



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1077410
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

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

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

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

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

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

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

Spot Description: _____

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

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

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

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

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

County: _____ Permit #: _____

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

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

1077410

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

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

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

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

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

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

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

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

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

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

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR.	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____
---	--

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

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> _____	PRODUCTION INTERVAL: _____ _____
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Dual Induction Log

DIGITAL LOG (785) 625-3858

15-095-22,245-00-00

API No.	Company		MTM Petroleum, Inc.
	Well	Hufford No. 3	
	Field	Spivey-Grabs-Basil	
	County	Kingman	State
	Location	1,575' FNL & 330' FEL	
	Sec: 23	Twp: 30S	Rge: 7W
	Permanent Datum	Ground Level	Elevation 1464
	Log Measured From	Kelly Bushing	10 Ft. Above Perm. Datum
	Drilling Measured From	Kelly Bushing	
			Other Services CNL/CDL
			Elevation K.B. 1474 D.F. 1464 G.L. 1464

Date	2/12/2012
Run Number	One
Depth Driller	4260
Depth Logger	4266
Bottom Logged Interval	4265
Top Log Interval	200
Casing Driller	8.625 @ 221
Casing Logger	220
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity, ppm CL	5000
Density / Viscosity	9.4 42
pH / Fluid Loss	10.5 9.2
Source of Sample	Flowline
Rm @ Meas. Temp	.85 @ 48
Rmf @ Meas. Temp	.64 @ 48
Rmc @ Meas. Temp	1.15 @ 48
Source of Rmf / Rmc	Charts
Rm @ BHT	.34 @ 119
Operating Rig Time	4 Hours
Max Rec. Temp. F	119
Equipment Number	10
Location	Hays
Recorded By	J. Long
Witnessed By	Jerry A. Smith

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

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

Rago, 2 South to SE 150th St., 2 East to SE 40th Ave., 1/4 South, West Into

Database File: c:\warrior\data\mtm_hufford no. 3\mtm_hufford_3hd.db
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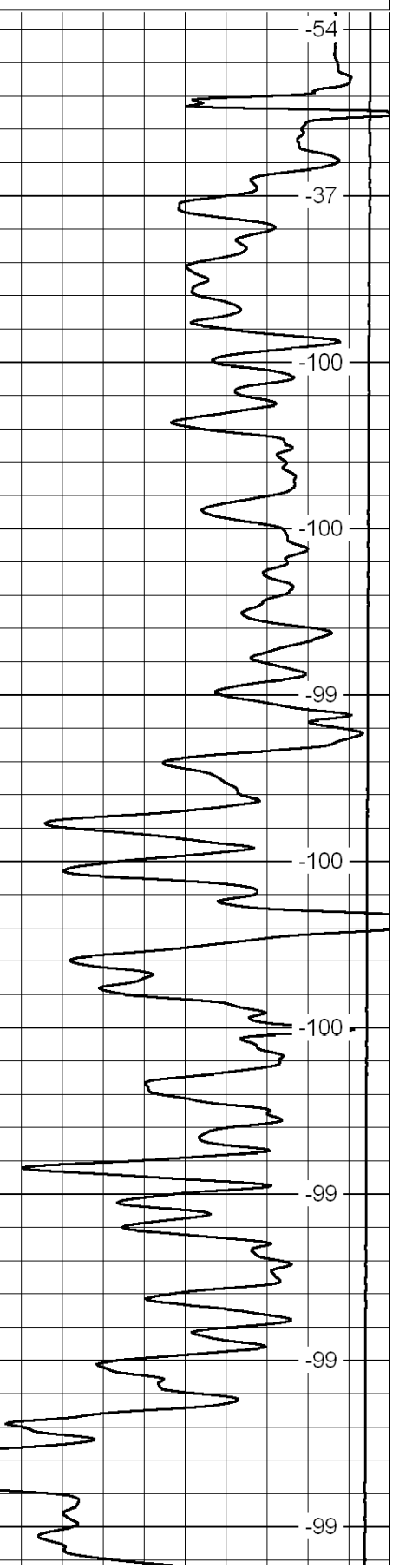
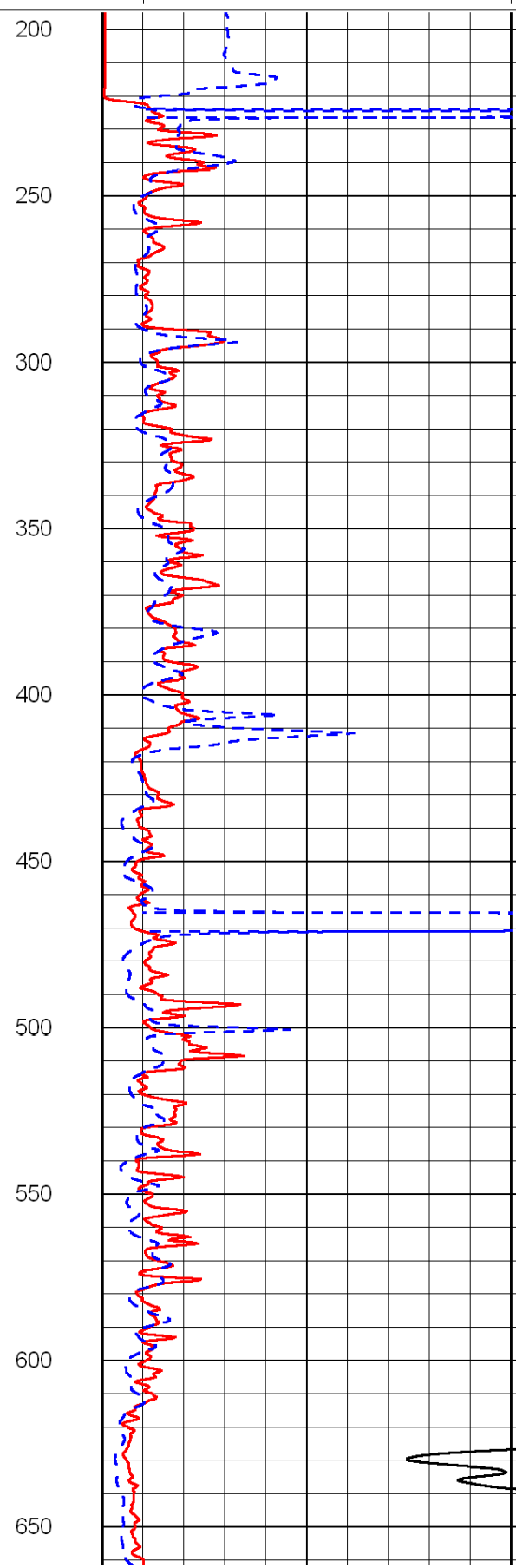
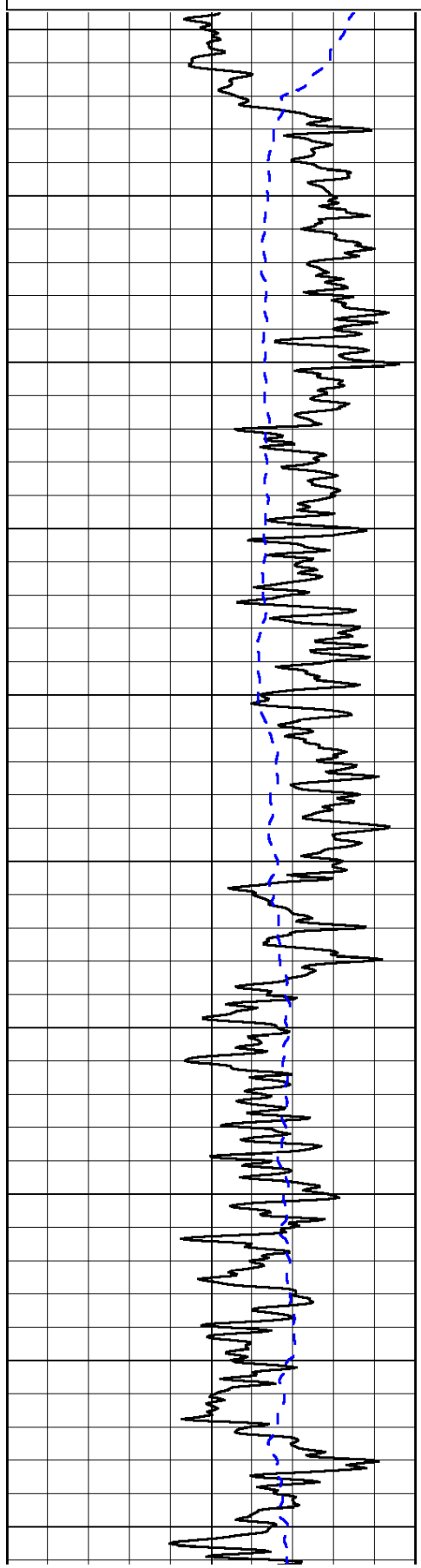
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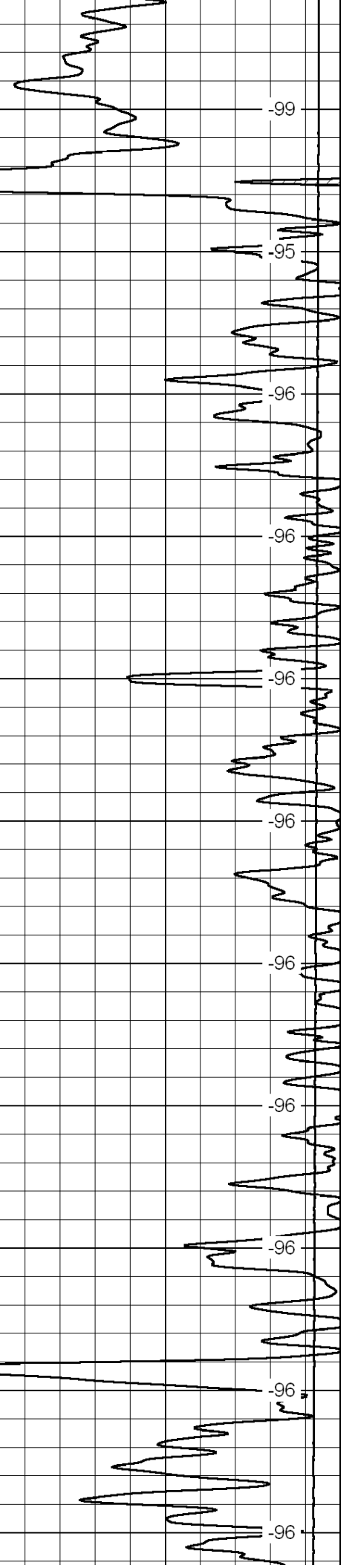
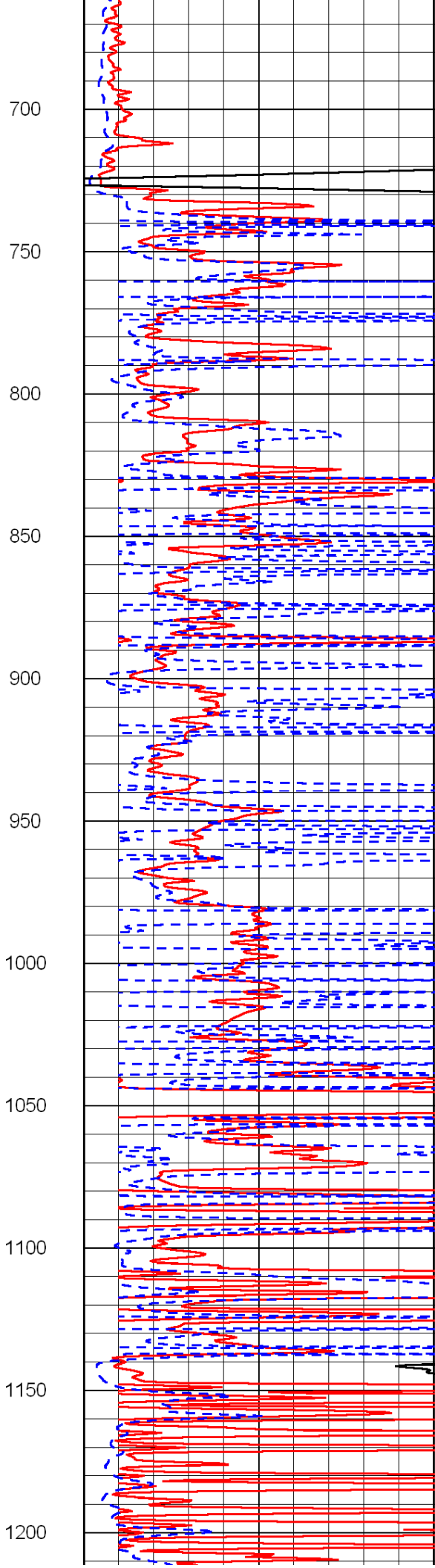
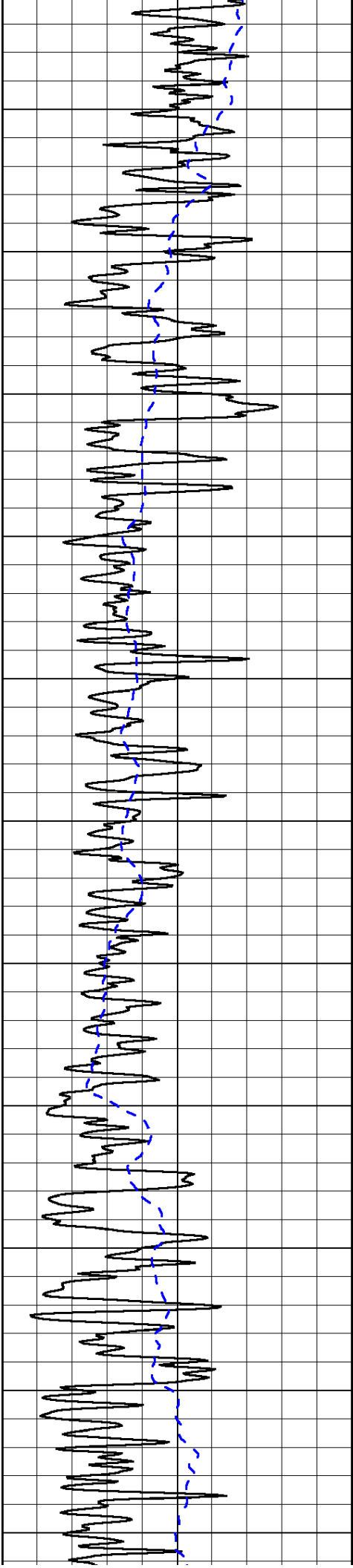
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0	Deep Resistivity	50

