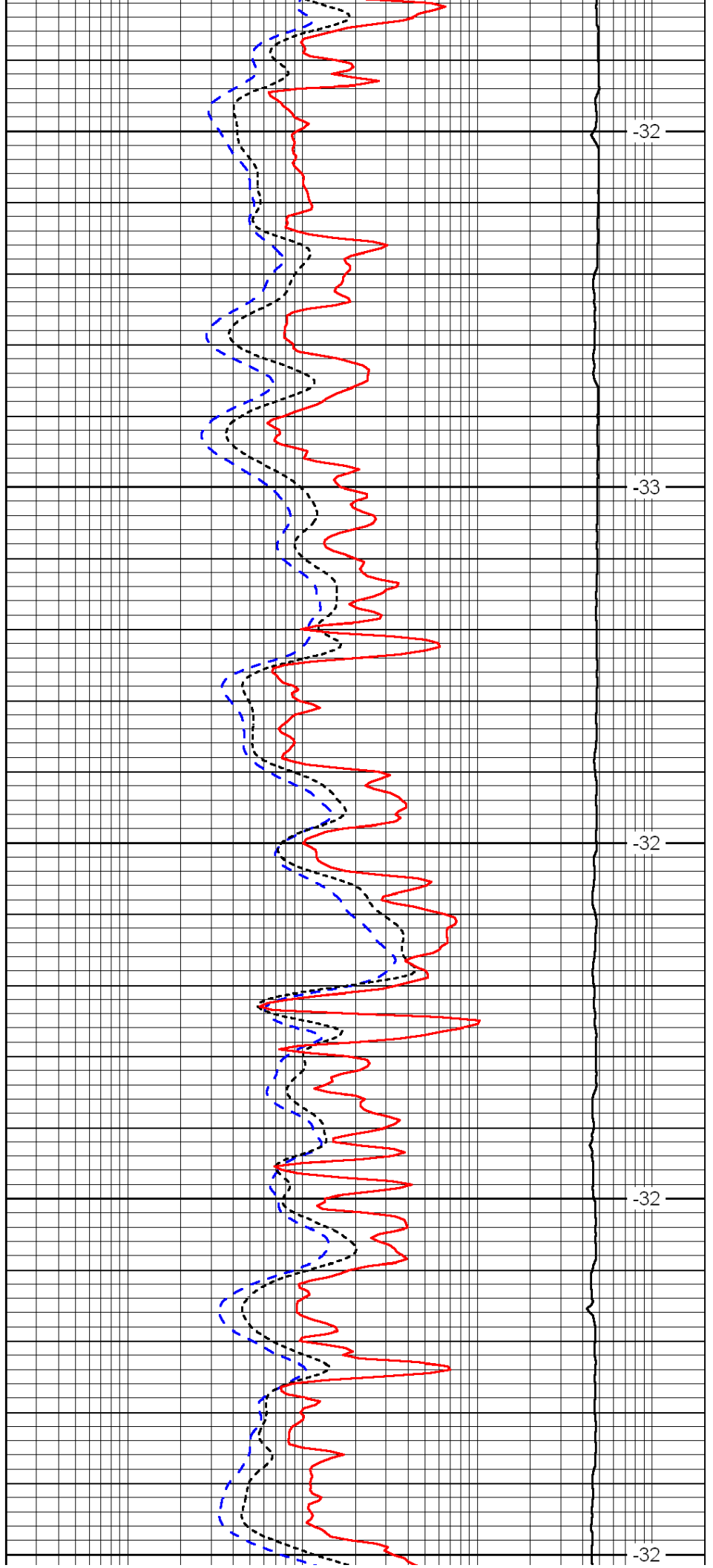
4000

4050

4100

4150

4200



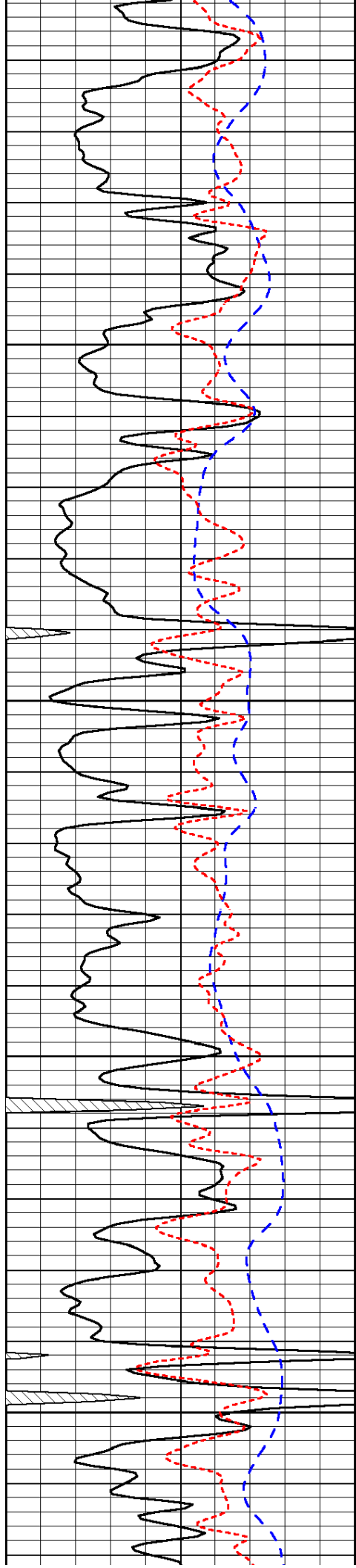
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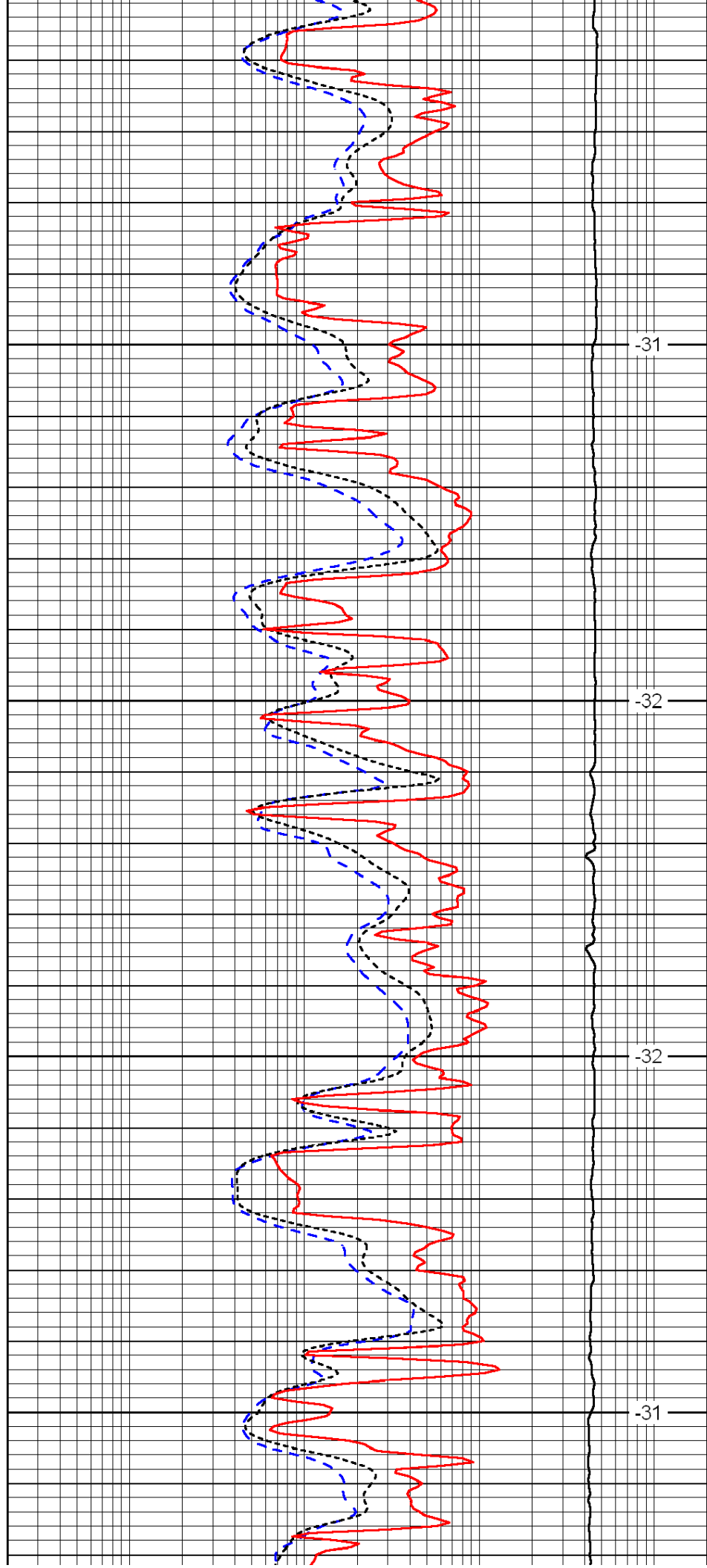


4250

4300

4350

4400

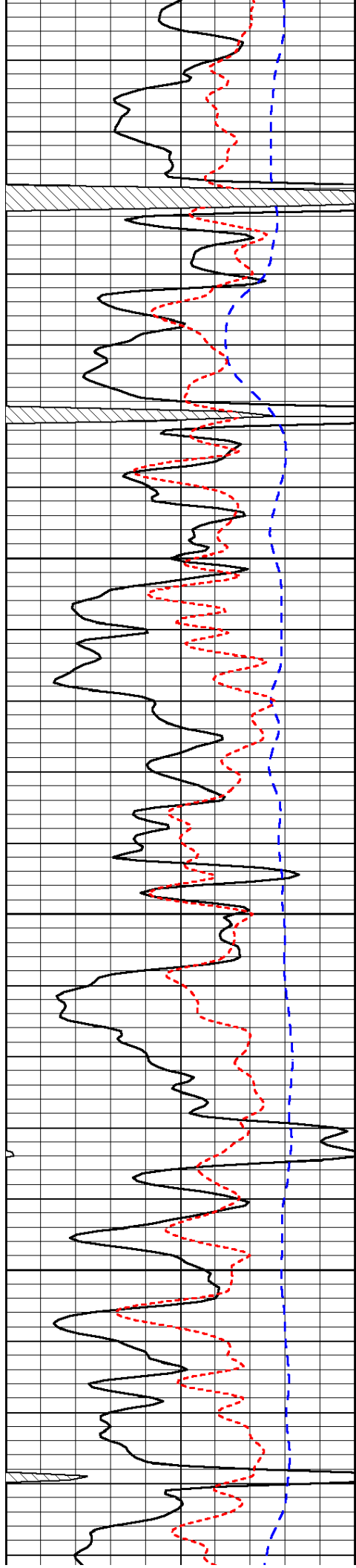


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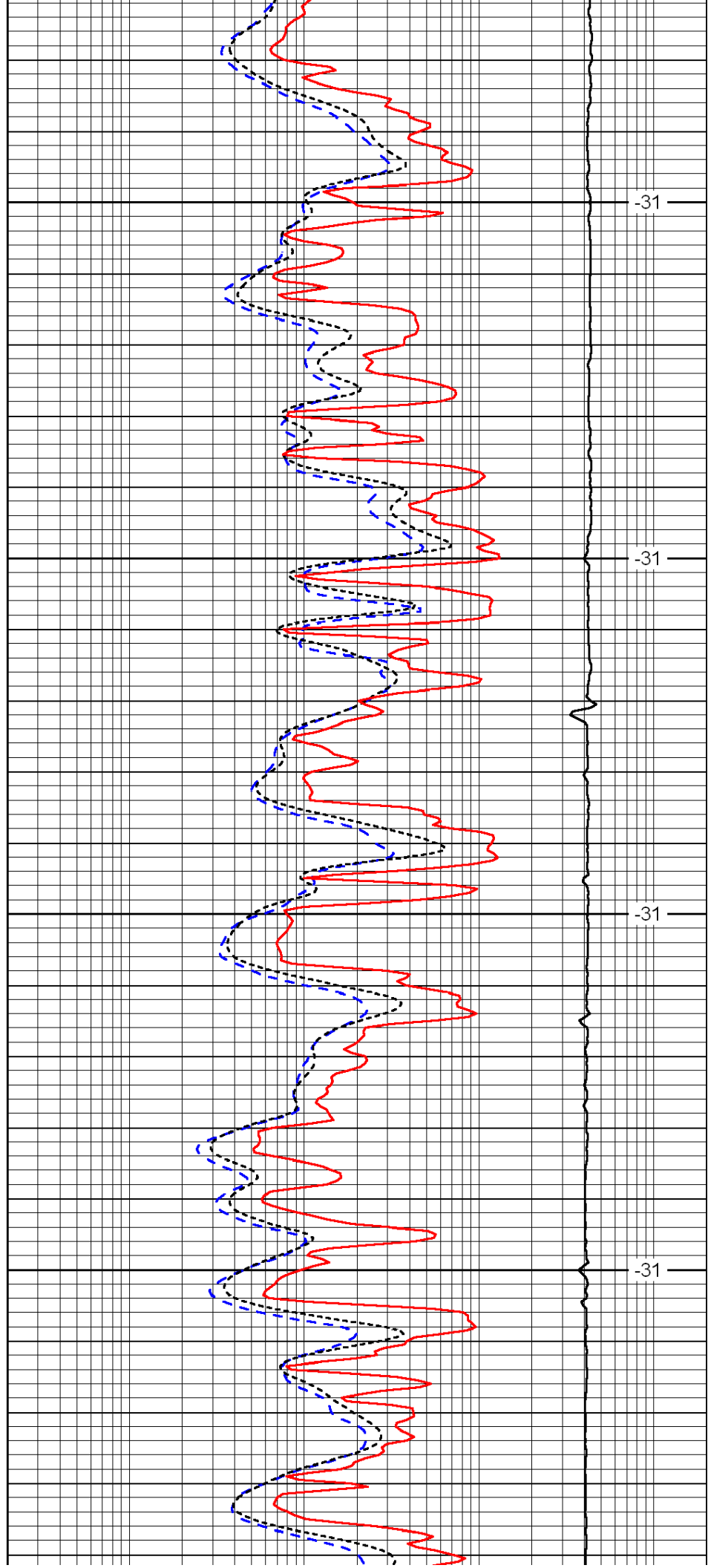


