



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: _____



1059306

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
---	---

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
-----------------------------------	-----------	---------	-------------	---------------	---------

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: _____ _____
--	---	---



DIGITAL LOG (785) 625-3858

Dual Induction Log

API No.	15-051-26,137-00-00	
Company	TDL, Inc.	
Well	Jerry No. 2	
Field	Reichert	
County	Elis	State Kansas
Location	N/2 NW SW NE 1485' FNL & 2310' FEL	
Sec: 10	Twp: 15 S	Rge: 19 W
Other Services	CNL/CDL MEL	

Permanent Datum	Ground Level	Elevation 2035
Log Measured From	Kelly Bushing	10 Ft. Above Perm. Datum
Drilling Measured From	Kelly Bushing	
Date	6/28/2011	

Run Number	One
Depth Driller	3720
Depth Logger	3718
Bottom Logged Interval	3717
Top Log Interval	200
Casing Driller	8.625 @ 235
Casing Logger	233
Bit Size	7.875
Type Fluid in Hole	Chemical
Salinity, ppm CL	7500
Density / Viscosity	9.4 44
pH / Fluid Loss	8.0 14.6
Source of Sample	Flowline
Rm @ Meas. Temp	2.00 @ 78
Rmf @ Meas. Temp	1.5 @ 78
Rmc @ Meas. Temp	2.70 @ 78
Source of Rmf / Rmc	Charts
Rm @ BHT	1.38 @ 113
Operating Rig Time	3 1/2 Hours
Max Rec. Temp. F	113
Equipment Number	15
Location	Hays
Recorded By	D. Kerr
Witnessed By	Tom Denning

<<< Fold Here >>>

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

Comments

Thank you for using Log-Tech, Inc.
 (785) 625-3858
 Antonino KS, 1 West, 1 South
 1/2 West, South Into

Database File: c:\warrior\data\tldi_jerry no. 2\tldihd.db
 Dataset Pathname: dil\tdistk
 Presentation Format: dil2in
 Dataset Creation: Tue Jun 28 04:14:06 2011
 Charted by: Depth in Feet scaled 1:600

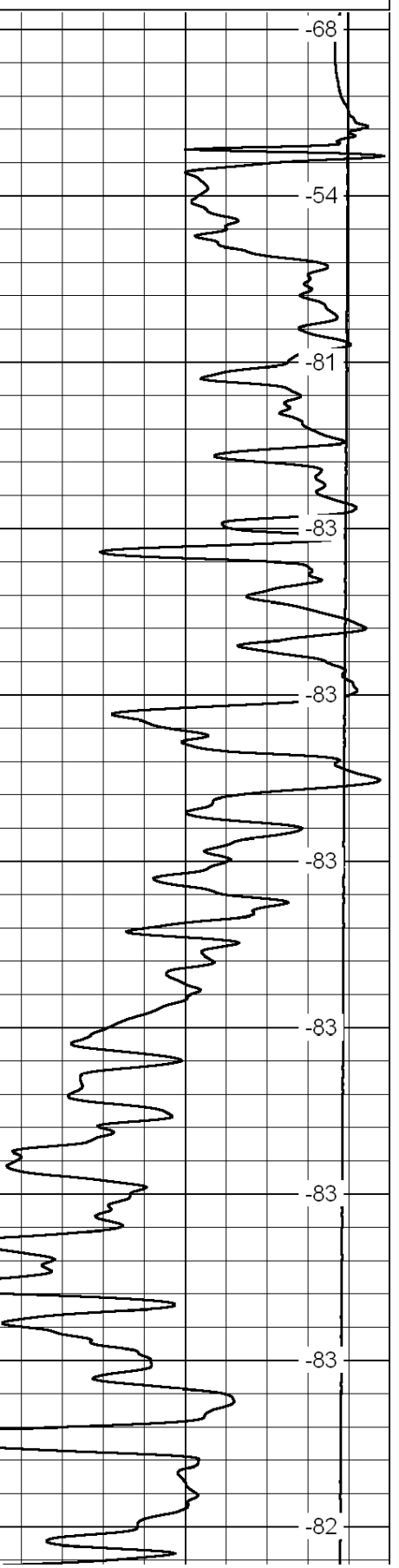
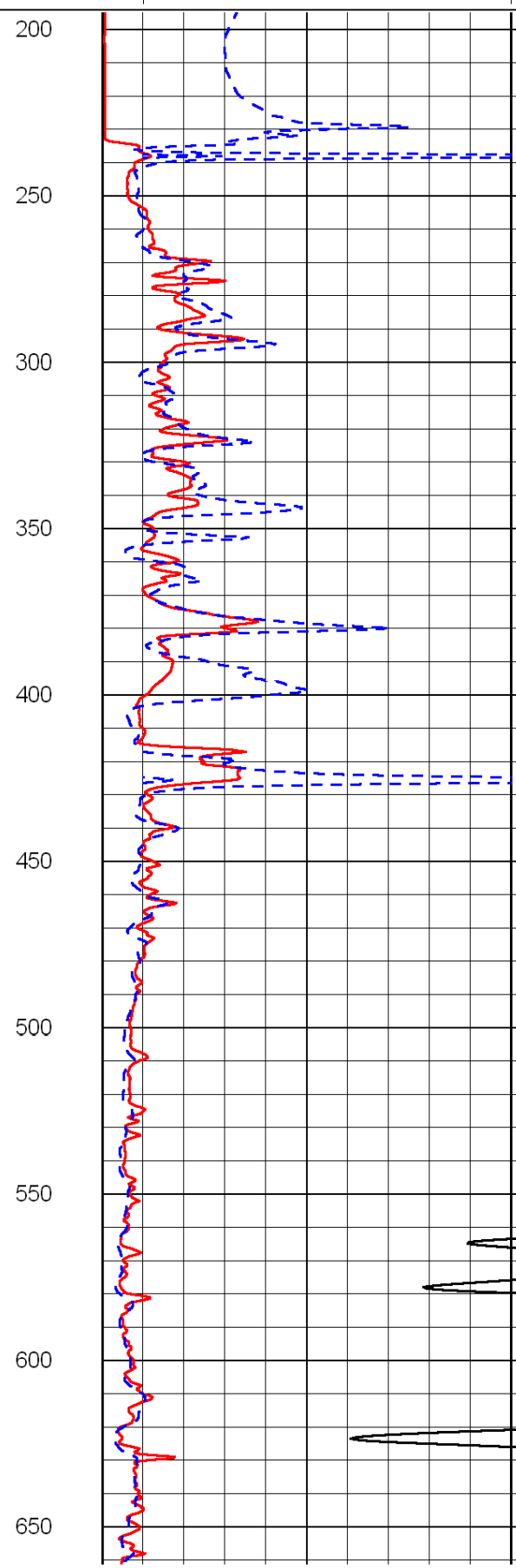
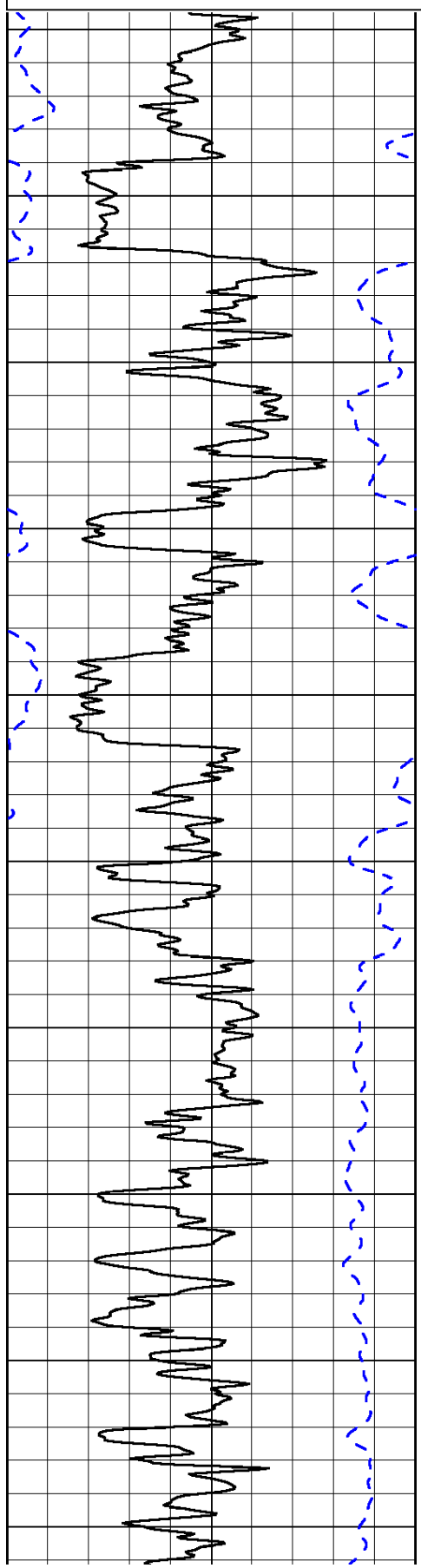
0	Gamma Ray	150
-200	SP (mV)	0

0	Shallow Resistivity	50
0	Deep Resistivity	50

LSPD

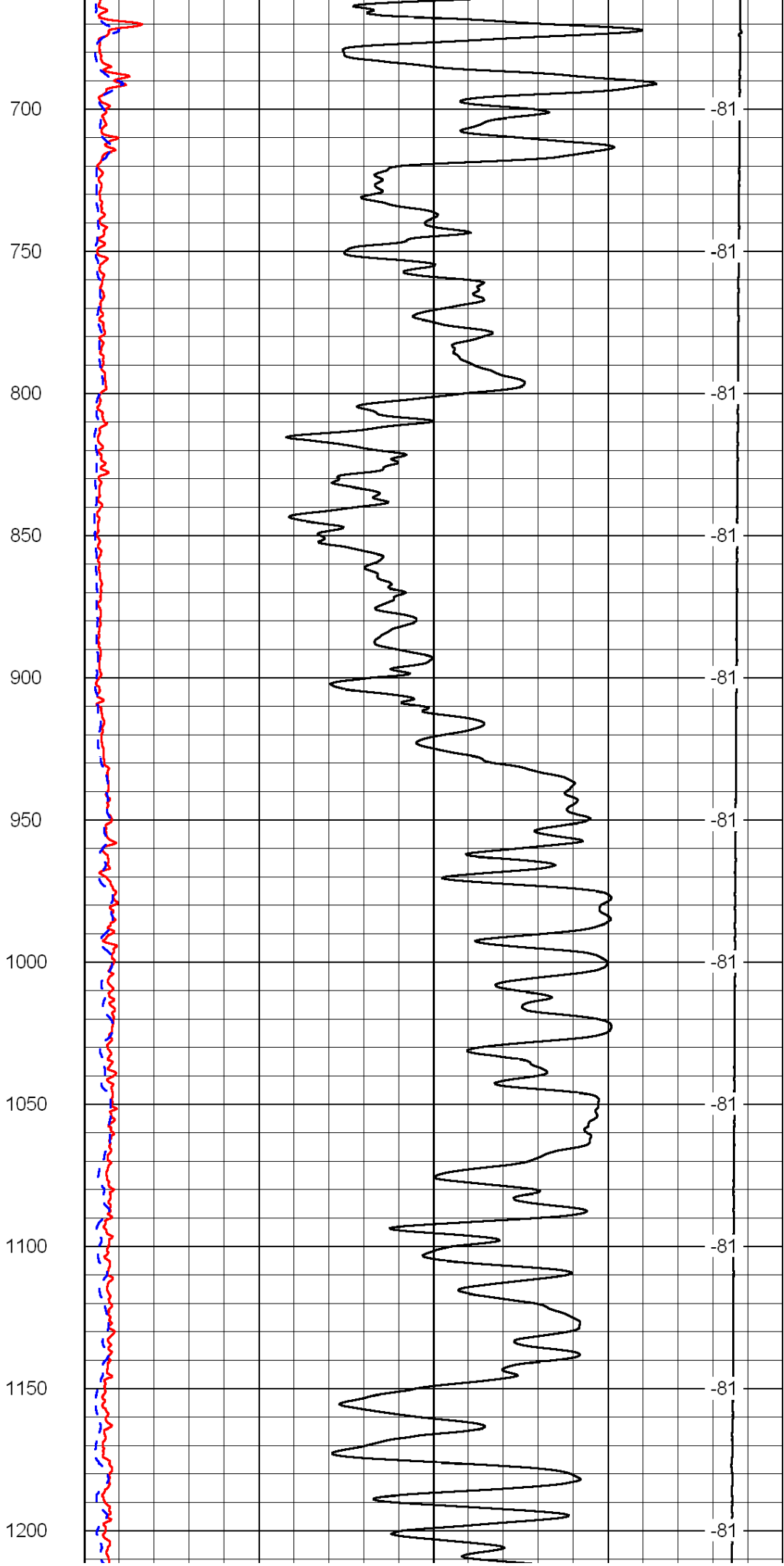
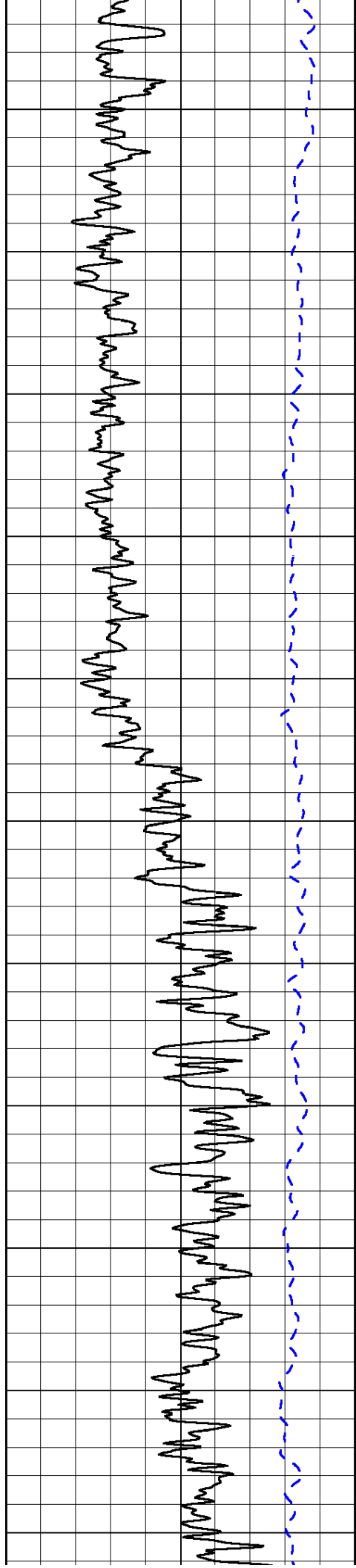
1000	Conductivity	0
15000	Line Tension	0

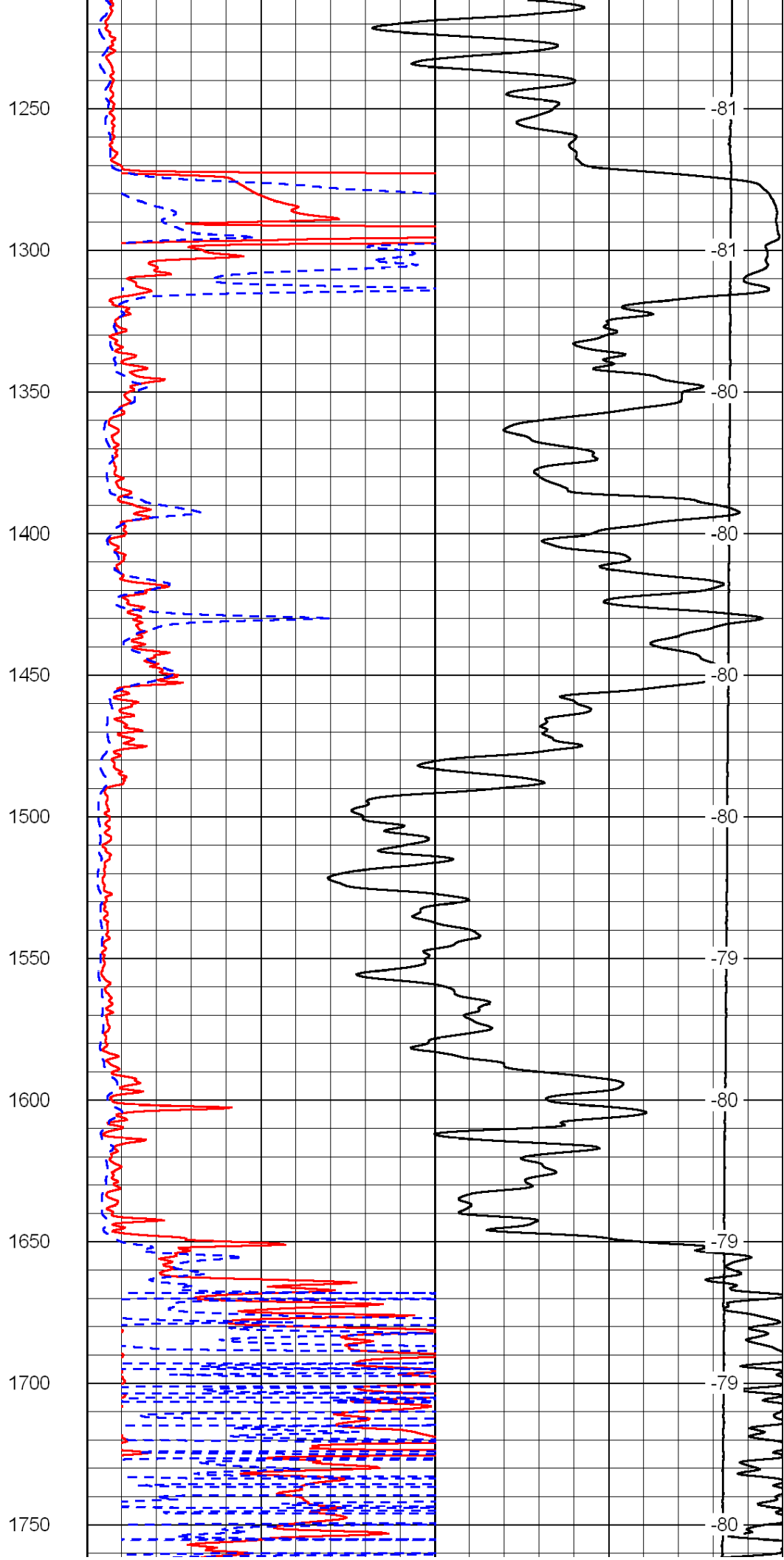
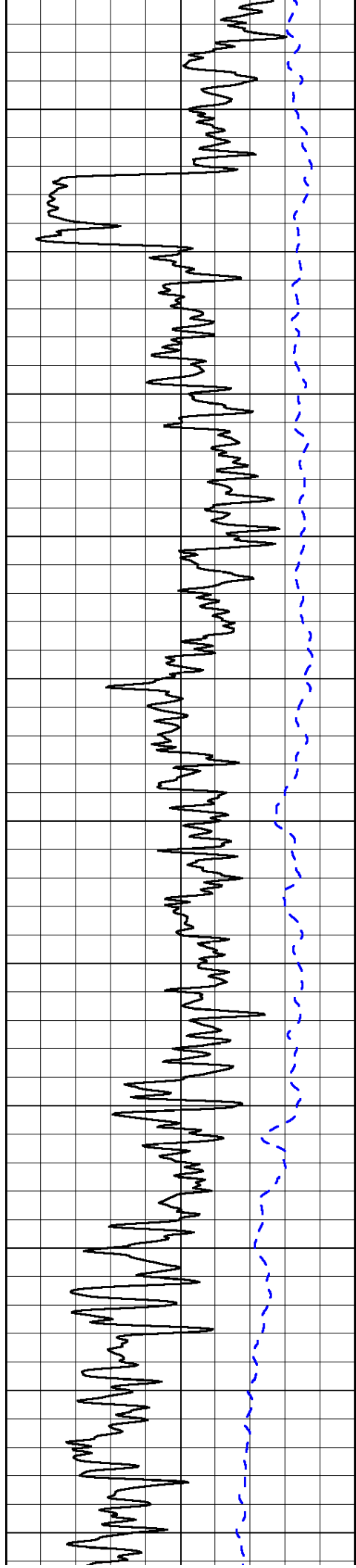
50	Shallow Resistivity	500
50	Deep Resistivity	500