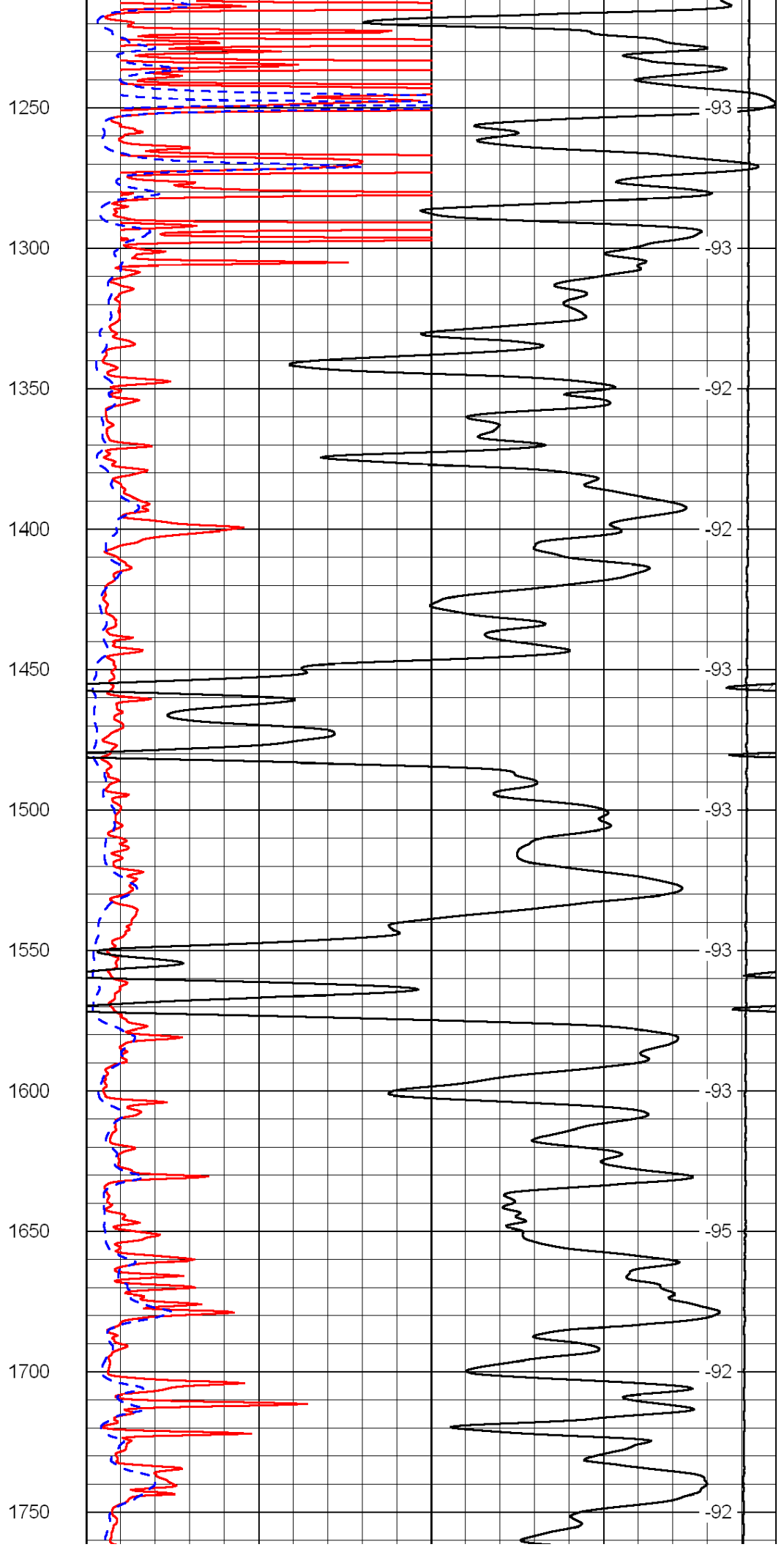
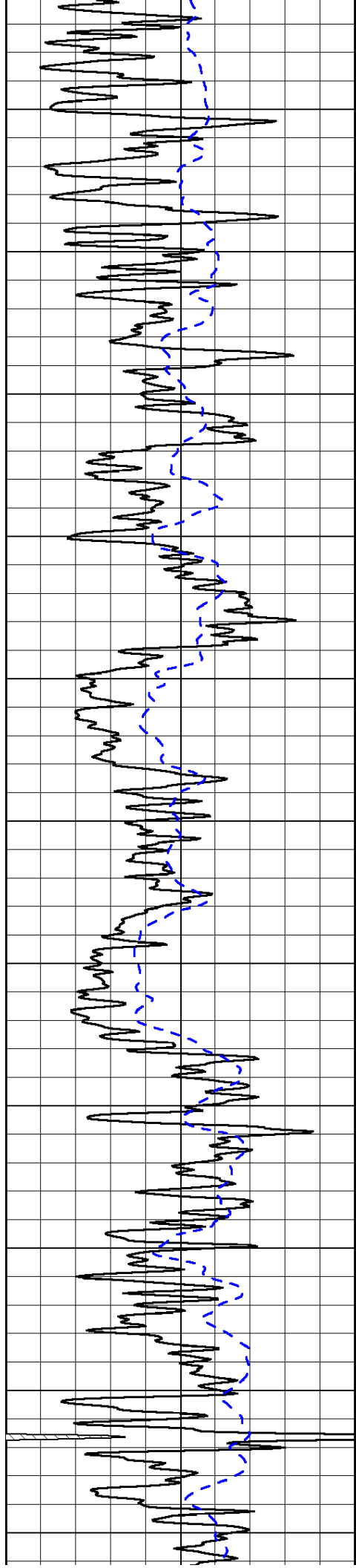
LSPD

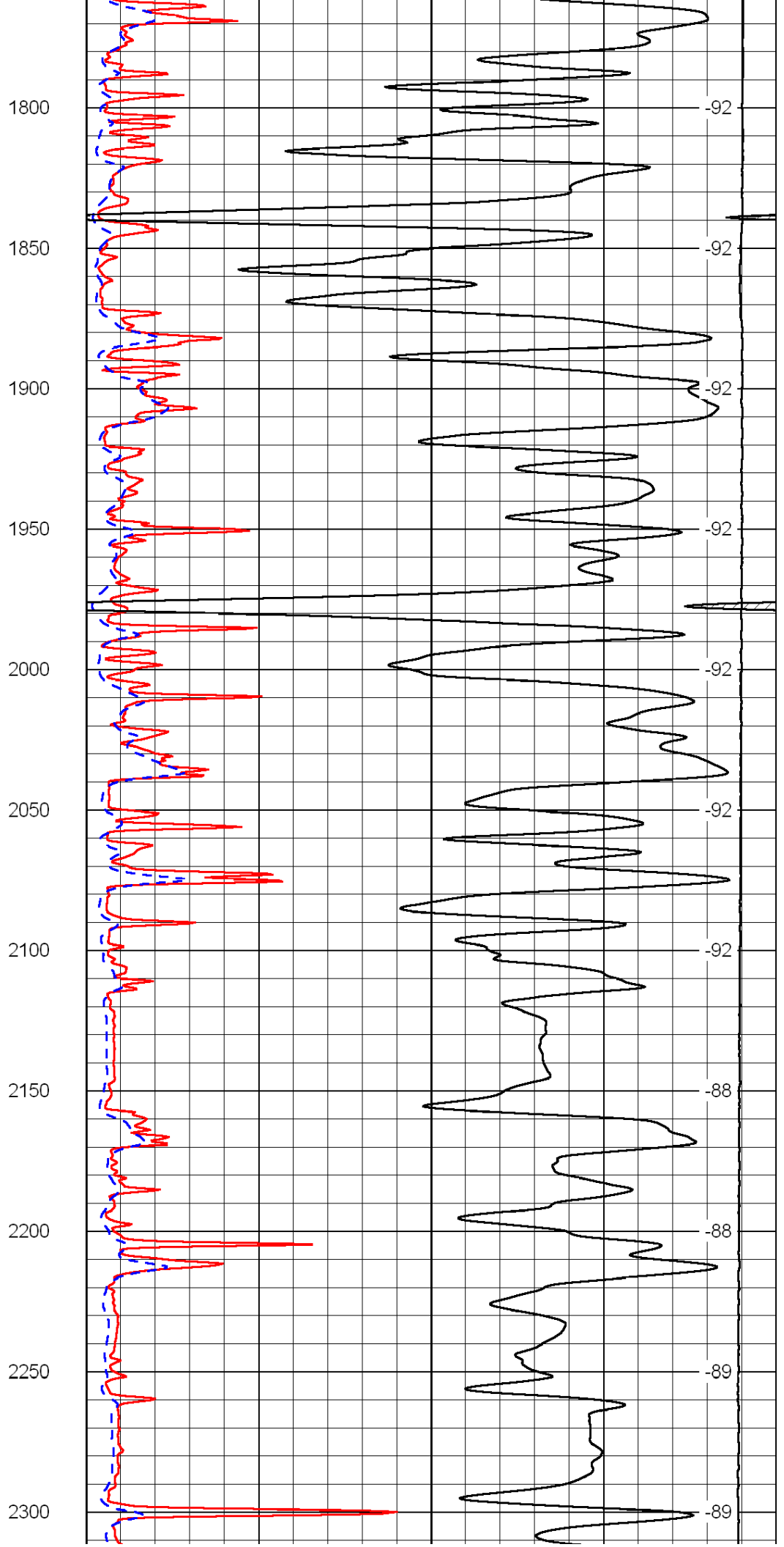
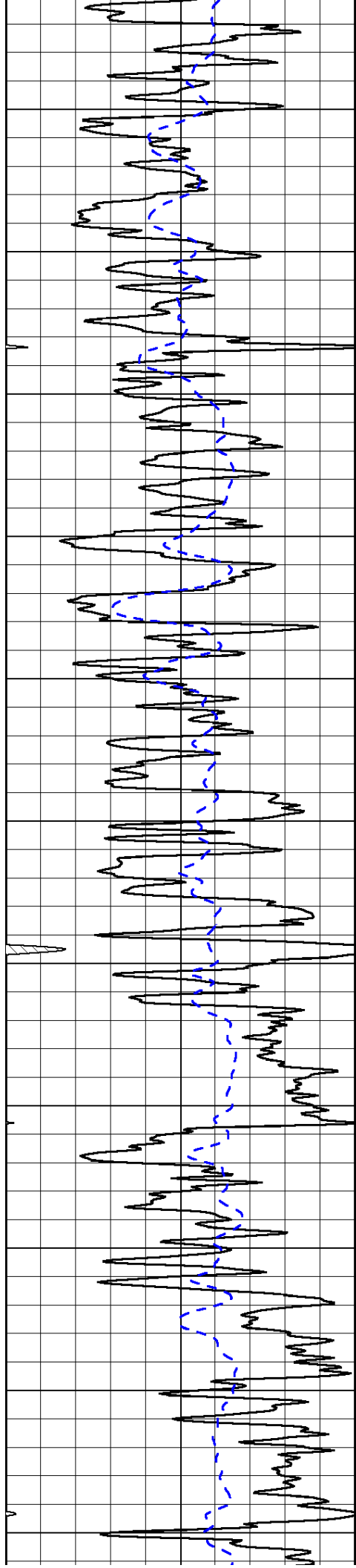
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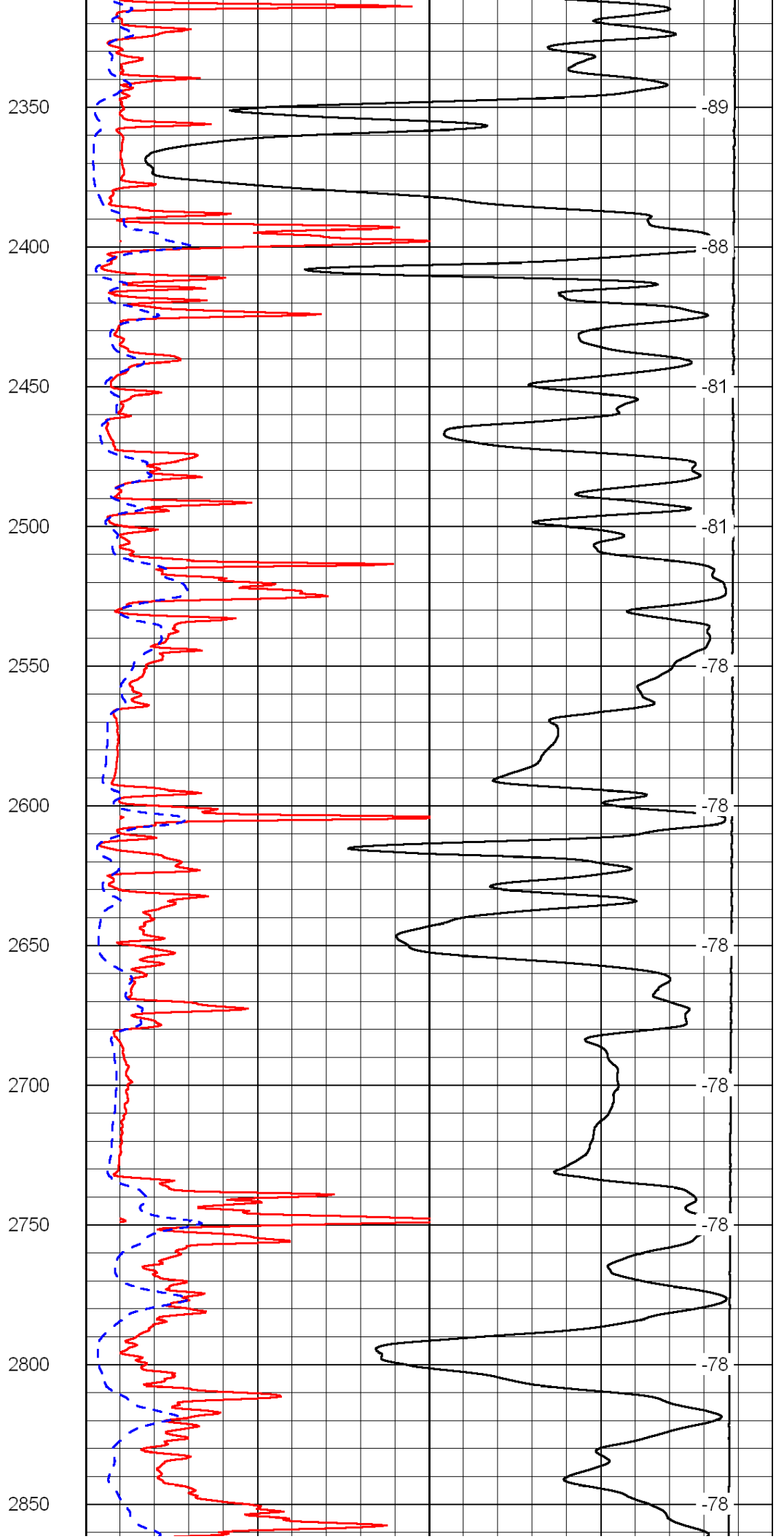
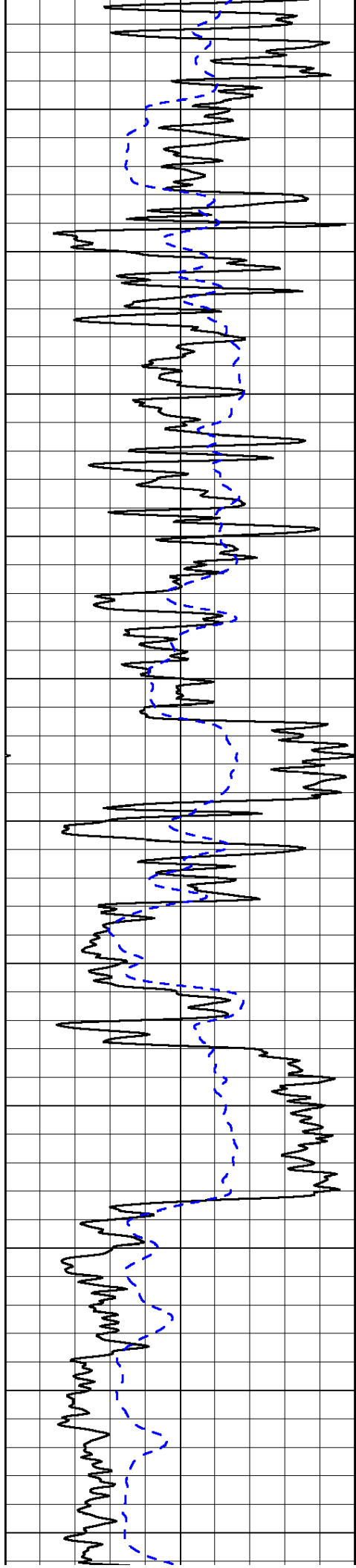
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50	Deep Resistivity	500