4450

4500

4550

4600

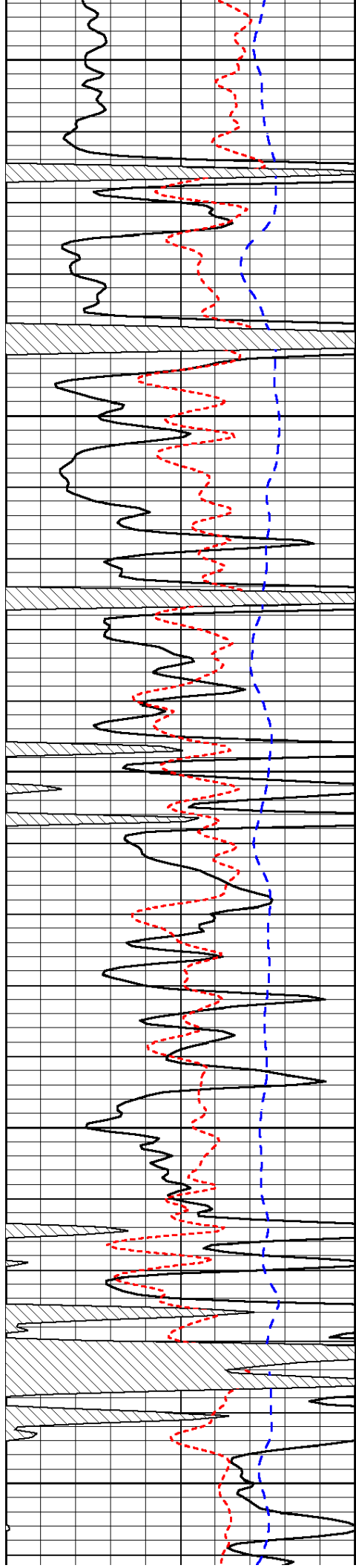


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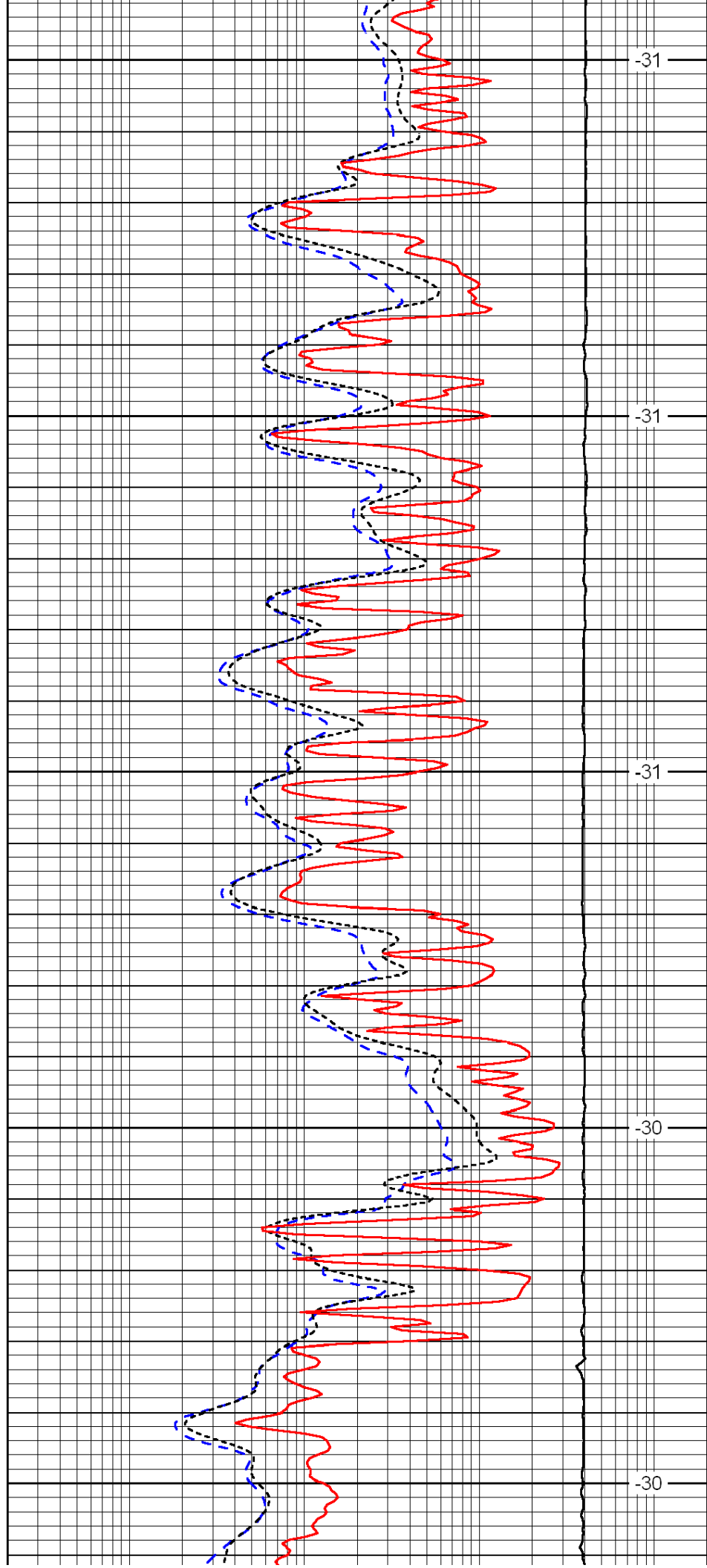
4650

4700

4750

4800

4850



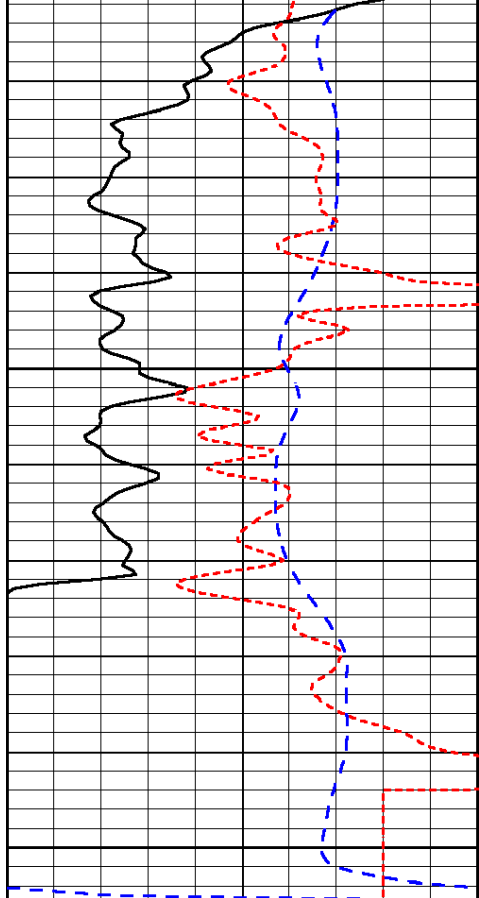
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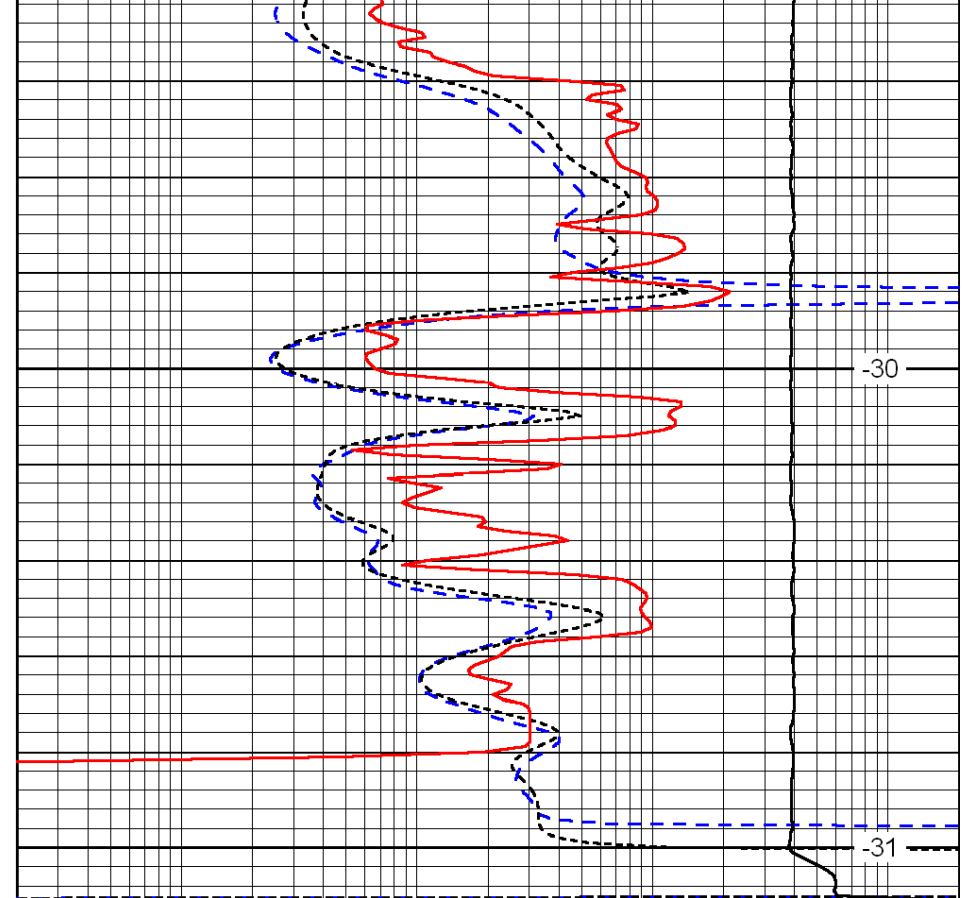
-30



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

4900

4950



-30

-31

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

LSPD



Dual Compensated Porosity Log

DIGITAL LOG (785) 625-3858

API No. 15-193-20,795-00-00

Company: **Norstar Petroleum, Inc.**
 Well: **Karlin No.1-35**
 Field: **Wildcat**
 County: **Thomas** State: **Kansas**

Location: **SE SE SW NE
2581' FNL & 1407' FEL**

Sec: 35 Twp: 10S Rge: 35W

Other Services: **DIL MEL**

Permanent Datum: **Ground Level** Elevation: **3306**
 Log Measured From: **Kelly Bushing** 5 Ft. Above Perm. Datum
 Drilling Measured From: **Kelly Bushing**

K.B. 3311
 D.F. G.L. 3306

Date: 5/11/2011

Run Number: One

Type Log: CNL / CDL

Depth Driller: 4950

Depth Logger: 4950

Bottom Logged Interval: 4929

Top Logged Interval: 3800

Type Fluid In Hole: Chemical

Salinity, PPM CL: 8,200

Density: 9.4

Level: Full

Max. Rec. Temp. F: 128

Operating Rig Time: 4 1/2 Hours

Equipment -- Location: 17 Hays

Recorded By: C. Desaire

Witnessed By: Brad Rine

Borehole Record				Casing Record			
Run No.	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	260	8.625	24#	00	260
2	7.875	260	4950				