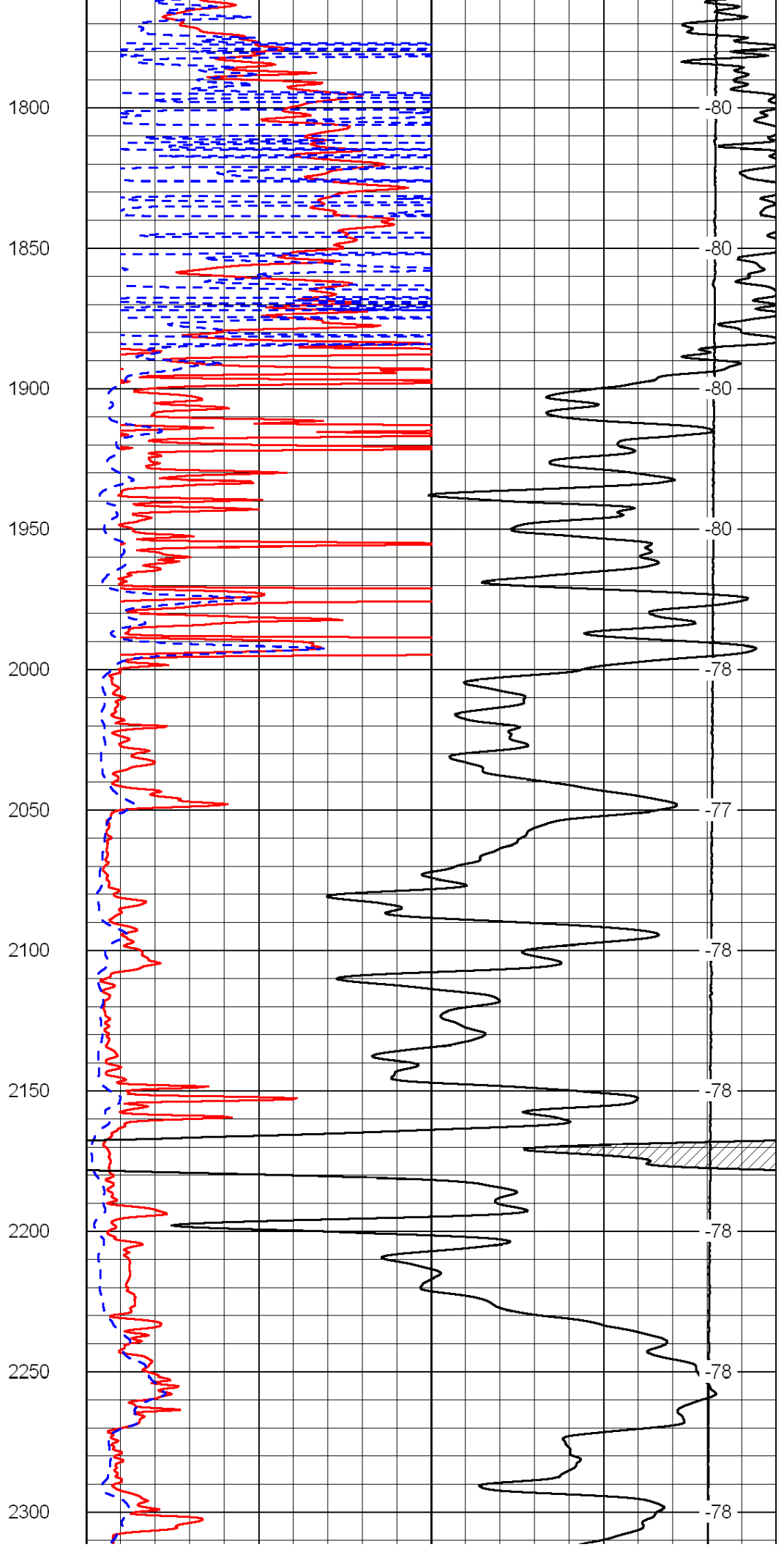
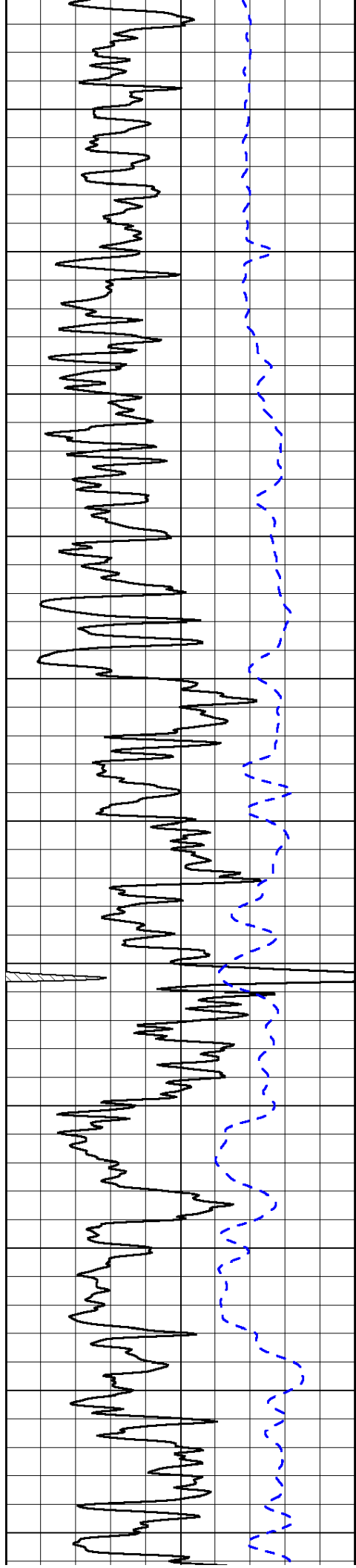


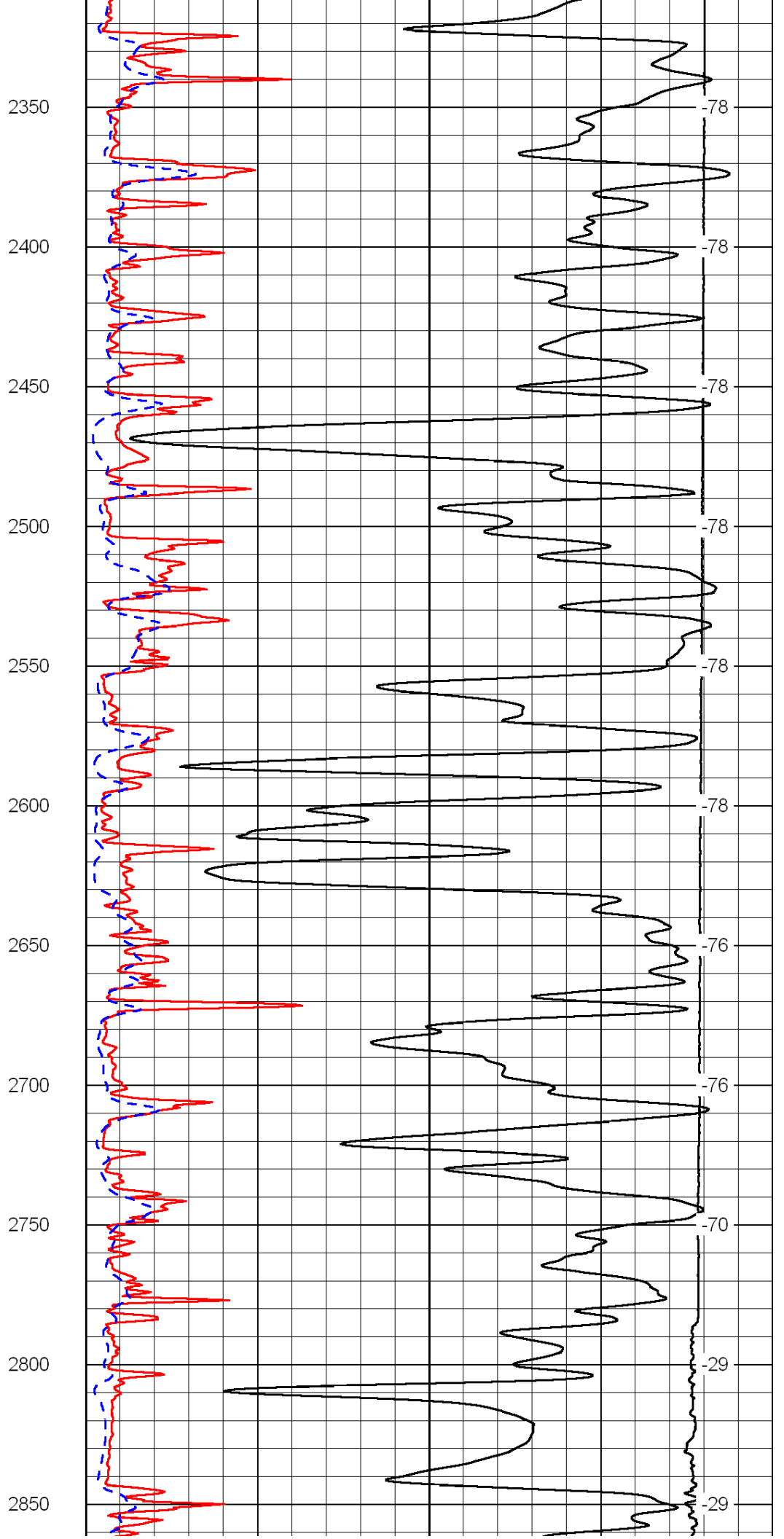
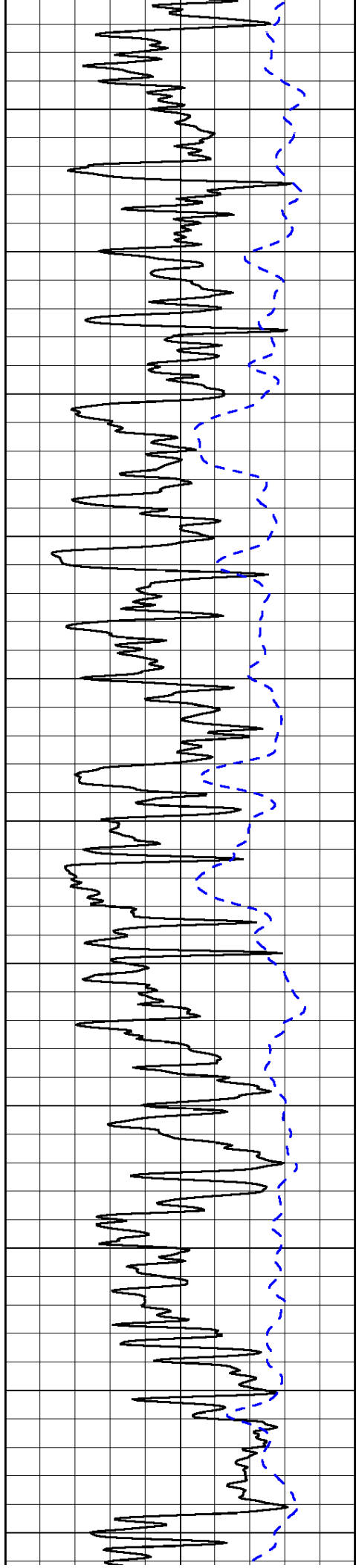
200
250
300
350
400
450
500
550
600
650

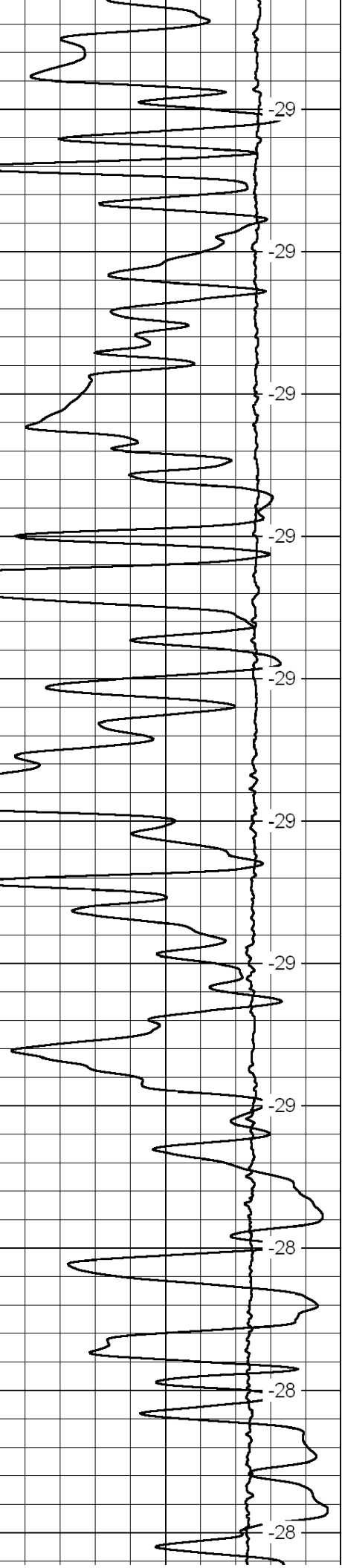
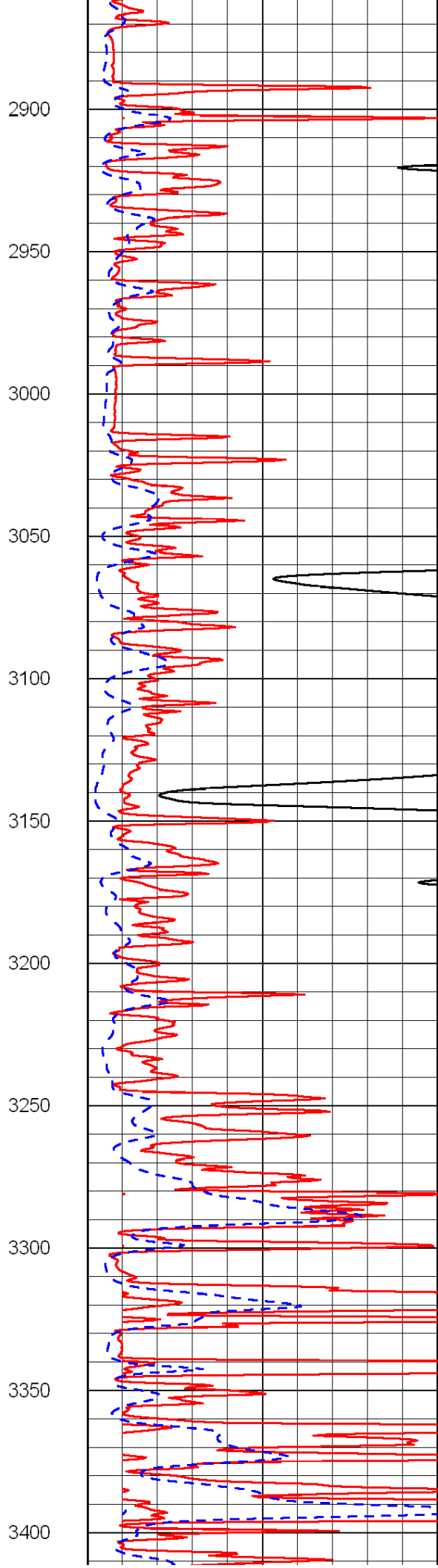
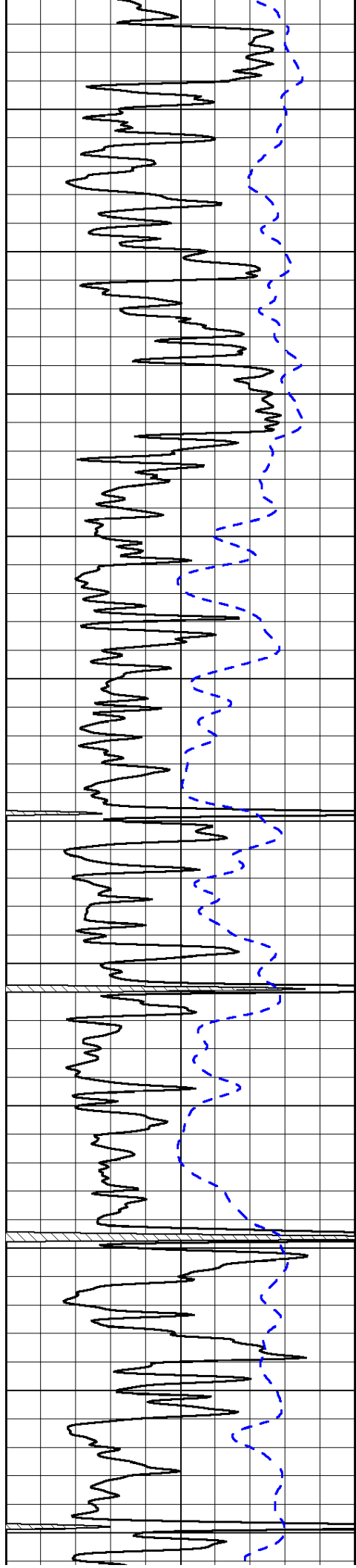
-68
-54
-81
-83
-83
-83
-83
-83
-83
-82