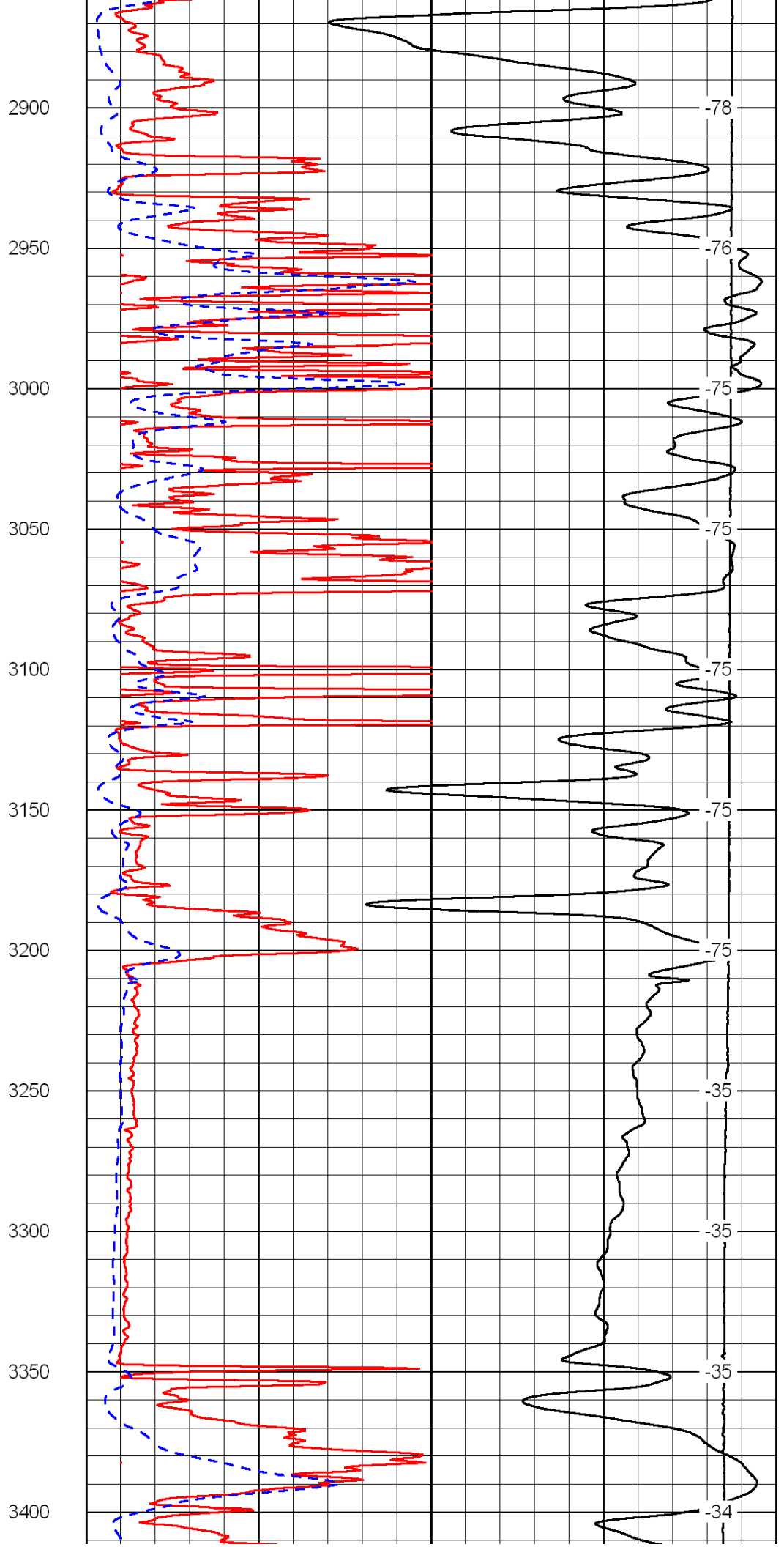
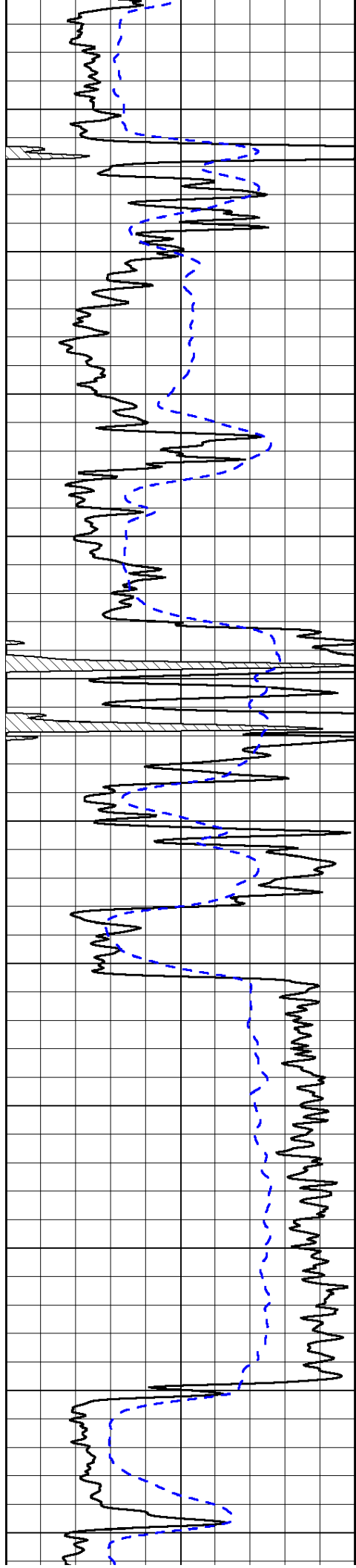


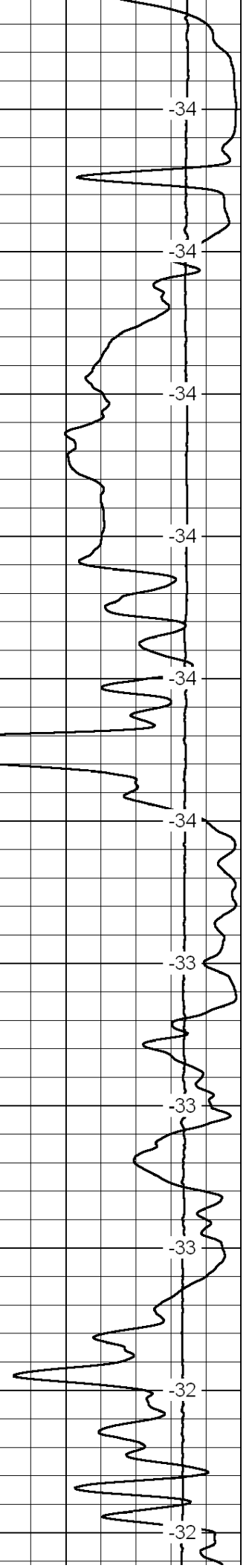
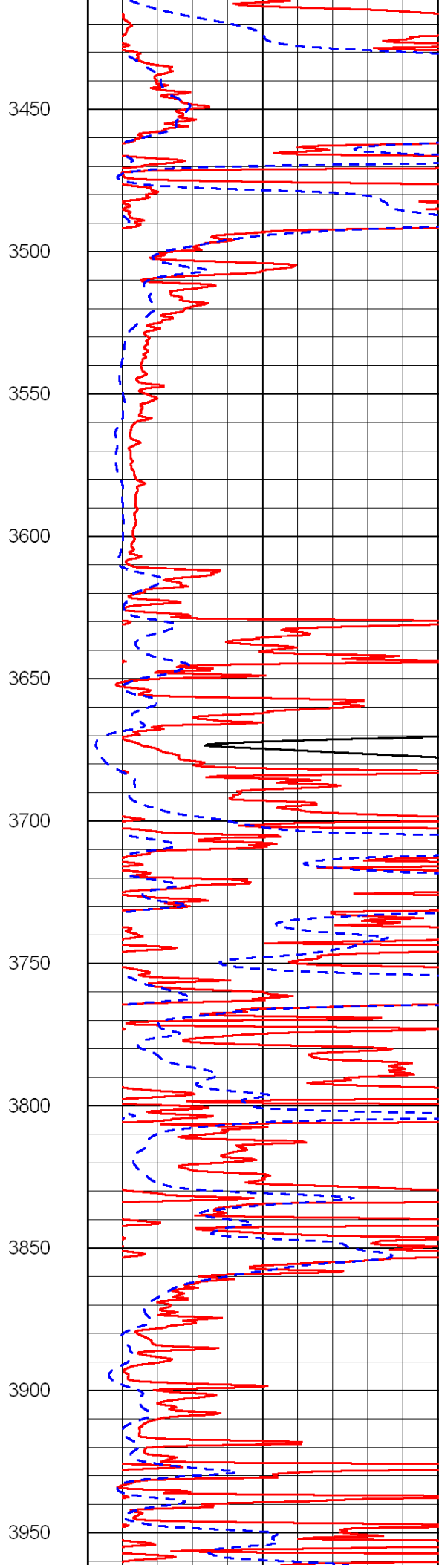
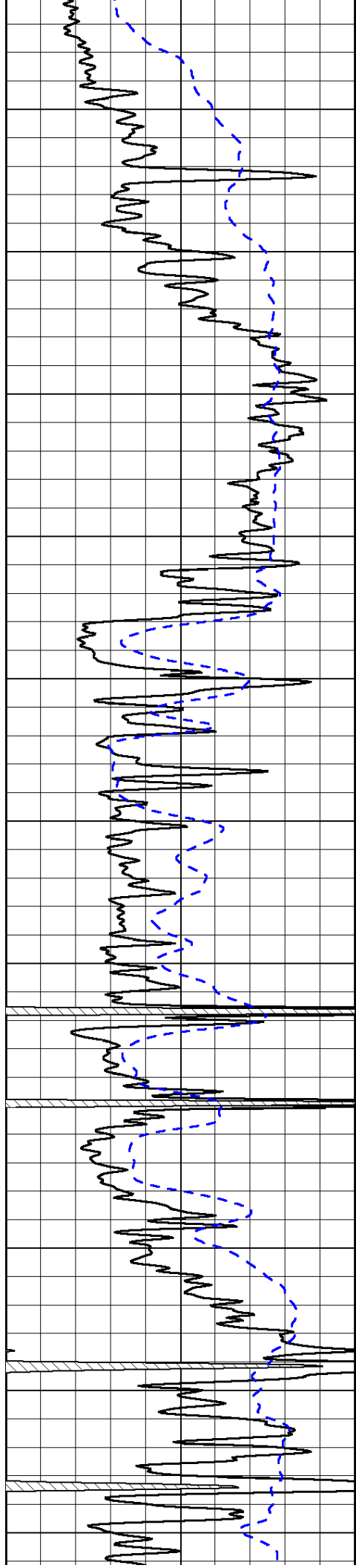