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Comments

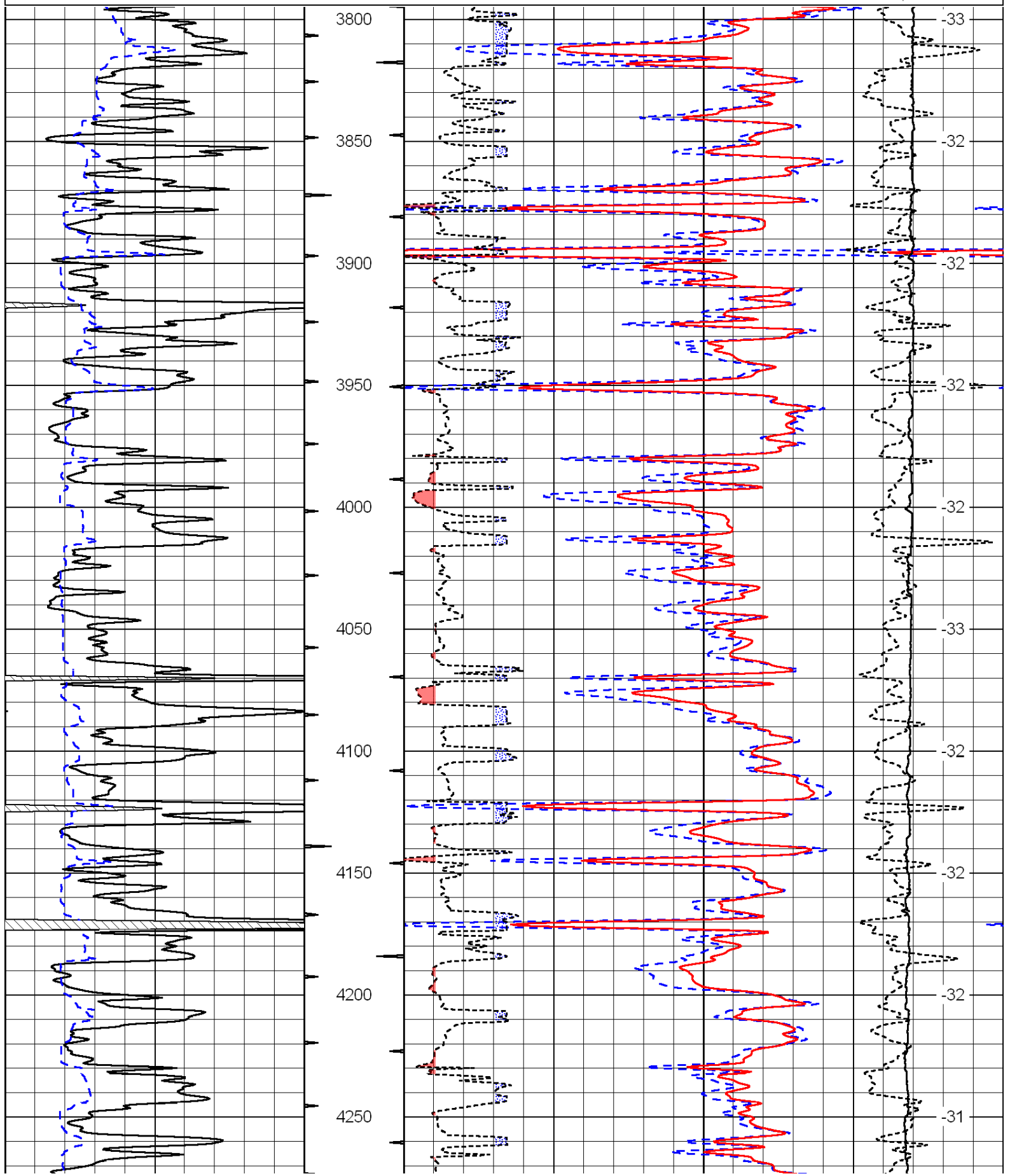
Thank you for using Log-Tech, Inc.
 (785) 625-3858

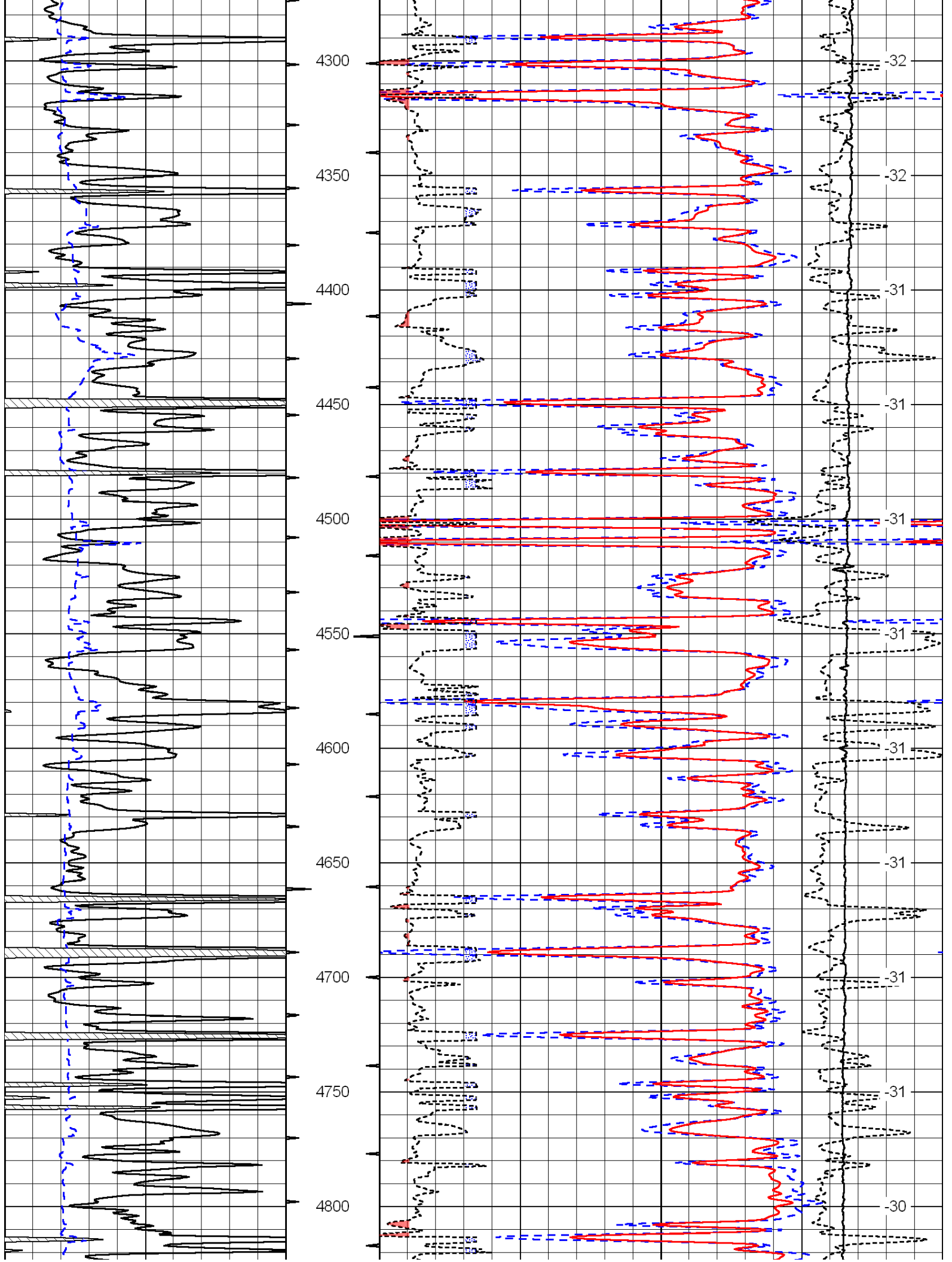
Winona KS,
 5 N to Curve, 2 E, 1/4 N, W Into

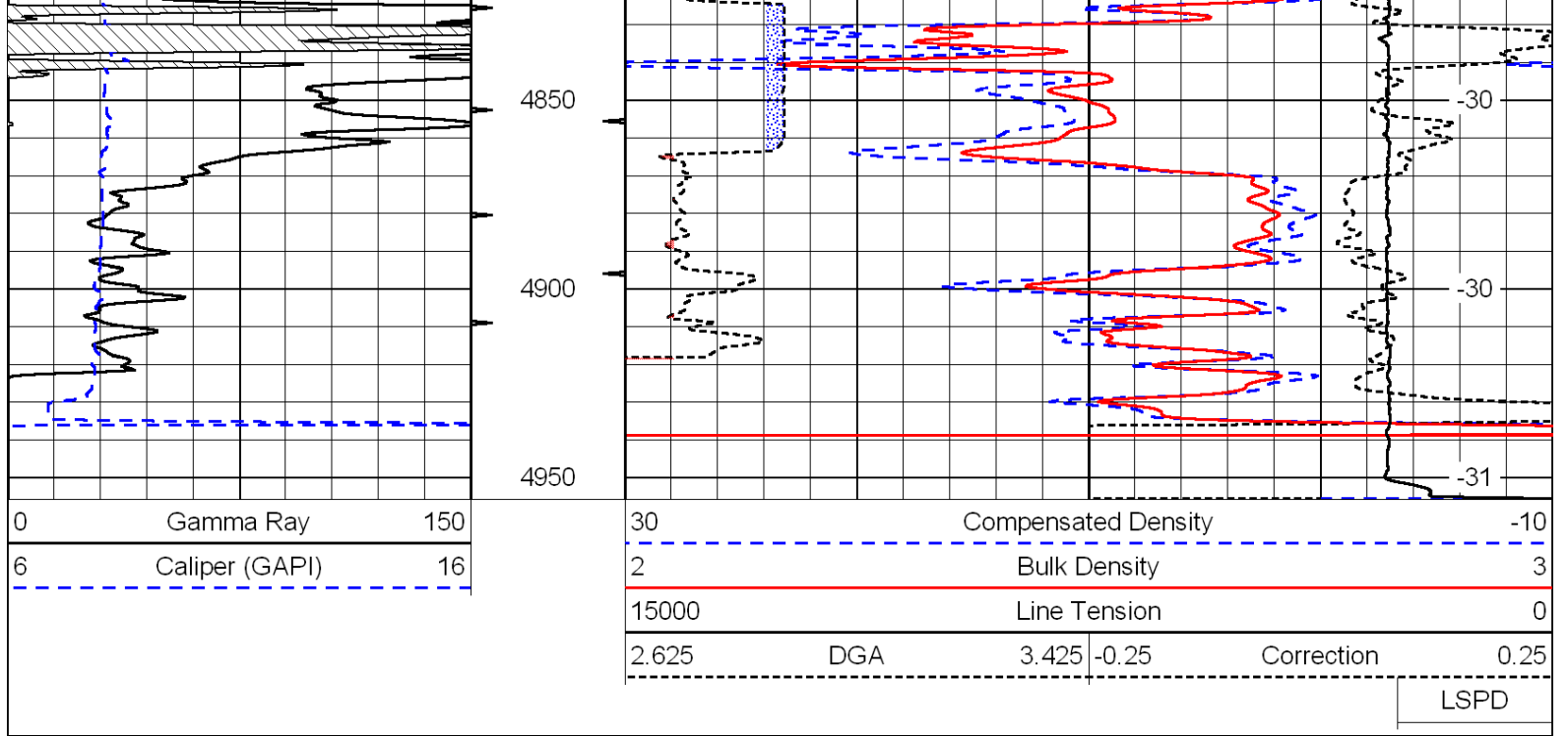
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 Dataset Pathname: dil/starstk
 Presentation Format: cdl
 Dataset Creation: Wed May 11 06:50:40 2011
 Charted by: Depth in Feet scaled 1:600

0	Gamma Ray	150
6	Caliper (GAPI)	16

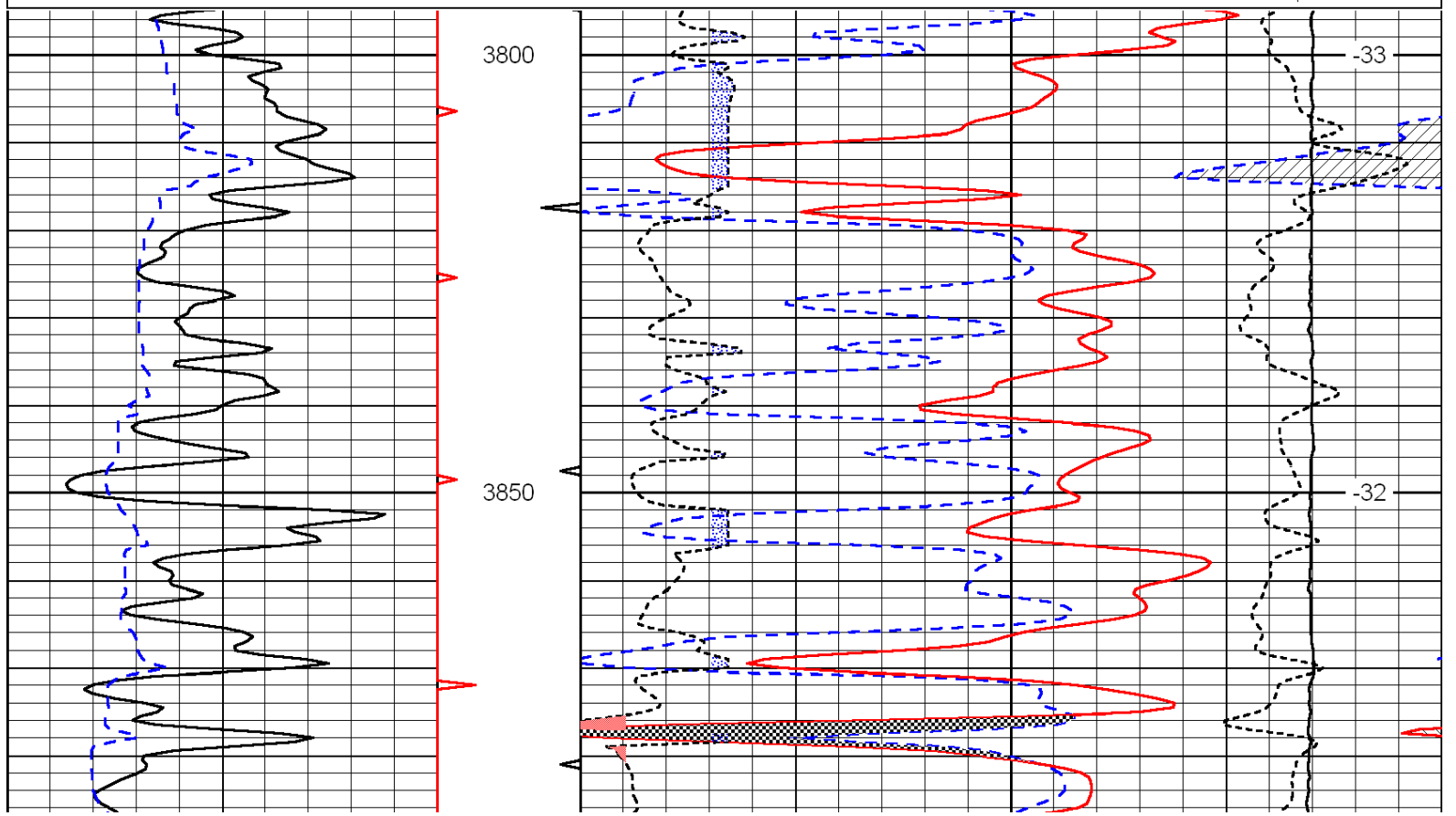
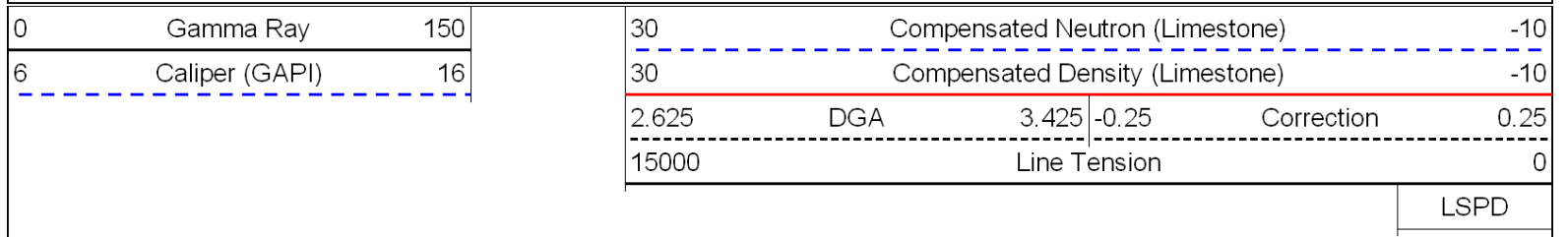
30	Compensated Density		-10
2	Bulk Density		3
15000	Line Tension		0
2.625	DGA	3.425	-0.25
			Correction
			0.25
LSPD			