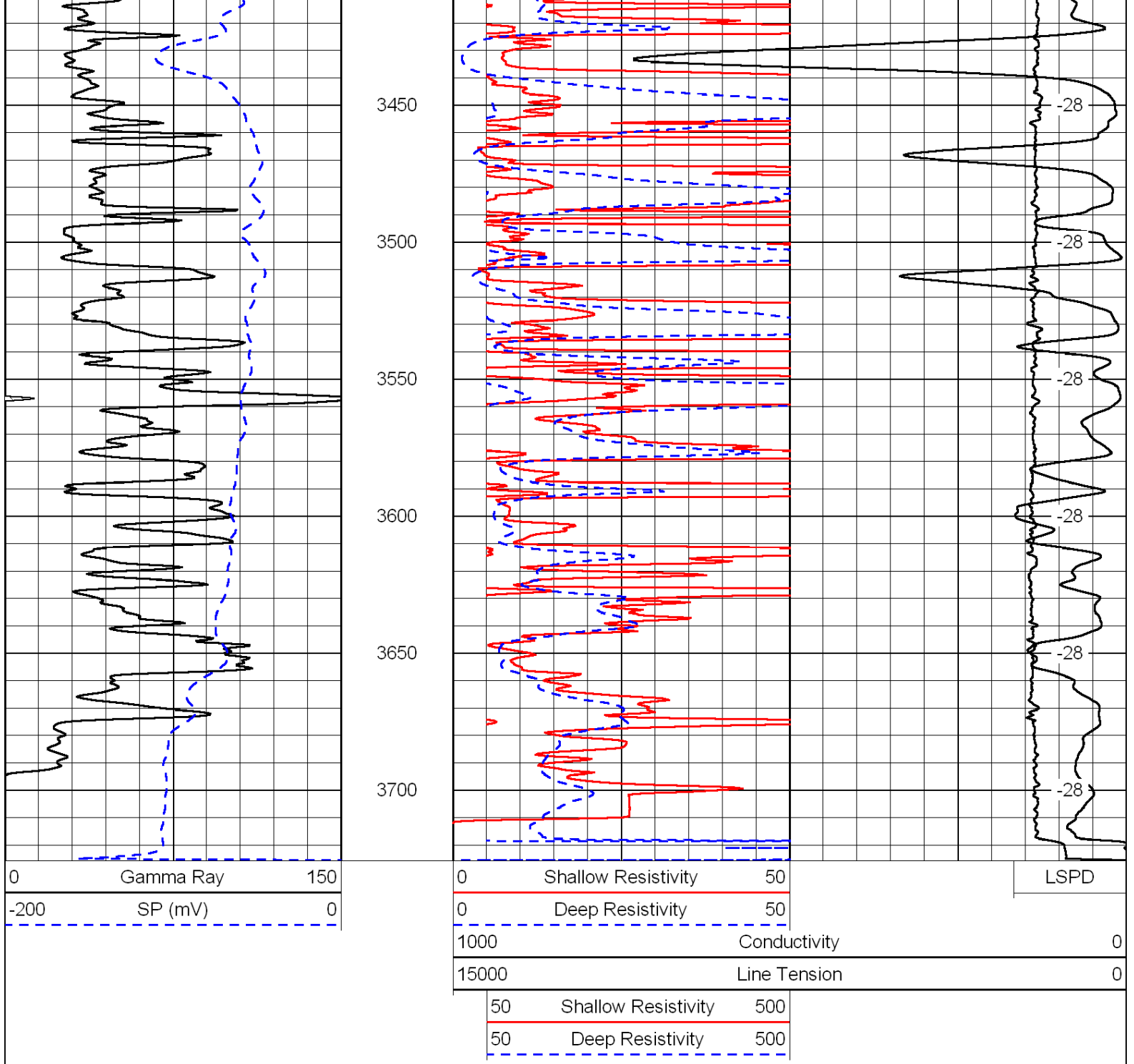




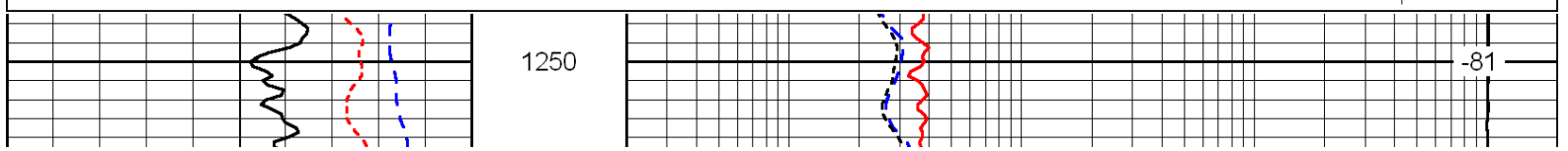
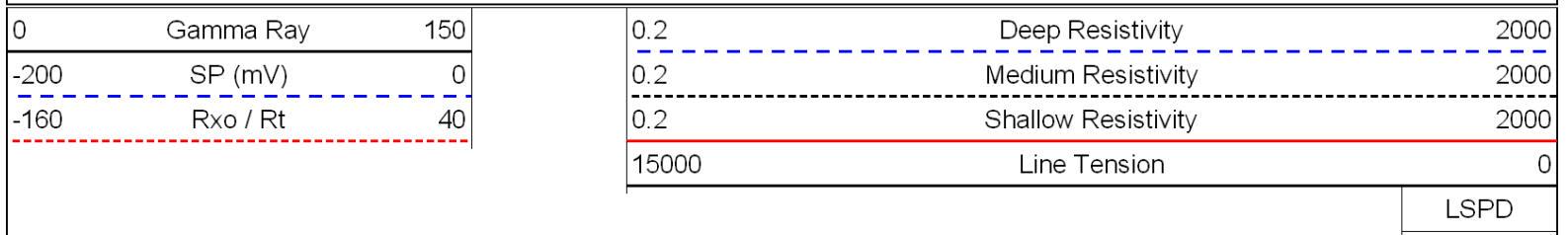


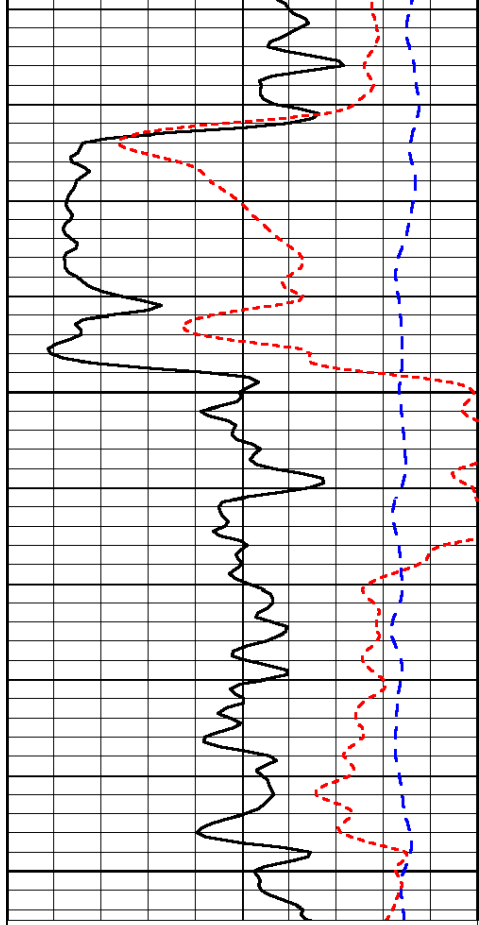






Database File: c:\warrior\data\tdi_jerry no. 2\tdihd.db
 Dataset Pathname: dil\tdistk
 Presentation Format: dil
 Dataset Creation: Tue Jun 28 04:14:06 2011
 Charted by: Depth in Feet scaled 1:240

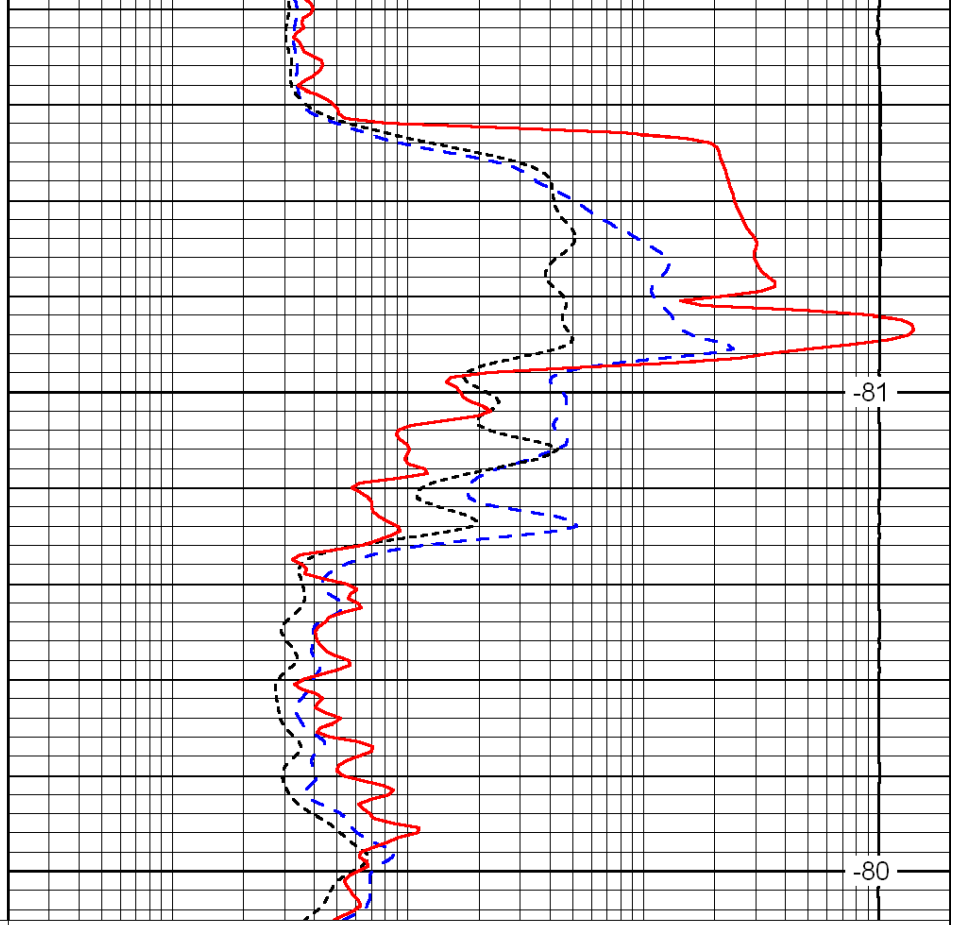




0	Gamma Ray	150
-200	SP (mV)	0
-160	Rxo / Rt	40

1300

1350



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

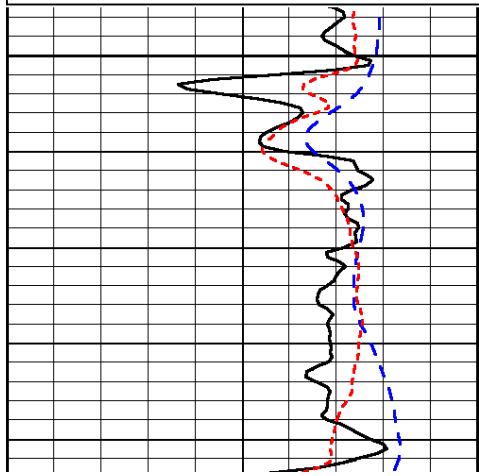
LSPD

Database File: c:\warrior\data\tdi_jerry no. 2\tdihd.db
 Dataset Pathname: dil\tdistk
 Presentation Format: dil
 Dataset Creation: Tue Jun 28 04:14:06 2011
 Charted by: Depth in Feet scaled 1:240

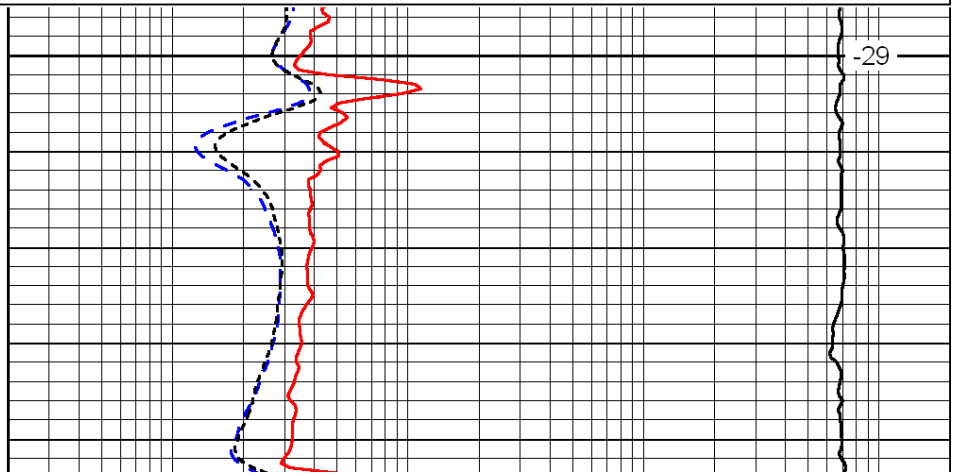
0	Gamma Ray	150
-200	SP (mV)	0
-160	Rxo / Rt	40