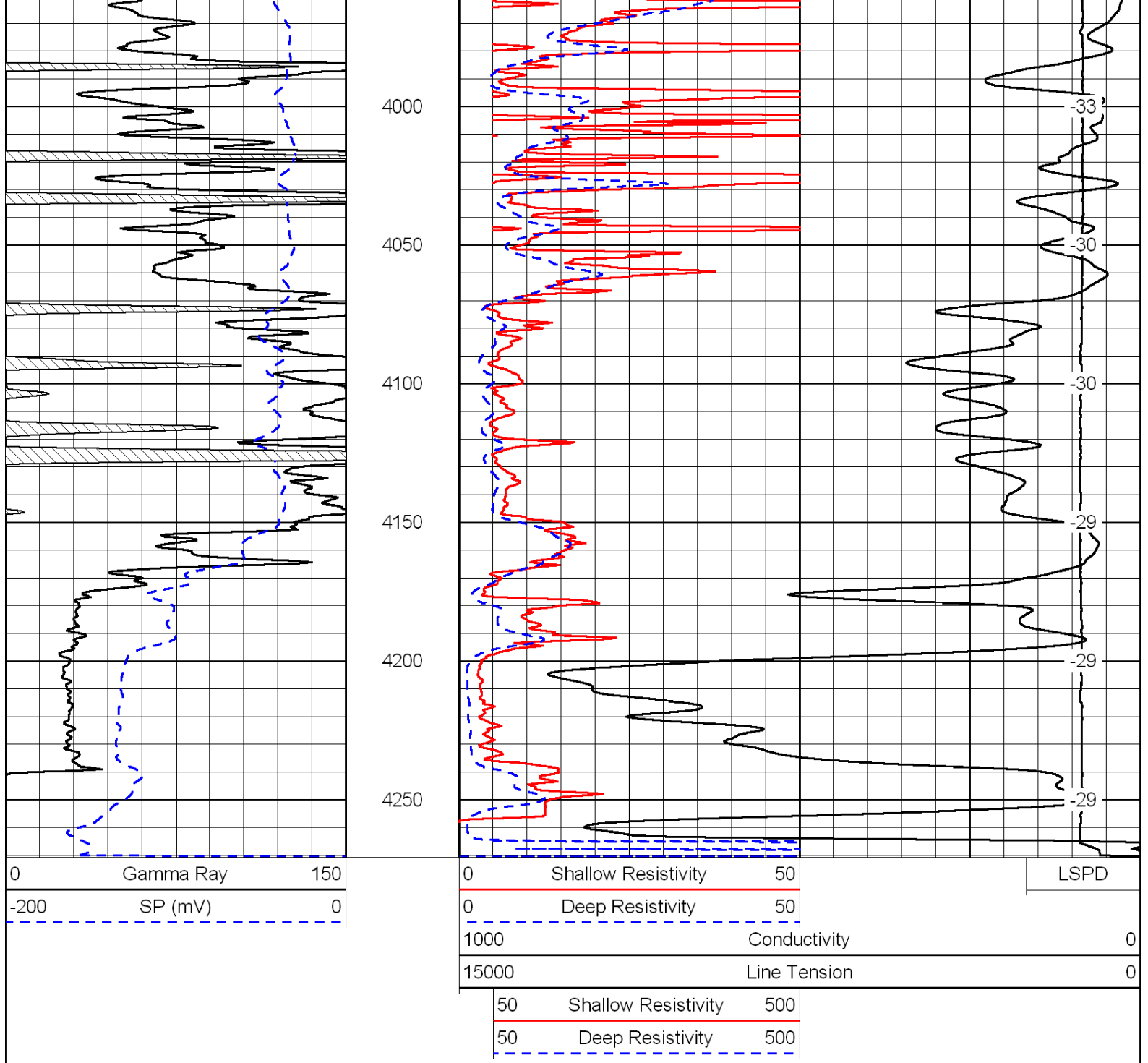




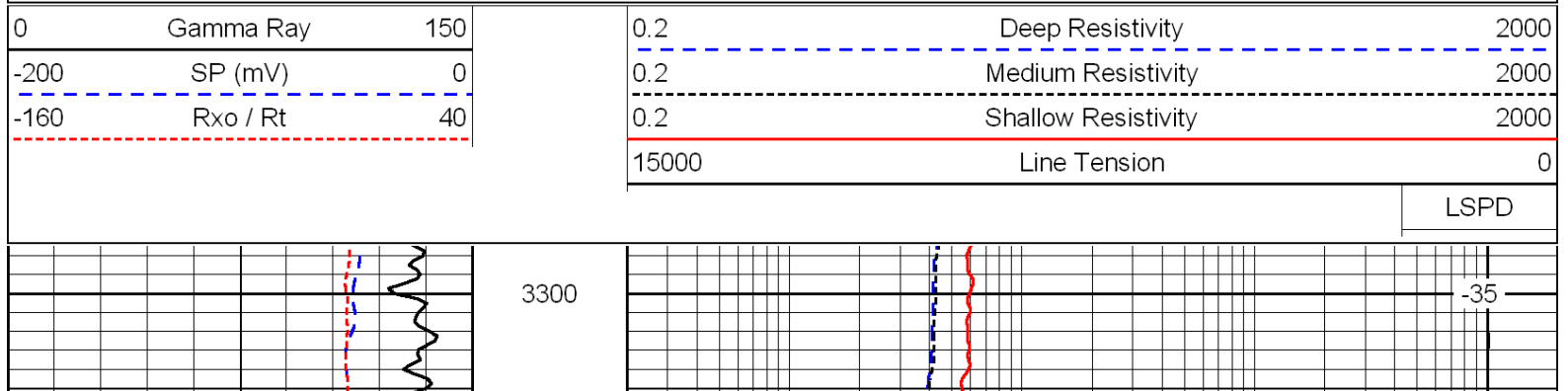


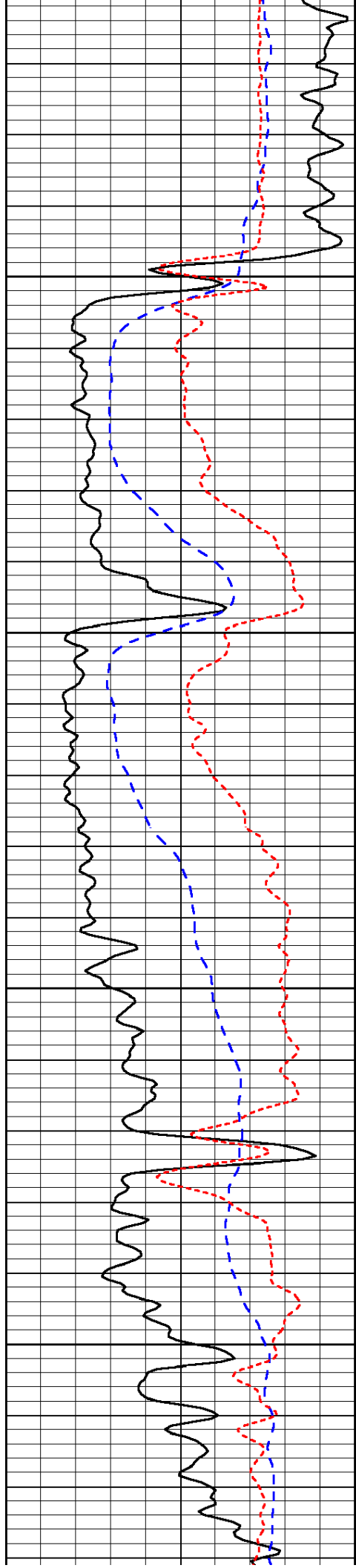






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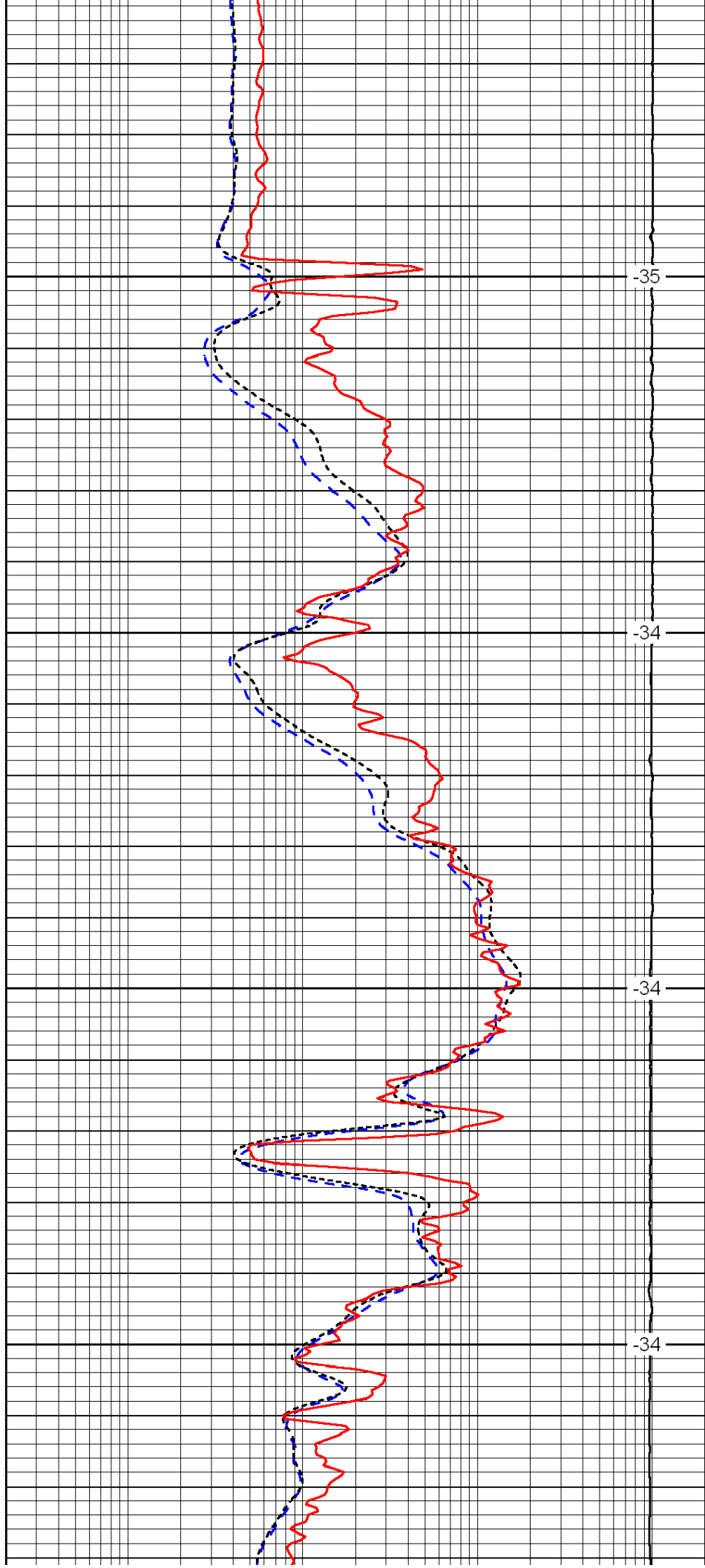


3350

3400

3450

3500

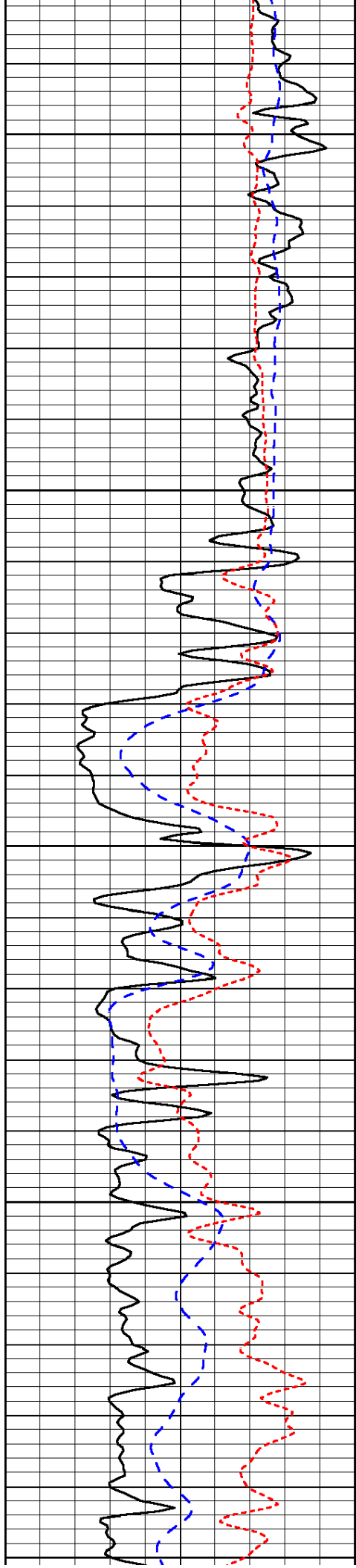


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-34

-34

-34



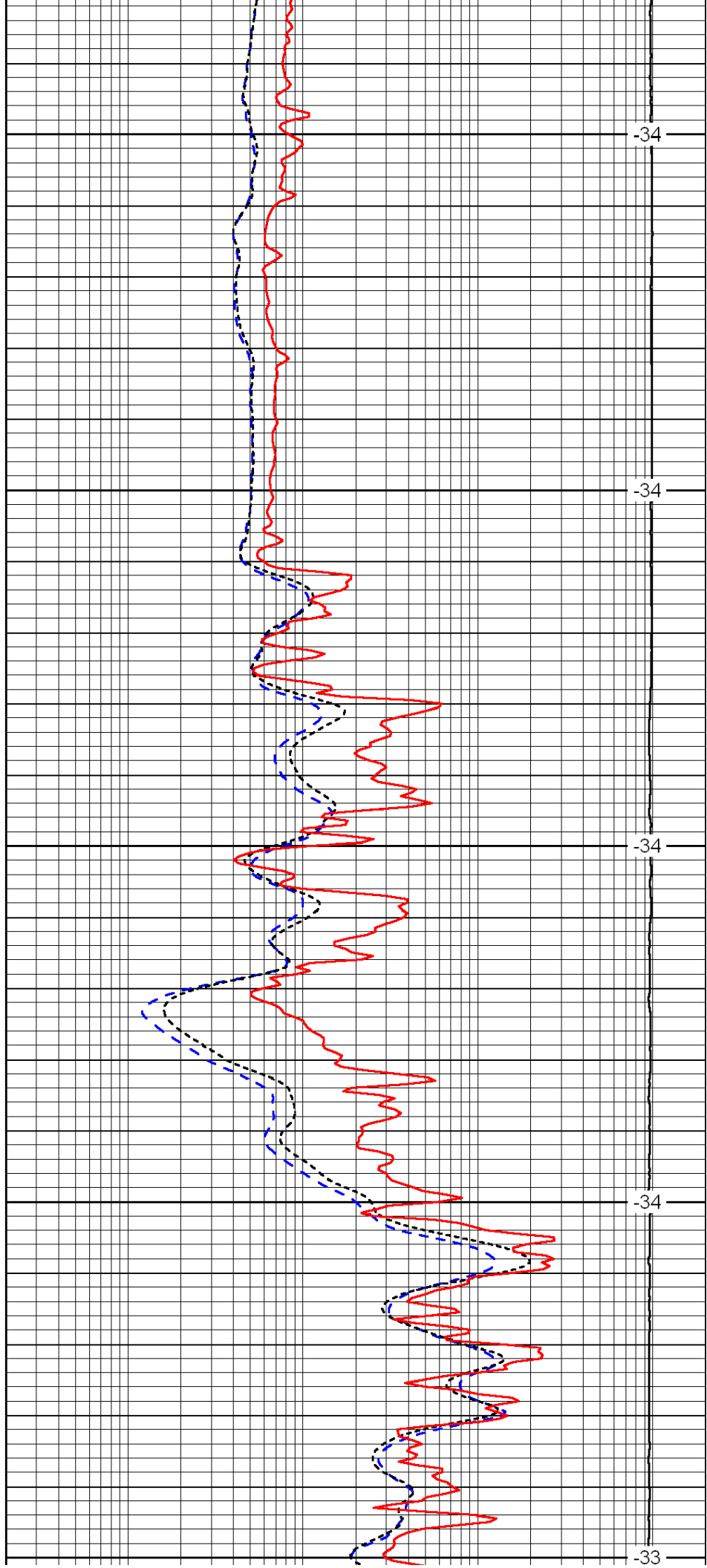
3550

3600

3650

3700

3750



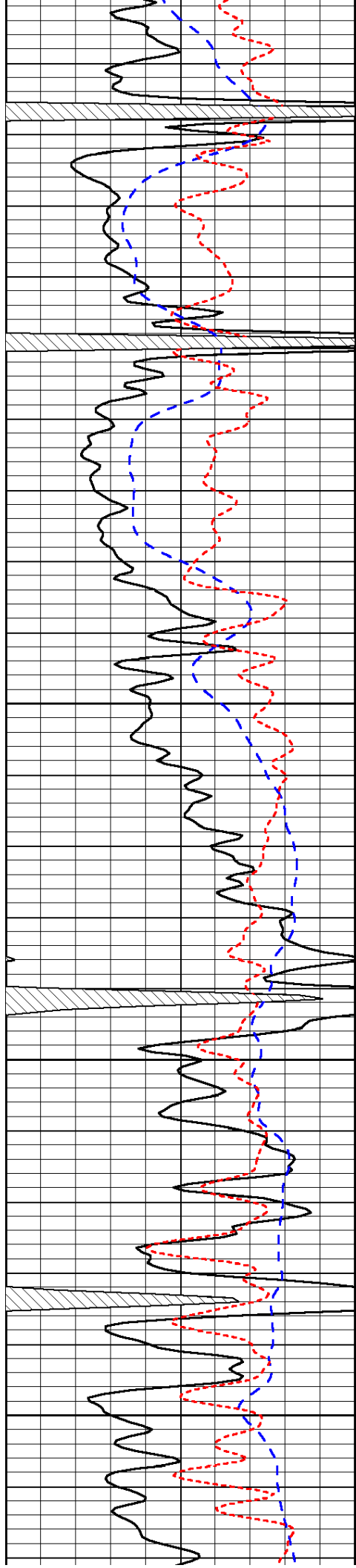
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-34