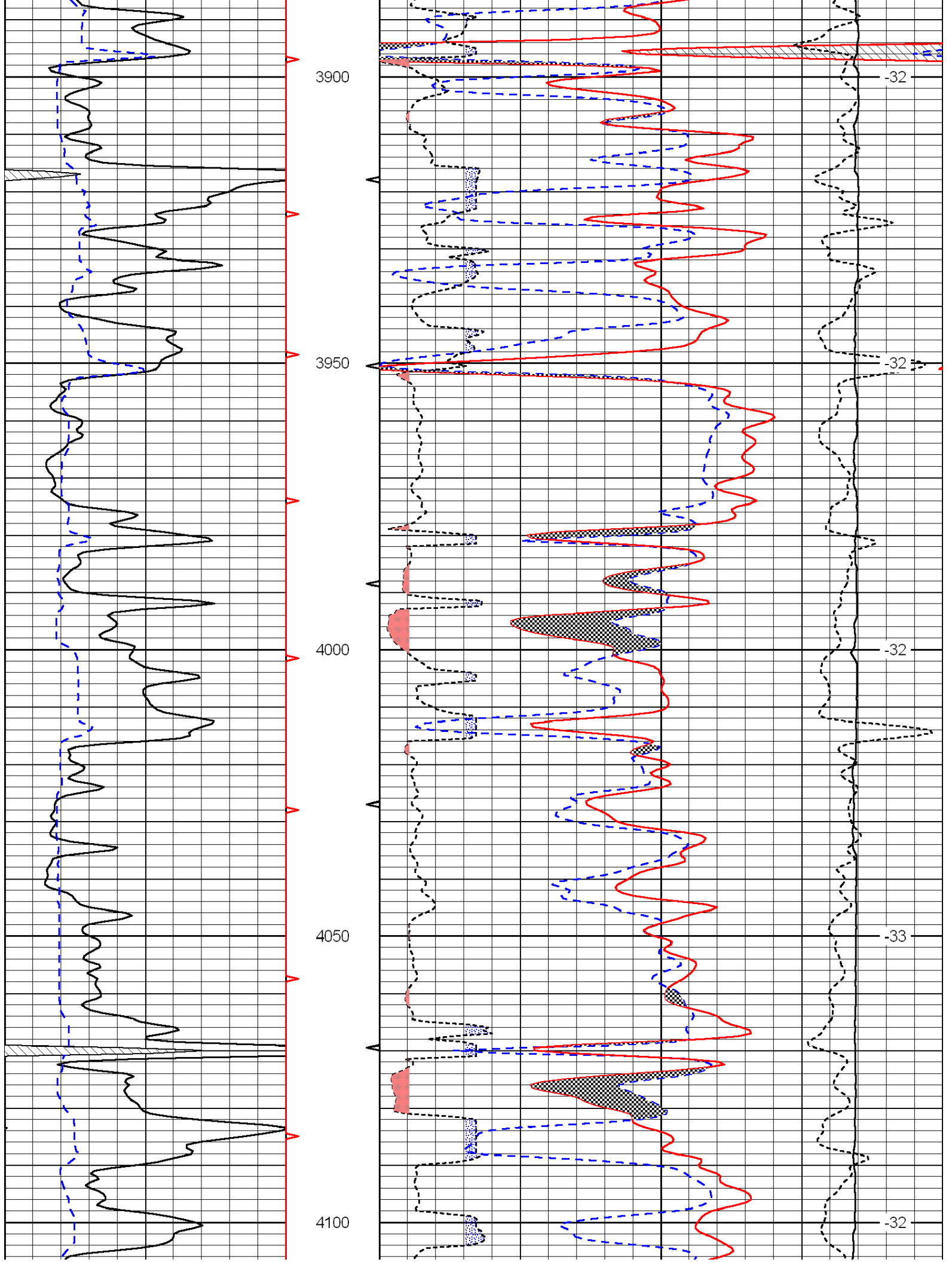


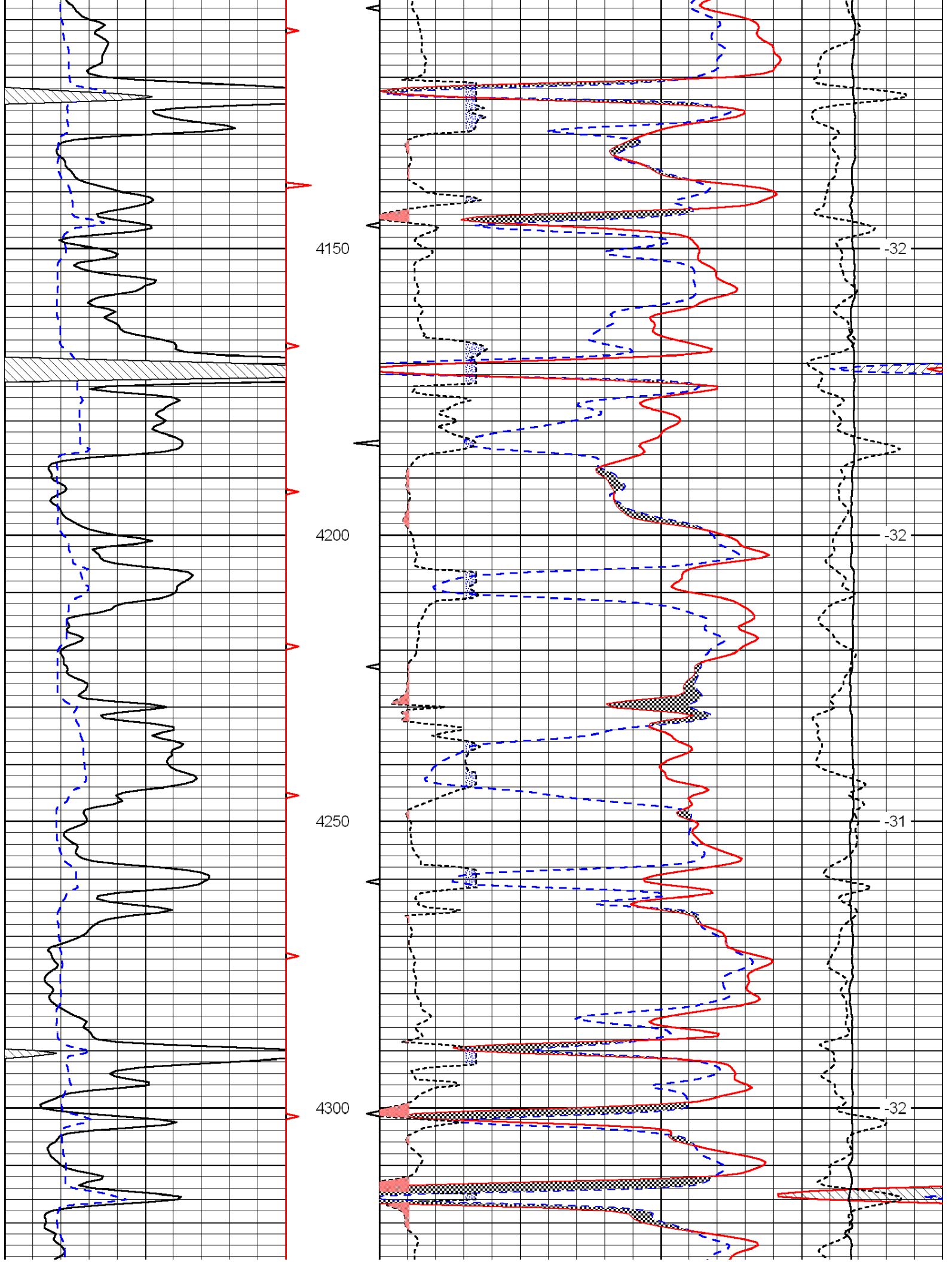


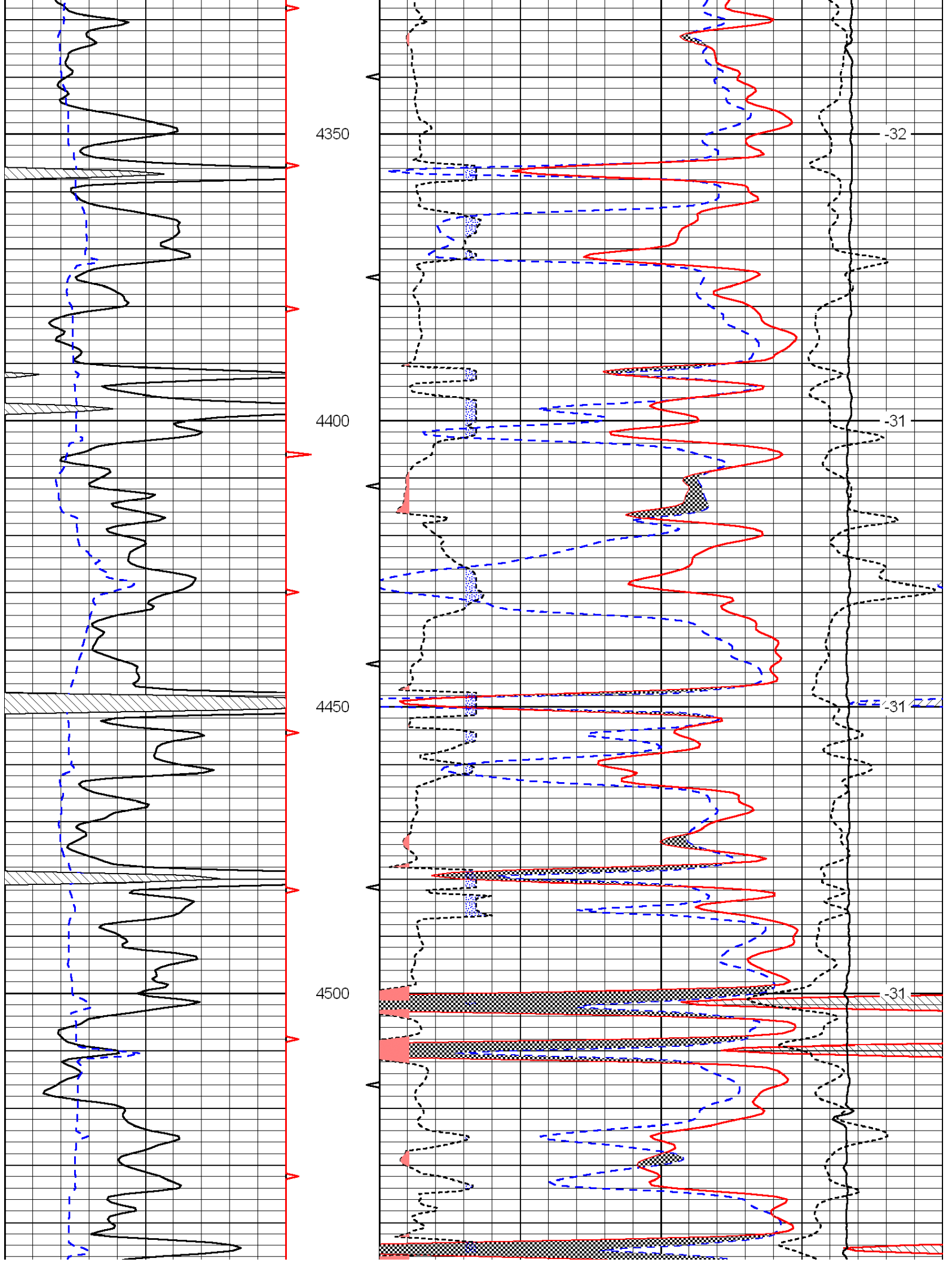


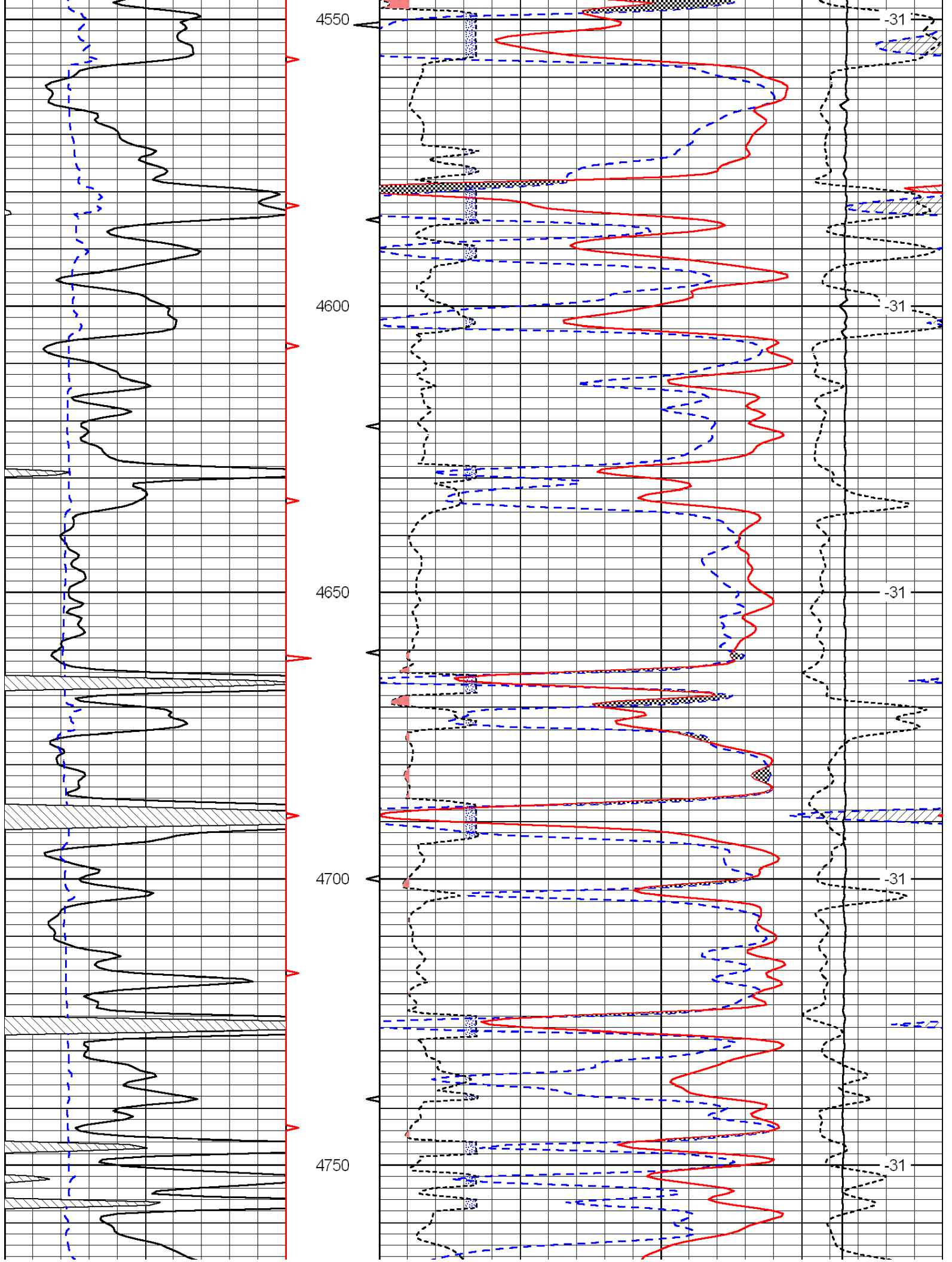
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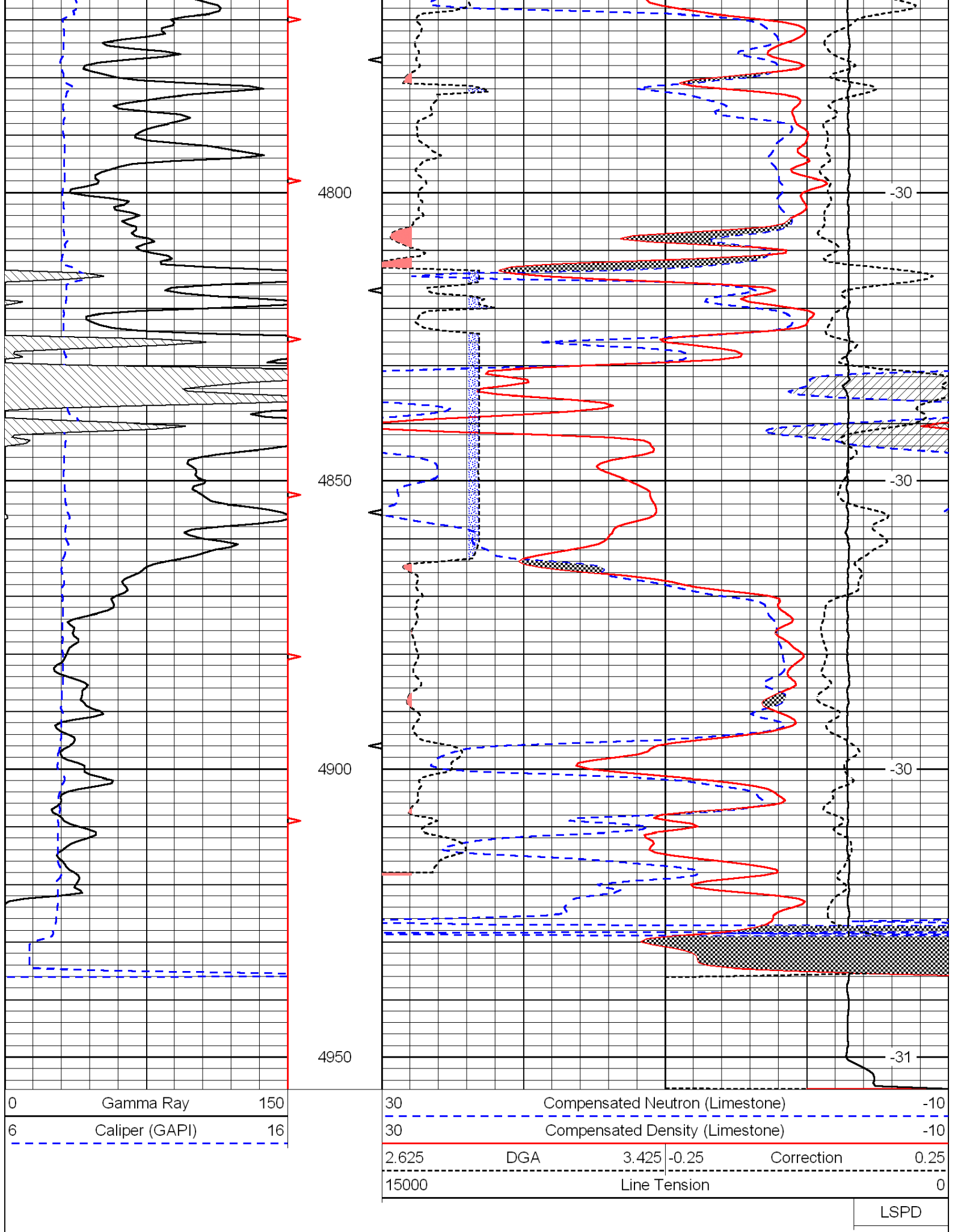














Microresistivity Log

DIGITAL LOG (785) 625-3858

API No. 15-193-20,795-00-00	Company Norstar Petroleum, Inc.	Well Karlin No.1-35	Location SE SE SW NE 2581' FNL & 1407' FEL
	Field Wildcat	County Thomas	State Kansas
	Sec: 35	Twp: 10S	Rge: 35W
Permanent Datum Log Measured From Drilling Measured From	Ground Level Kelly Bushing From Kelly Bushing	Elevation 3306 5 Ft. Above Perm. Datum	Other Services CNL/CDL DIL
Date	Elevation K.B. 3311 D.F. 3306 G.L. 3306		

Run Number	Two
Depth Driller	4950