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

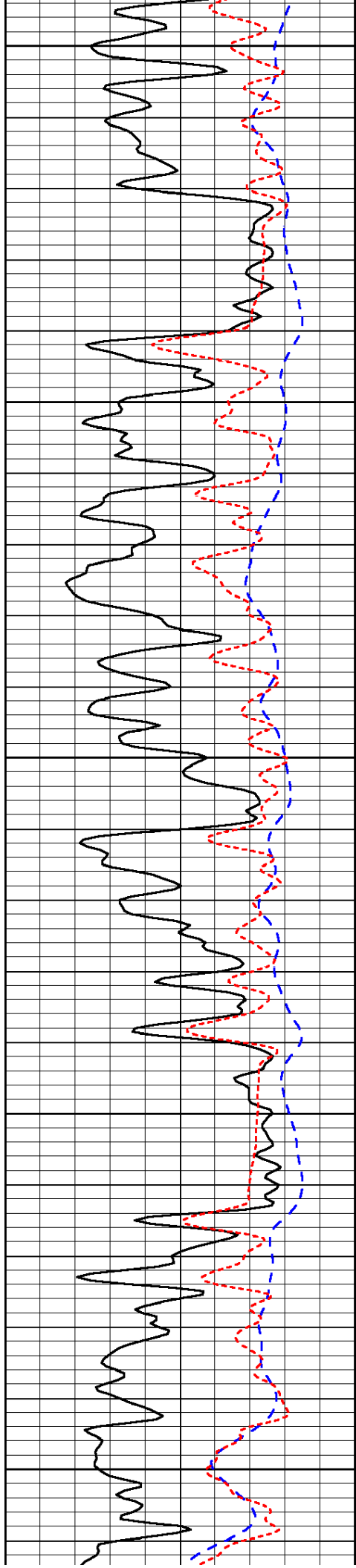
LSPD



2800



-29



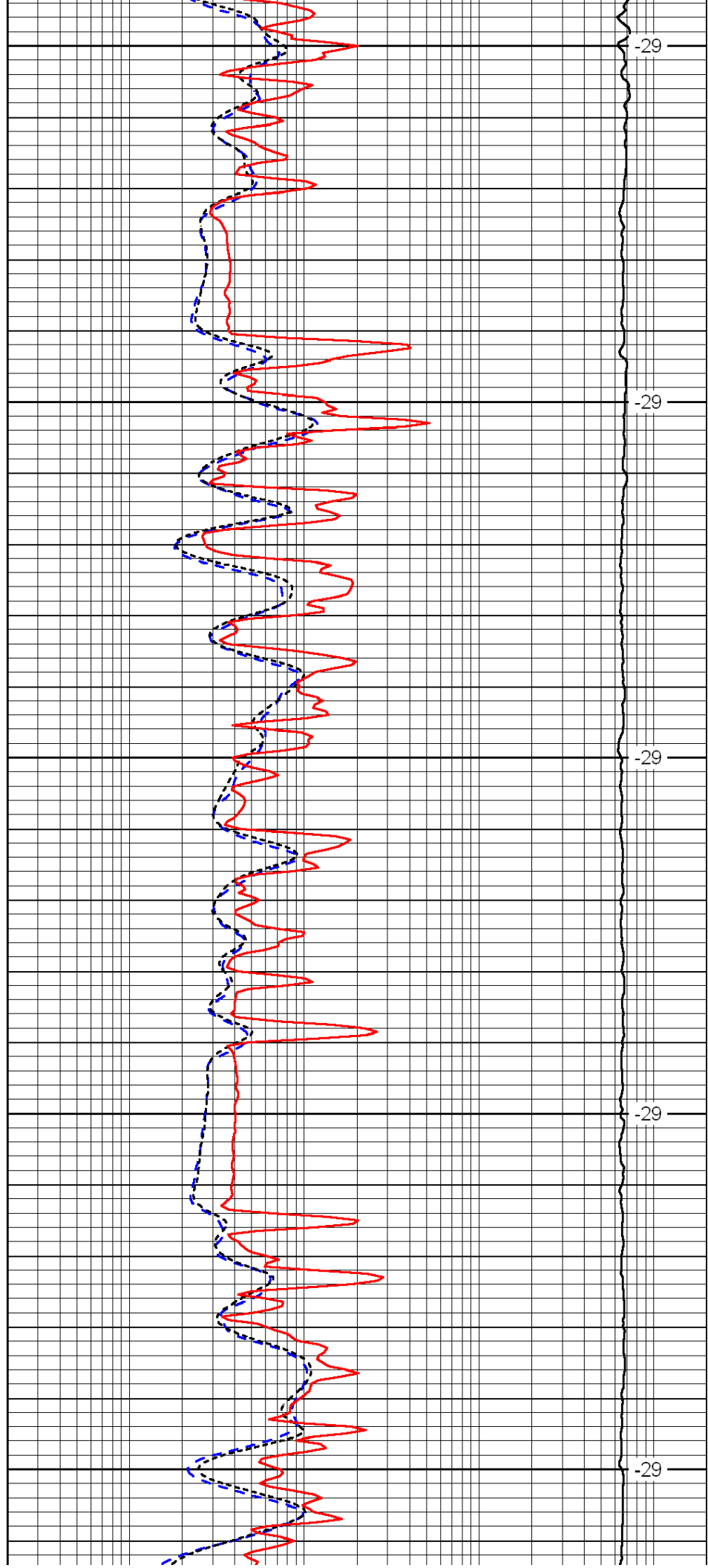
2850

2900

2950

3000

3050



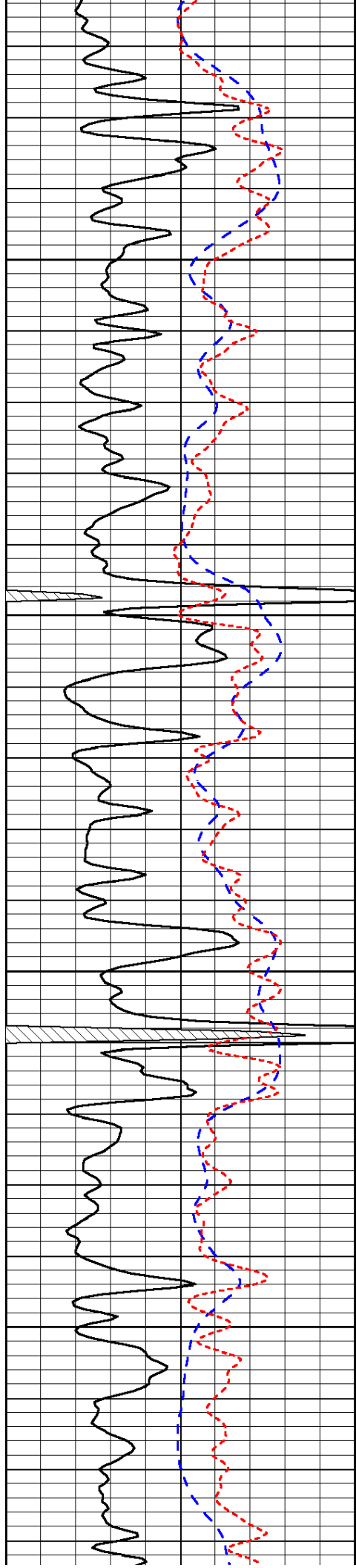
-29

-29

-29

-29

-29

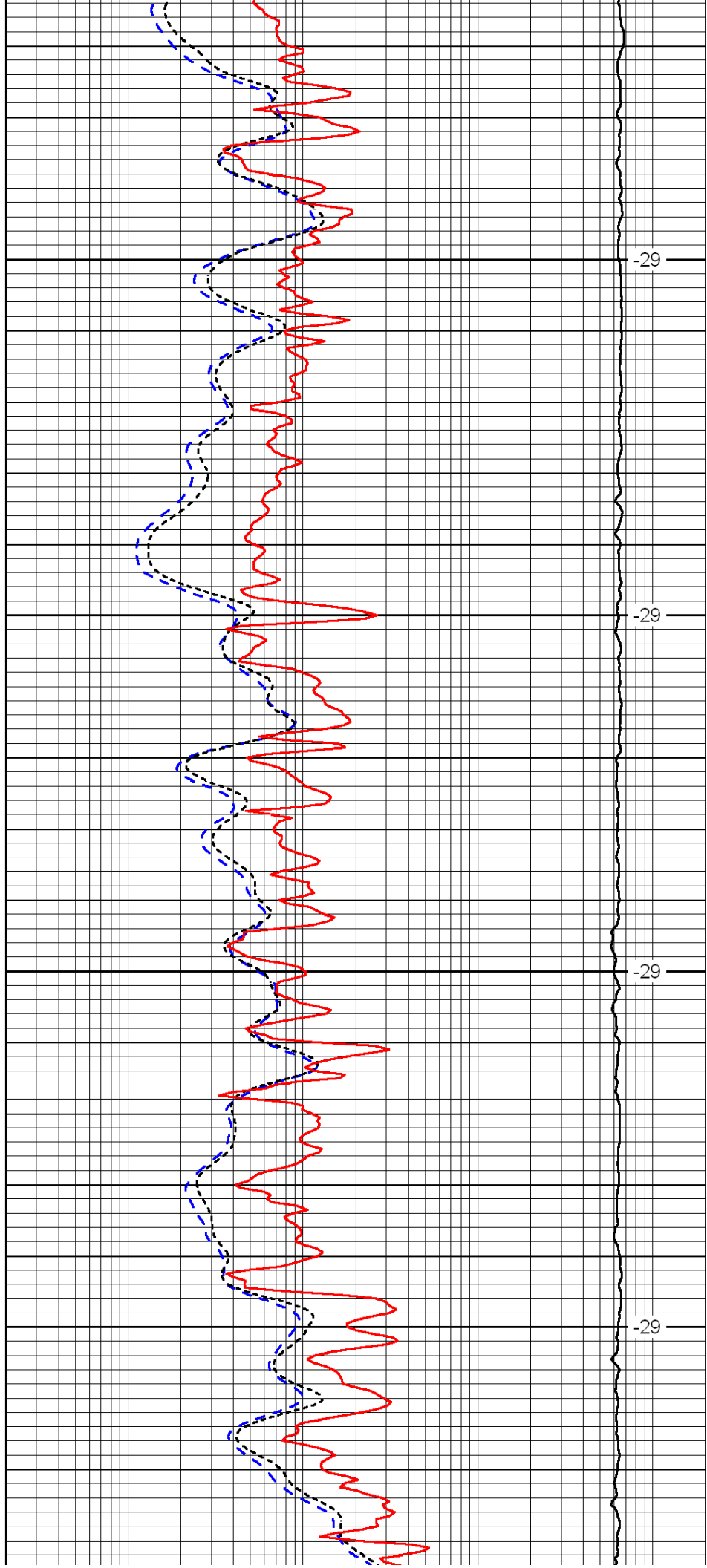


3100

3150

3200

3250

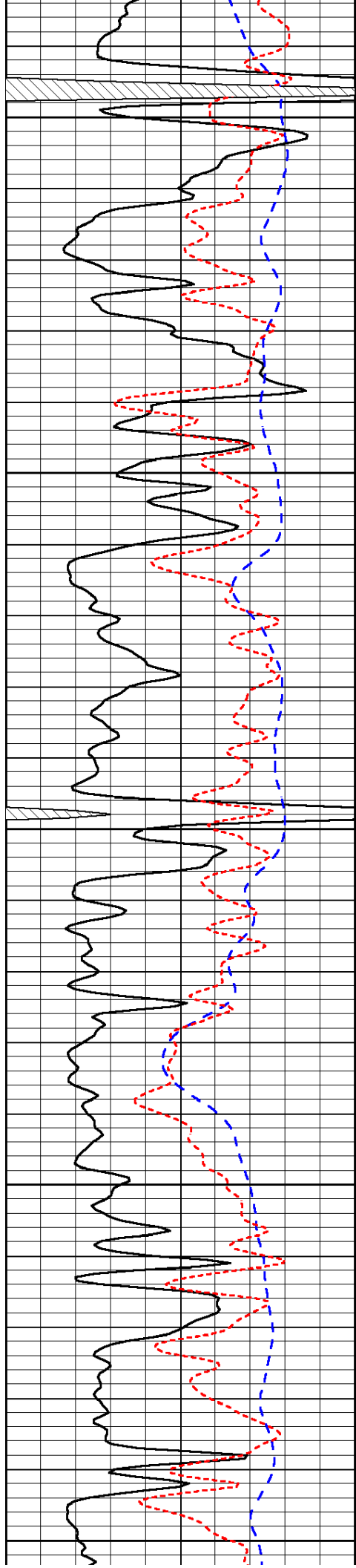


-29

-29

-29

-29



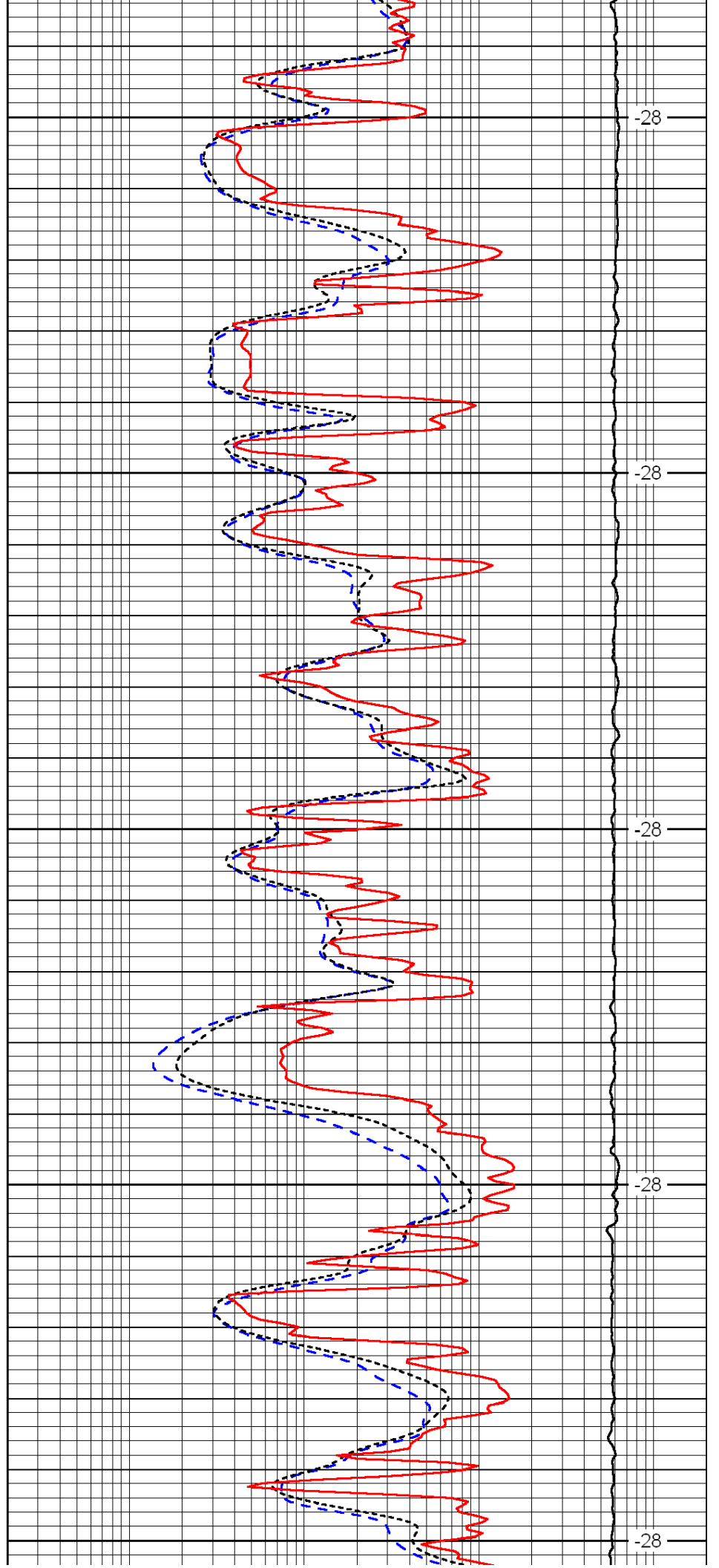
3300

3350

3400

3450

3500



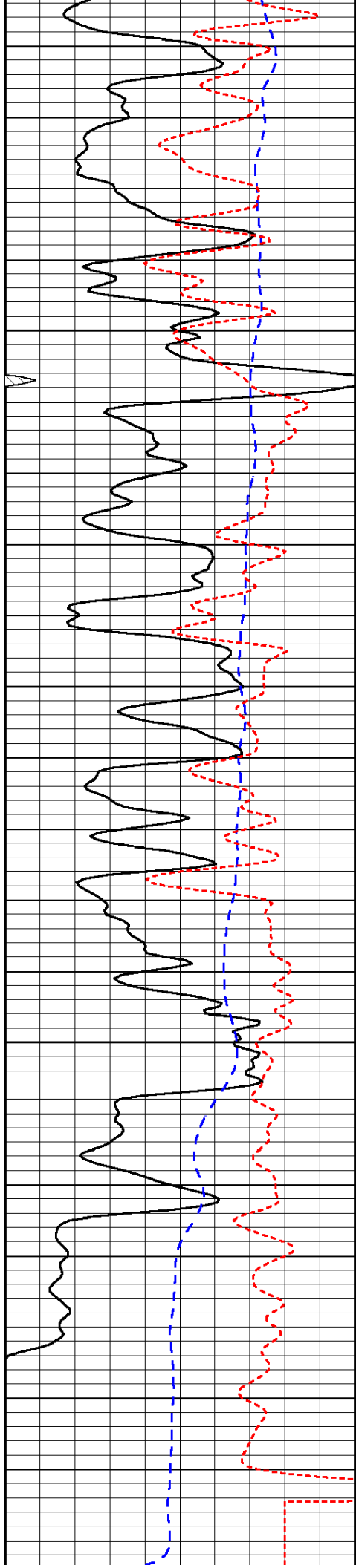
-28

-28

-28

-28

-28

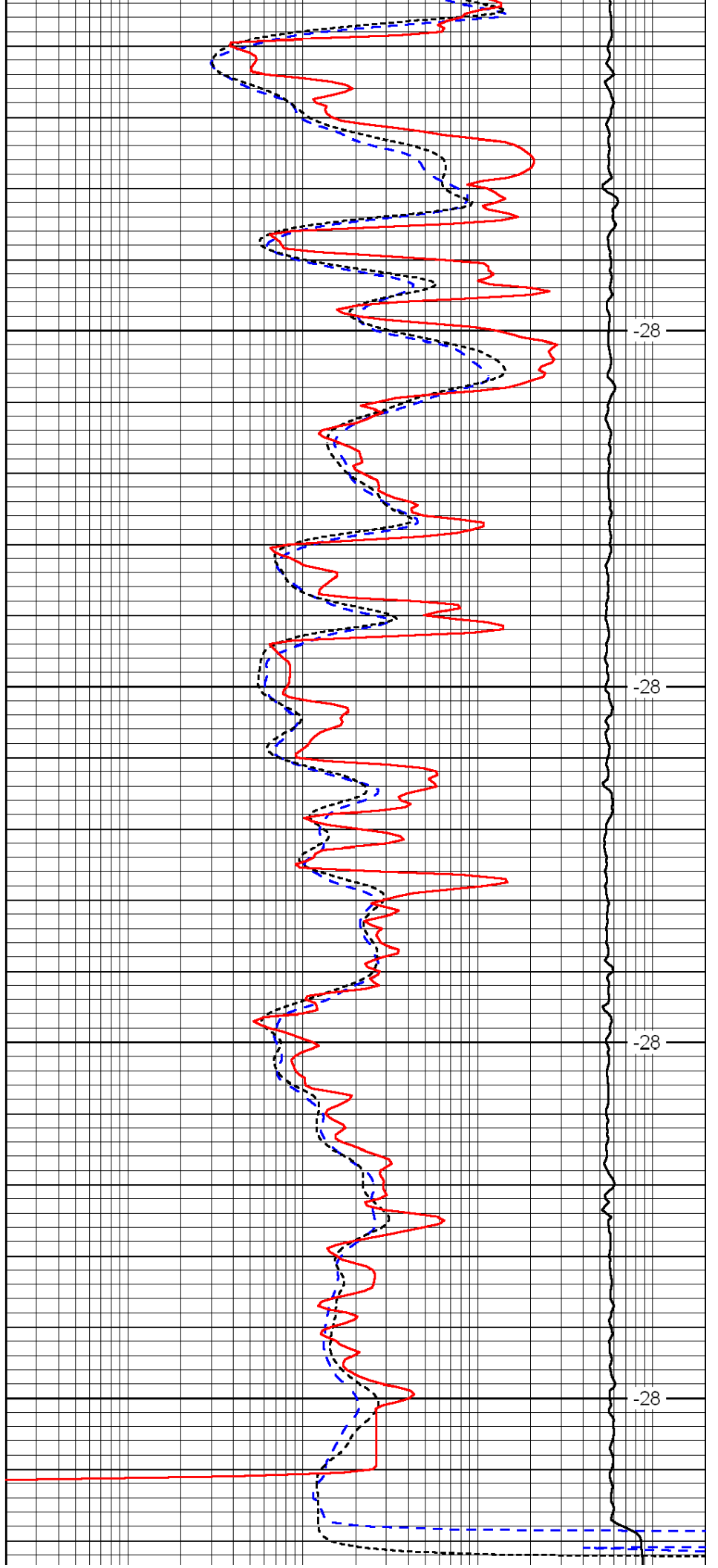


3550

3600

3650

3700



-28

-28

-28

-28

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



Dual Compensated
Porosity Log

DIGITAL LOG (785) 625-3858

API No. 15-051-26,137-00-00

Company TDI, Inc.
Well Jerry No. 2
Field Reichert
County Ellis
State Kansas

Location N/2 NW SW NE
1485' FNL & 2310' FEL

Sec: 10 Twp: 15 S Rge: 19 W

Other Services
DIL
MEL

Permanent Datum Ground Level Elevation 2035
Log Measured From Kelly Bushing 10 Ft. Above Perm. Datum
Drilling Measured From Kelly Bushing

K.B. 2045
D.F.
G.L. 2035

Date 6/28/2011

Run Number One

Type Log CNL / CDL

Depth Driller 3720

Depth Logger 3718

Bottom Logged Interval 3697

Top Logged Interval 2800

Type Fluid In Hole Chemical

Salinity, PPM CL 7500

Density 9.4

Level Full

Max. Rec. Temp. F 113

Operating Rig Time 3 1/2 Hours

Equipment -- Location 15 Hays

Recorded By D Kerr

Witnessed By Tom Denning

Borehole Record				Casing Record			
Run No.	Bit	From	To	Size	Wgt.	From	To
1	12.25	00	235	8.625	24#	00	235
2	7.875	235	3720				

<<< Fold Here >>>

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

Comments

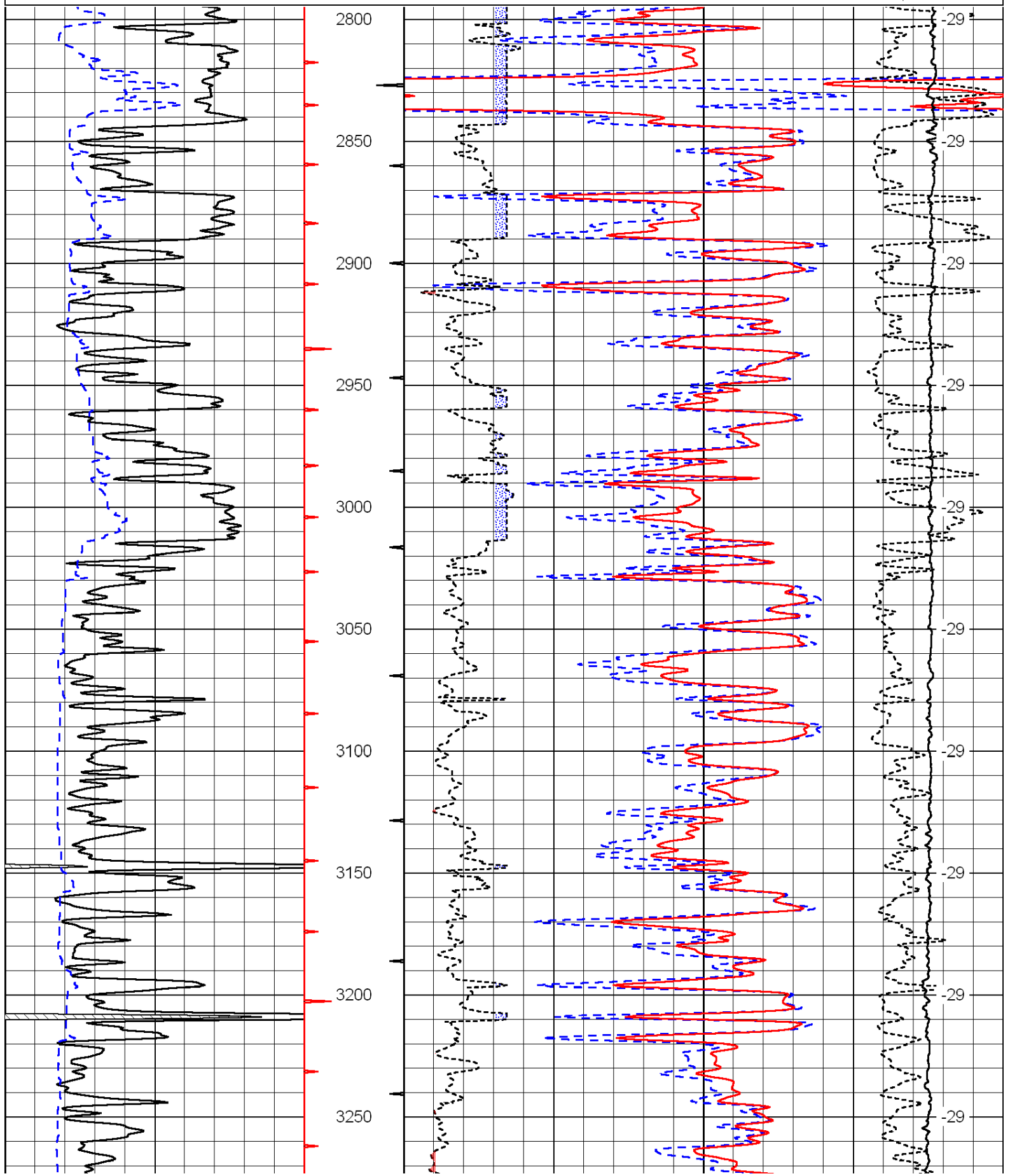
Thank you for using Log-Tech, Inc.
(785) 625-3858

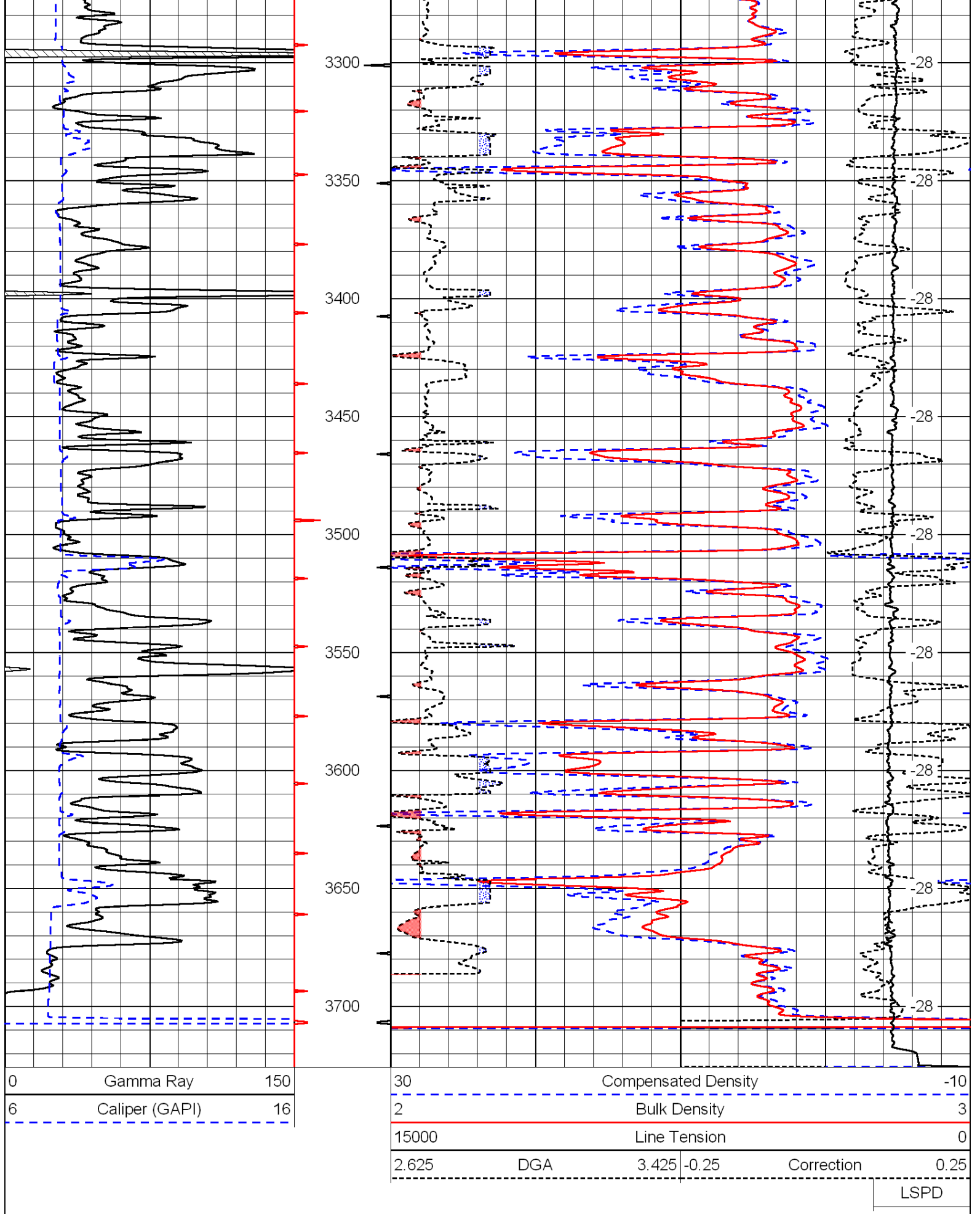
Antonino KS, 1 West, 1 South
1/2 West, South Into