-34

-33

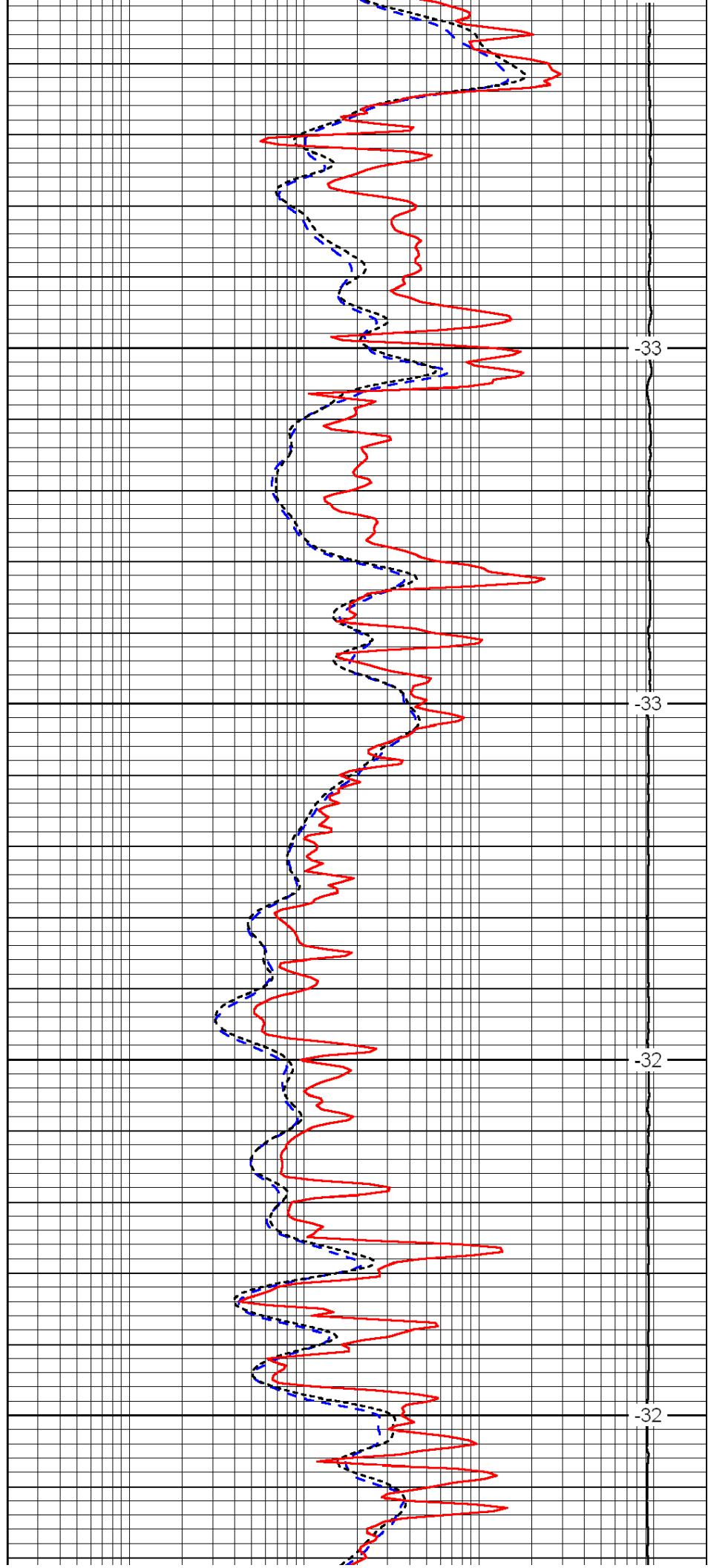


3800

3850

3900

3950

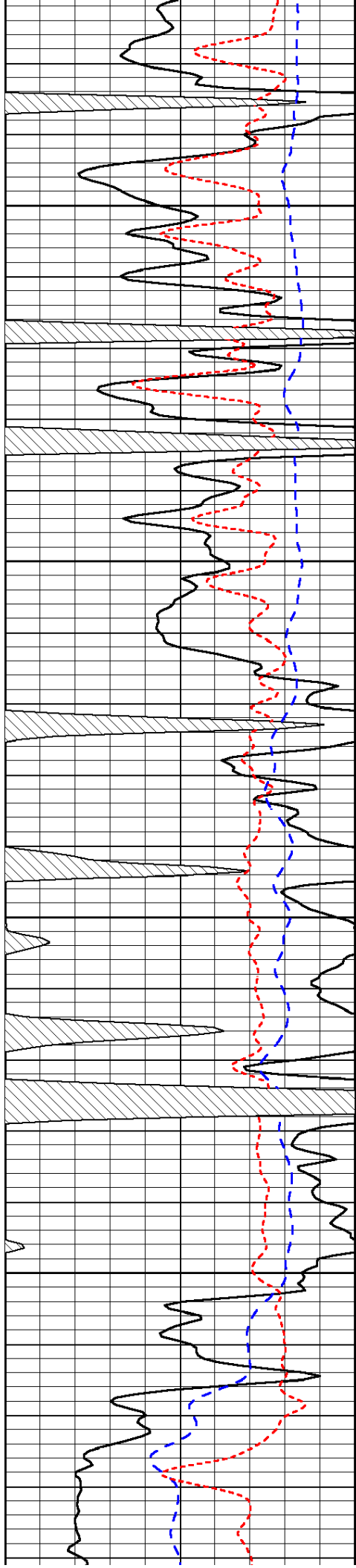


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-33

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-32

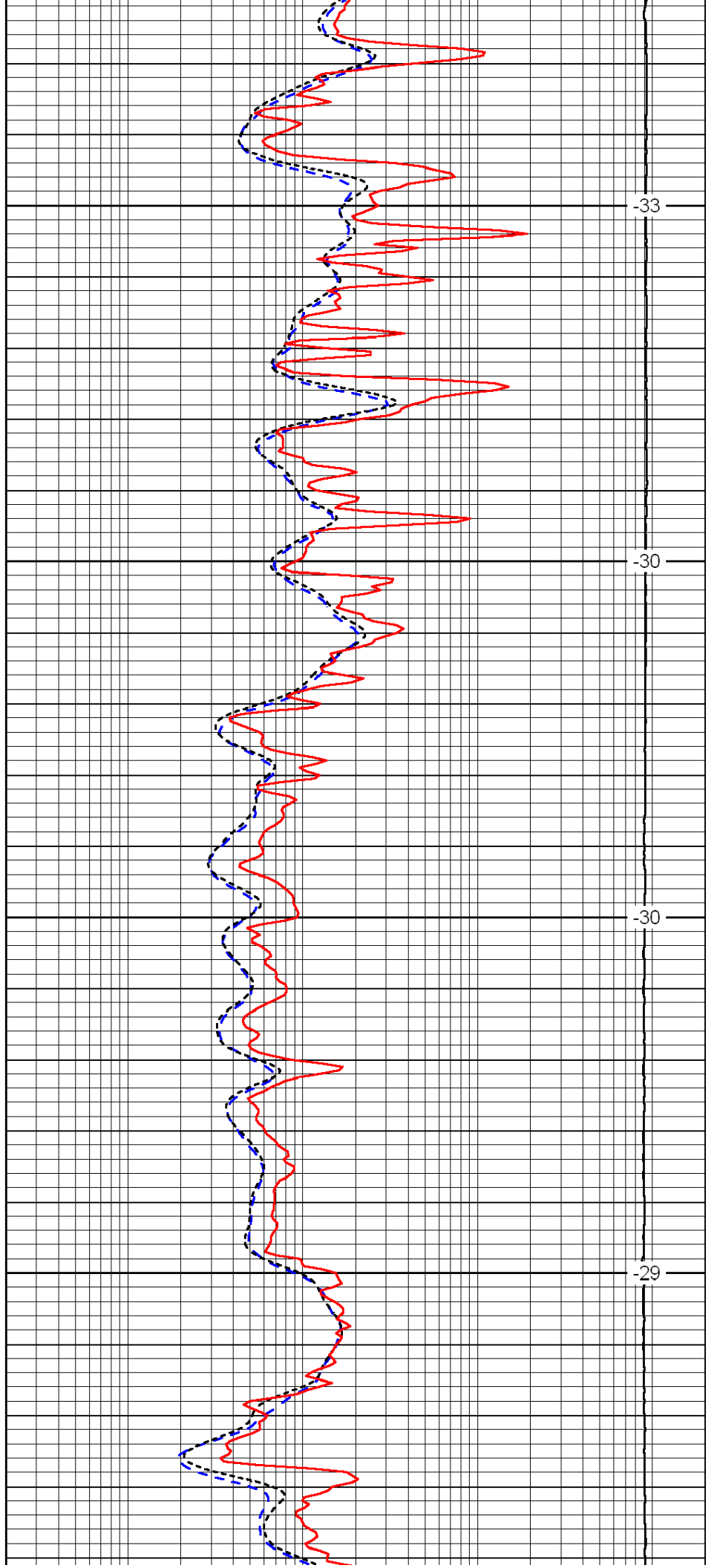


4000

4050

4100

4150

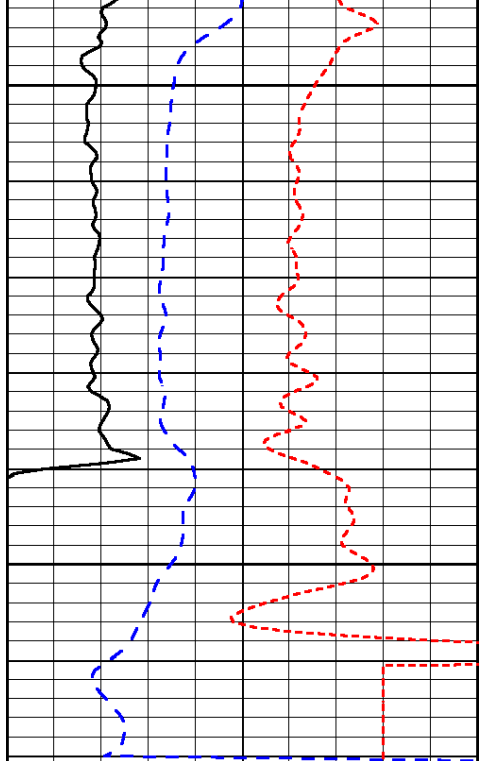


-33

-30

-30

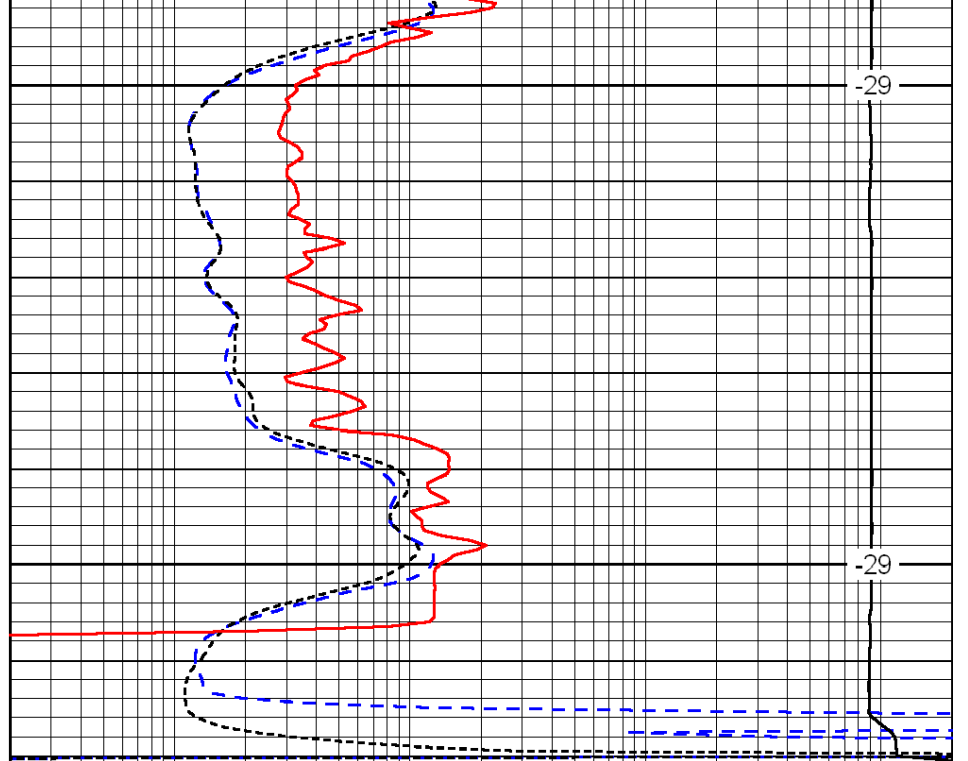
-29



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

4200

4250



-29

-29

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

15-095-22,245-00-00

API No.

Company MTM Petroleum, Inc.
Well Hufford No. 3
Field Spivey-Grabs-Basil
County Kingman State Kansas

Location 1,575' FNL & 330' FEL

Sec: 23 Twp: 30S Rge: 7W

Other Services
DIL

Permanent Datum Ground Level Elevation 1464
Log Measured From Kelly Bushing 10 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

Elevation
K.B. 1474
D.F. 1464
G.L. 1464

Date	2/12/2012	
Run Number	One	
Type Log	CNL / CDL	
Depth Driller	4260	
Depth Logger	4266	
Bottom Logged Interval	4245	
Top Logged Interval	3300	
Type Fluid In Hole	Chemical	
Salinity, PPM CL	5000	
Density Level	9.4	
Level	Full	
Max. Rec. Temp. F	119	
Operating Rig Time	4 Hours	
Equipment -- Location	10 Hays	
Recorded By	J. Long	
Witnessed By	Jerry A. Smith	

Borehole Record				Casing Record			
Run No.	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	221	8.625	24#	00	221
2	7.875	221	4260				

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

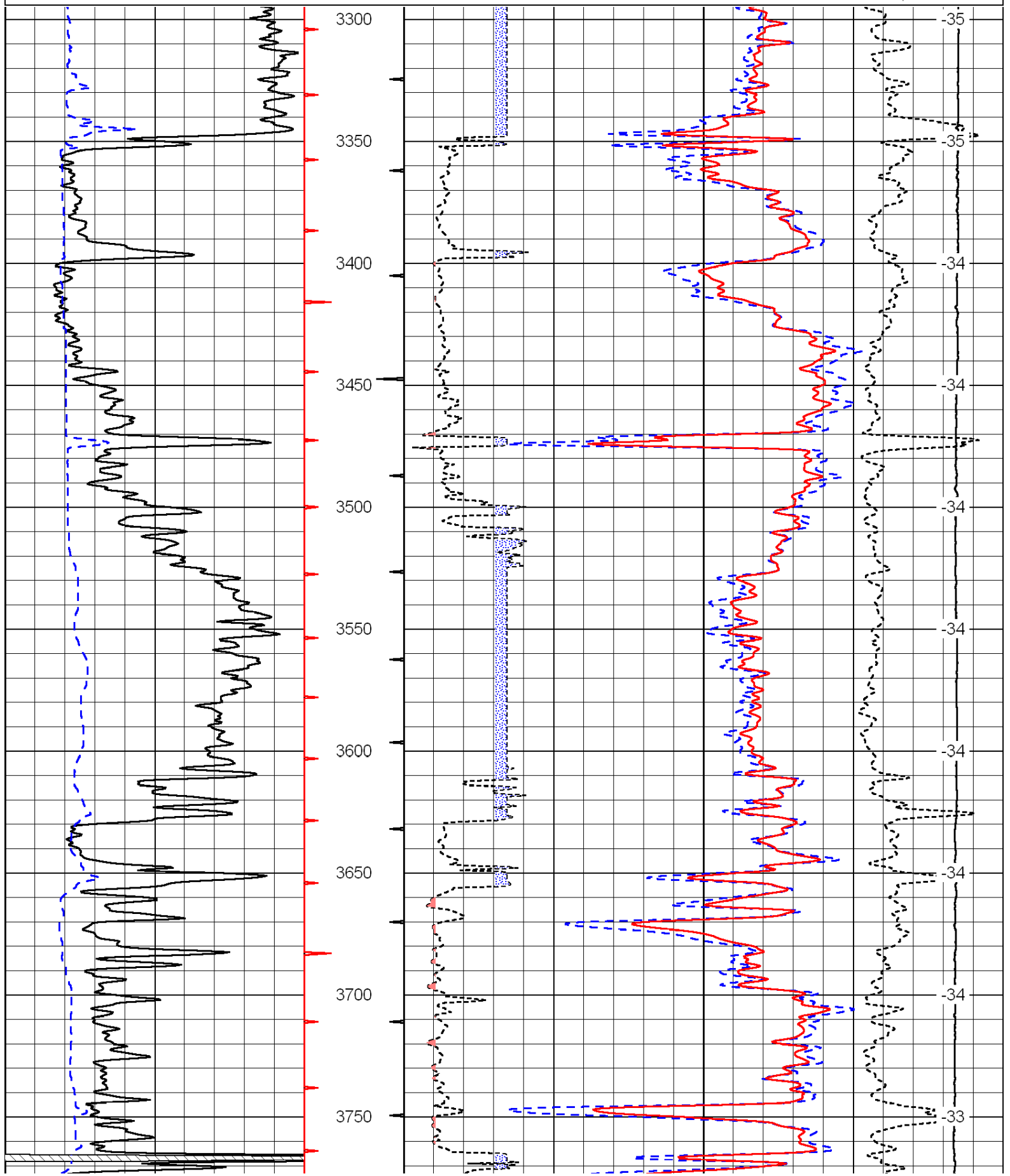
Thank you for using Log-Tech, Inc.
(785) 625-3858

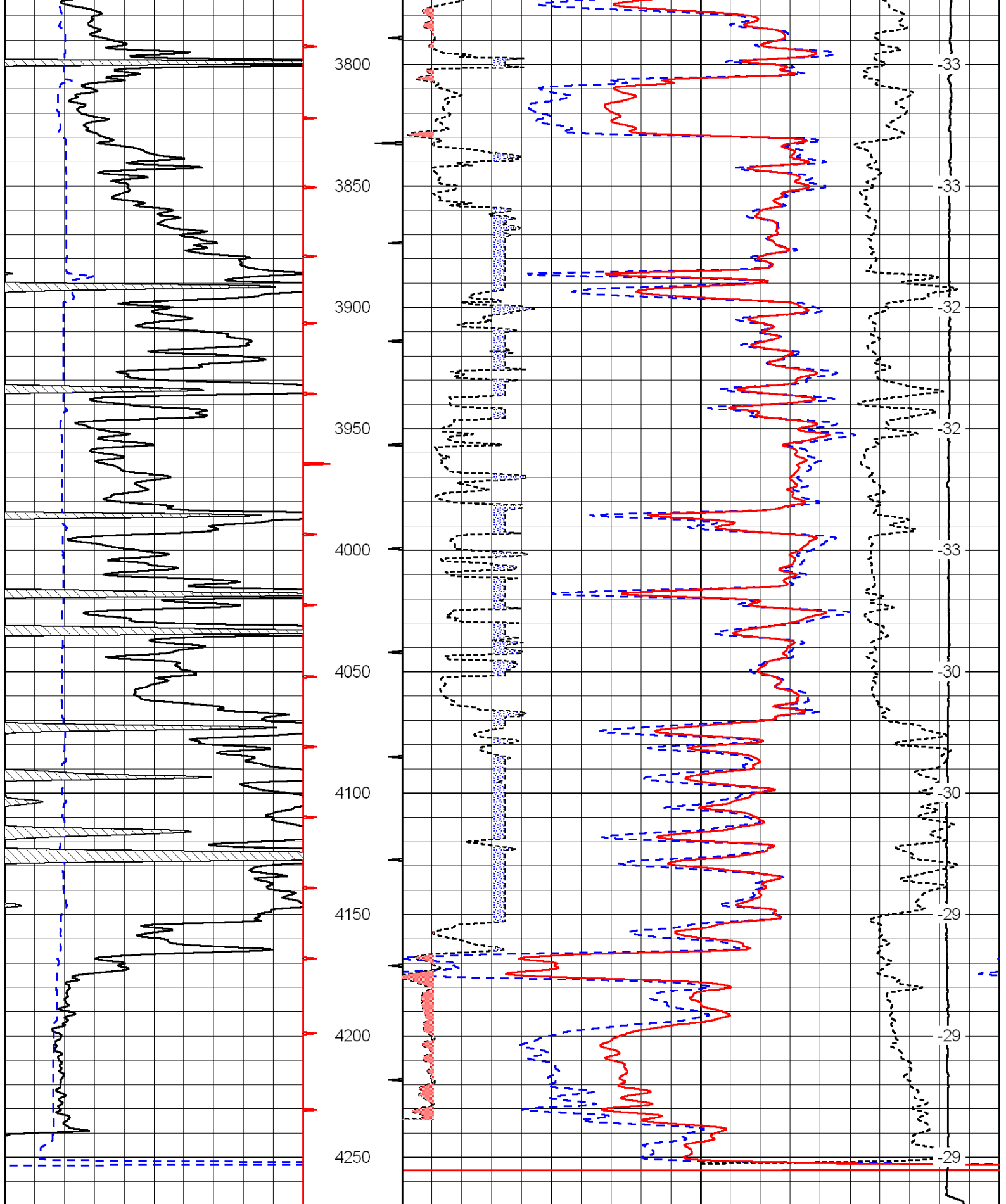
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 Charted by: Depth in Feet scaled 1:600

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			





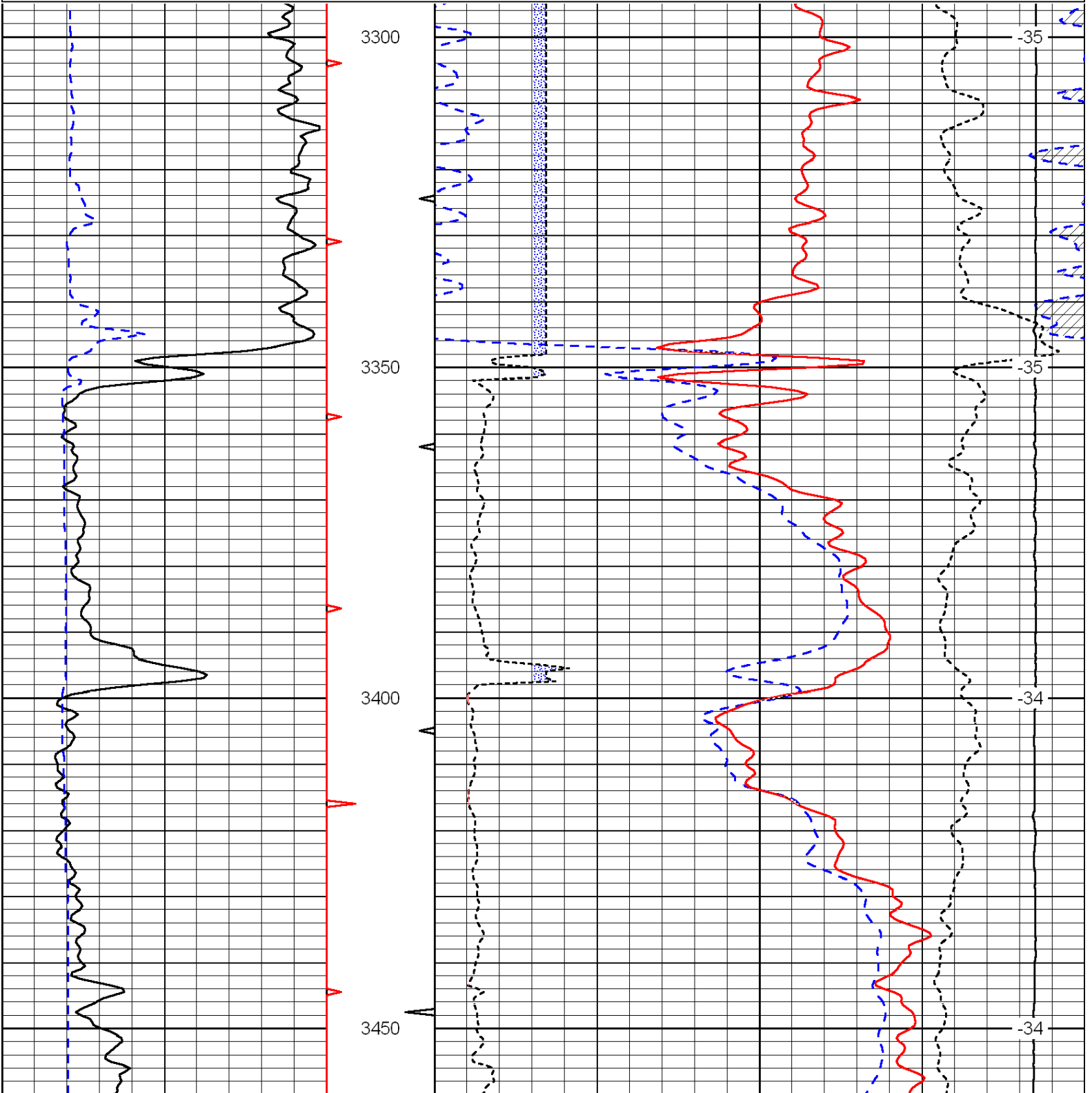
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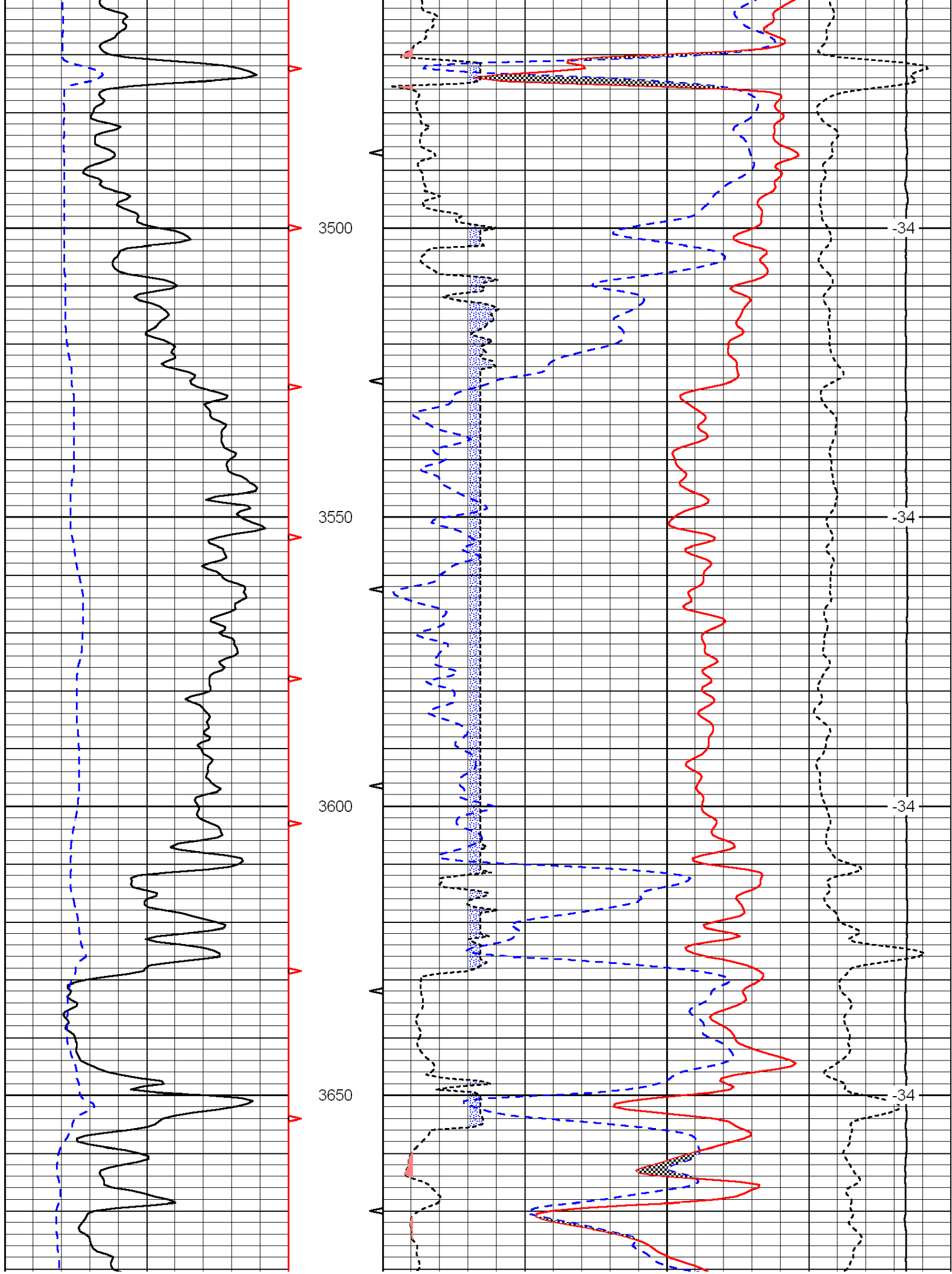
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2	Bulk Density		3
15000	Line Tension		0
2.625	DGA	3.425 -0.25	Correction 0.25

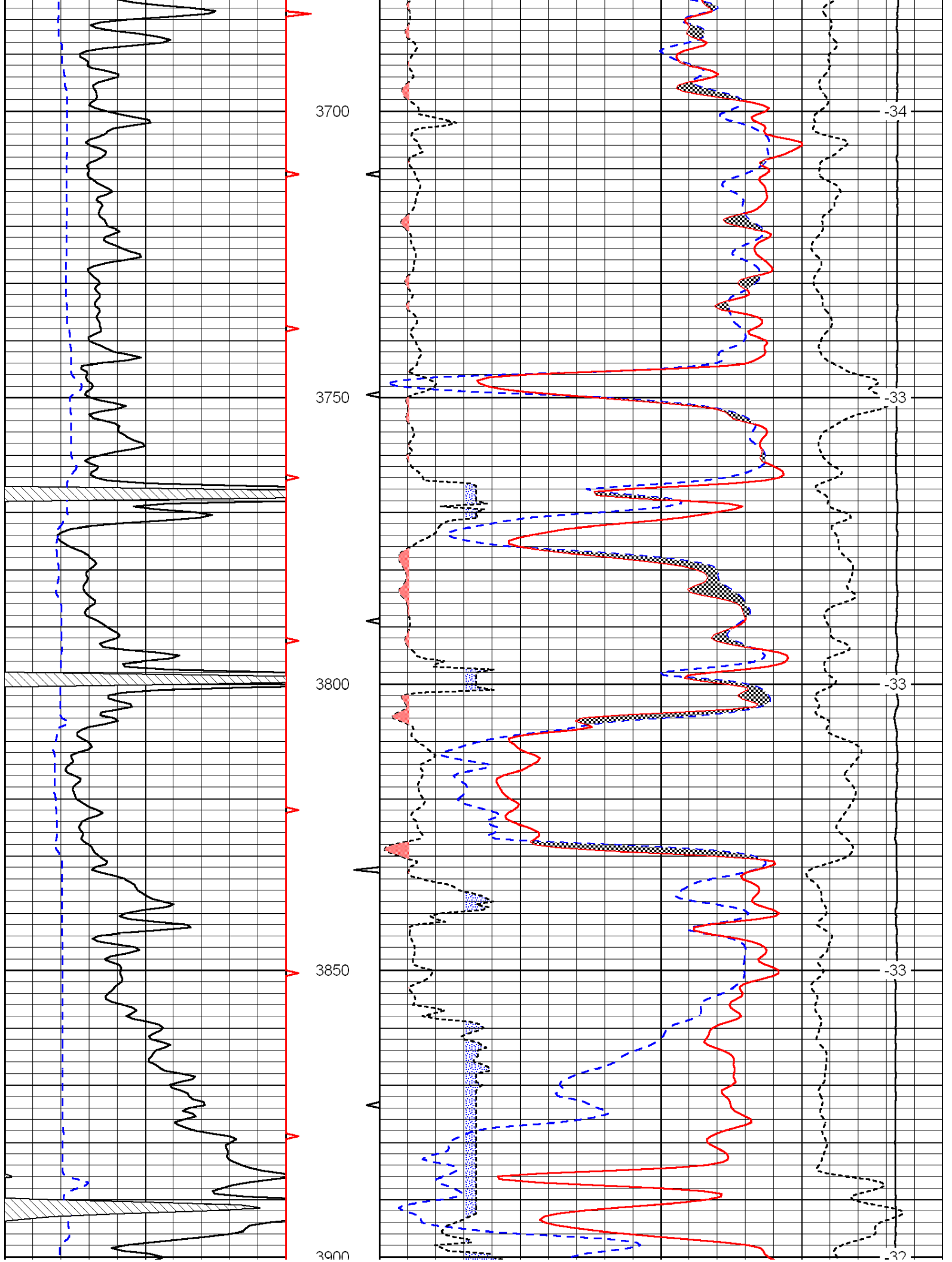
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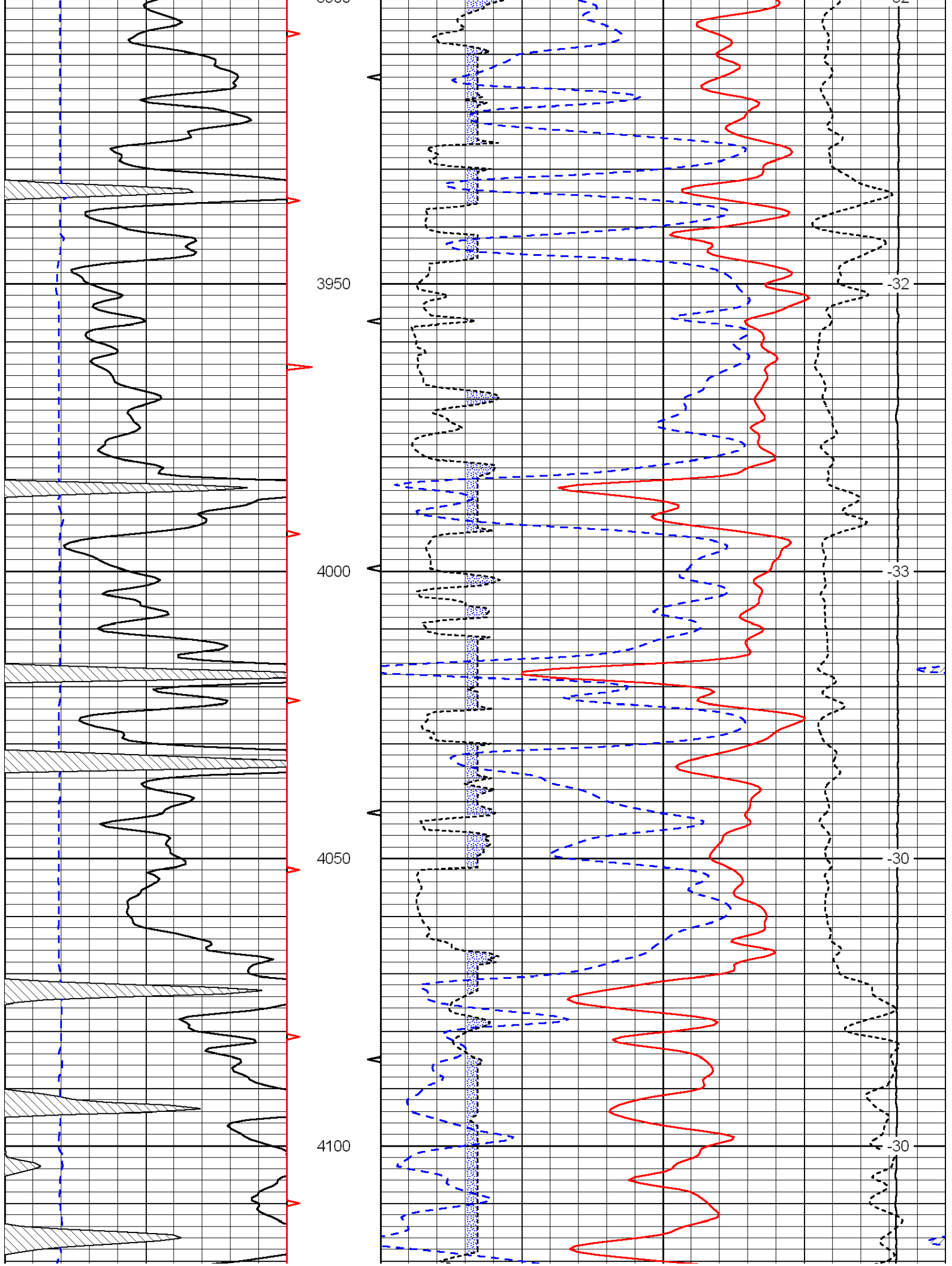
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6	Caliper (GAPI)	16	30	Compensated Density (Limestone)		-10		
			2.625	DGA	3.425	-0.25	Correction	0.25
			15000	Line Tension				0

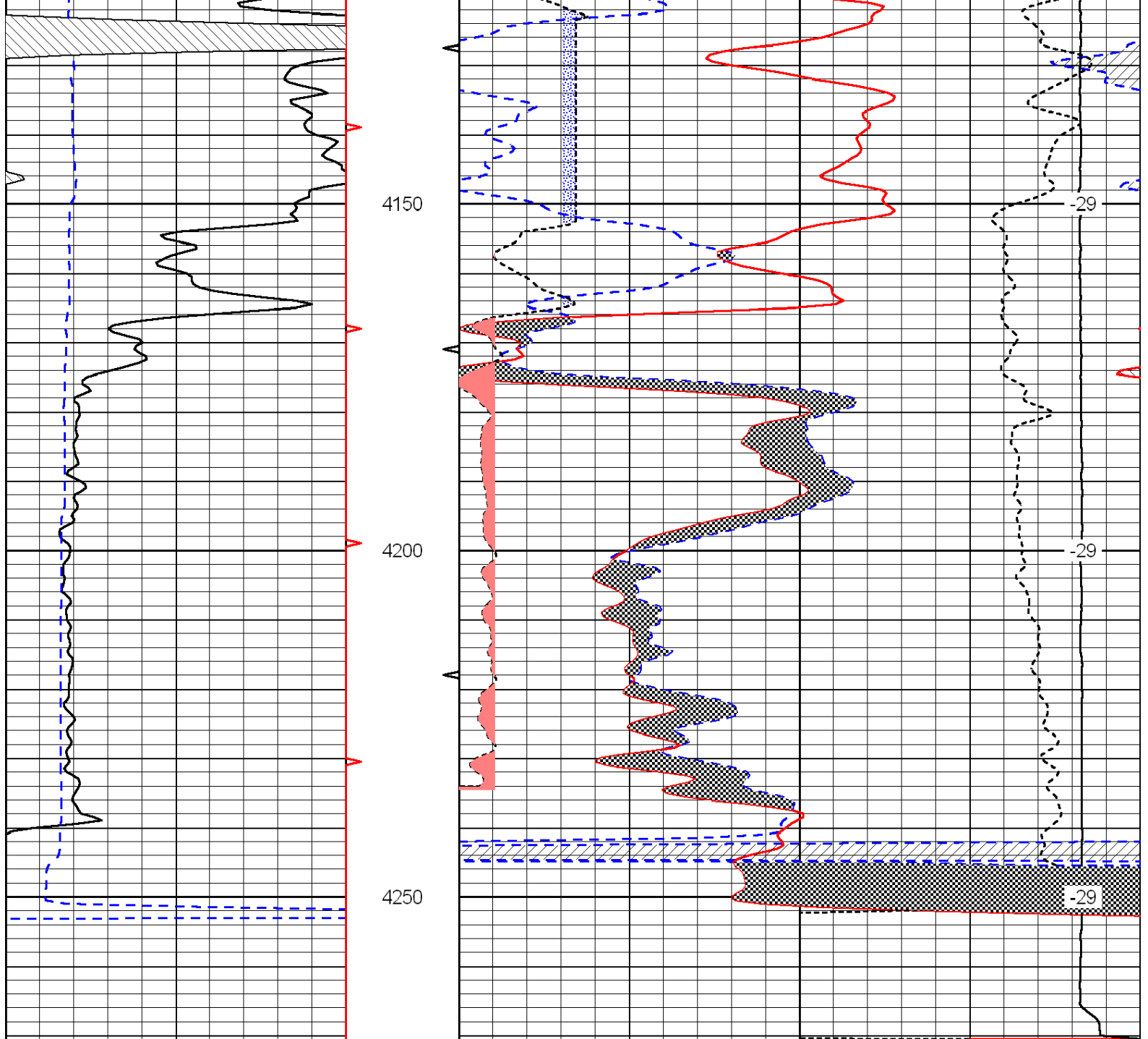
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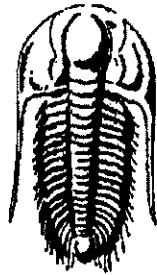




0	Gamma Ray	150
6	Caliper (GAPI)	16

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Prepared For: **MTM Petroleum INC**

2370 South State RD 14
Kingman KS 67068

ATTN: Nick Miller/ Jerry S

Hufford # 3

23-30s-7w Kingman,KS

Start Date: 2012.02.11 @ 10:12:03

End Date: 2012.02.11 @ 19:49:33

Job Ticket #: 47455 DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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

ORIGINAL

Printed: 2012.02.17 @ 16:31:06

MTM Petroleum INC

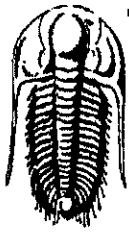
23-30s-7w Kingman,KS

Hufford # 3

DST # 1

KC Swope

2012.02.11



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

MTM Petroleum INC

23-30s-7w Kingman, KS

2370 South State RD 14
Kingman KS 67068

Hufford # 3

Job Ticket: 47455

DST#: 1

ATTN: Nick Miller/ Jerry S

Test Start: 2012.02.11 @ 10:12:03

GENERAL INFORMATION:

Formation: **KC Swope**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:50:48

Time Test Ended: 19:49:33

Test Type: Conventional Straddle (Initial)

Tester: Chris Staats

Unit No: 47

Interval: **3760.00 ft (KB) To 3790.00 ft (KB) (TVD)**

Total Depth: **3888.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: Fair

Reference Elevations: **1474.00 ft (KB)**

1464.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: 8166

Inside

Press@RunDepth: **152.40 psig @ 3761.00 ft (KB)**

Start Date: **2012.02.11**

End Date: **2012.02.11**

Start Time: **10:12:08**

End Time: **19:49:33**

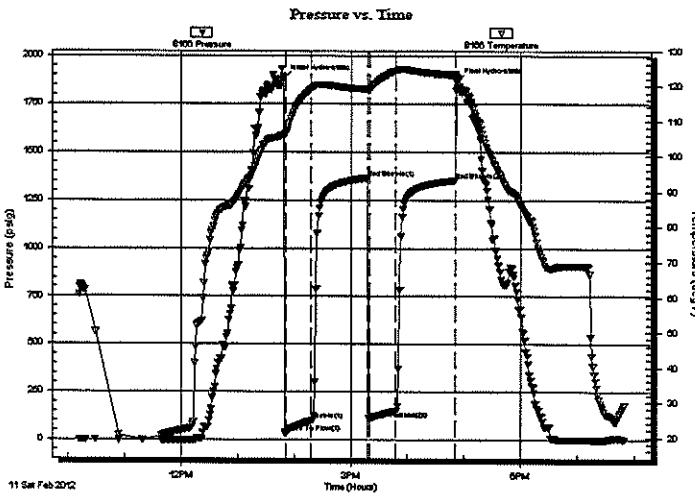
Capacity: **8000.00 psig**

Last Calib.: **2012.02.11**

Time On Btm: **2012.02.11 @ 13:49:18**

Time Off Btm: **2012.02.11 @ 16:52:18**

TEST COMMENT: IF: Strong blow BOB 9 min
IS: Weak blow back 1"
FF: Strong blow BOB 4 min
FS: Weak blow back 1"



PRESSURE SUMMARY

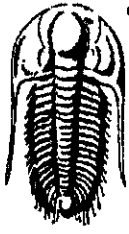
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1877.98	105.98	Initial Hydro-static
2	37.63	106.34	Open To Flow (1)
28	98.71	119.05	Shut-In(1)
89	1364.59	119.14	End Shut-In(1)
90	108.54	118.63	Open To Flow (2)
119	152.40	124.30	Shut-In(2)
182	1353.16	123.20	End Shut-In(2)
183	1864.18	122.61	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	G,O,W,M 20%gas 30%oil25%w ater25%r0.30	
62.00	O,W,M 5%oil 10%mud 85%w ater	0.36
186.00	W,M 5%mud 95% w ater	2.61

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

MTM Petroleum INC
2370 South State RD 14
Kingman KS 67068

ATTN: Nick Miller/ Jerry S

23-30s-7w Kingman,KS
Hufford # 3
Job Ticket: 47455 **DST#: 1**
Test Start: 2012.02.11 @ 10:12:03

GENERAL INFORMATION:

Formation: **KC Swope**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 13:50:48
Time Test Ended: 19:49:33

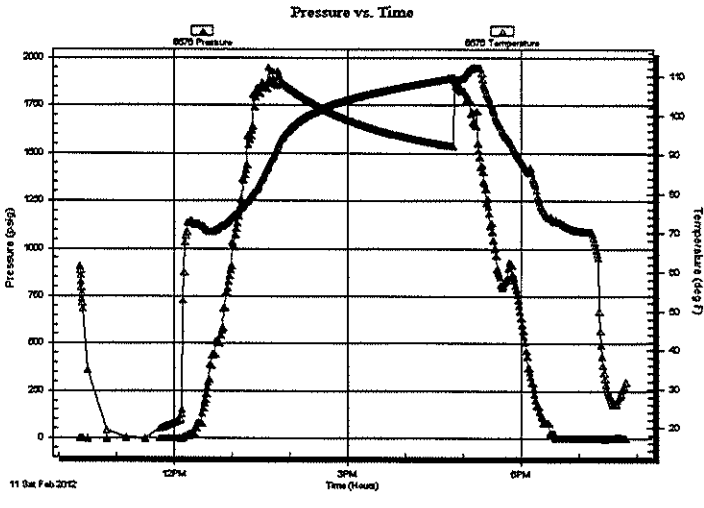
Interval: **3760.00 ft (KB) To 3790.00 ft (KB) (TVD)**
Total Depth: **3888.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: Fair

Test Type: Conventional Straddle (Initial)
Tester: Chris Staats
Unit No: 47

Reference Elevations: 1474.00 ft (KB)
1464.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8676 Below (Straddle)
Press@RunDepth: psig @ 3797.50 ft (KB)
Capacity: 8000.00 psig
Start Date: 2012.02.11 End Date: 2012.02.11 Last Calib.: 2012.02.11
Start Time: 10:22:14 End Time: 19:48:39 Time On Btm:
Time Off Btm:

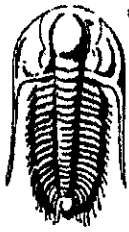
TEST COMMENT: IF: Strong blow BOB 9 min
IS: Weak blow back 1"
FF: Strong blow BOB 4 min
FS: Weak blow back 1"



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery		
Length (ft)	Description	Volume (bbl)
62.00	G,O,W,M 20%gas 30%oil25%w ater25%r0.30	0.30
62.00	O,W,M 5%oil 10%mud 85%w ater	0.36
186.00	W,M 5%mud 95% w ater	2.61

Gas Rates		
Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

TOOL DIAGRAM

MTM Petroleum INC

23-30s-7w Kingman,KS

2370 South State RD 14
Kingman KS 67068

Hufford # 3

Job Ticket: 47455

DST#: 1

ATTN: Nick Miller/ Jerry S

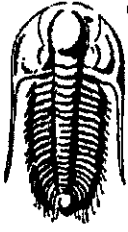
Test Start: 2012.02.11 @ 10:12:03

Tool Information

Drill Pipe:	Length: 3703.00 ft	Diameter: 3.80 inches	Volume: 51.94 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 118.00 ft	Diameter: 2.25 inches	Volume: 0.58 bbl	Weight to Pull Loose: 70000.00 lb
		Total Volume: 52.52 bbl		Tool Chased 2.00 ft
Drill Pipe Above KB:	85.00 ft			String Weight: Initial 62000.00 lb
Depth to Top Packer:	3760.00 ft			Final 63000.00 lb
Depth to Bottom Packer:	3894.00 ft			
Interval between Packers:	134.00 ft			
Tool Length:	158.00 ft			
Number of Packers:	3	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3737.00	
Shut In Tool	5.00			3742.00	
Hydraulic tool	5.00			3747.00	
Safety Joint	3.00			3750.00	
Packer	5.00			3755.00	24.00 Bottom Of Top Packer
Packer	5.00			3760.00	
Stubb	1.00			3761.00	
Recorder	0.00	6773	Outside	3761.00	
Recorder	0.00	8166	Inside	3761.00	
Perforations	30.00			3791.00	
Blank Off Sub	1.00			3792.00	
Packer - Shale	5.00			3797.00	
Change Over Sub	0.50			3797.50	
Recorder	0.00	8676	Below	3797.50	
Drill Pipe	93.00			3890.50	
Change Over Sub	0.50			3891.00	
Bullnose	3.00			3894.00	134.00 Bottom Packers & Anchor
Total Tool Length:	158.00				



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

MTM Petroleum INC

23-30s-7w Kingman,KS

2370 South State RD 14
Kingman KS 67068

Hufford # 3

Job Ticket: 47455

DST#: 1

ATTN: Nick Miller/ Jerry S

Test Start: 2012.02.11 @ 10:12:03

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 10.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.99 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: 0.02 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
62.00	G,O,W,M 20%gas 30%oil 25%w ater 25%mud	0.305
62.00	O,W,M 5%oil 10%mud 85%w ater	0.360
186.00	W,M 5%mud 95% w ater	2.609

Total Length: 310.00 ft Total Volume: 3.274 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

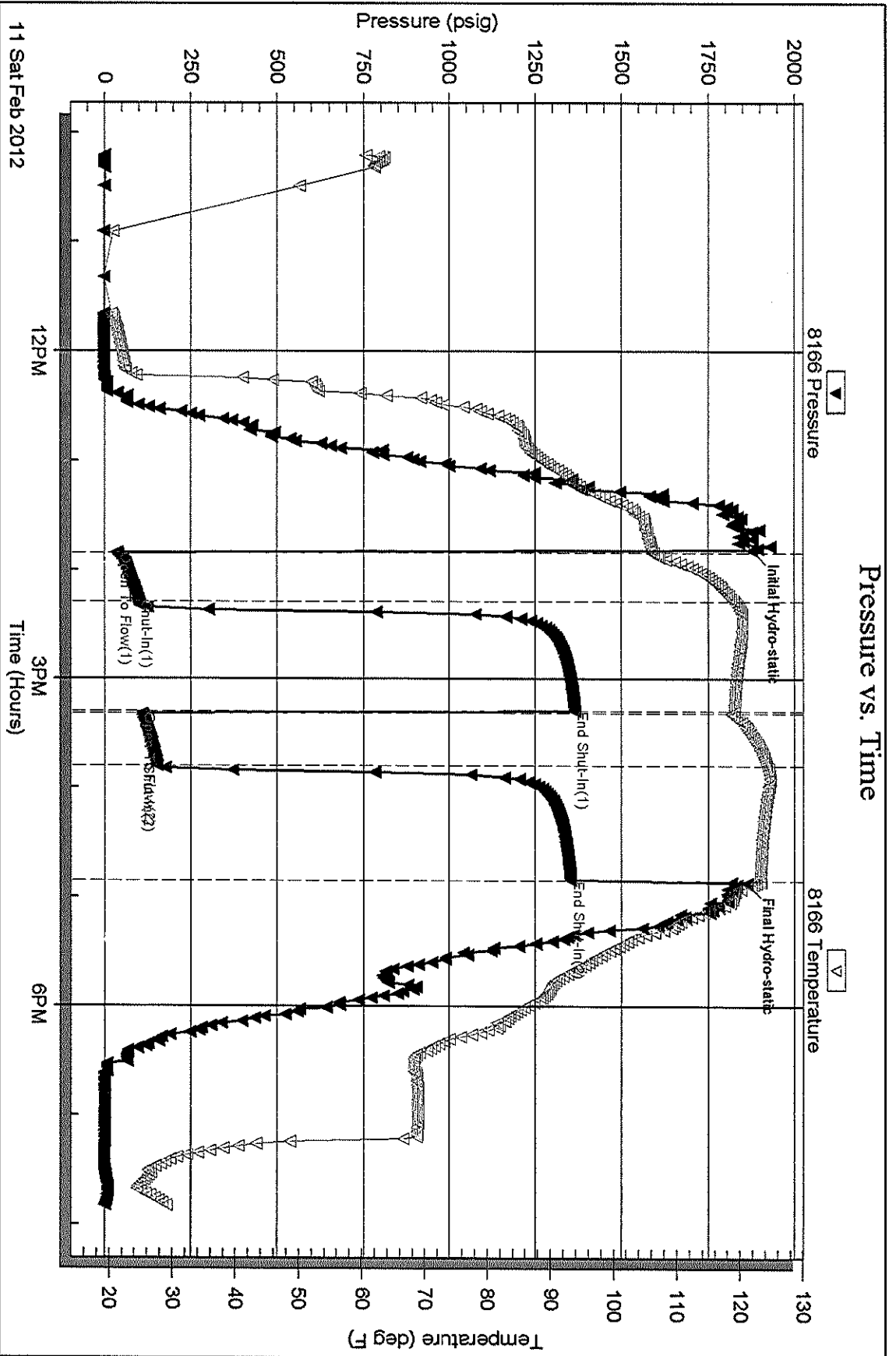
Serial #: 8166

Inside

MTM Petroleum INC

Hufford # 3

DST Test Number: 1



Trilocke Testing, Inc

Ref. No: 47455

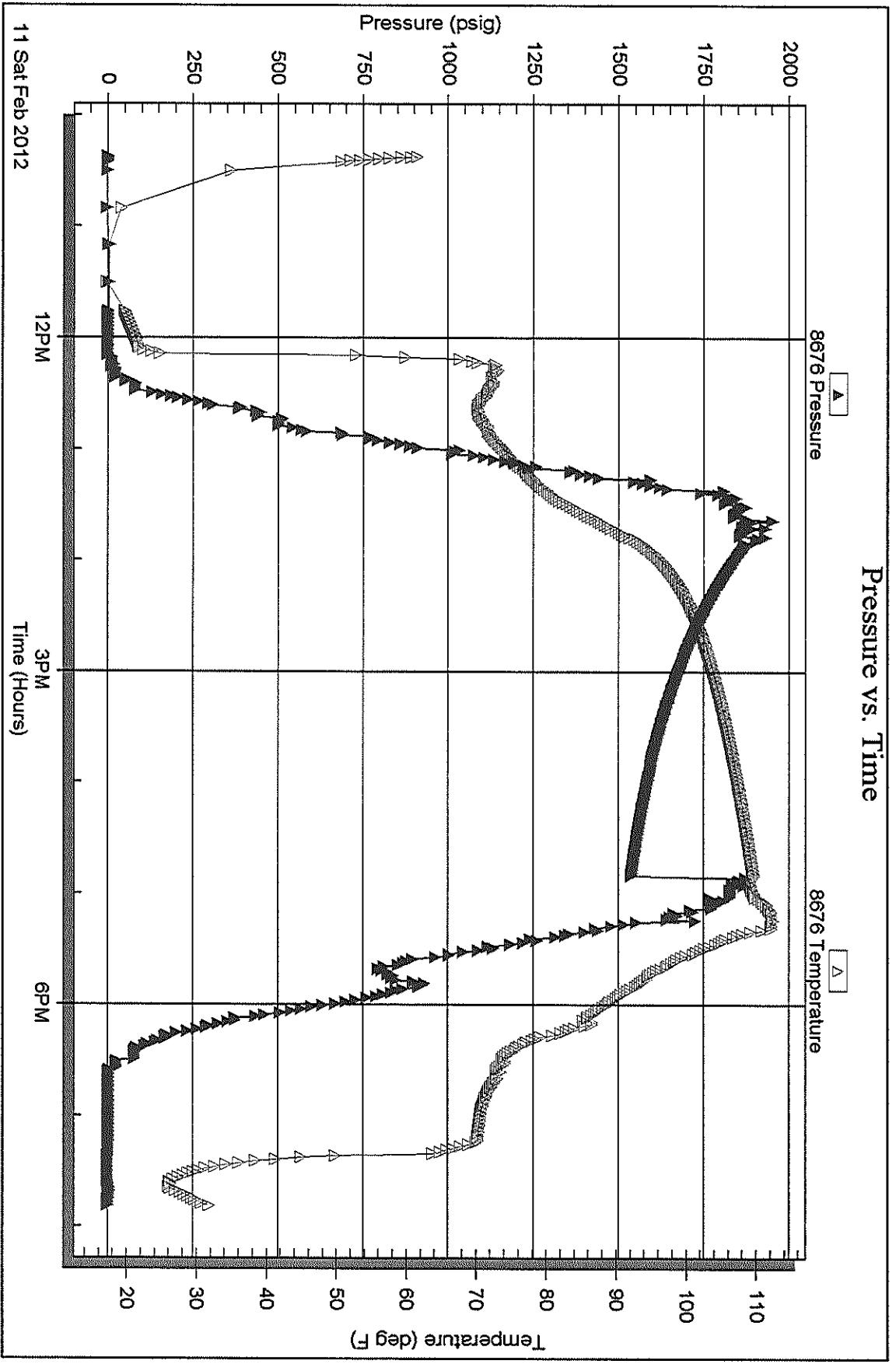
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Serial #: 8676

Below (Strat) Petroleum INC

Hufford # 3

DST Test Number: 1

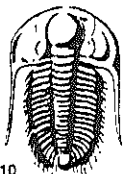


Tribble Testing, Inc

Ref. No: 47455

Printed: 2012.02.17 @ 16:31:08





TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
FEB 17 2012

Test Ticket

NO. 47455

Well Name & No. M+M Petroleum INC HOFFORD #3 Test No. 1 Date 2-11-12
 Company M+M Petroleum INC Elevation 1474 KB KB 1464 GL
 Address 2370 SOUTH STATE Road 14 Kingman KS 67068
 Co. Rep / Geo. NICK MILLER / JERRY SMITH Rig Hardt #1
 Location: Sec. 23 Twp. 30S Rge. 7W Co. Kingman State KS

Interval Tested 3760-3790 Zone Tested KC SWOPE
 Anchor Length 20' Drill Pipe Run 3703 Mud Wt. 9.5
 Top Packer Depth 3755 Drill Collars Run 118 Vis 48
 Bottom Packer Depth 3760 Wt. Pipe Run 0 WL 10.0
 Total Depth 3888 Chlorides 4000 ppm System LCM 0

Blow Description IF: STRONG blow BOB 9min
ISI: WEAK blow back 1"
FF: STRONG blow BOB 4min
FSL WEAK blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>62'</u>	<u>G, W, M</u>	<u>20</u>	<u>30</u>	<u>25</u>	<u>25</u>
<u>62'</u>	<u>O, W, M</u>	<u>0</u>	<u>5</u>	<u>85</u>	<u>10</u>
<u>186'</u>	<u>W, M</u>	<u>0</u>	<u>0</u>	<u>95</u>	<u>5</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

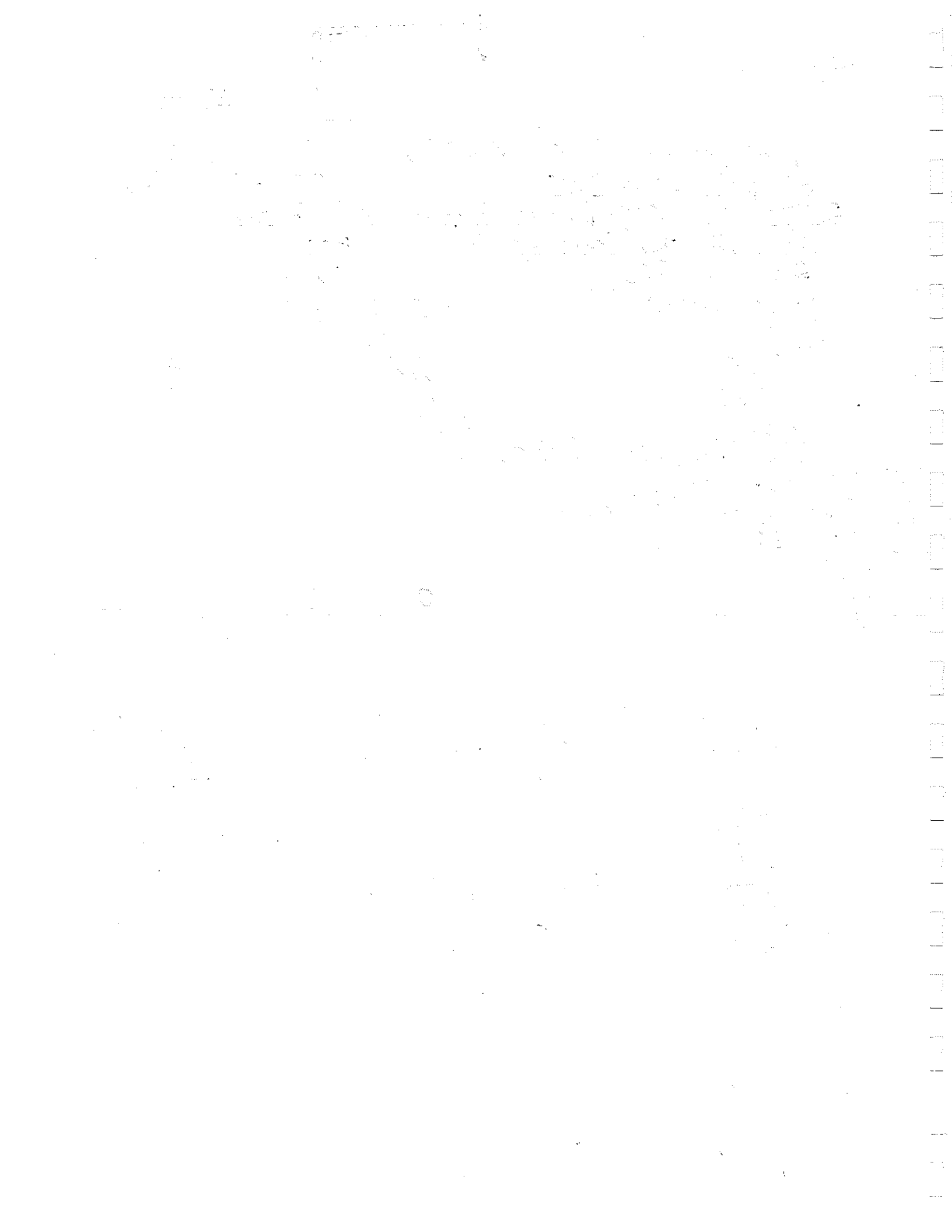
Rec Total 310' BHT 125 Gravity - API RW 98 @ 23 °F Chlorides 23,000 ppm

(A) Initial Hydrostatic 1877 Test 1125- T-On Location 10:00 AM
 (B) First Initial Flow 37 Jars _____ T-Started 10:12
 (C) First Final Flow 98 Safety Joint 75- T-Open 13:50
 (D) Initial Shut-In 1364 Circ Sub _____ T-Pulled 5:00
 (E) Second Initial Flow 108 Hourly Standby _____ T-Out 7:40
 (F) Second Final Flow 152 Mileage 130 miles 82- Comments _____
 (G) Final Shut-In 1353 Sampler _____
 (H) Final Hydrostatic 1864 Straddle 1000- Ruined Shale Packer _____

Initial Open 30 Shale Packer _____
 Initial Shut-In 60 Extra Packer _____
 Final Flow 30 Extra Recorder _____
 Final Shut-In 60 Day Standby _____
 Sub Total 1982- Accessibility _____
 Total 1982- MP/DST Disc't _____

Approved By [Signature] Our Representative Christa

TriLOBITE TESTING INC. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.





INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 130129

Invoice Date: Feb 6, 2012

Voice: (817) 546-7282

Page: 1

Fax: (817) 246-3361

Bill To:

MTM Petroleum, Inc
P O Box 391
Kingman, KS 67068-0391

Federal Tax I.D.#: 20-8651475

Customer ID	Well Name# or Customer P.O.	Payment Terms	
MTM	Hufford #3	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS2-01	Medicine Lodge	Feb 6, 2012	3/7/12

Quantity	Item	Description	Unit Price	Amount
90.00	MAT	Class A Common	16.25	1,462.50
60.00	MAT	Pozmix	8.50	510.00
3.00	MAT	Gel	21.25	63.75
5.00	MAT	Chloride	58.20	291.00
158.00	SER	Handling	2.25	355.50
30.00	SER	Mileage	17.38	521.40
1.00	SER	Surface	1,125.00	1,125.00
30.00	SER	Heavy Vehicle Mileage	7.00	210.00
30.00	SER	Light Vehicle Mileage	4.00	120.00
1.00	CEMENTER	David Felio		
1.00	EQUIP OPER	Adam Miller		
1.00	CEMENTER	Carl Balding		
1.00	OPER ASSIST	George Wright		
1.00	OPER ASSIST	Garret McLemore		

PAID
FEB 24 2012

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ **931.83**

ONLY IF PAID ON OR BEFORE

Mar 2, 2012

Subtotal	4,659.15
Sales Tax	146.62
Total Invoice Amount	4,805.77
Payment/Credit Applied	
TOTAL	4,805.77

ALLIED CEMENTING CO., LLC. 038032

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Medicine Lodge KS

DATE <i>02-06-12</i>	SEC <i>23</i>	TWP <i>30s</i>	RANGE <i>07W</i>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <i>1000pm</i>
LEASE <i>Hufford</i>	WELL # <i>3</i>	LOCATION <i>Range (K), 2s, 2E, 5/20</i>			COUNTY <i>Kingman</i>	STATE <i>KS</i>	
OLD OR NEW (Circle one)							

CONTRACTOR *Hardt #1* OWNER *MTM*

TYPE OF JOB *Surface*

HOLE SIZE <i>12 1/4</i>	T.D. <i>221</i>
CASING SIZE <i>8 5/8</i>	DEPTH <i>225</i>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRE. MAX <i>250 #</i>	MINIMUM <i>-</i>
MEAS. LINE	SHOE JOINT <i>N/A</i>
CEMENT LEFT IN CSG. <i>20'</i>	
PERFS.	
DISPLACEMENT <i>13 Bbls Fresh H₂O</i>	

EQUIPMENT

PUMP TRUCK	CEMENTER <i>D. Felio</i>
<i>#360-26S</i>	HELPER <i>A. Miller / C. Baldwin</i>
BULK TRUCK	
<i>#364</i>	DRIVER <i>G. Wright / G. McLemore</i>
BULK TRUCK	
#	DRIVER

CEMENT AMOUNT ORDERED *150sx 60:40:2%_g + 3%*
CC

COMMON <i>class A</i>	<i>90%</i>	<i>1462.50</i>
POZMIX	<i>60%</i>	<i>510.00</i>
GEL	<i>3%</i>	<i>63.75</i>
CHLORIDE	<i>5%</i>	<i>291.00</i>
ASC	@	
	@	
	@	
	@	
	@	
	@	
	@	
	@	
	@	
	@	
	@	
	@	
HANDLING <i>158</i>	@	<i>355.50</i>
MILEAGE		<i>521.40</i>
TOTAL		<i>3204.15</i>

REMARKS:
Pipe on Btm, Break Casing, Pump Spacers, Mix 150sx 60:40 cement, Start Disp. w/ Fresh H₂O wash truck down hole, Slow Rate, Stop Pump at 13 Bbls total Disp., Shut in, Cement D. & Casing.

SERVICE

DEPTH OF JOB	<i>225</i>	
PUMP TRUCK CHARGE		<i>1125.00</i>
EXTRA FOOTAGE	@	
MILEAGE	<i>30</i>	<i>210.00</i>
MANIFOLD	<i>N/A</i>	@ <i>AK</i>
<i>light Vehicle</i>	<i>30</i>	@ <i>120.00</i>
	@	
TOTAL		<i>1455.00</i>

CHARGE TO: *MTM*

STREET _____

CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

<i>None</i>	@	
	@	
	@	
	@	
	@	
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 *Scott C Adelman*

SIGNATURE *Scott C Adelman*

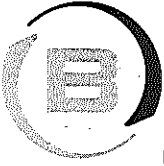
SALES TAX (If Any)	
TOTAL CHARGES	<i>4659.15</i>
DISCOUNT	
IF PAID IN 30 DAYS	<i>3727.32</i>
<i>Bill Net</i>	

Customer MFM Petroleum, Incorporated	Lease No. Perorated	Date 2-13-12
Lease Hufford	Well # 3	
Field Order # 5797	Station Pratt, Kansas	Casing 112 10.5lb
	Depth 4250	County Fineman
Type Job C.N.W. - Longstring	Formation	State Kansas
		Legal Description 23-305-7W

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 112 10.5lb	Tubing Size 5 1/2	Shots/Ft 170	Acid sacks AA 2 with	Rate 5.8	Press fluid loss	ISIP 28	Defoamer	
Depth 4250	Depth Feet	From 18	To Gas	Rate 10.5	Press lb/stk	ISIP 5	Min.	
Volume 62.8	Volume Bbl	From 15	To Gal.	Rate 5	Press Gal/stk	ISIP 1.43	CL	
Max Press 1500	Max Press PSI	From 15	To Frac	Avg		ISIP 15	Min.	
Well Connection Plug Container	Annulus Vol. From	To 30	sacks 60/40 Poz to	HHP Used plug Rat	Hole	Annulus Pressure		
Plug Depth 4200	Packer Depth From	To	Flush 66.9	Gas Volume Bbl	28	Total Load		

Customer Representative Mick Miller	Station Manager David Scott	Treater Clarence R. Messich
Service Units 37,216	19,903	19,905
Driver Names Messich	Mattal	Pierson

Time AM	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
4:00					Trucks on location and hold safety meeting.
4:40					Hardt Drilling start to run Auto Fill Float Shoe. Shoe Joint with Latch Down Baffle screwed into collar and a total of 96 Joints new 10.5 Lb/Ft. 4 1/2" casing. A Turbolizer was installed on collar # 1, 3, 6, 10 and # 14.
7:00					Casing in well. Circulate for 45 minutes.
7:50	2500				Shut in well and Pressure Test. Open Well.
7:54	300			6	Start 28 HCL Pre-Flush.
			20	6	Start Super Flush.
			44	5	Start Fresh water spacer.
	350		47	5	Start mixing 170 sacks AA 2 cement.
	-0-		90		Stop pumping. Shut in well. Wash pump and lines. Release Latch Down Plug. Open Well.
8:13	100			6.5	start 28 HCL Displacement.
			40	5	start to lift cement
8:25	800		66.9		Plugdown
	1500				Pressure up
					Release pressure Float Shoe held
	-0-		7	3	Plug Rat hole
					Washup pump truck
9:00					Job Complete
					Thank You
					Clarence, Mike, Jesse



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

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

FIELD SERVICE TICKET
1718 05791 A

23-305-TW

DATE _____ TICKET NO. _____

DATE OF JOB 2-13-12	DISTRICT Pratt, Kansas	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 MTM Petroleum, Incorporated	LEASE Hufford	WELL NO. 3					
ADDRESS	COUNTY Kingman	STATE Kansas					
CITY	STATE	SERVICE CREW C. Messick M. Mattal J. Pierson					
AUTHORIZED BY	JOB TYPE: C.N.W. - Longstring						

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED	DATE	AM	PM	TIME
37216	1						2-13-12			1:00
						ARRIVED AT JOB				4:00
19903-19905	1					START OPERATION				8:00
						FINISH OPERATION				9:00
19851-19862	1					RELEASED	2-13-12			9:10
						MILES FROM STATION TO WELL				50

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

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	\$ AMOUNT
CP105	99.2 Cement	sh	170		
CP103	60/40 Poz Cement	sh	50		
CC105	C-41P	Lb	32		
CC111	Salt	Lb	845		
CC115	C-44	Lb	160		
CC129	FLA-322	Lb	80		
CC201	Gilsonite	Lb	848		
CF606	Latch Down Plug and Baffle, 4 1/2"	ea	1		
CF1250	Auto Fill Floet Shoe, 4 1/2"	ea	1		
CF1650	Turbolizer, 4 1/2"	ea	5		
C704	Clay max	Gal	4		
CC155	Super Flush II	Gal	1000		
E100	Pickup Mileage	mi	50		
E101	Heavy Equipment Mileage	mi	100		
E113	Bulk Delivery	tm	508		
CE205	Cement Pump: 4,000 Feet To 5,000 Feet	hrs	4		
CE240	Blending and Mixing Service	sh	220		
CE504	Plug Container	Job	1		
S003	Service Supervisor	hrs	8		

SUB TOTAL

CHEMICAL / ACID DATA:			

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

SERVICE REPRESENTATIVE
[Signature]

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:
[Signature]
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

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

March 27, 2012

Nick Miller
MTM Petroleum, Inc.
2370 South State Road 14
PO BOX 391
KINGMAN, KS 67068-0391

Re: ACO1
API 15-095-22245-00-00
Hufford 3
NE/4 Sec.23-30S-07W
Kingman 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,
Nick Miller