Depth Logger	4950
Bottom Logged Interval	4949
Top Log Interval	3800
Casing Driller	8.625 @ 260
Casing Logger	261
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity, ppm CL	8,200
Density / Viscosity	9.4 61
pH / Fluid Loss	9.5 9.6
Source of Sample	Flowline
Rm @ Meas. Temp	.26 @ 80
Rmf @ Meas. Temp	.2 @ 80
Rmc @ Meas. Temp	.35 @ 80
Source of Rmf / Rmc	Charts
Rm @ BHT	.16 @ 128
Operating Rig Time	4 1/2 Hours
Max Rec. Temp. F	128
Equipment Number	17
Location	Hays
Recorded By	C. Desaire
Witnessed By	Brad Rine

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Comments

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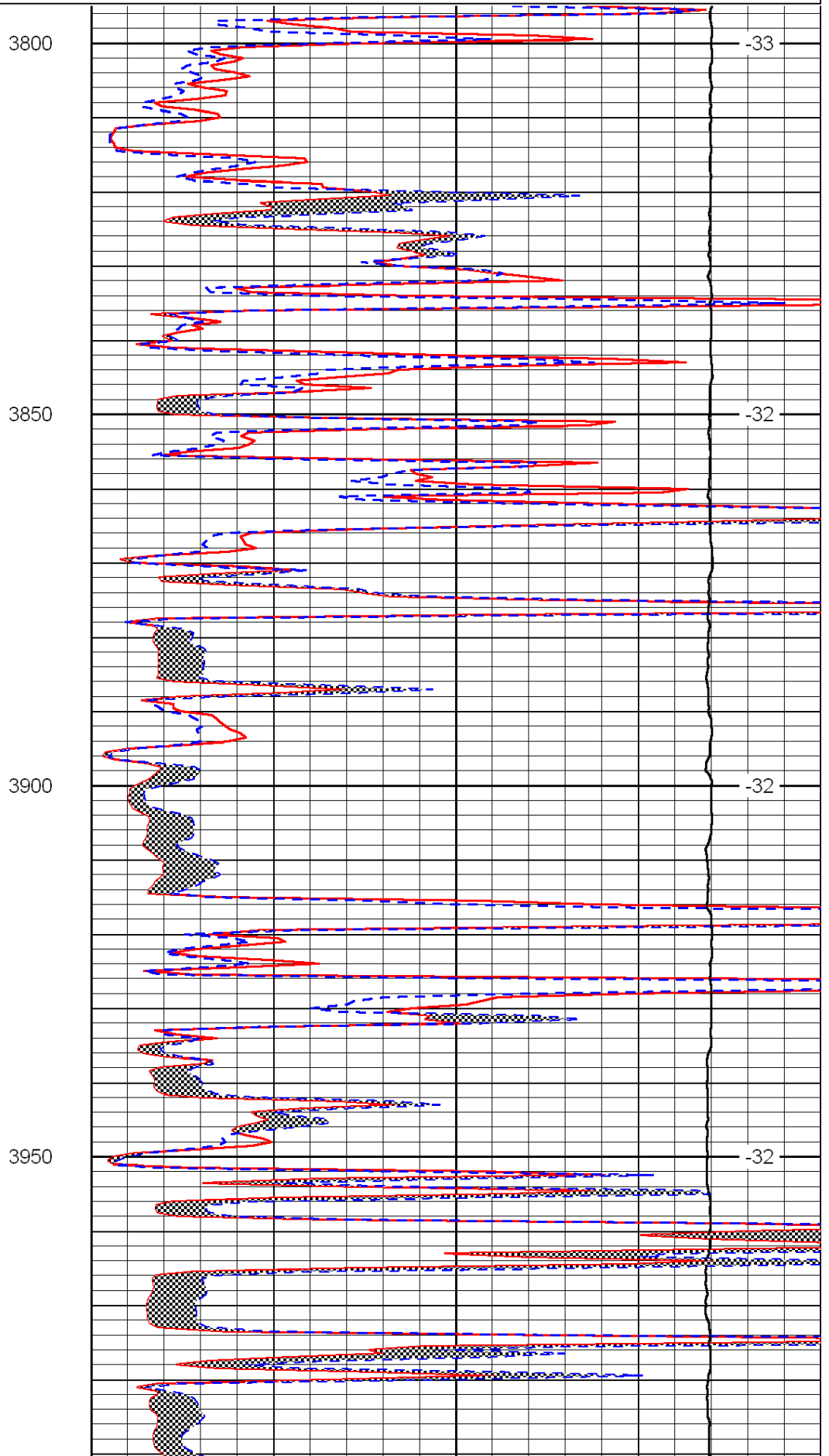
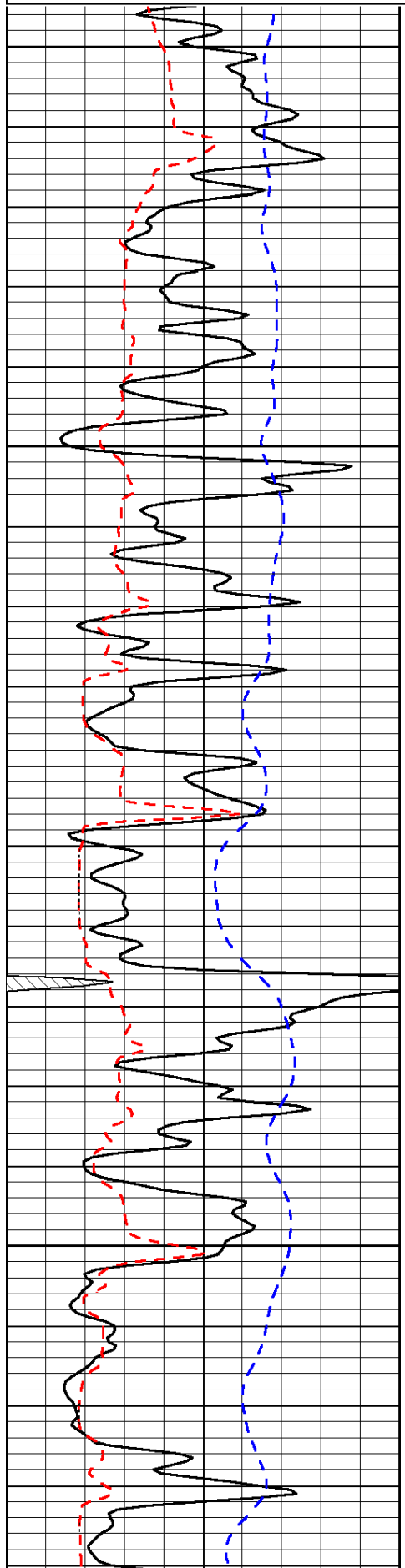
Winona KS,
5 N to Curve, 2 E, 1/4 N, W Into