Database File: c:\warrior\data\tdi_jerry no. 2\tdihd.db
 Dataset Pathname: dil\tdistk
 Presentation Format: cdl
 Dataset Creation: Tue Jun 28 04:14:06 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			

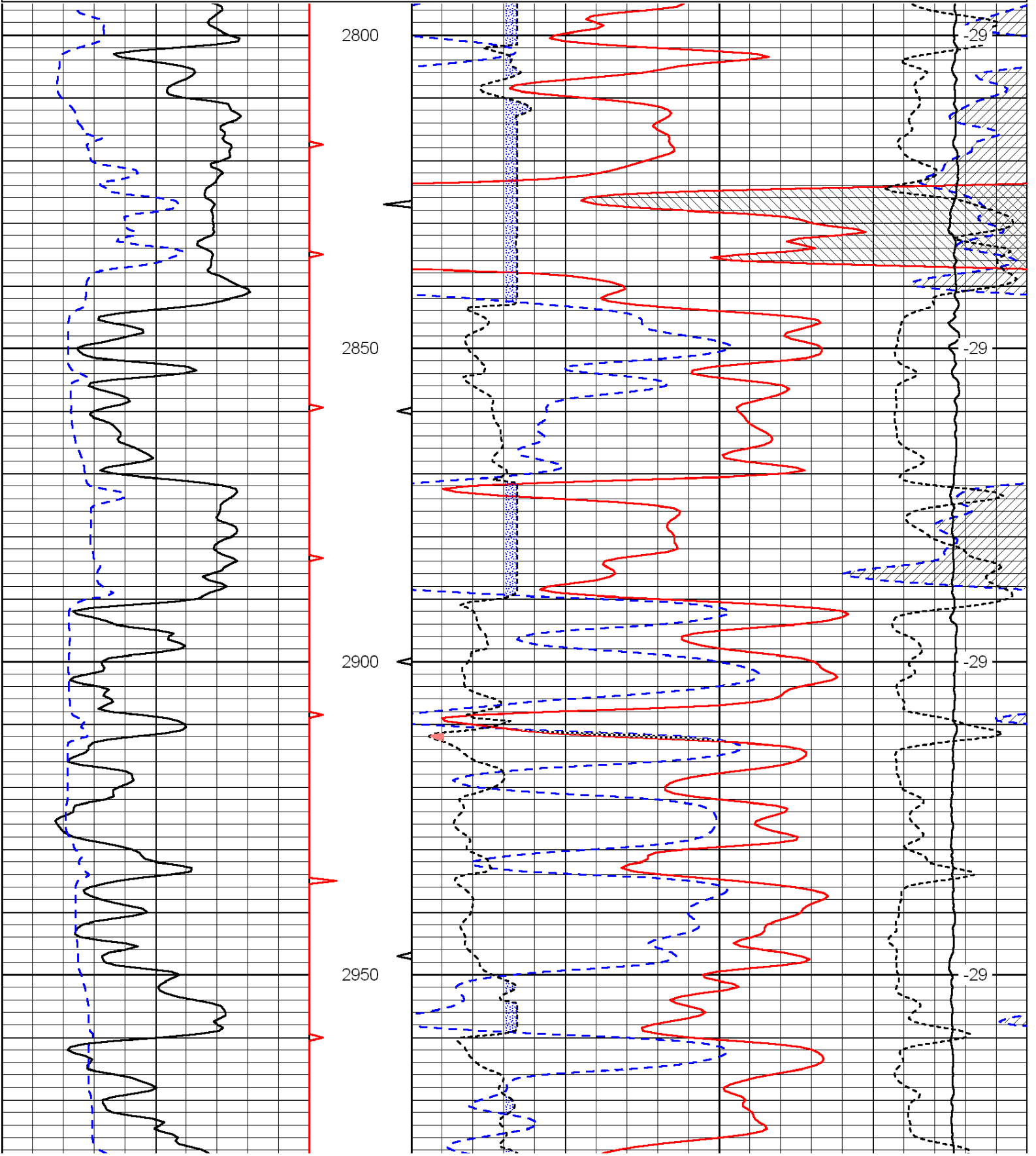


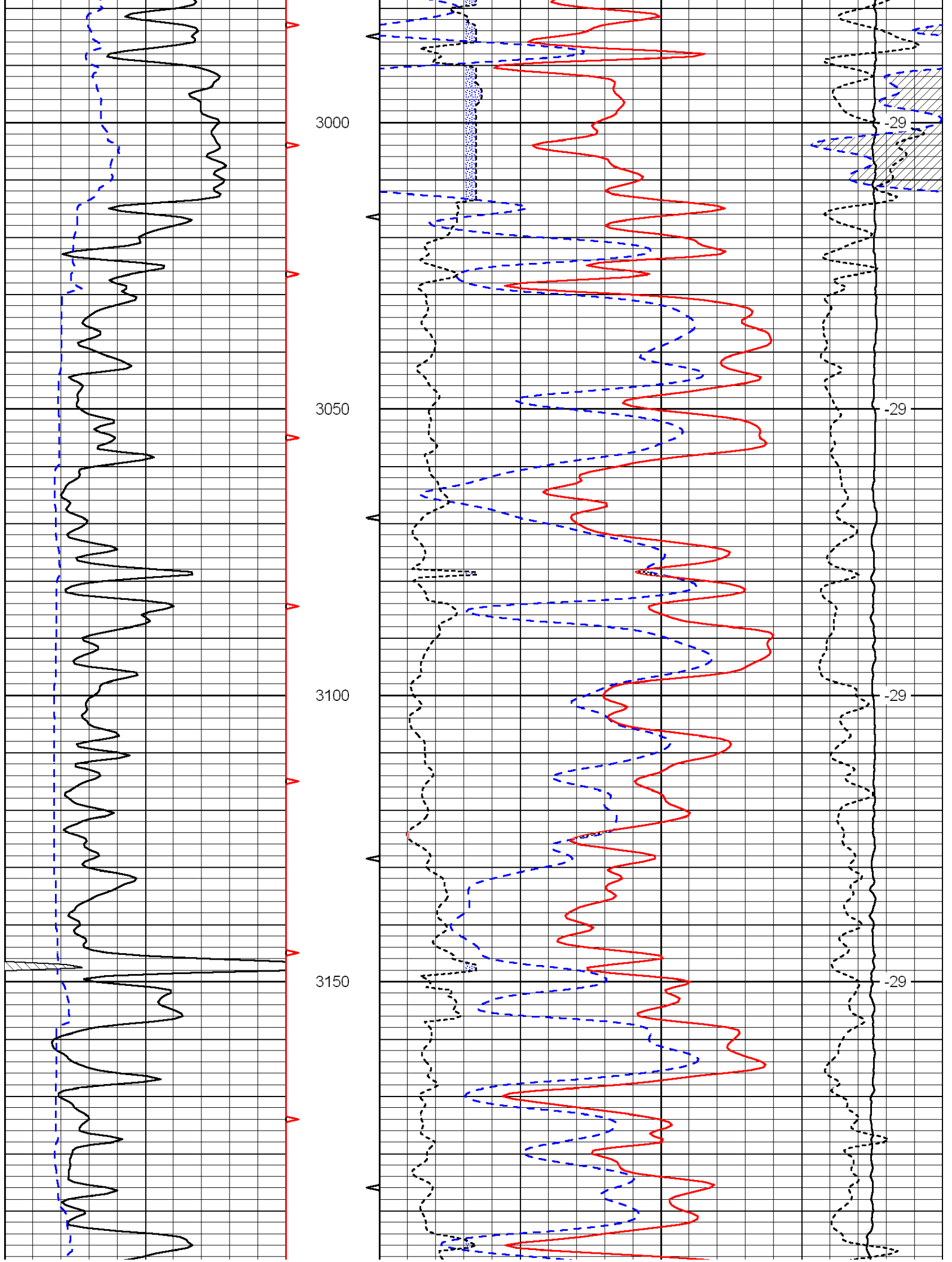


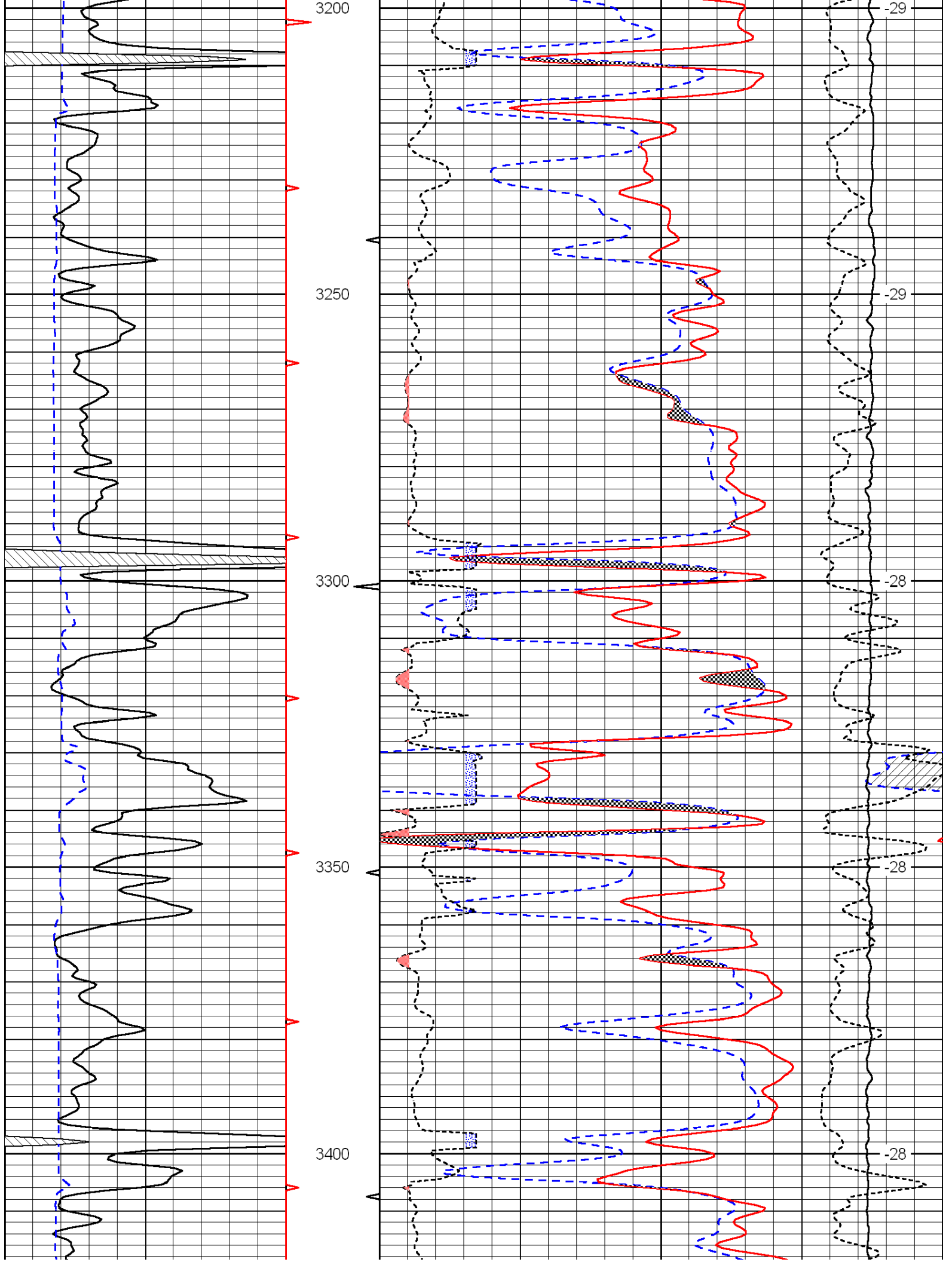
0	Gamma Ray	150
6	Caliper (GAPI)	16

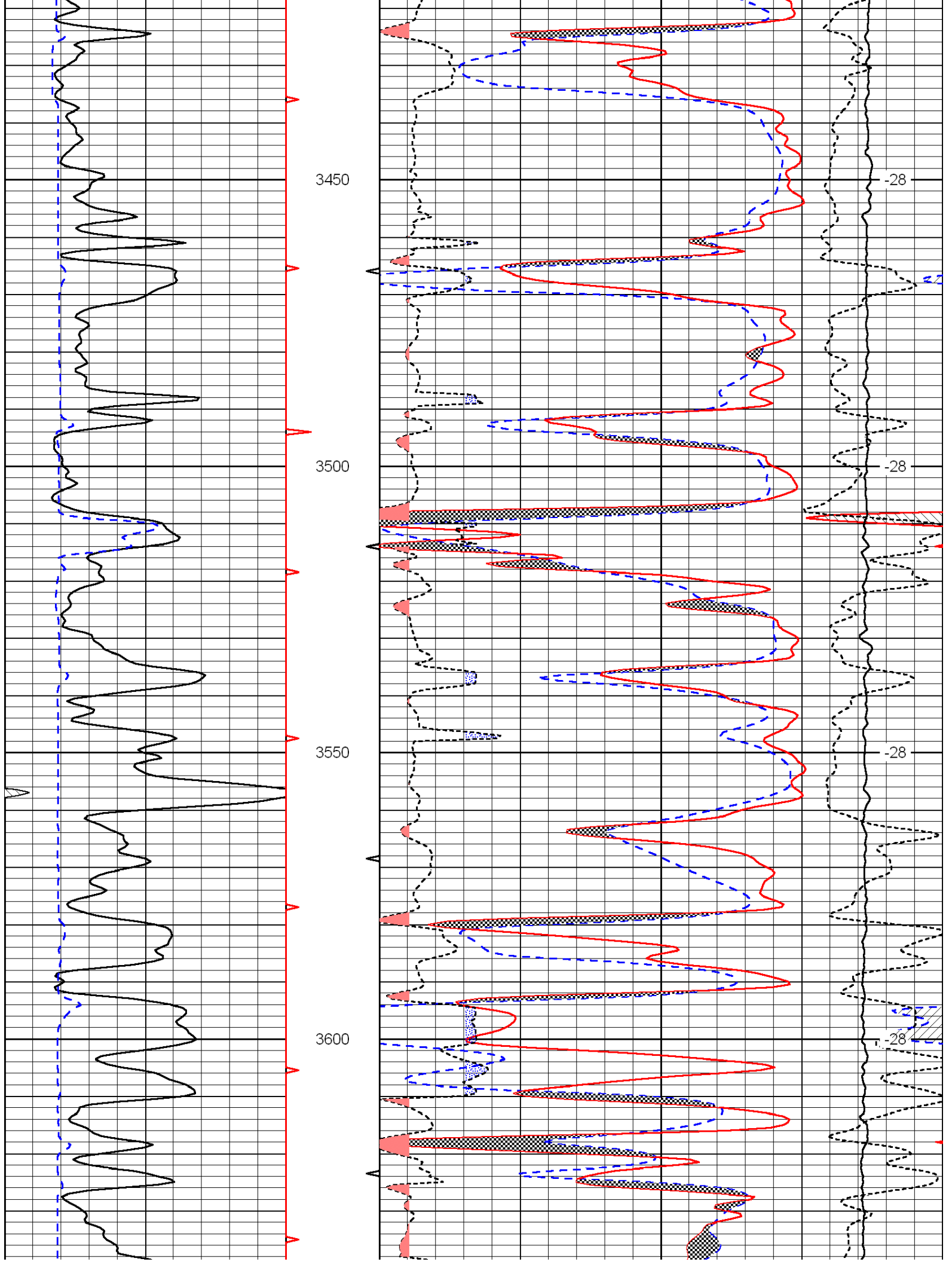
30	Compensated Neutron (Limestone)			-10	
30	Compensated Density (Limestone)			-10	
2.625	DGA	3.425	-0.25	Correction	0.25
15000	Line Tension			0	

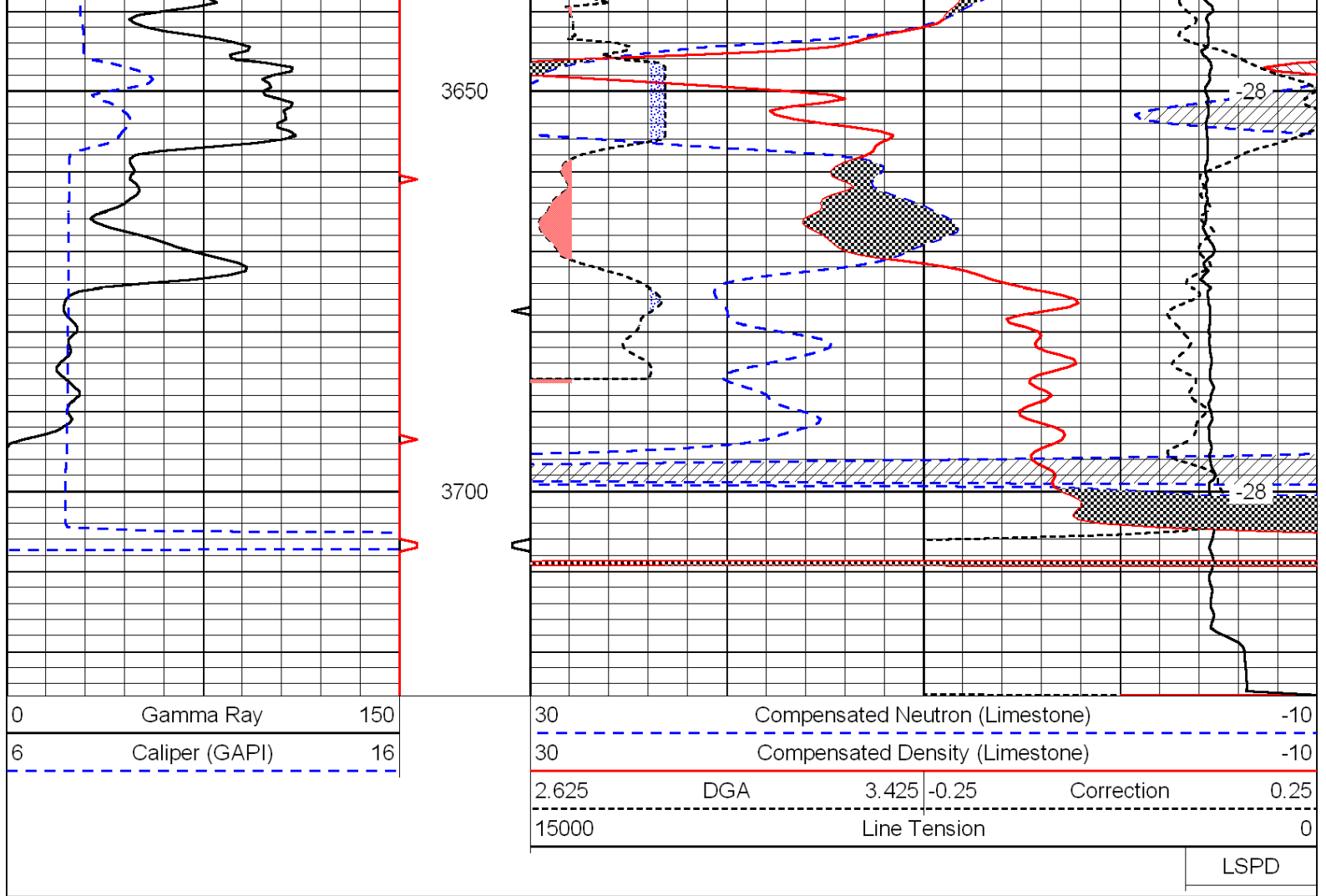
LSPD













Microresistivity Log

DIGITAL LOG (785) 625-3858

API No.	15-051-26,137-00-00		
Company	TDL, Inc.		
Well	Jerry No. 2		
Field	Reichert		
County	Elis	State	Kansas
Location	N/2 NW SW NE 1485' FNL & 2310' FEL		
Sec: 10	Twp: 15 S	Rge: 19 W	
Permanent Datum	Ground Level	Elevation	Other Services
Log Measured From	Kelly Bushing	2035	CNL/CDL
Drilling Measured From	Kelly Bushing	10 Ft. Above Perm. Datum	DIL