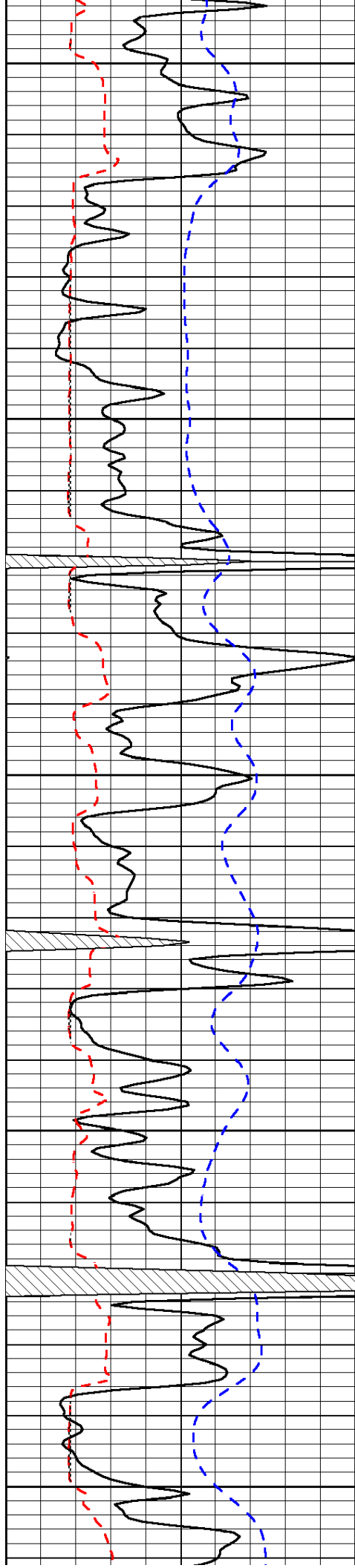
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 Dataset Pathname: dil/starstk
 Presentation Format: micro
 Dataset Creation: Wed May 11 06:50:40 2011
 Charted by: Depth in Feet scaled 1:240

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

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

LSPD





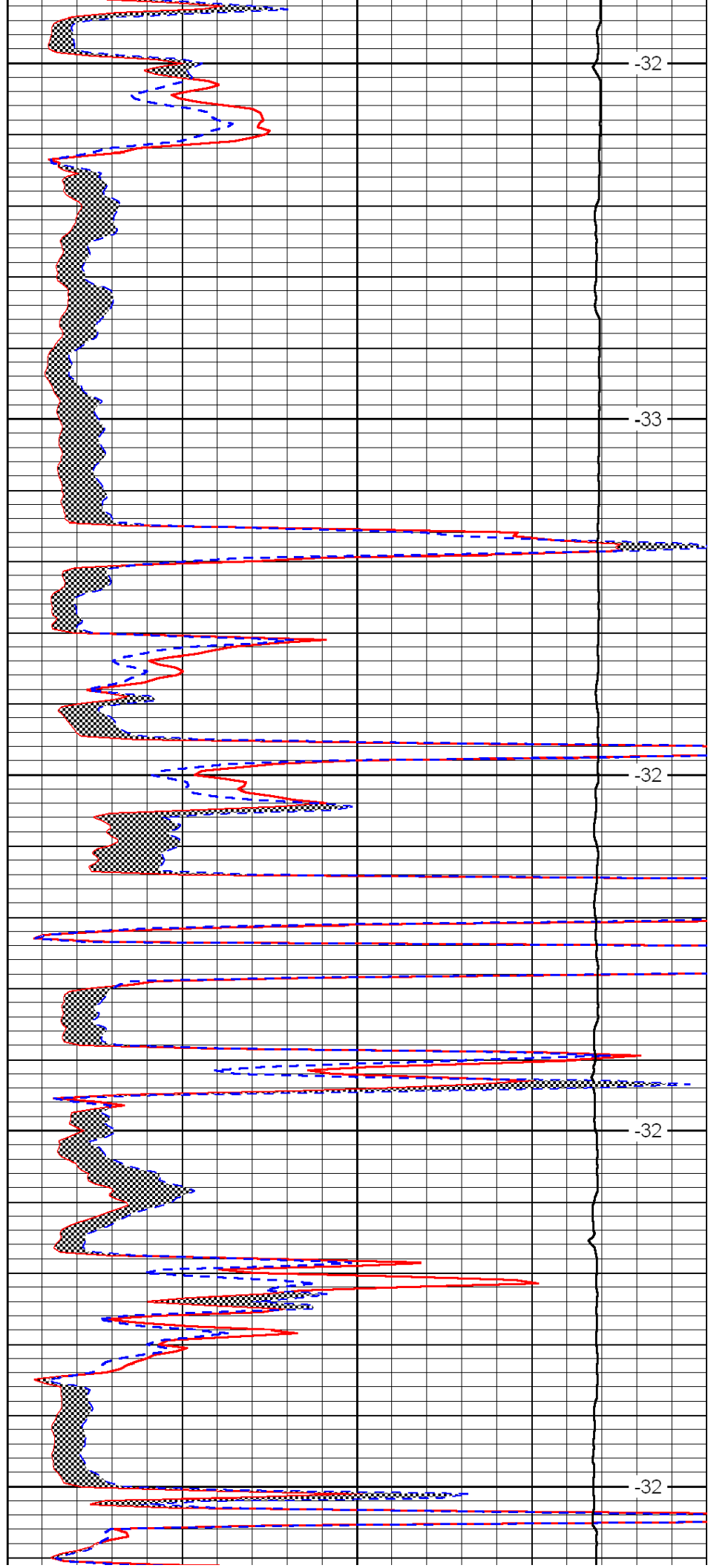
4000

4050

4100

4150

4200



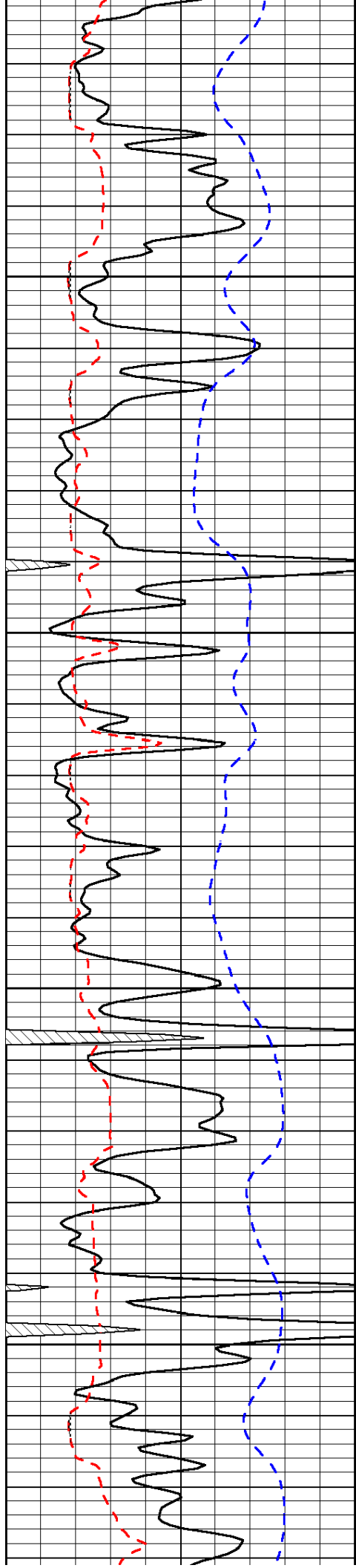
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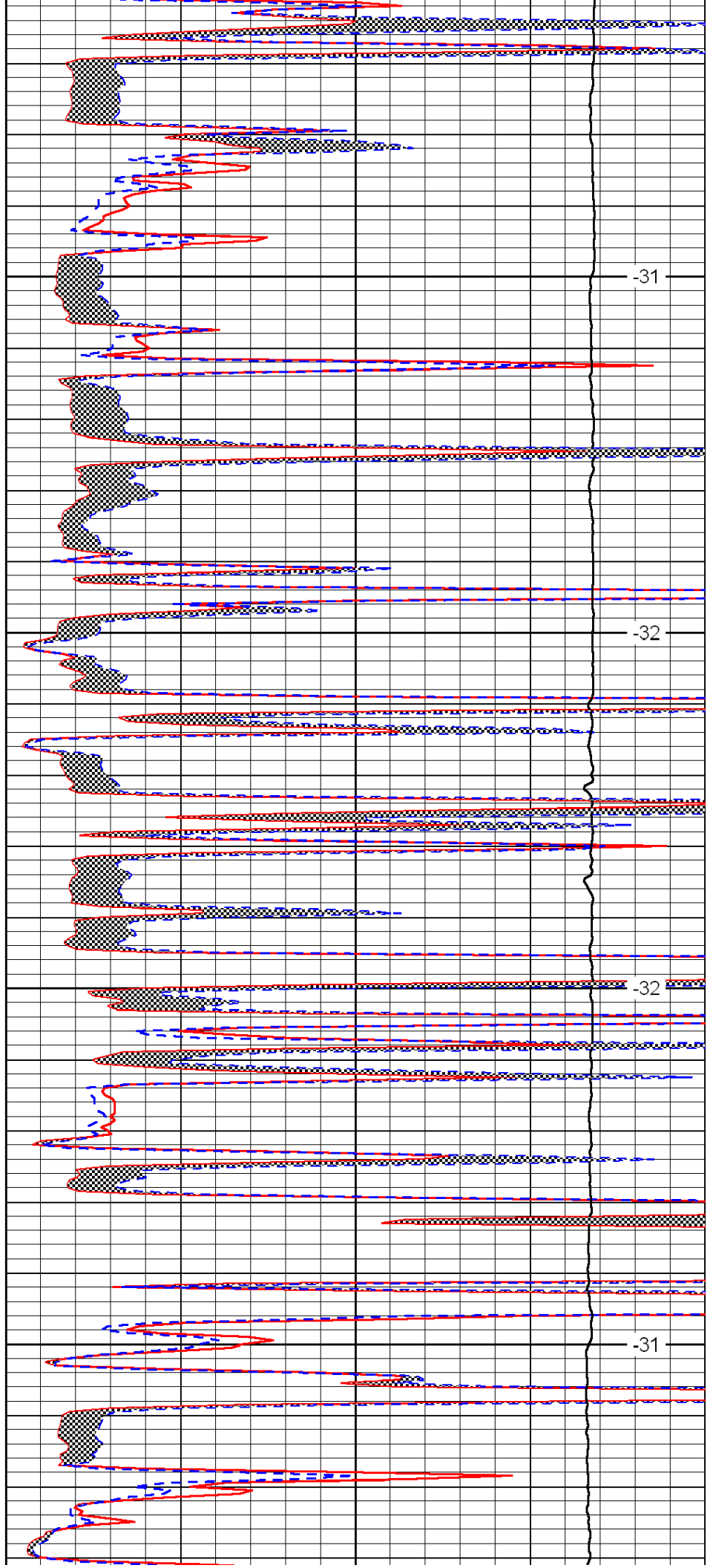


4250

4300

4350

4400

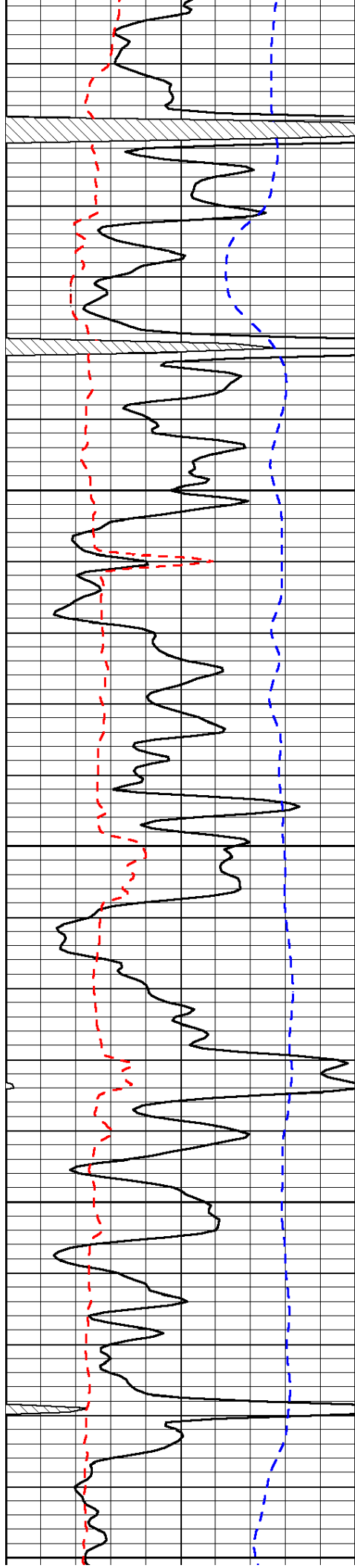


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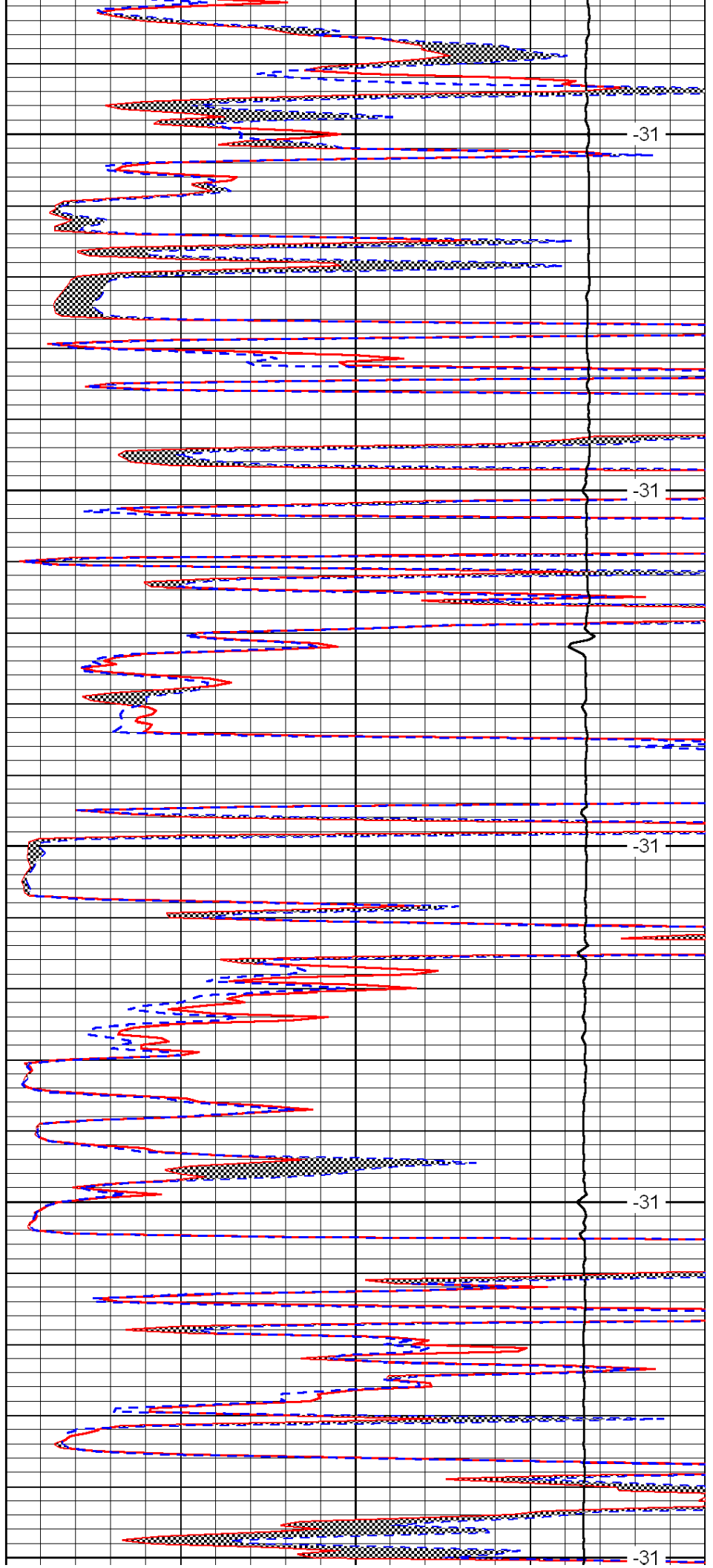
4450

4500

4550

4600

4650



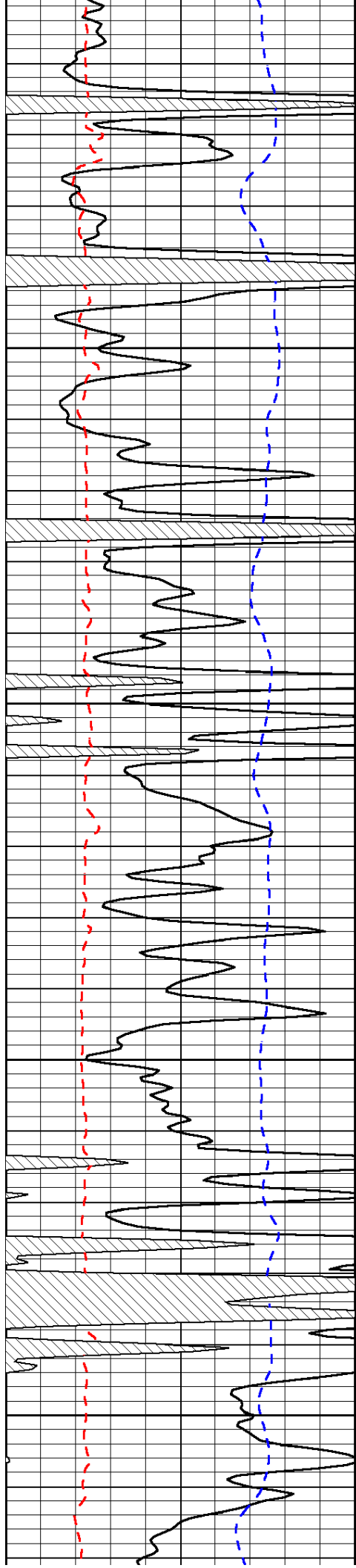
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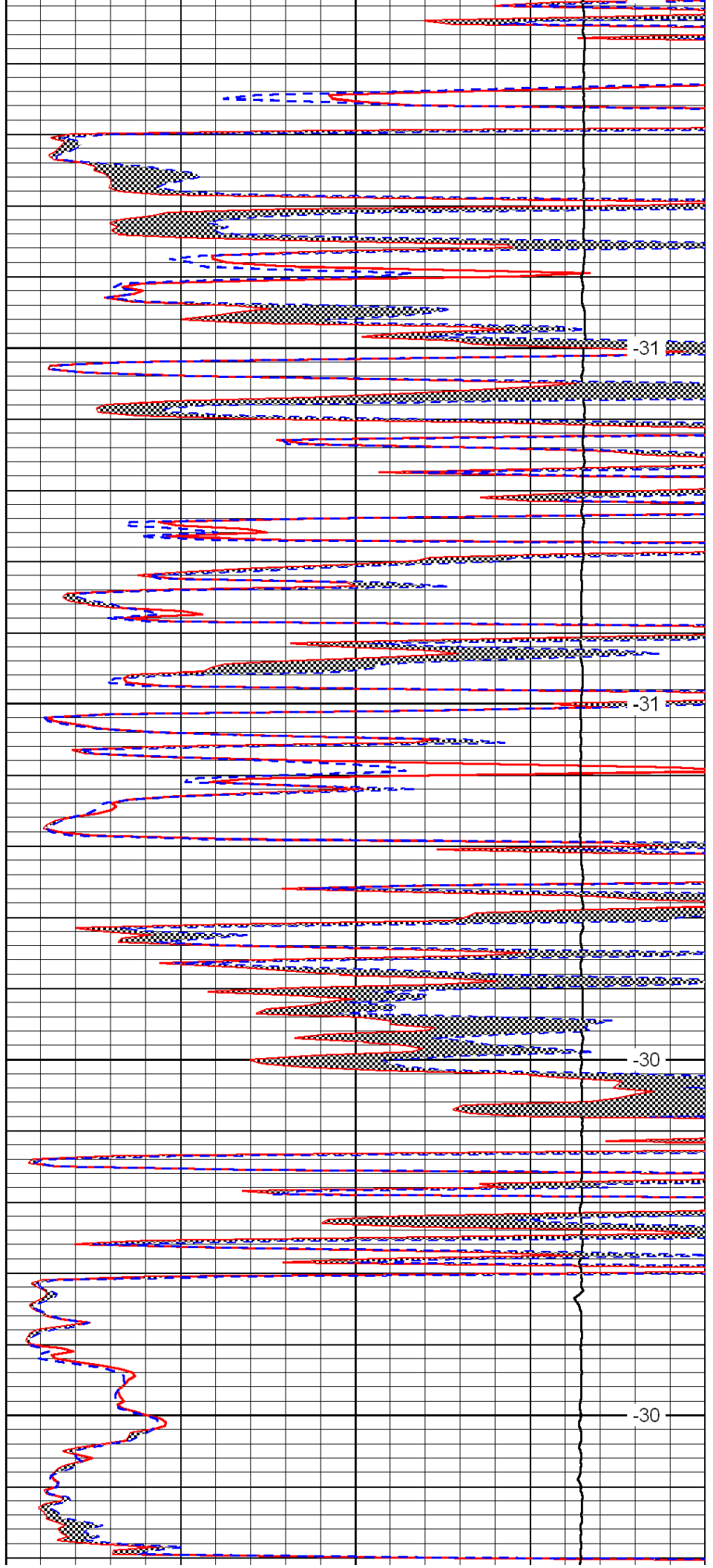


4700

4750

4800

4850

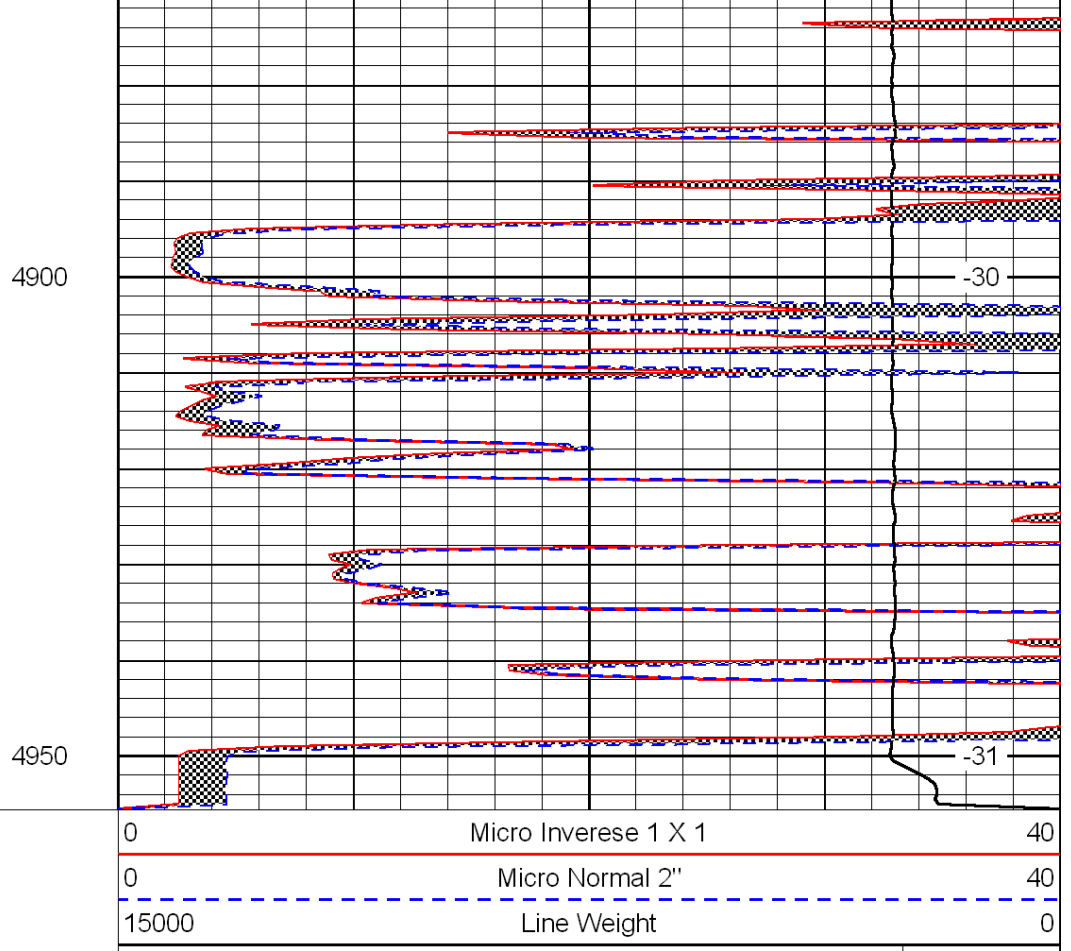
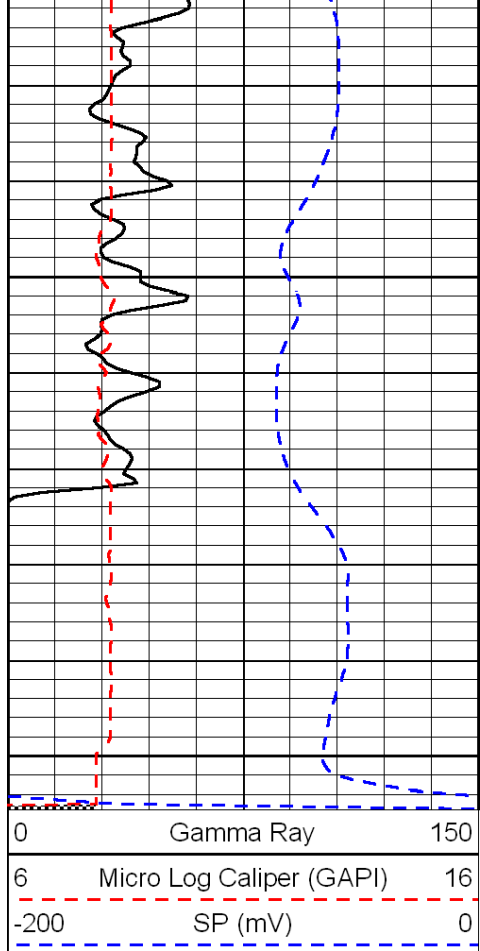


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-31

-30

-30



LSPD



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Norstar Petroleum, Inc.