Date	6/28/2011	
Run Number	Two	
Depth Driller	3720	
Depth Logger	3718	
Bottom Logged Interval	3717	
Top Log Interval	2800	
Casing Driller	8.625 @ 235	
Casing Logger	233	
Bit Size	7.875	
Type Fluid in Hole	Chemical	
Salinity, ppm CL	7500	
Density / Viscosity	9.4	44
pH / Fluid Loss	8.0	14.6
Source of Sample	Flowline	
Rm @ Meas. Temp	2.00 @ 78	
Rmf @ Meas. Temp	1.5 @ 78	
Rmc @ Meas. Temp	2.70 @ 78	
Source of Rmf / Rmc	Charts	
Rm @ BHT	1.38 @ 113	
Operating Rig Time	3 1/2 Hours	
Max Rec. Temp. F	113	
Equipment Number	15	
Location	Hays	
Recorded By	D. Kerr	
Witnessed By	Tom Denning	

<<< Fold Here >>>

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

Comments

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

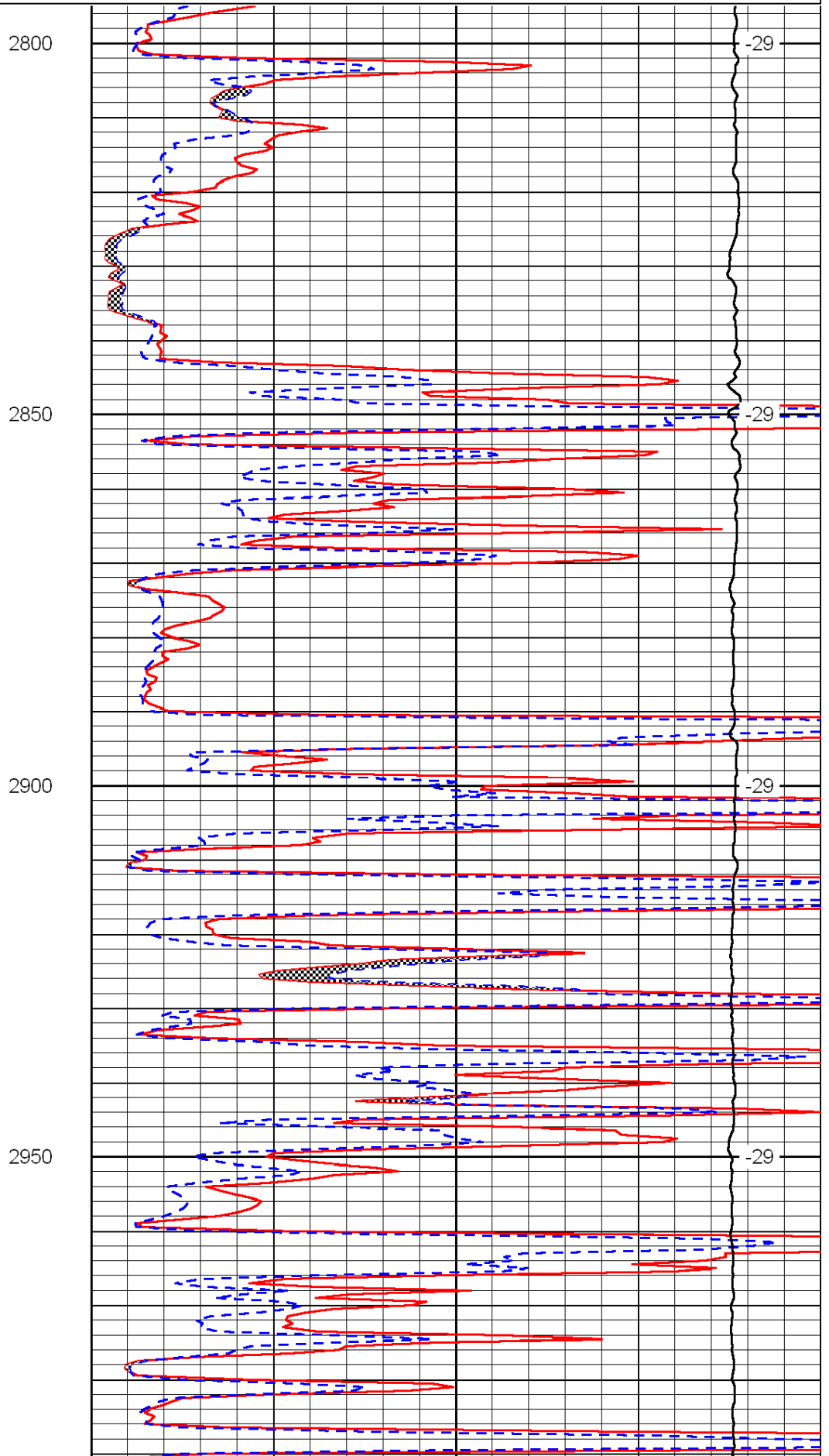
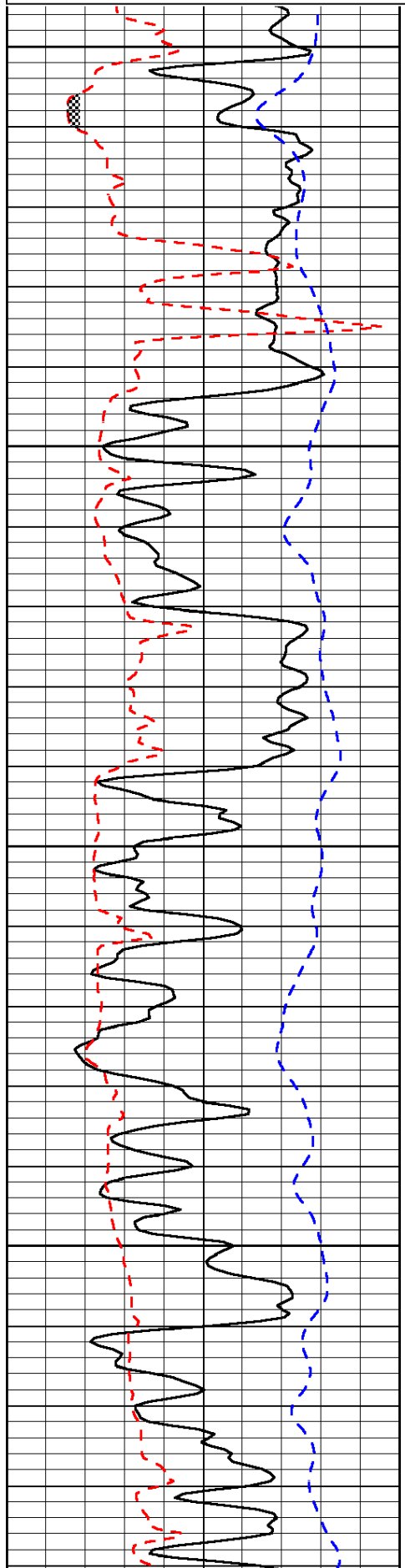
Antonino KS, 1 West, 1 South
1/2 West, South Into

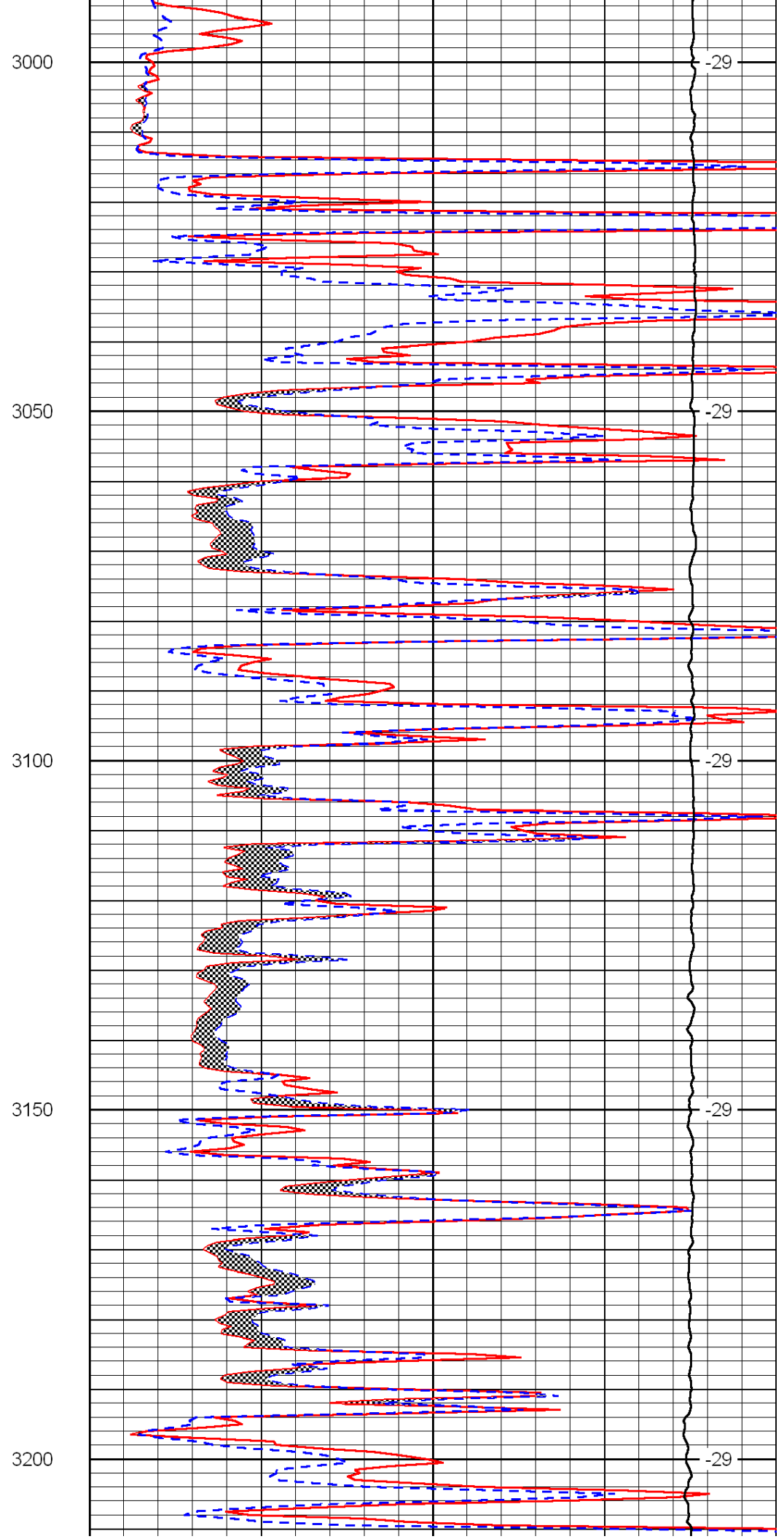
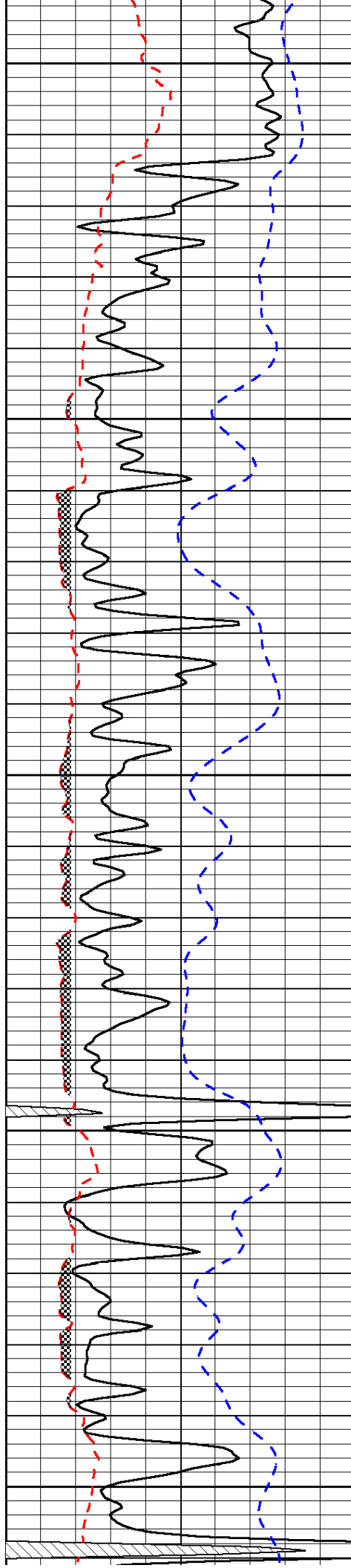
Database File: c:\warrior\data\tjd_jerry no. 2\tjdihd.db
 Dataset Pathname: dil\tdistk
 Presentation Format: micro
 Dataset Creation: Tue Jun 28 04:14:06 2011
 Charted by: Depth in Feet scaled 1:240

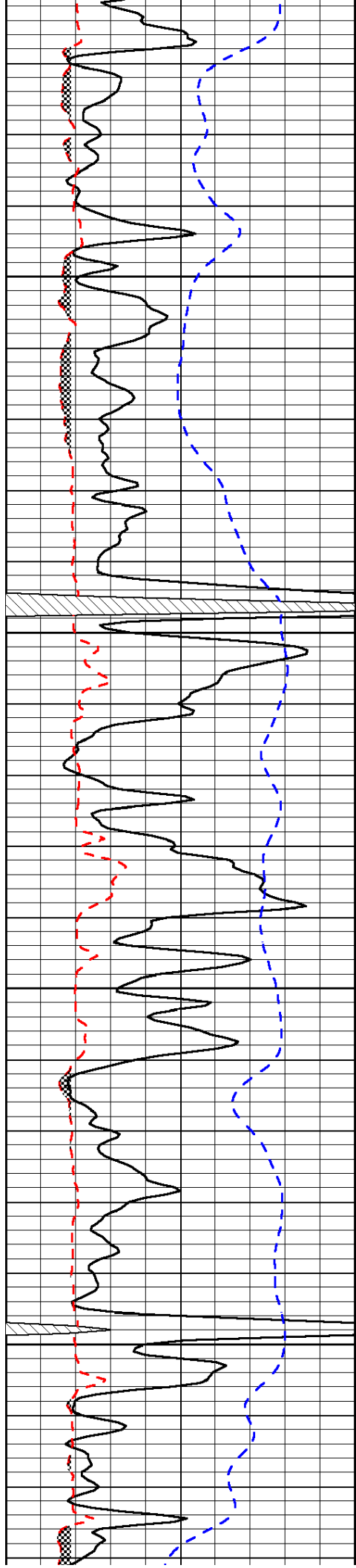
0	Gamma Ray	150
6	Micro Log Caliper (GAPI)	16
-200	SP (mV)	0

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

LSPD





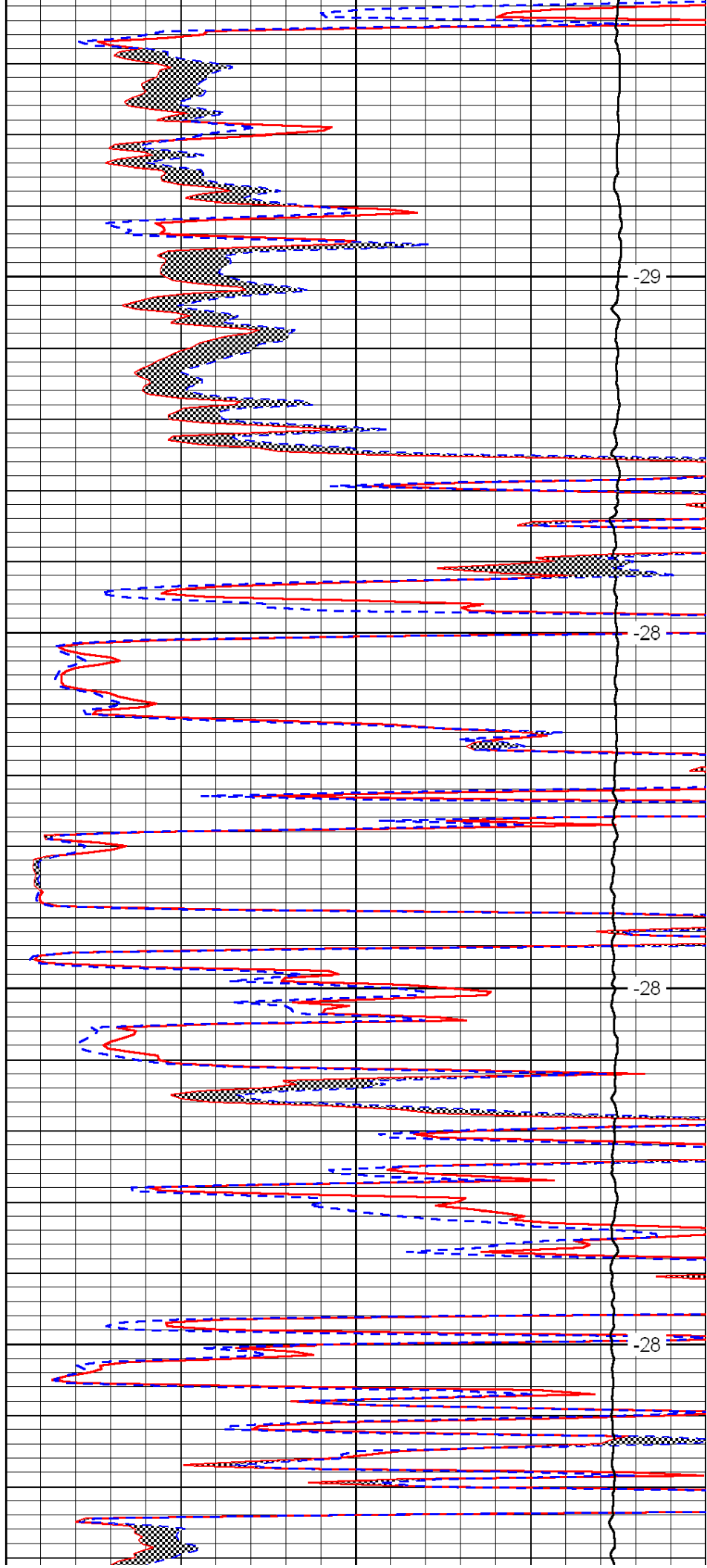


3250

3300

3350

3400

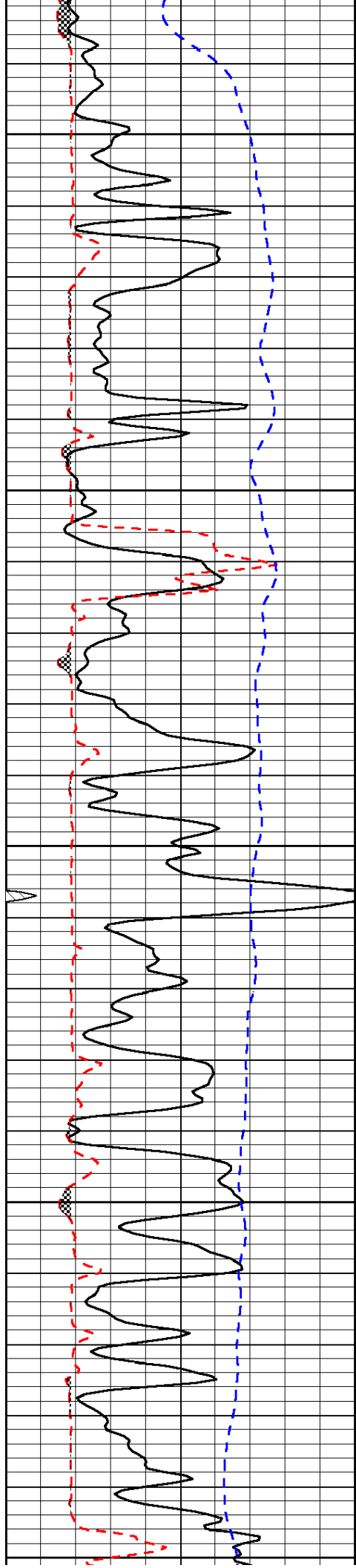


-29

-28

-28

-28



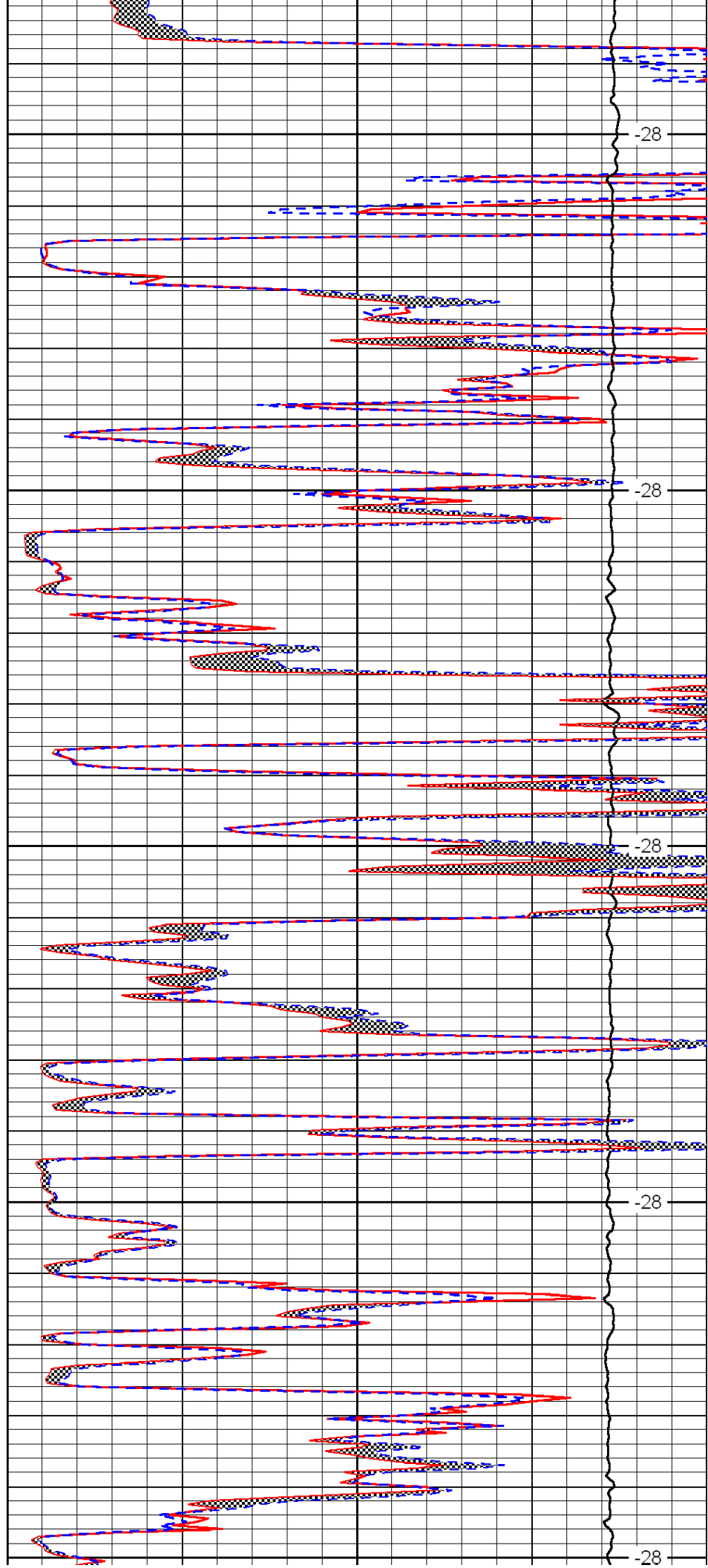
3450

3500

3550

3600

3650



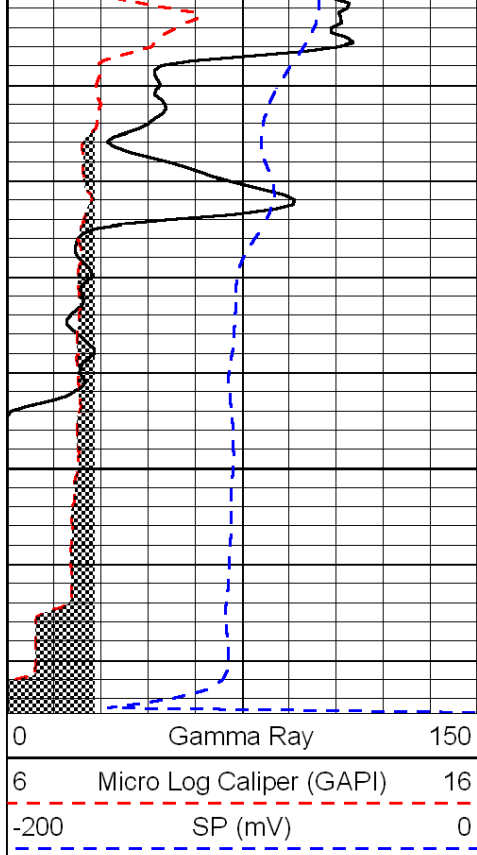
-28

-28

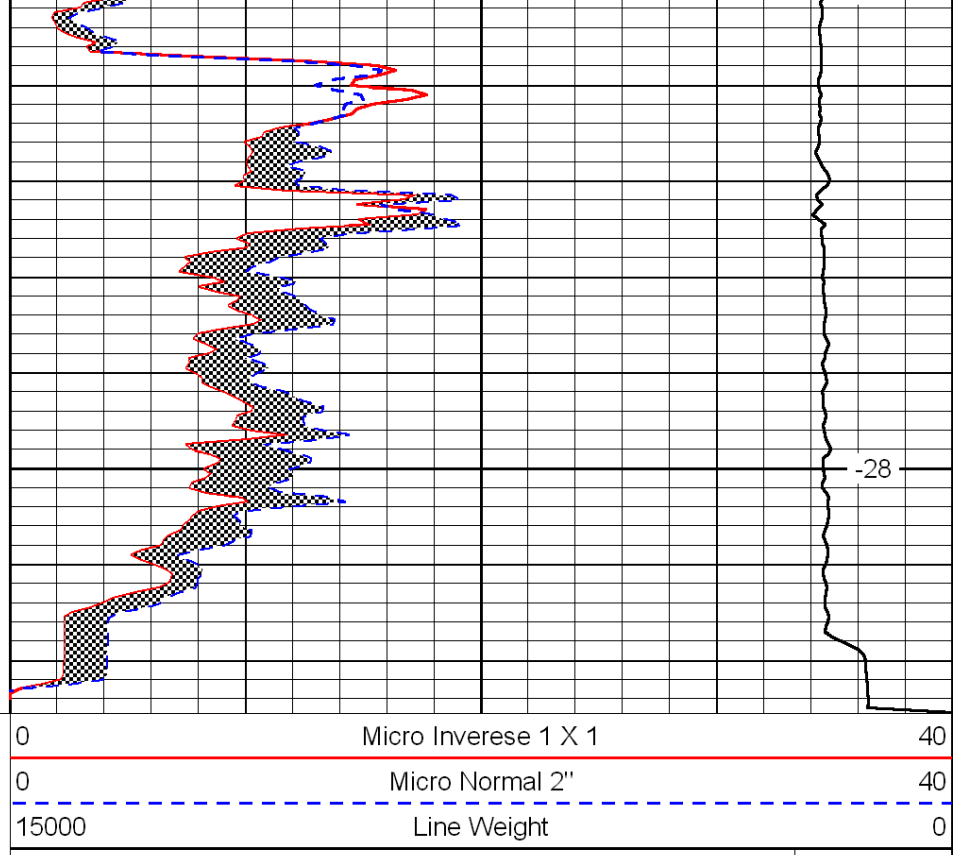
-28

-28

-28



3700



-28

LSPD

HERB DEINES

CONSULTING GEOLOGIST

108 W. 35th ST.

PH. 785-625-3380

HAYS, KS 67601

COMPANY T D I, INC.

WELL JERRY #2

FIELD Reicheat

COUNTY Ellis STATE Kansas

LOCATION: 1485' FNL & 2310' FEL, NE 1/4 Elevations, KB 2045
 DF _____
 GL 2035'

Logging by: Log-Tech

SEC 10 TWP 15s RGE 19w

1. Dual Induction Log
2. Dual Compensated Formation Log
3. Micro Resistivity Log
4. _____
5. _____
6. _____

Contractor Southwind Dalg. Rig #1

Commenced 6-21-2011 Completed 6-28-2011

RTD 3720' LTD 3716'

Surface Casing 8 5/8" set to 236' w/ 160 SXS Com 2% Gel 3% CC

Production Casing _____

Drilling Time 2900' - RTD Samples 2950' - RTD

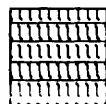
Daily Penetration Rate					
Date	Depth	Activity	Date	Depth	Activity
6-21-11		Surf. Prep. DST #1			
6-22-11	665'	Dalg			
6-23-11	1687'	Dalg			
6-24-11	2655'	Dalg			
6-25-11	3255'	Dalg			
6-26-11	3940'	Dalg DST #1			
6-27-11	3670'	Dalg DST #2			
6-28-11	3720'	RTD logs DST #3 & B			

Formation	Sample	Log	Datum	Bit Record				Sample	Log	Datum	*
				Make & Type	Serial No.	Nozzles	Depth In				
Archaean Cap	1672		+773								
Archaean Base	1897		+748								
Tapevia	3030		-975								
Reicheat Shale	3293		-1248								
Microton	3310		-1237								
LHC	3339		-1224								
BHC	3590		-1535								
Compensated	3626		-1557								
Compensated	3655		-1545								
Archaean	3670		-1535								
RTD											
LTD											

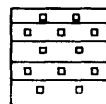
FOLD HERE

REMARKS: Drilling was completed on 6/28/2011 at 3720' depth. The well is now ready for completion. The well is located on the NE 1/4 of Section 10, Township 15S, Range 19W, Ellis County, Kansas.

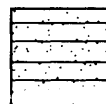
LEGEND



Anhydrite



Salt



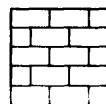
Sandstone



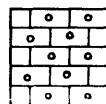
Shale



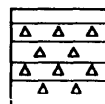
Carb sh



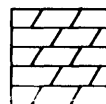
Limestone



Ool. Lime



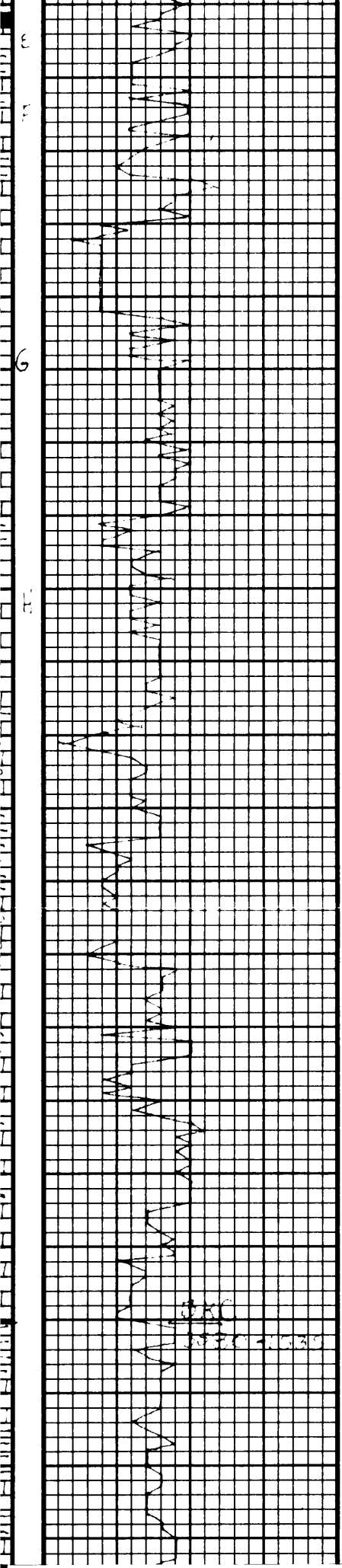
Chert



Dolomite

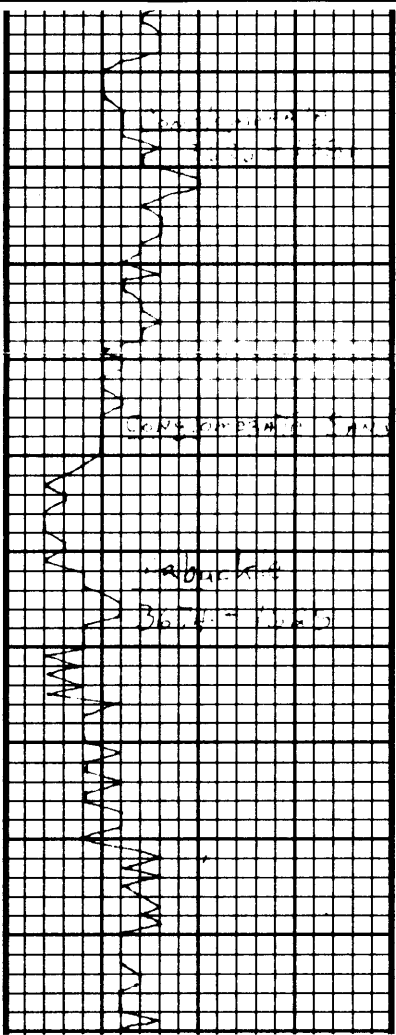
SCALE " = 100'

Drilling time in minutes	DEPTH	Sample Description	Remarks, drill stem tests, etc.
0	0		
0	5		
0	10		
0	15		
0	20		
0	25		
0	30		
0	35		
0	40		
0	45		
0	50		
0	55		
0	60		
0	65		
0	70		
0	75		
0	80		
0	85		
0	90		
0	95		
0	100		
0	105		
0	110		
0	115		
0	120		
0	125		
0	130		
0	135		
0	140		
0	145		
0	150		
0	155		
0	160		
0	165		
0	170		
0	175		
0	180		
0	185		
0	190		
0	195		
0	200		
0	205		
0	210		
0	215		
0	220		
0	225		
0	230		
0	235		
0	240		
0	245		
0	250		
0	255		
0	260		
0	265		
0	270		
0	275		
0	280		
0	285		
0	290		
0	295		
0	300		
0	305		
0	310		
0	315		
0	320		
0	325		
0	330		
0	335		
0	340		
0	345		
0	350		
0	355		
0	360		
0	365		
0	370		
0	375		
0	380		
0	385		
0	390		
0	395		
0	400		
0	405		
0	410		
0	415		
0	420		
0	425		
0	430		
0	435		
0	440		
0	445		
0	450		
0	455		
0	460		
0	465		
0	470		
0	475		
0	480		
0	485		
0	490		
0	495		
0	500		
0	505		
0	510		
0	515		
0	520		
0	525		
0	530		
0	535		
0	540		
0	545		
0	550		
0	555		
0	560		
0	565		
0	570		
0	575		
0	580		
0	585		
0	590		
0	595		
0	600		
0	605		
0	610		
0	615		
0	620		
0	625		
0	630		
0	635		
0	640		
0	645		
0	650		
0	655		
0	660		
0	665		
0	670		
0	675		
0	680		
0	685		
0	690		
0	695		
0	700		
0	705		
0	710		
0	715		
0	720		
0	725		
0	730		
0	735		
0	740		
0	745		
0	750		
0	755		
0	760		
0	765		
0	770		
0	775		
0	780		
0	785		
0	790		
0	795		
0	800		
0	805		
0	810		
0	815		
0	820		
0	825		
0	830		
0	835		
0	840		
0	845		
0	850		
0	855		
0	860		
0	865		
0	870		
0	875		
0	880		
0	885		
0	890		
0	895		
0	900		
0	905		
0	910		
0	915		
0	920		
0	925		
0	930		
0	935		
0	940		
0	945		
0	950		
0	955		
0	960		
0	965		
0	970		
0	975		
0	980		
0	985		
0	990		
0	995		



10
20
30
40
50
60
70
80
90
100
110
120
130
140
150
160
170
180
190
200
210
220
230
240
250
260
270
280
290
300
310
320
330
340
350
360
370
380
390
400
410
420
430
440
450
460
470
480
490
500
510
520
530
540
550
560
570
580
590
600
610
620
630
640
650
660
670
680
690
700
710
720
730
740
750
760
770
780
790
800
810
820
830
840
850
860
870
880
890
900
910
920
930
940
950
960
970
980
990
1000

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100



20
 30
 40
 50
 60
 70
 80
 90
 100

20
 30
 40
 50
 60
 70
 80
 90
 100

20
 30
 40
 50
 60
 70
 80
 90
 100

DST #2 3000' - 3070'
 3070' - 3100'
 3100' - 3130'

3130' - 3160'
 3160' - 3190'
 3190' - 3220'

3220' - 3250'
 3250' - 3280'
 3280' - 3310'

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

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

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

No. 4884

Date	6/21/11	Sec.	10	Twp.	15	Range	19	County	Ellis	State	KS	On Location		Finish	2:15 AM
Lease	Jemy	Well No.	2		Location Antonino, 1S, 1/2W, S into										
Contractor	Southwind Drilling Rig #1							Owner							
Type Job	Surface							To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.							
Hole Size	12 1/4"		T.D.		238'		Charge To								
Csg.	8 5/8"		Depth		236'		TDF, Inc.								
Tbg. Size			Depth		Street										
Tool			Depth		City State										
Cement Left in Csg.	15'		Shoe Joint		The above was done to satisfaction and supervision of owner agent or contractor.										
Meas Line			Displace		14 Bbls.		Cement Amount Ordered 160sx Com 3% CC 2% gel								

EQUIPMENT

Pumptrk	5	No.	Cementer		Common	160
			Helper			
Bulktrk	3	No.	Driver		Poz. Mix	
			Driver			
Bulktrk	PV	No.	Driver		Gel.	3
			Driver			

JOB SERVICES & REMARKS

Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
Est. Circ.	Sand
Mix 160sx	Handling 168
Displace	Mileage
Cement Circulated	

FLOAT EQUIPMENT

	Guide Shoe
	Centralizer
	Baskets
	AFU Inserts
	Float Shoe 8 5/8"
	Latch Down Swage
	Pumptrk Charge Surface
	Mileage //

Thank You!!

X Signature

Tim Rame

Tax
Discount
Total Charge



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

TDI Inc
 1310 Bison Rd
 Hays Ks 67601-9696
 ATTN: Tom Denning

Jerry#2
10-15s-19w Ellis
 Job Ticket: 43611 **DST#: 1**
 Test Start: 2011.06.26 @ 07:00:27

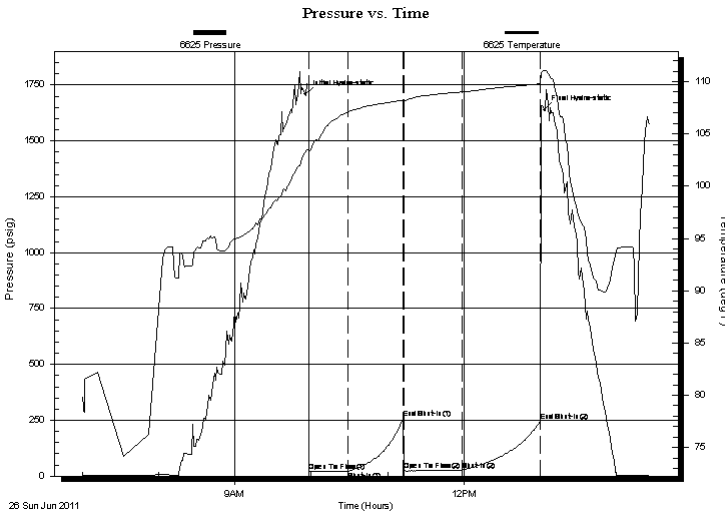
GENERAL INFORMATION:

Formation: **LKC H-J**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 09:58:22
 Time Test Ended: 14:26:21
 Interval: **3450.00 ft (KB) To 3540.00 ft (KB) (TVD)**
 Total Depth: 3540.00 ft (KB) (TVD)
 Hole Diameter: 7.85 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole
 Tester: Ray Schwager
 Unit No: 42
 Reference Elevations: 2245.00 ft (KB)
 2235.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 6625 Inside
 Press @ Run Depth: 27.01 psig @ 3453.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2011.06.26 End Date: 2011.06.26 Last Calib.: 2011.06.26
 Start Time: 07:00:27 End Time: 14:26:21 Time On Btm: 2011.06.26 @ 09:55:22
 Time Off Btm: 2011.06.26 @ 13:03:21

TEST COMMENT: 30-IFP-w k bl 1/4"to 1 1/8"bl
 45-ISIP-no bl
 45-FFP-w k bl 1"to 1 1/2"bl
 60-FSIP-no bl

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1708.18	103.24	Initial Hydro-static
3	20.77	103.36	Open To Flow (1)
34	21.81	107.08	Shut-In(1)
77	261.41	108.24	End Shut-In(1)
78	25.95	108.20	Open To Flow (2)
124	27.01	109.01	Shut-In(2)
185	244.86	109.79	End Shut-In(2)
188	1638.54	111.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	60'GIP	0.00
30.00	O&GCM 10%G15%O75%M	0.42

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

TDI Inc
1310 Bison Rd
Hays Ks 67601-9696
ATTN: Tom Denning

Jerry#2
10-15s-19w Ellis
Job Ticket: 43611 **DST#: 1**
Test Start: 2011.06.26 @ 07:00:27

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:	ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.16 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5700.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	60'GIP	0.000
30.00	O&GCM 10%G15%O75%M	0.421

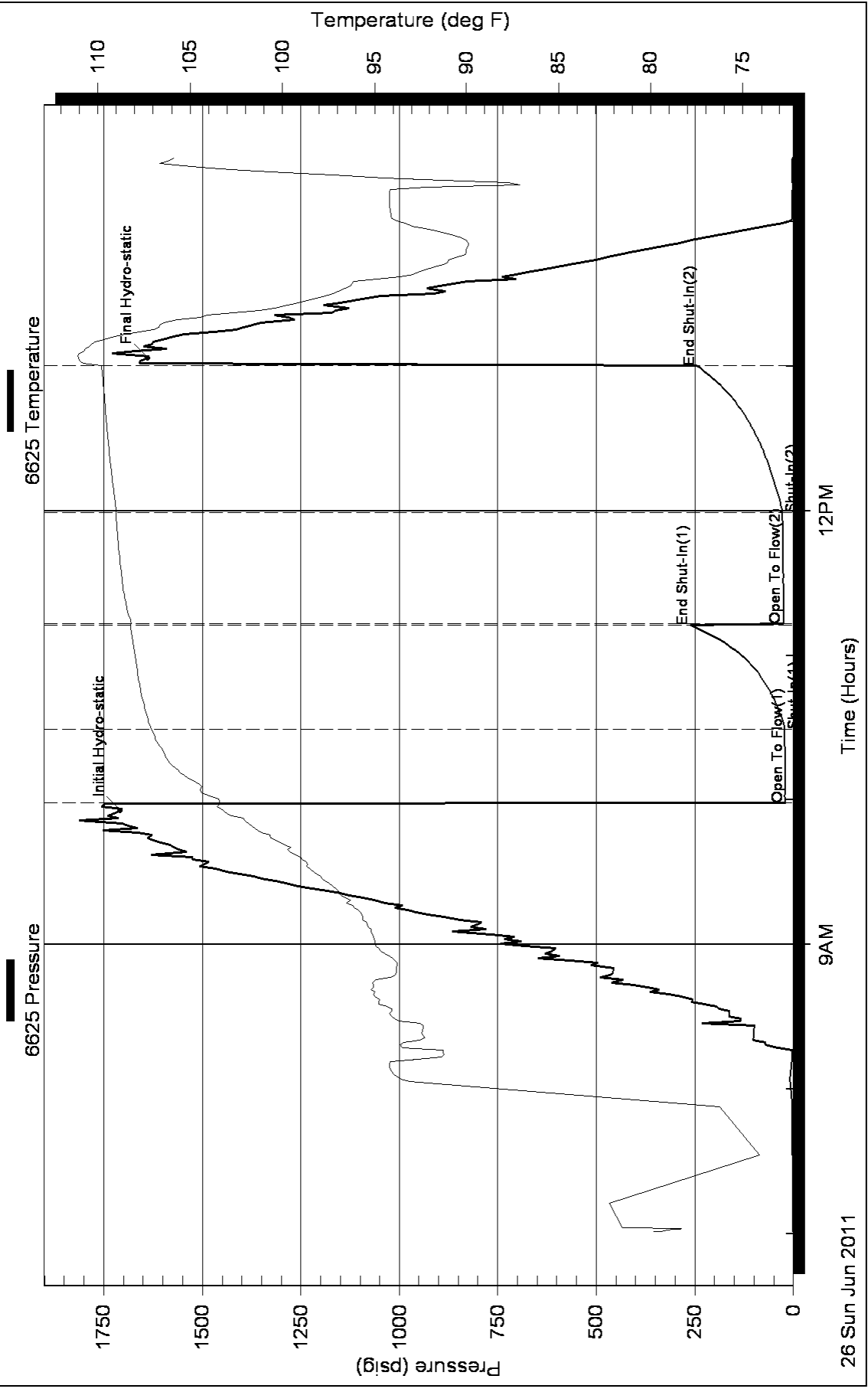
Total Length: 30.00 ft Total Volume: 0.421 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

Pressure vs. Time





TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

TDI Inc
1310 Bison Rd
Hays Ks 67601-9696
ATTN: Tom Denning

Jerry#2
10-15s-19w Ellis
Job Ticket: 43612 **DST#: 2**
Test Start: 2011.06.27 @ 12:45:12

Mud and Cushion Information

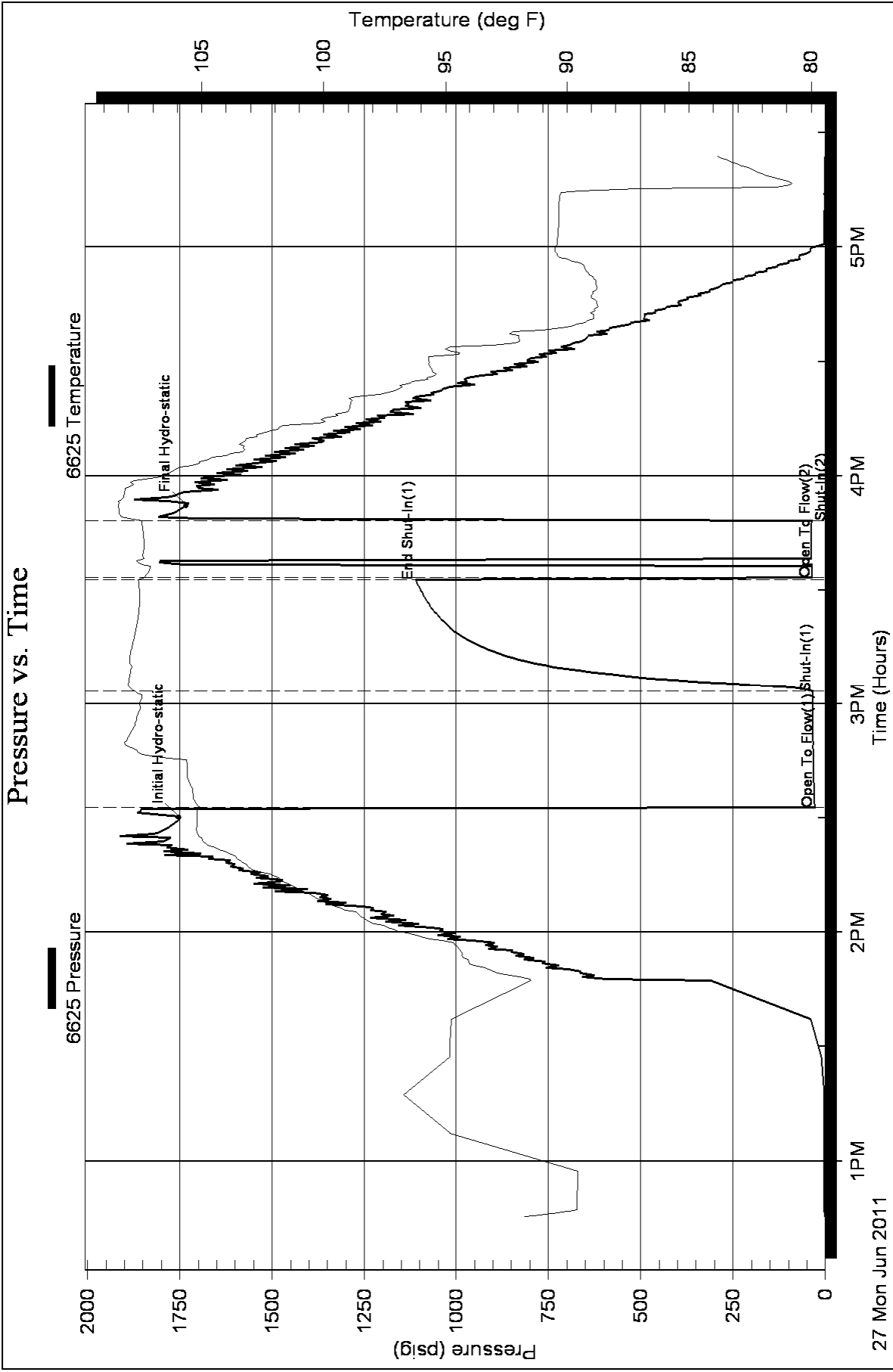
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 67.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.17 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5800.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl

Total Length: ft Total Volume: bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

TDI Inc
1310 Bison Rd
Hays Ks 67601-9696
ATTN: Tom Denning

Jerry#2
10-15s-19w Ellis
Job Ticket: 43613 **DST#: 3**
Test Start: 2011.06.28 @ 06:30:34

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:	ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.79 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 8000.00 ppm			
Filter Cake: 1.00 inches			

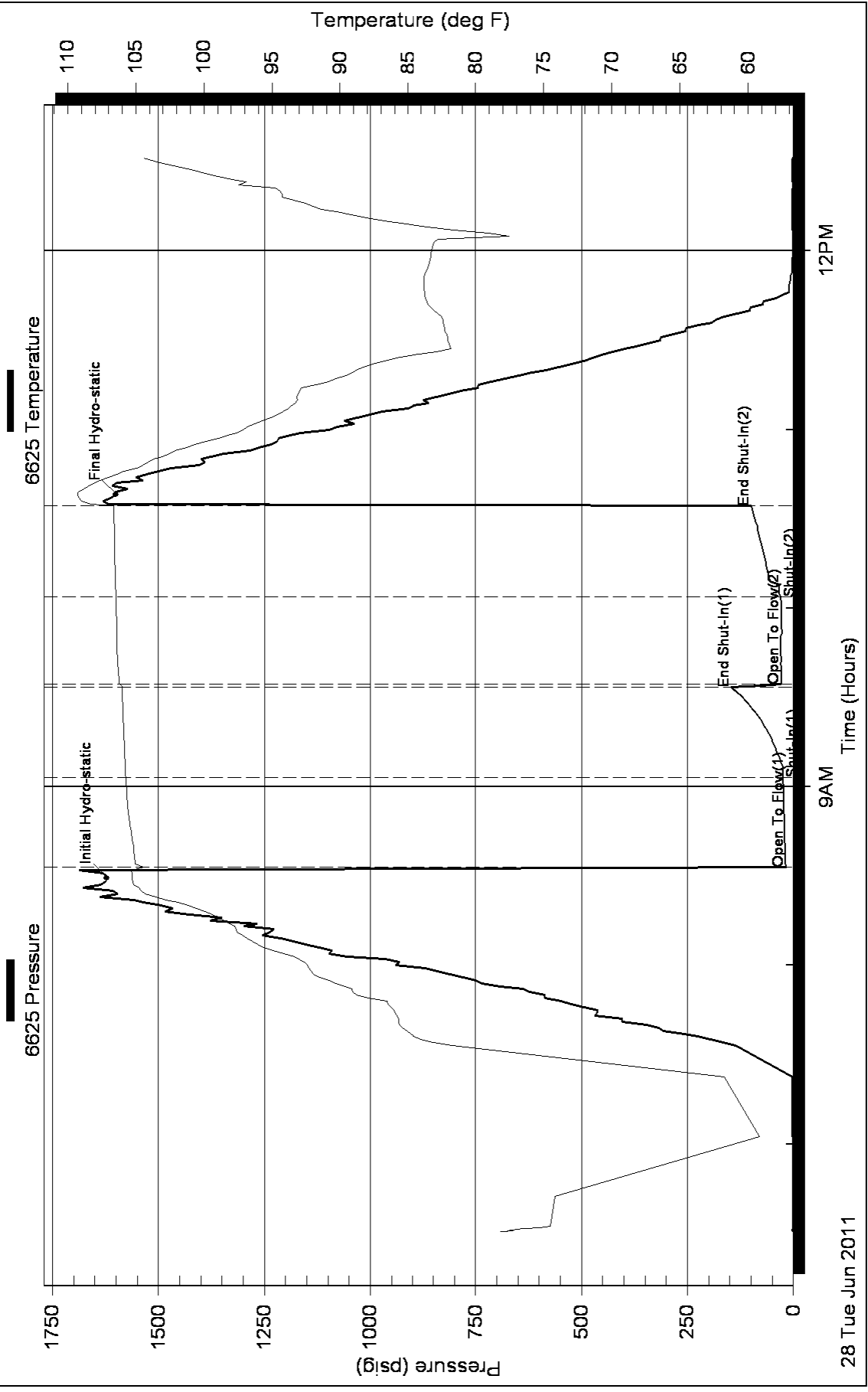
Recovery Information

Recovery Table

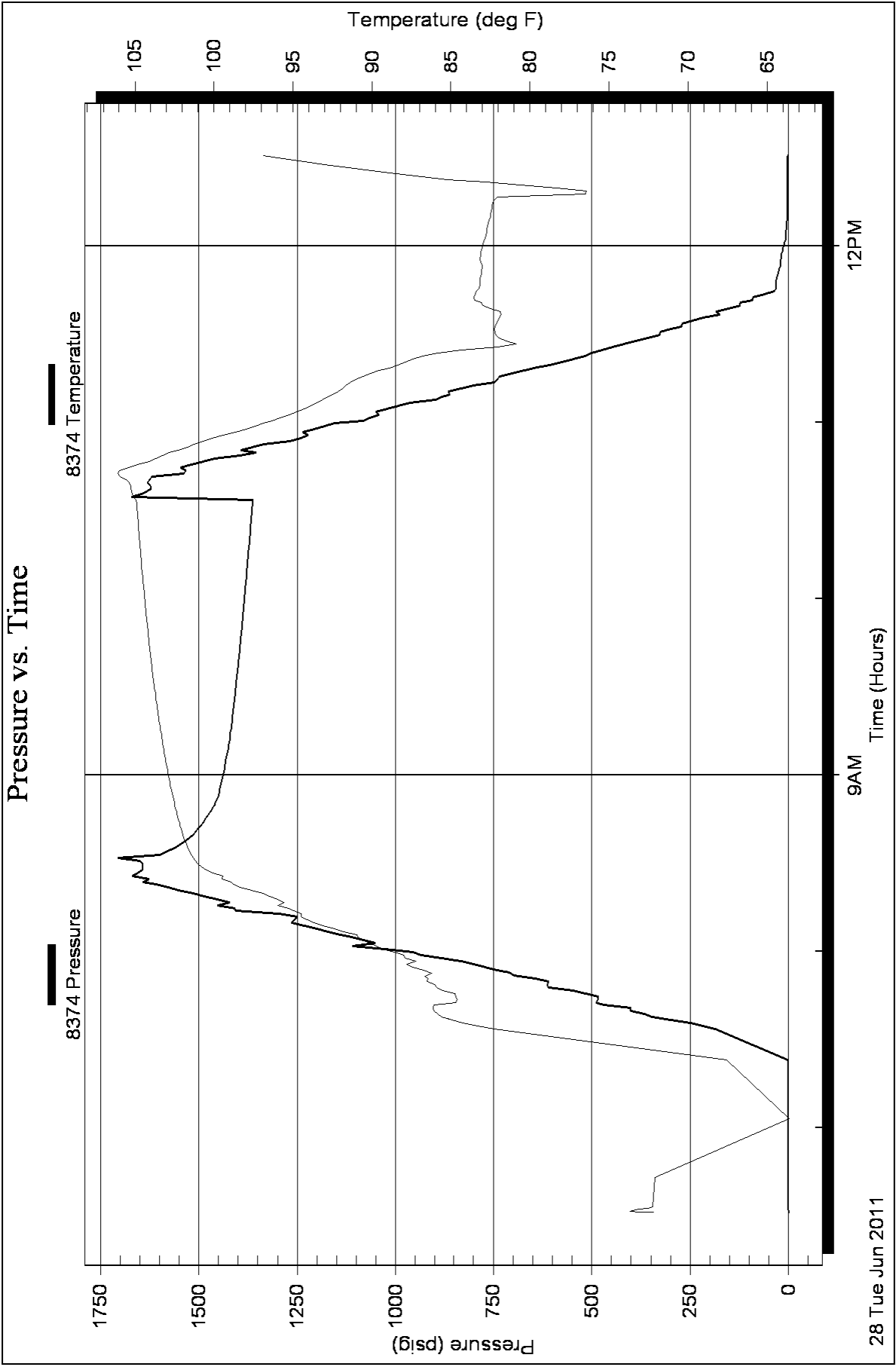
Length ft	Description	Volume bbl
30.00	SOCM3%O97%M	0.421

Total Length: 30.00 ft Total Volume: 0.421 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Pressure vs. Time



Pressure vs. Time



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 26, 2011

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

Re: ACO1
API 15-051-26137-00-00
Jerry 2
NE/4 Sec.10-15S-19W
Ellis County, Kansas

Dear Production Department:

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

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

Respectfully,
Tom Denning