Karlin #1-35

6855 S. Havana St. STE 250
Centennial CO, 80112

35/10s/35w Thomas Co

Job Ticket: 041214

DST#: 1

ATTN: Brad Rine

Test Start: 2011.05.09 @ 15:50:15

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:28:00

Time Test Ended: 22:30:30

Test Type: Conventional Bottom Hole

Tester: Mike Roberts

Unit No: 48

Interval: 4747.00 ft (KB) To 4810.00 ft (KB) (TVD)

Reference Elevations: 3311.00 ft (KB)

Total Depth: 4810.00 ft (KB) (TVD)

3304.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 7.00 ft

Serial #: 6669 Outside

Press @ Run Depth: 57.23 psig @ 4805.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.05.09

End Date: 2011.05.09

Last Calib.: 2011.05.09

Start Time: 15:50:15

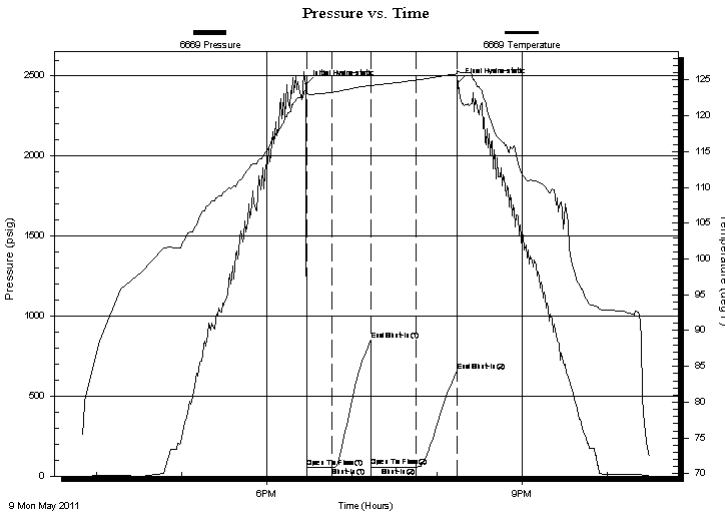
End Time: 22:30:30

Time On Btm: 2011.05.09 @ 18:27:45

Time Off Btm: 2011.05.09 @ 20:15:00

TEST COMMENT: IF: Built to 1/8" blow
IS: No return blow
FF: No blow
FS: No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2449.22	123.59	Initial Hydro-static
1	55.43	123.19	Open To Flow (1)
18	55.76	123.25	Shut-In(1)
46	853.04	124.27	End Shut-In(1)
46	58.15	124.07	Open To Flow (2)
78	57.23	124.96	Shut-In(2)
107	656.70	125.84	End Shut-In(2)
108	2460.85	126.14	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	m	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Norstar Petroleum, Inc.

Karlin #1-35

6855 S. Havana St. STE 250
Centennial CO, 80112

35/10s/35w Thomas Co

Job Ticket: 041214

DST#: 1

ATTN: Brad Rine

Test Start: 2011.05.09 @ 15:50:15

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 8000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

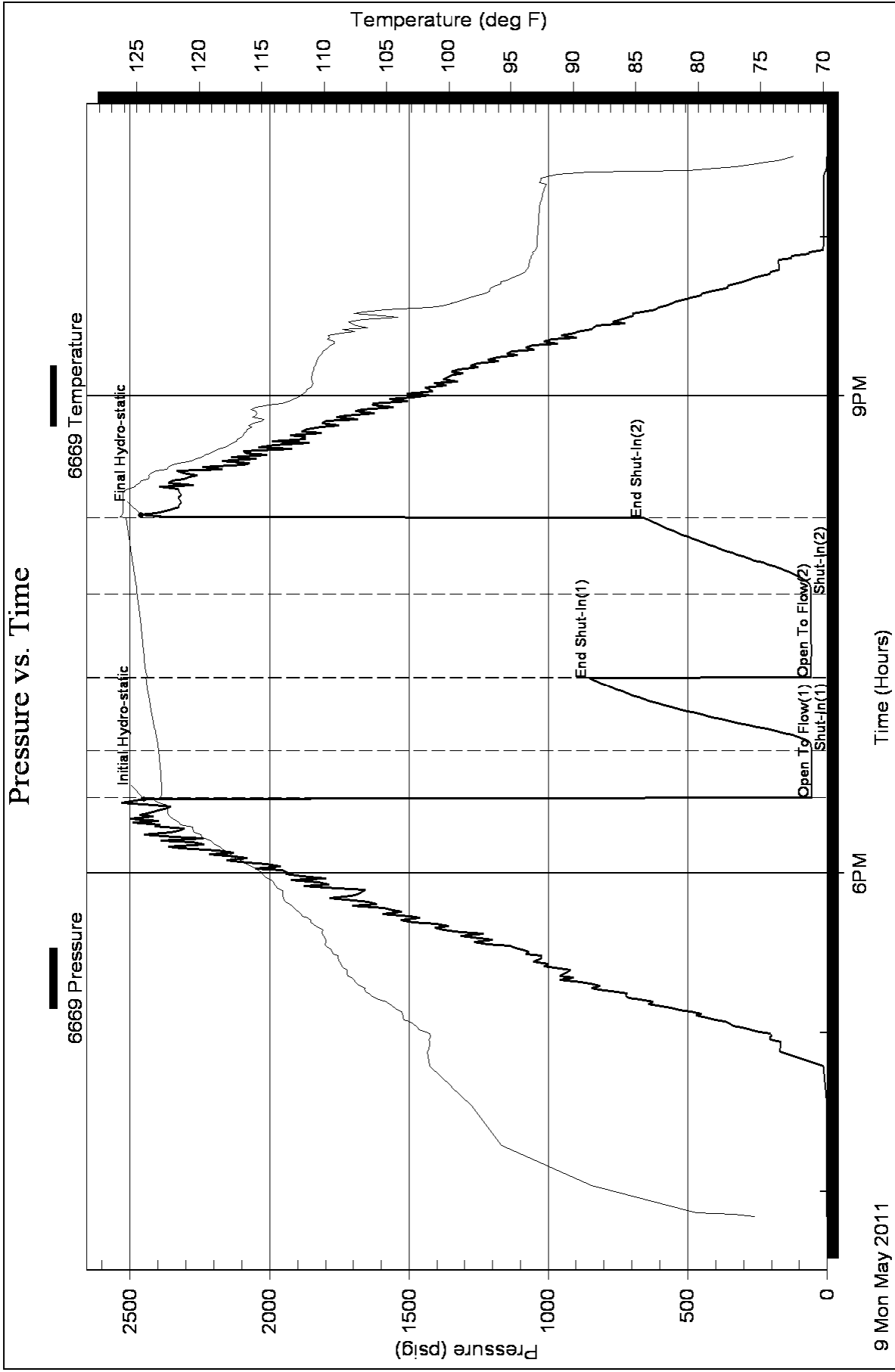
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



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



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

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

Sam Brownback, Governor

July 07, 2011

Clark D. Parrott
Norstar Petroleum, Inc.
88 Inverness Cir East, F104
Englewood, CO 80112

Re: ACO1
API 15-193-20795-00-00
Karlin 1-35
NE/4 Sec.35-10S-35W
Thomas County, Kansas

Dear Production Department:

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

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

Respectfully,
Clark D. Parrott

ALLIED CEMENTING CO., LLC. 043304

Federal Tax I.D.# 20-5975804

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

SERVICE POINT: Oakley

DATE <u>5-2-11</u>	SEC <u>35</u>	TWP. <u>10</u>	RANGE <u>35</u>	CALLED OUT	ON LOCATION	JOB START <u>7:00pm</u>	JOB FINISH <u>7:30pm</u>
LEASE <u>Karlin</u> WELL # <u>1-35</u>			LOCATION <u>Page city 3 N 2 W</u>		COUNTY <u>Labas</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)			<u>1/2 N W 170</u>				

CONTRACTOR Mallard

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 260'

CASING SIZE 8 5/8 DEPTH 260'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15'

PERFS. _____

DISPLACEMENT 15' LD ODL

OWNER same

CEMENT

AMOUNT ORDERED 185 SKS COM

3%cc 206 gal

COMMON	<u>185 SKS</u>	@	<u>16.25</u>	<u>3006.25</u>
POZMIX		@		
GEL	<u>4 SKS</u>	@	<u>21.25</u>	<u>85.00</u>
CHLORIDE	<u>7 SKS</u>	@	<u>58.20</u>	<u>407.40</u>
ASC	2 SKS	@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>196 SKS</u>	@	<u>2.25</u>	<u>441.00</u>
MILEAGE	<u>114 SK/MILE</u>			<u>474.32</u>
TOTAL				<u>4413.97</u>

EQUIPMENT

PUMP TRUCK CEMENTER Andrew

423-281 HELPER Jerry

BULK TRUCK

396 DRIVER mike

BULK TRUCK

_____ DRIVER _____

REMARKS:

Cement did circulate

thank you

CHARGE TO: Norstar Petroleum

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB 260'

PUMP TRUCK CHARGE _____ 1125.00

EXTRA FOOTAGE _____ @ _____

MILEAGE 22 miles X 2 @ 2.00 308.00

MANIFOLD head @ _____ 200.00

Light vehicle @ 4.00 176.00

TOTAL 1809.00

PLUG & FLOAT EQUIPMENT

_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
_____	@	_____
TOTAL _____		

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

PRINTED NAME Lyle Juergensen

SIGNATURE Lyle Juergensen

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

ALLIED CEMENTING CO., LLC. 043359

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Oakley, KS

DATE <u>3-11-11</u>	SEC. <u>35</u>	TWP. <u>10</u>	RANGE <u>35</u>	CALLED OUT	ON LOCATION	JOB START <u>7:00 pm</u>	JOB FINISH <u>8:00 pm</u>
LEASE <u>Karlin</u>	WELL # <u>1-35</u>	LOCATION <u>Page City, KS 3N, 2W</u>			COUNTY <u>Thomas</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>				<u>1/2" N° water</u>			

CONTRACTOR Mallard

TYPE OF JOB PTA

HOLE SIZE 7 7/8 T.D. 4950'

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2 DEPTH 2815'

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT Water 3661 Mud 29.2
561

OWNER same

CEMENT AMOUNT ORDERED 225 sks 60/40 49 gal
1/4" # flo seal

COMMON	<u>135 sks @ 16.25</u>	<u>2193.75</u>
POZMIX	<u>90 sks @ 8.50</u>	<u>765.00</u>
GEL	<u>8 sks @ 21.25</u>	<u>170.00</u>
CHLORIDE	@	
ASC	@	
	@	
<u>flo seal</u>	<u>56 # @ 2.70</u>	<u>151.20</u>
	@	
	@	
	@	
	@	
	@	
	@	
HANDLING	<u>237 sks @ 2.25</u>	<u>533.25</u>
MILEAGE	<u>114 sk/mile</u>	<u>573.54</u>
TOTAL		<u>4386.74</u>

EQUIPMENT

PUMP TRUCK CEMENTER Kalene

431 HELPER Darren

BULK TRUCK Terry

396/306 DRIVER Ethan

BULK TRUCK _____

_____ DRIVER _____

REMARKS:

Mix 25 sks at 2815'

Mix 100 sks at 1800'

Mix 40 sks at 310'

Mix 10 sks top 40'

Mix 30 sks path hole

Mix 20 sks mouse hole

Thank you

CHARGE TO: Worstar Petroleum

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	<u>2815'</u>	
PUMP TRUCK CHARGE		<u>71250.00</u>
EXTRA FOOTAGE	@	
MILEAGE	<u>22 x 2 @ 7.00</u>	<u>308.00</u>
MANIFOLD	@	
<u>Light vehicle mileage</u>	<u>@ 4.00</u>	<u>176.00</u>
	@	
TOTAL		<u>1734.00</u>

PLUG & FLOAT EQUIPMENT

<u>1-top wooden plug</u>	@	<u>82.00</u>
<u>8 7/8</u>	@	
	@	
	@	
	@	
TOTAL		<u>82.00</u>

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

PRINTED NAME Lyle Jurgensen

SIGNATURE Lyle Jurgensen

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS