LOG-TECH

DIGITAL LOG (785) 625-3858

Dual Induction Log

API No. 15-159-22,592-00-00

Company Gilbert-Stewart Operating, LLC

Well Big Red No. 9

Field Chase Silica

County Rice State Kansas

Location SE SE SW
330' FSL & 2240' FWL
Sec: 8 Twp: 20S Rge: 10W

Other Services
CNL/CDL
MEL/BHCS

Elevation
K.B. 1821
D.F.
G.L. 1812

Permanent Datum Ground Level Elevation 1812
Log Measured From Kelly Bushing 9 Ft. Above Perm. Datum
Drilling Measured From Ground Level

Date	12/13/2008			
Run Number	One			
Depth Driller	3480			
Depth Logger	3478			
Bottom Logged Interval	3420			
Top Log Interval	00			
Casing Driller	8.625 @ 276			
Casing Logger	277			
Bit Size	7.875			
Type Fluid in Hole	Chemical			
Salinity,ppm CL	7,400			
Density / Viscosity	8.9 45			
pH / Fluid Loss	11.0 7.2			
Source of Sample	Flowline			
Rm @ Meas. Temp	.44 @ 58			
Rmf @ Meas. Temp	.33 @ 58			
Rmc @ Meas. Temp	.59 @ 58			
Source of Rmf / Rmc	Charts			
Rm @ BHT	.23 @ 113			
Operating Rig Time	4 1/2 Hours			
Max Rec. Temp. F	113			
Equipment Number	17			
Location	Hays			
Recorded By	Mike Garrison			
Witnessed By	Derek Patterson	Kelly Branum		

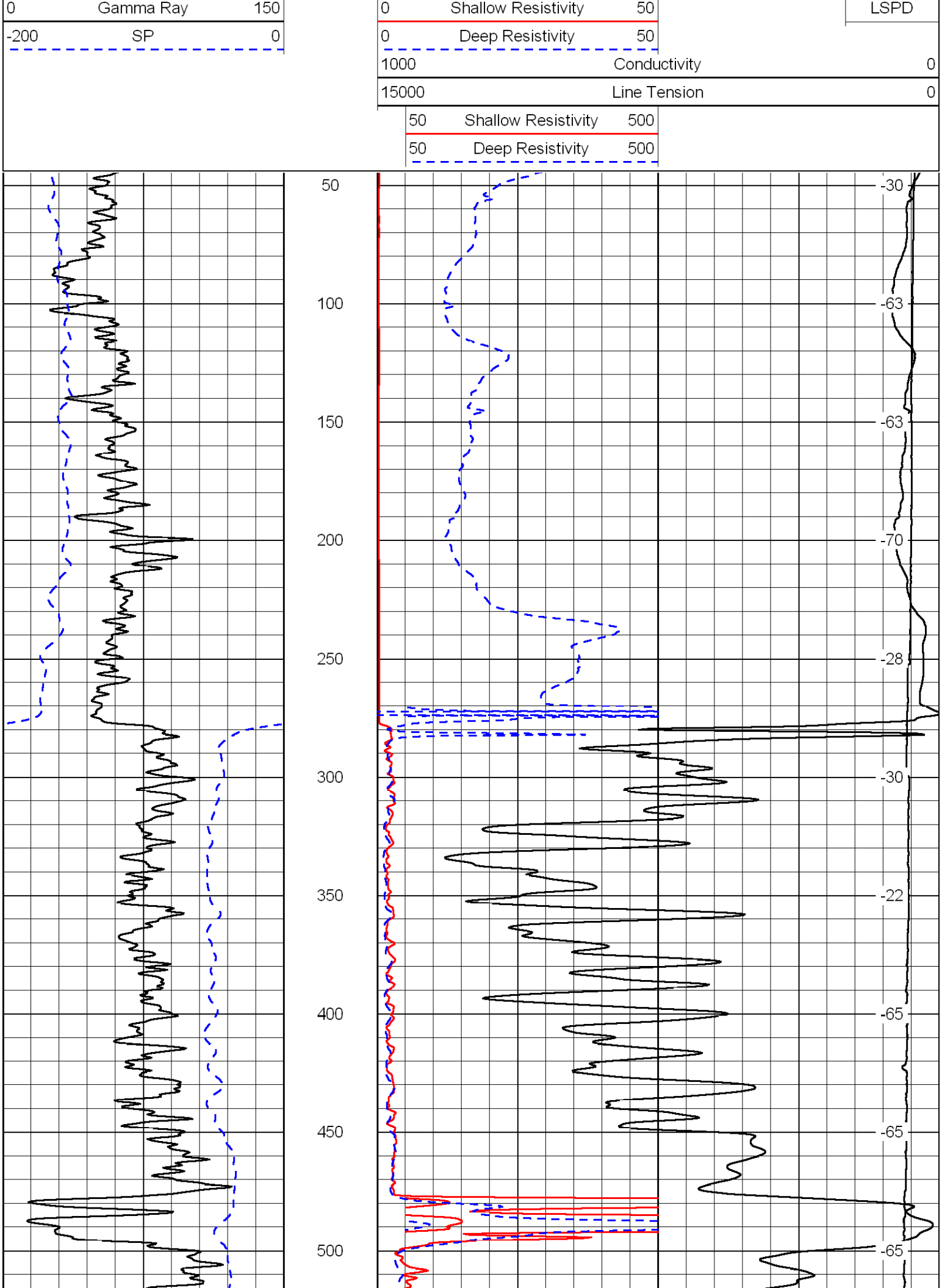
<<< Fold Here >>>

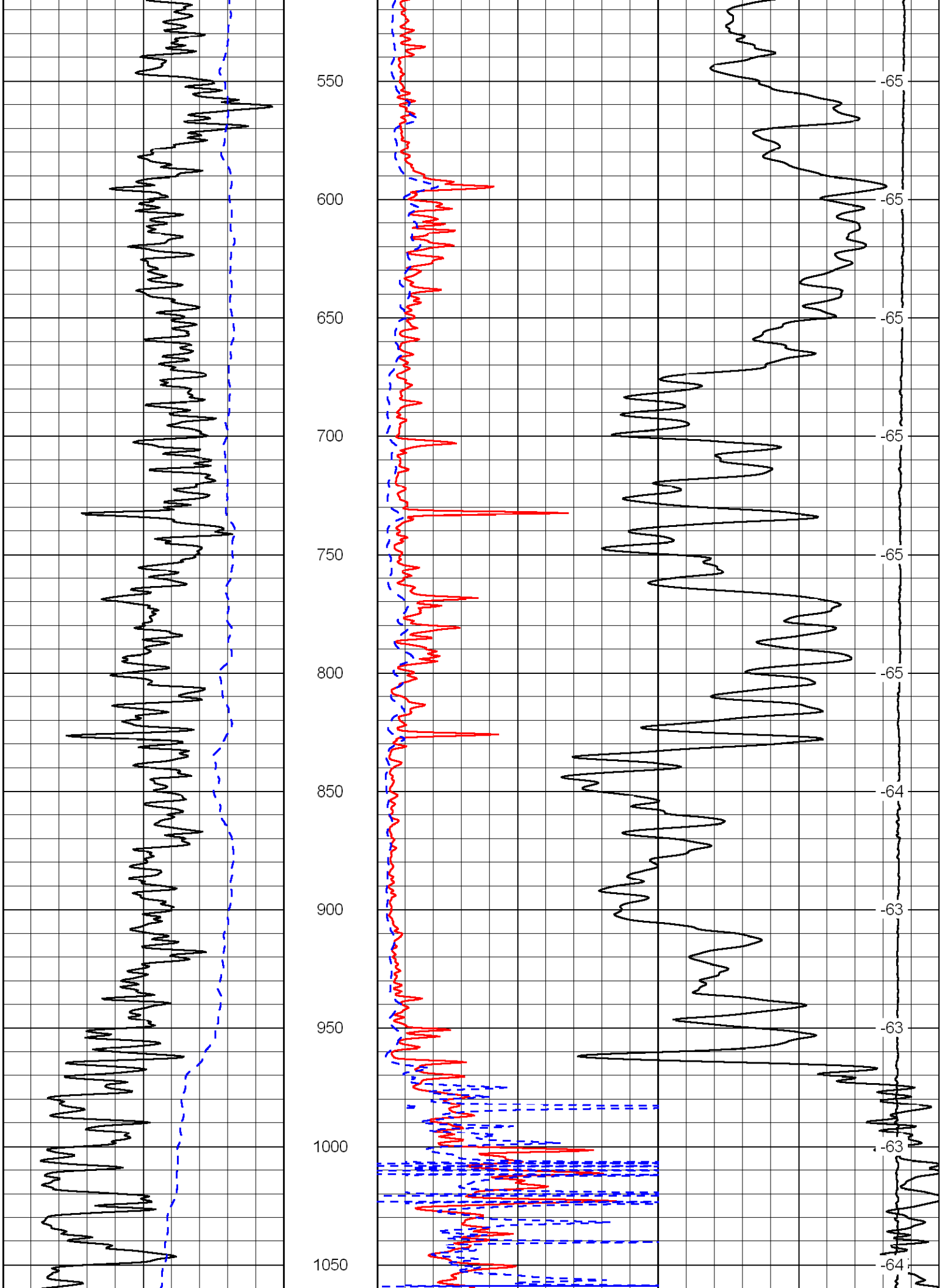
Comments

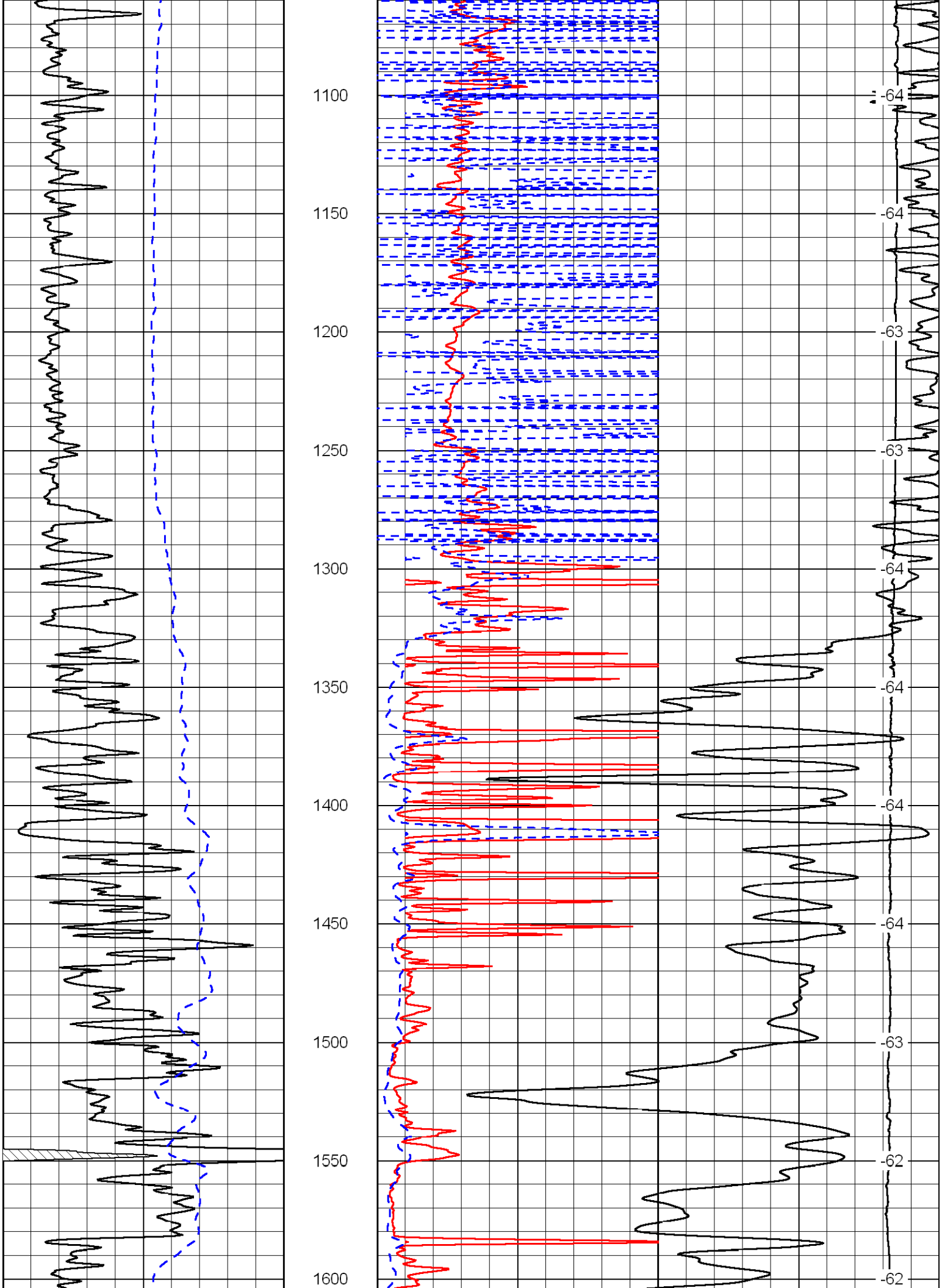
Thank you for using Log-Tech, Inc.
(785) 625-3858

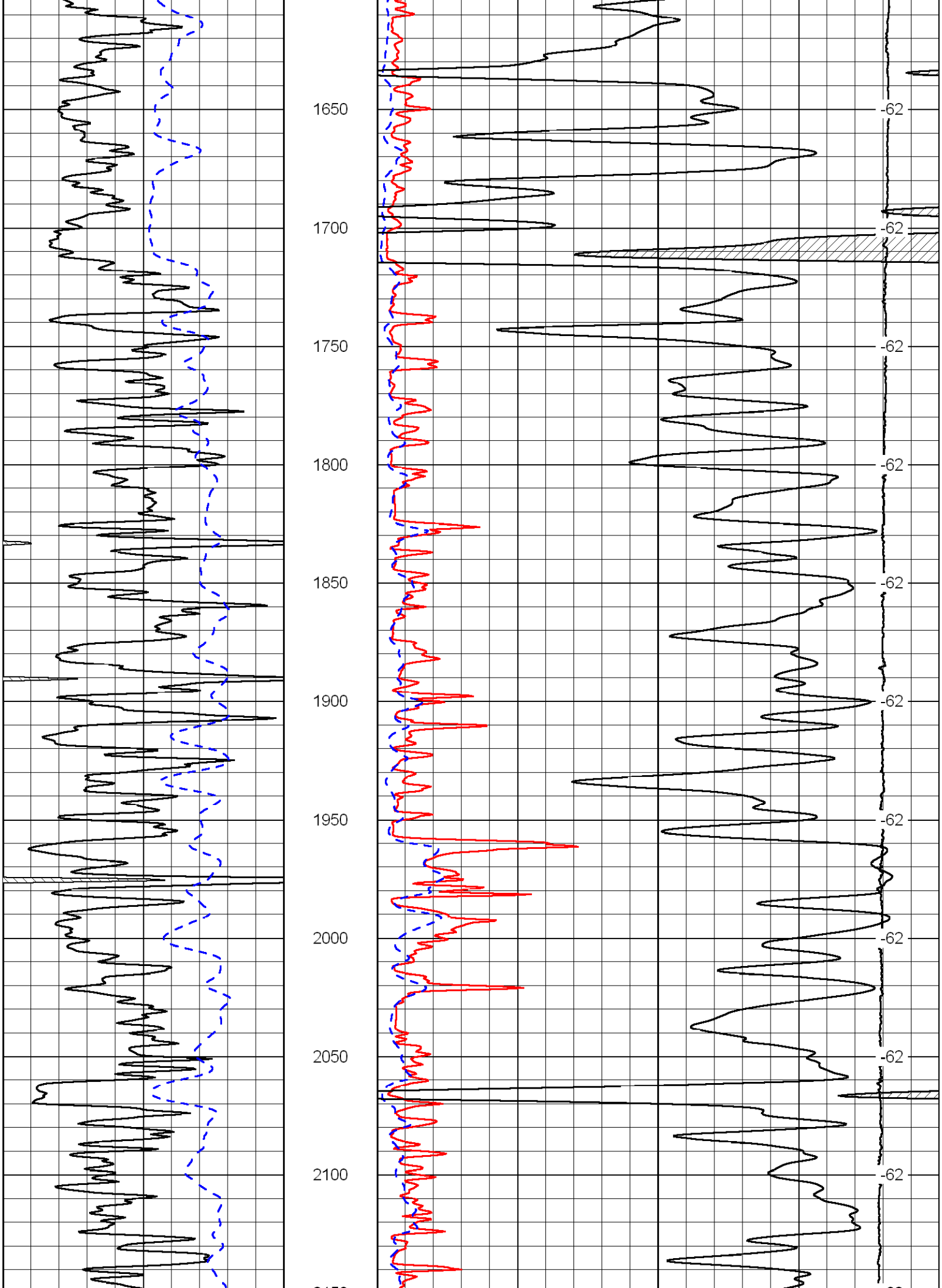
Ellinwood, East to County line 1East to Rd 2, 2 South, 3/4 East, North Into
Did not log bottom 50' of hole because pulled tight on bottom.

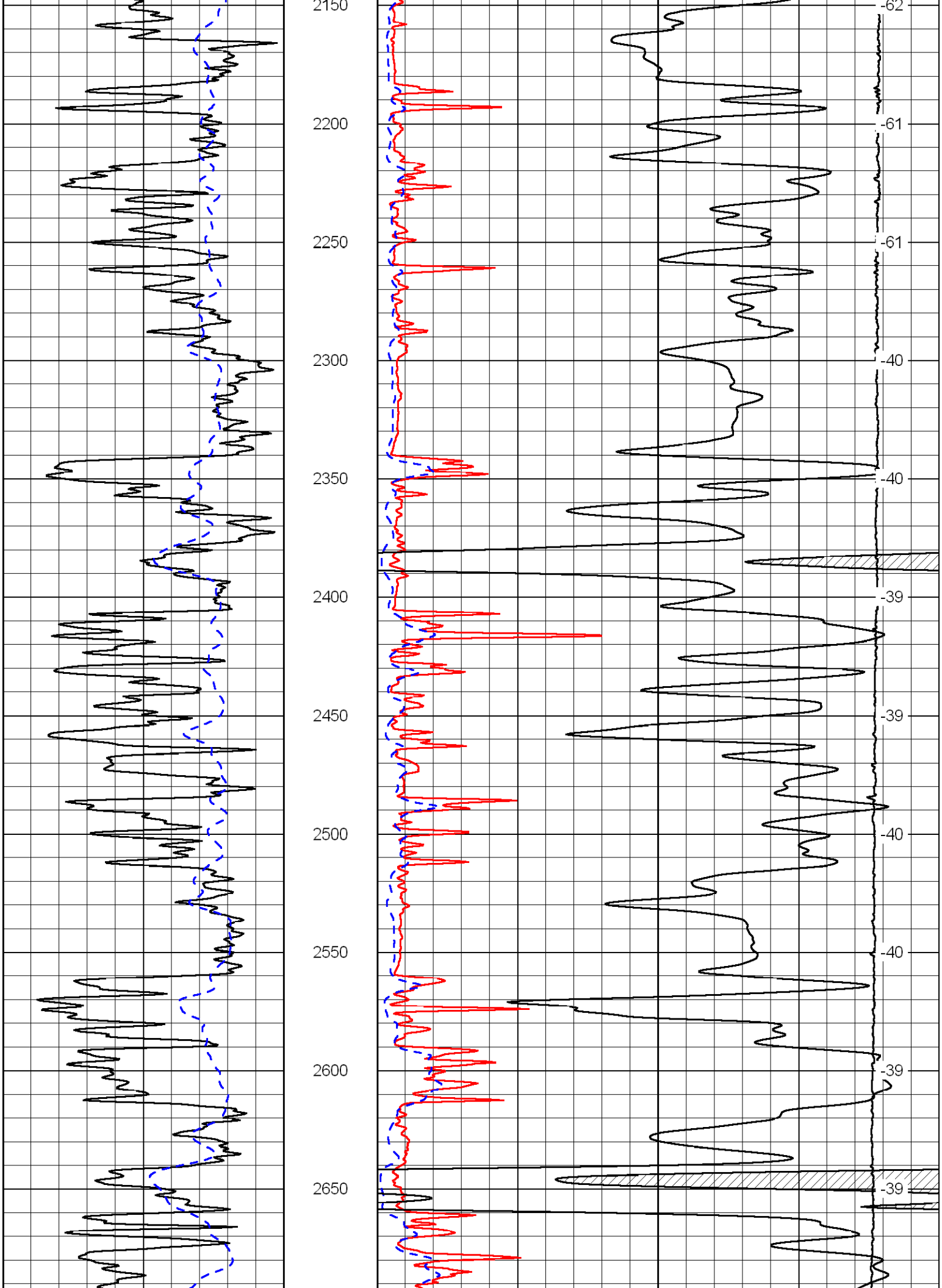
Database File: c:\warrior\data\gil-stew_big red no. 9\g-shd.db
Dataset Pathname: dil/g-sstck
Presentation Format: dil2in
Dataset Creation: Sat Dec 13 02:10:38 2008
Charted by: Depth in Feet scaled 1:600

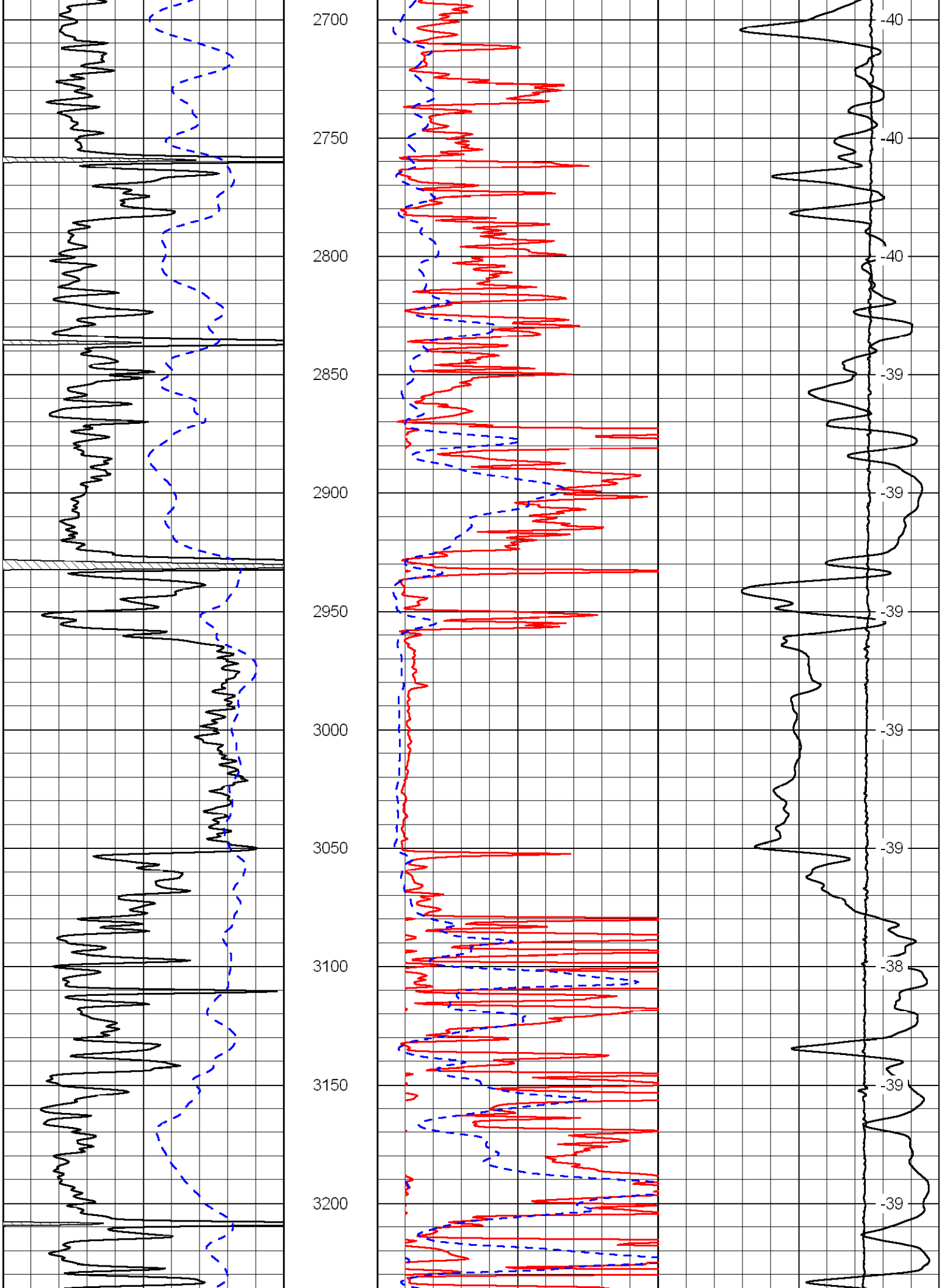

0 Gamma Ray 150
-200 SP 0
0 Shallow Resistivity 50
0 Deep Resistivity 50
1000 Conductivity 0
15000 Line Tension 0
50 Shallow Resistivity 500
50 Deep Resistivity 500
LSPD
50
100
150
200
250
300
350
400
450
500
-30
-63
-63
-70
-28
-30
-22
-65
-65
-65

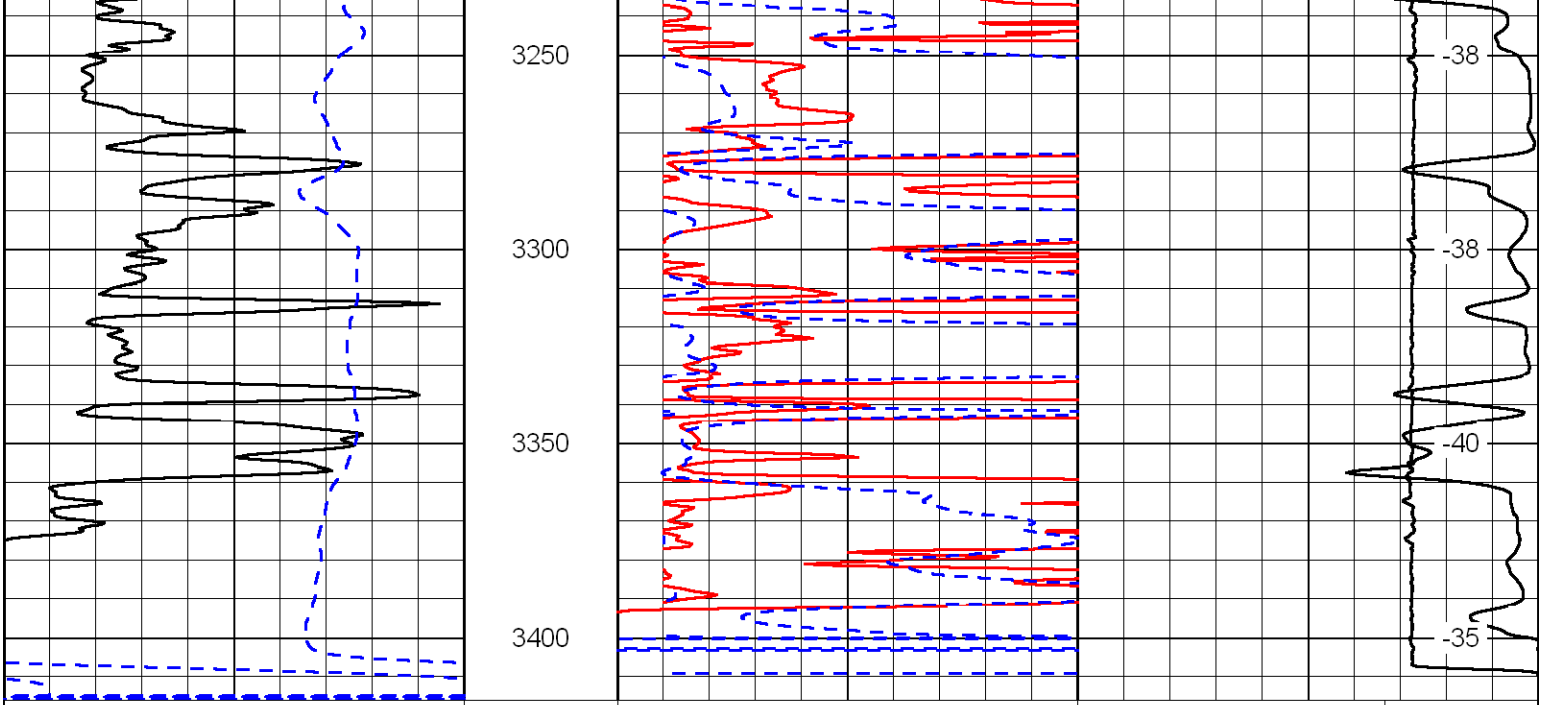

550
600
650
700
750
800
850
900
950
1000
1050
-65
-65
-65
-65
-65
-64
-63
-63
-63
-64


1100
1150
1200
1250
1300
1350
1400
1450
1500
1550
1600
-64
-64
-63
-63
-64
-64
-64
-63
-62
-62

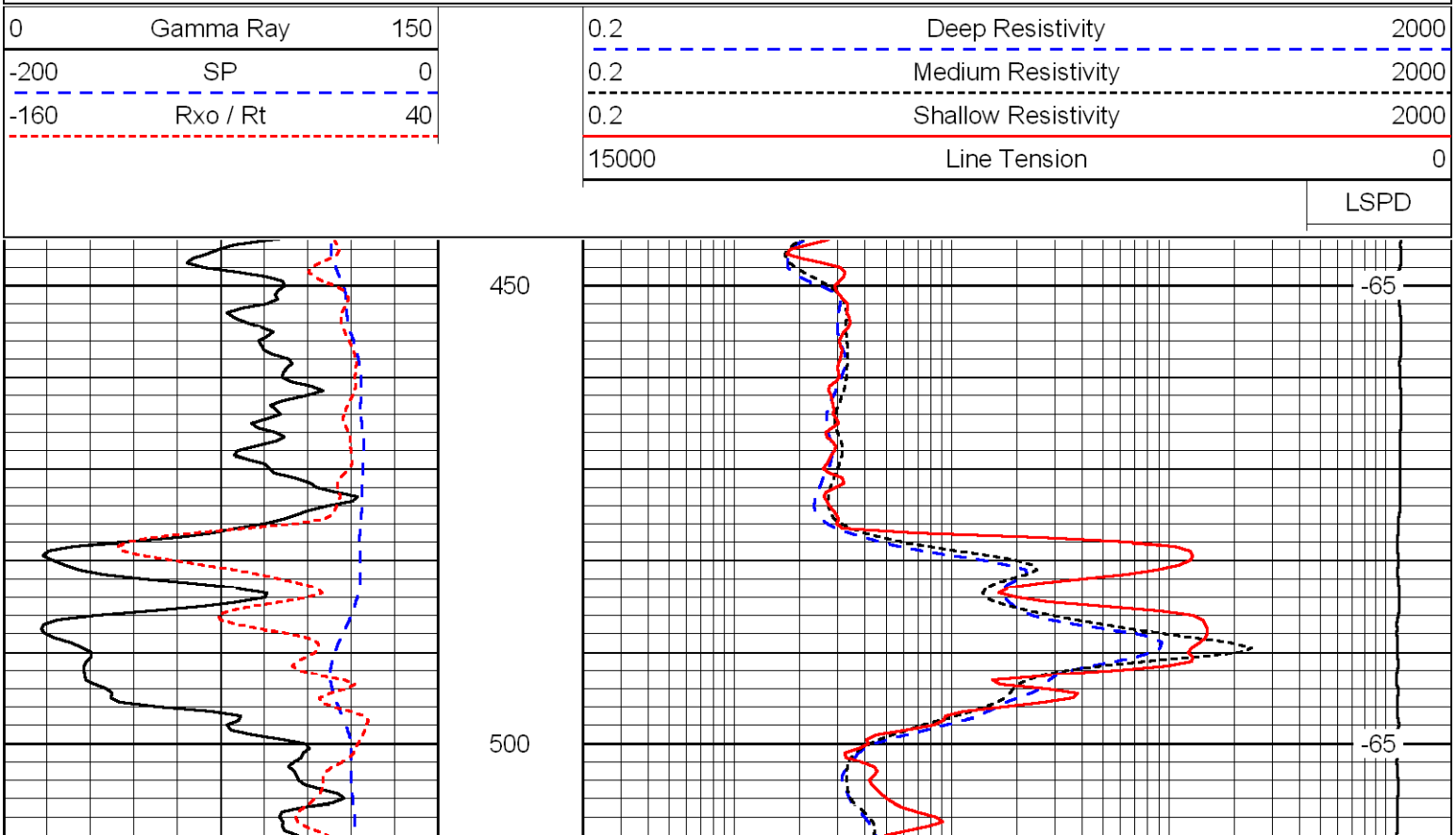

1650
1700
1750
1800
1850
1900
1950
2000
2050
2100
-62
-62
-62
-62
-62
-62
-62
-62
-62

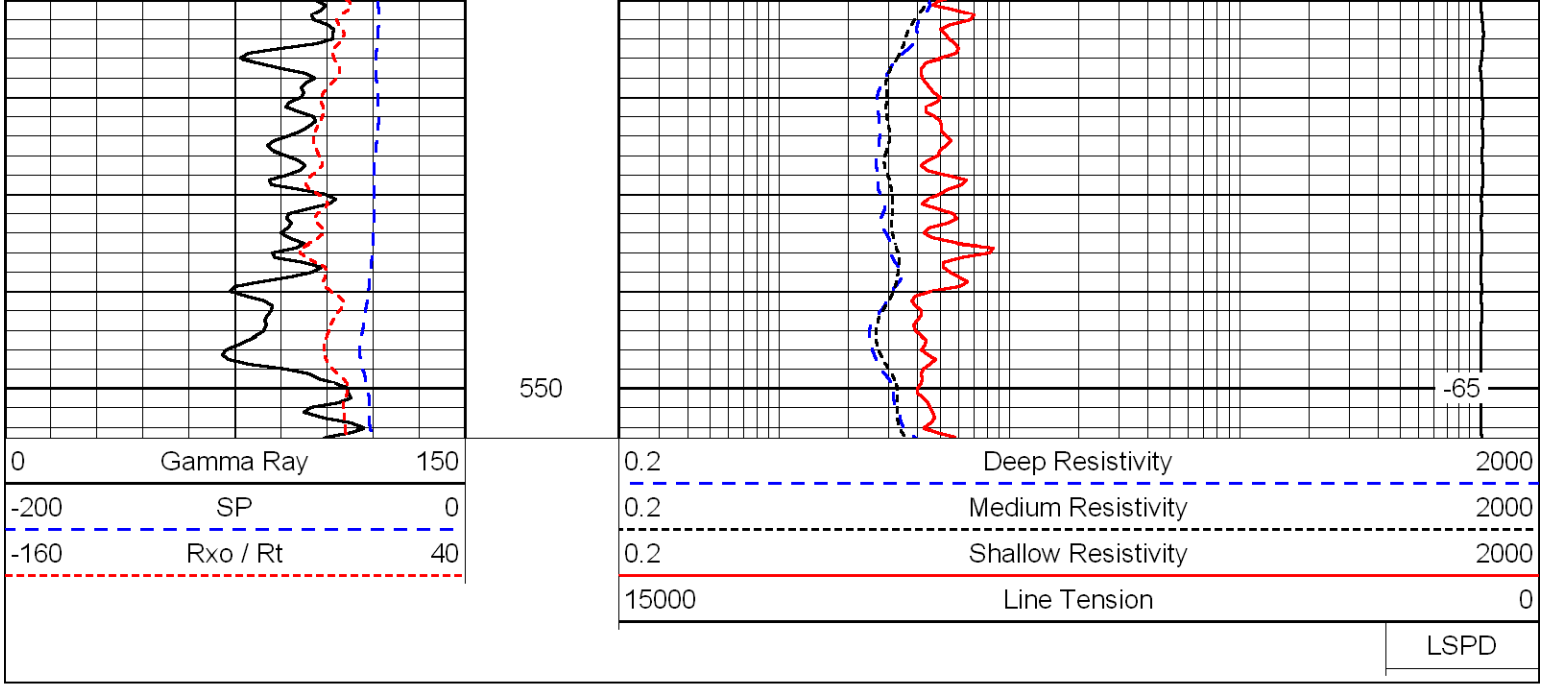

2150
2200
2250
2300
2350
2400
2450
2500
2550
2600
2650
-62
-61
-61
-40
-40
-39
-39
-40
-40
-39
-39


2700
2750
2800
2850
2900
2950
3000
3050
3100
3150
3200
-40
-40
-40
-39
-39
-39
-39
-39
-38
-39
-39

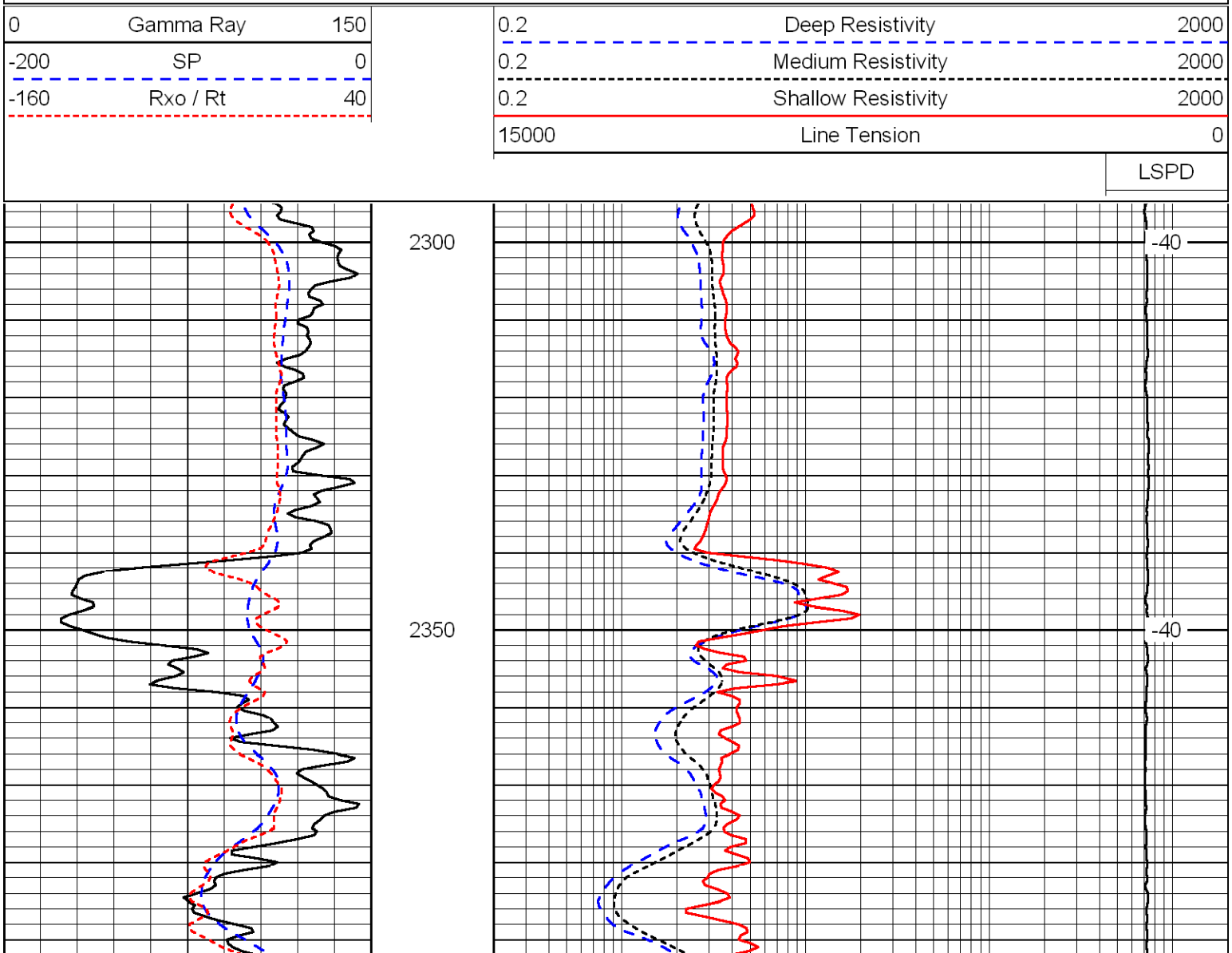


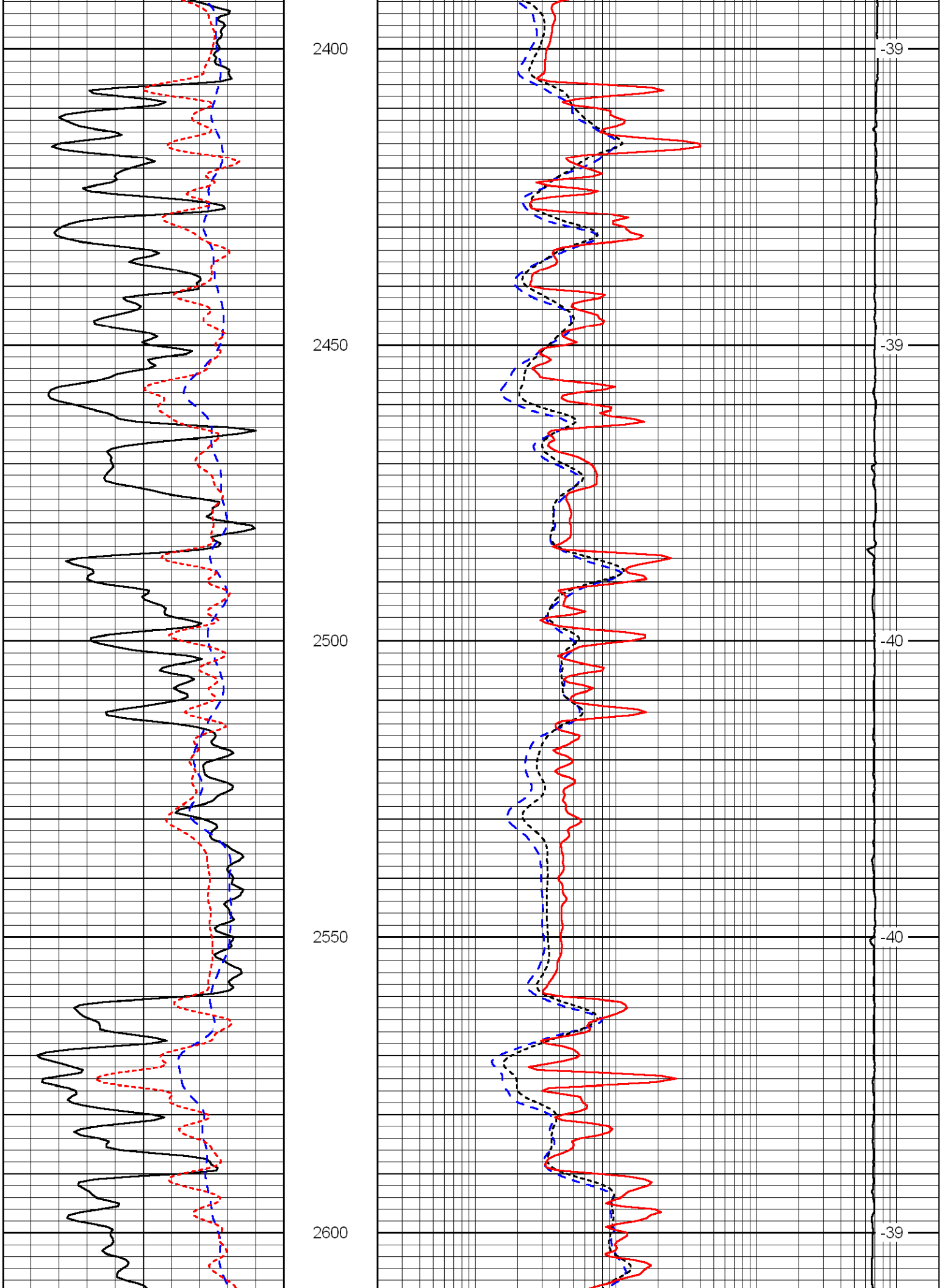
Database File: c:\warrior\data\gil-stew_big red no. 9\g-shd.db
Dataset Pathname: dil/g-sstck
Presentation Format: dil
Dataset Creation: Sat Dec 13 02:10:38 2008
Charted by: Depth in Feet scaled 1:240

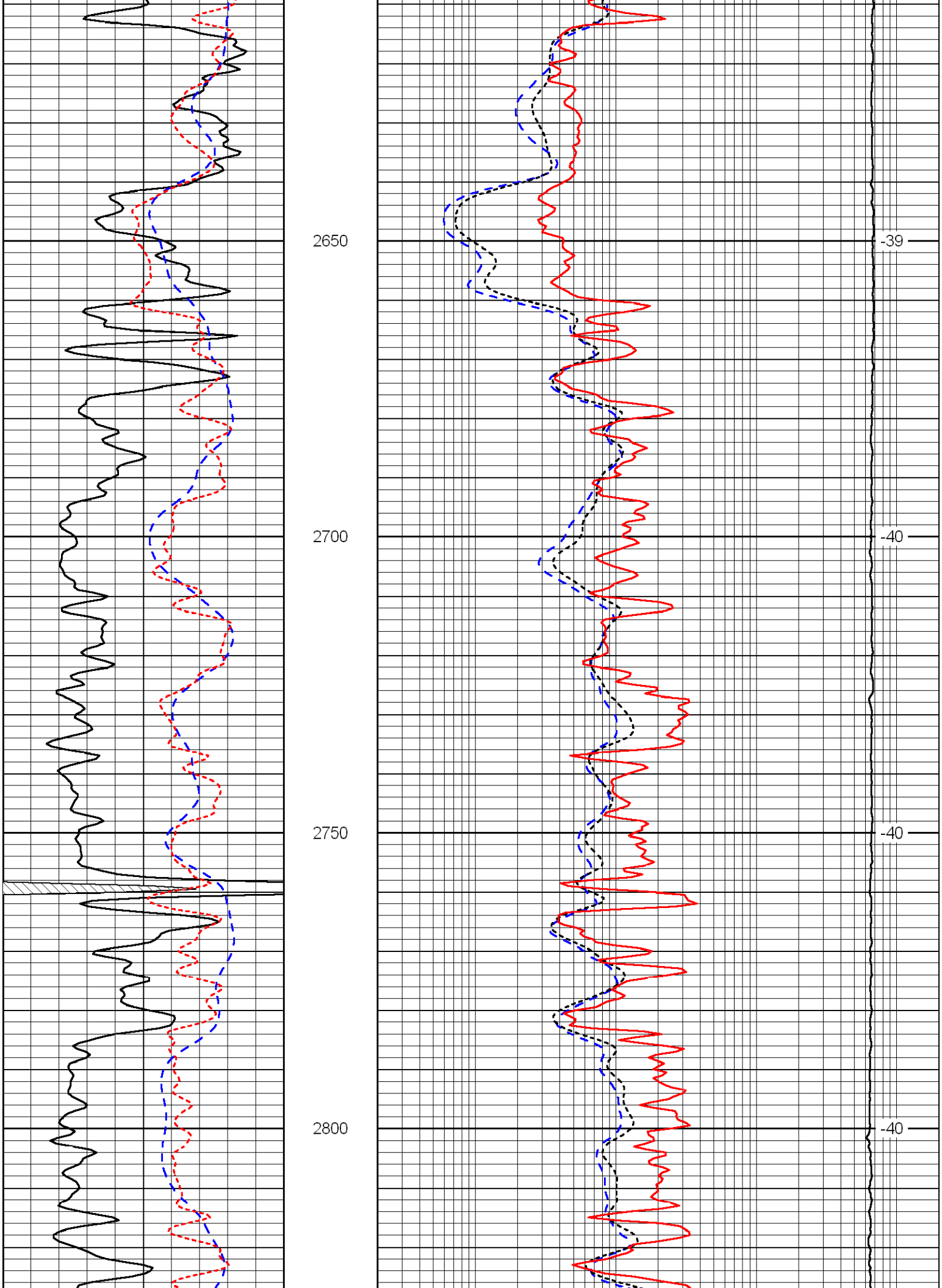


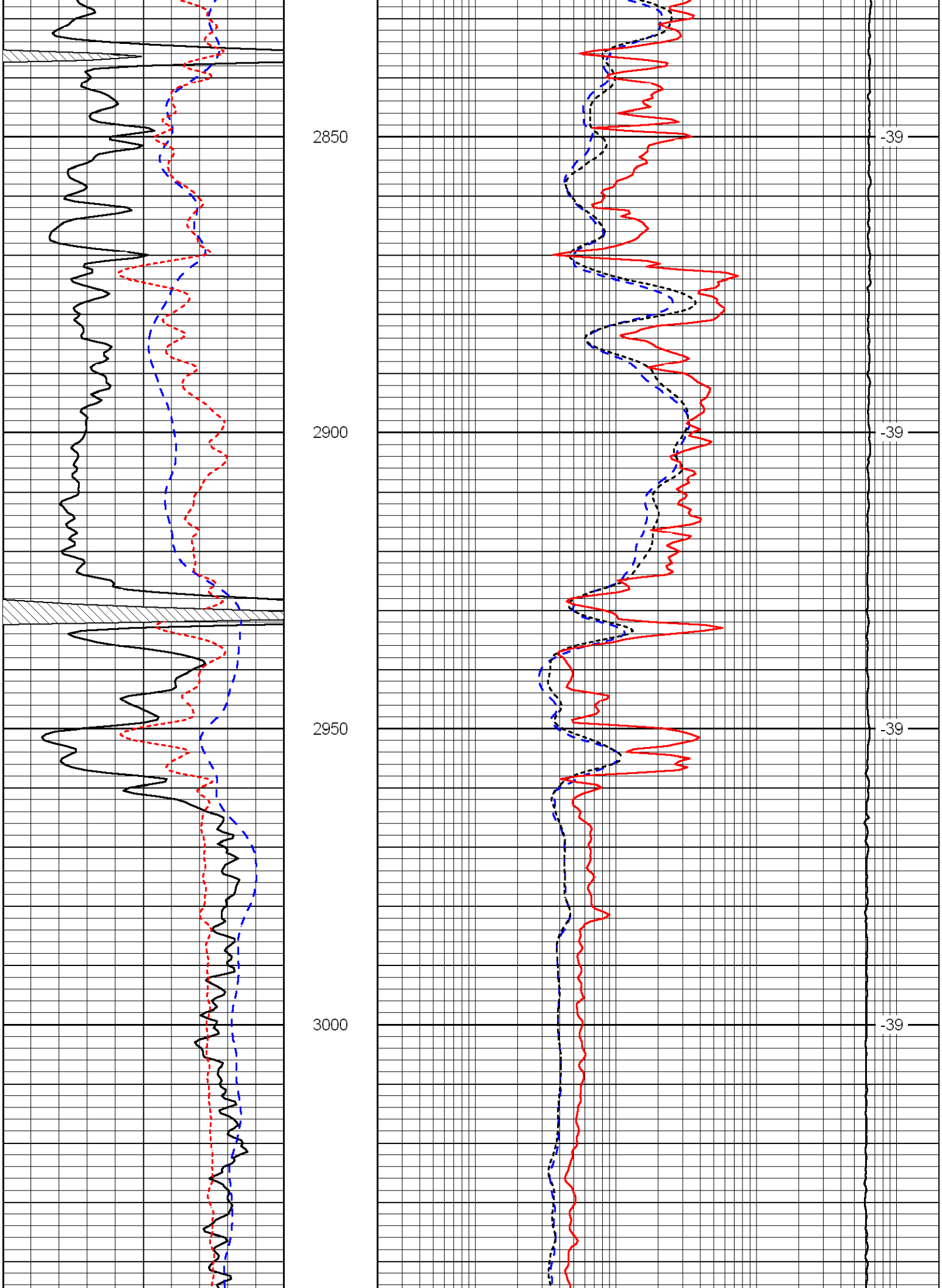


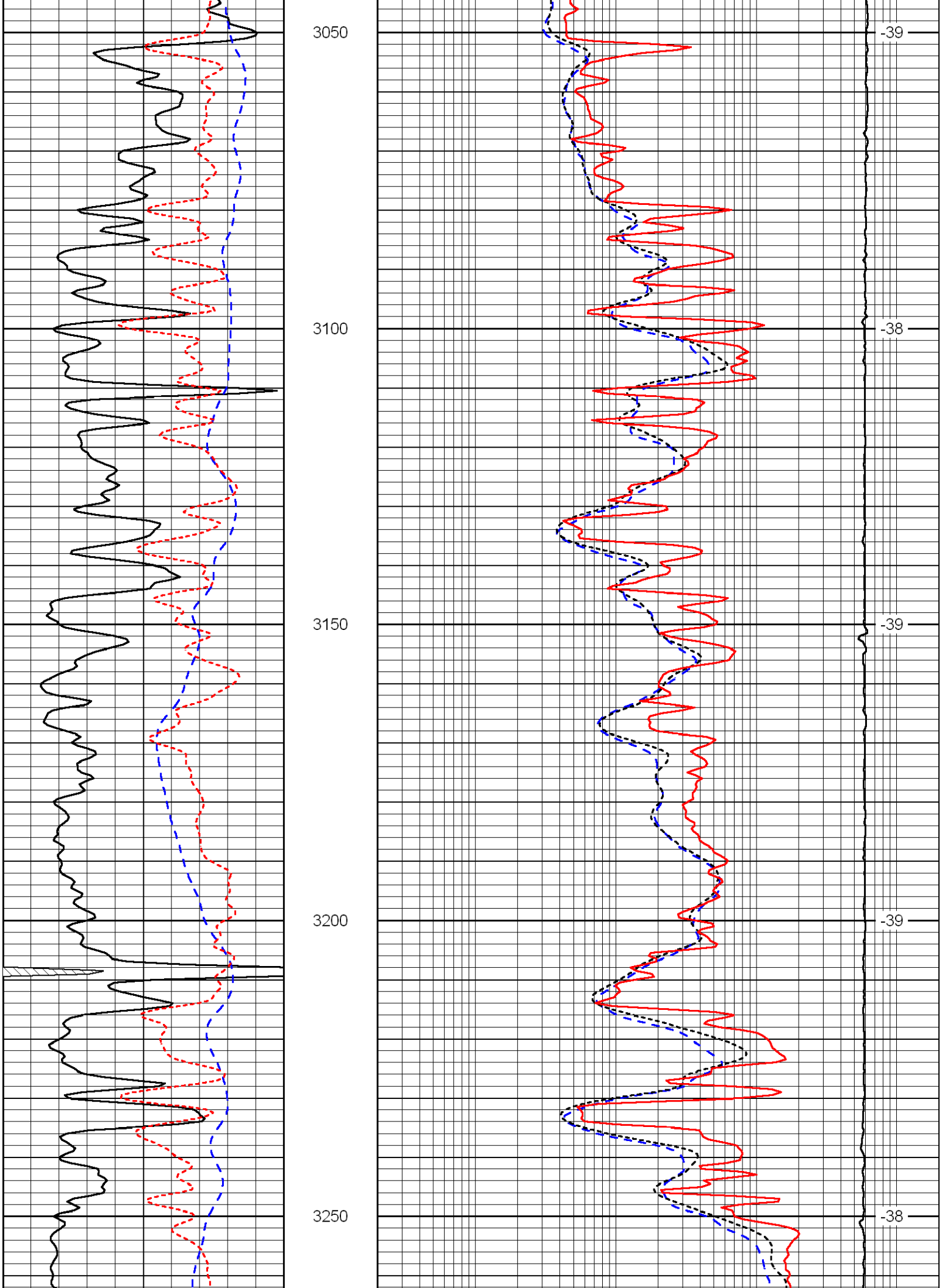
Database File:	c:\warrior\data\gil-stew_big red no. 9\g-shd.db
Dataset Pathname:	dil/g-sstck
Presentation Format:	dil
Dataset Creation:	Sat Dec 13 02:10:38 2008
Charted by:	Depth in Feet scaled 1:240

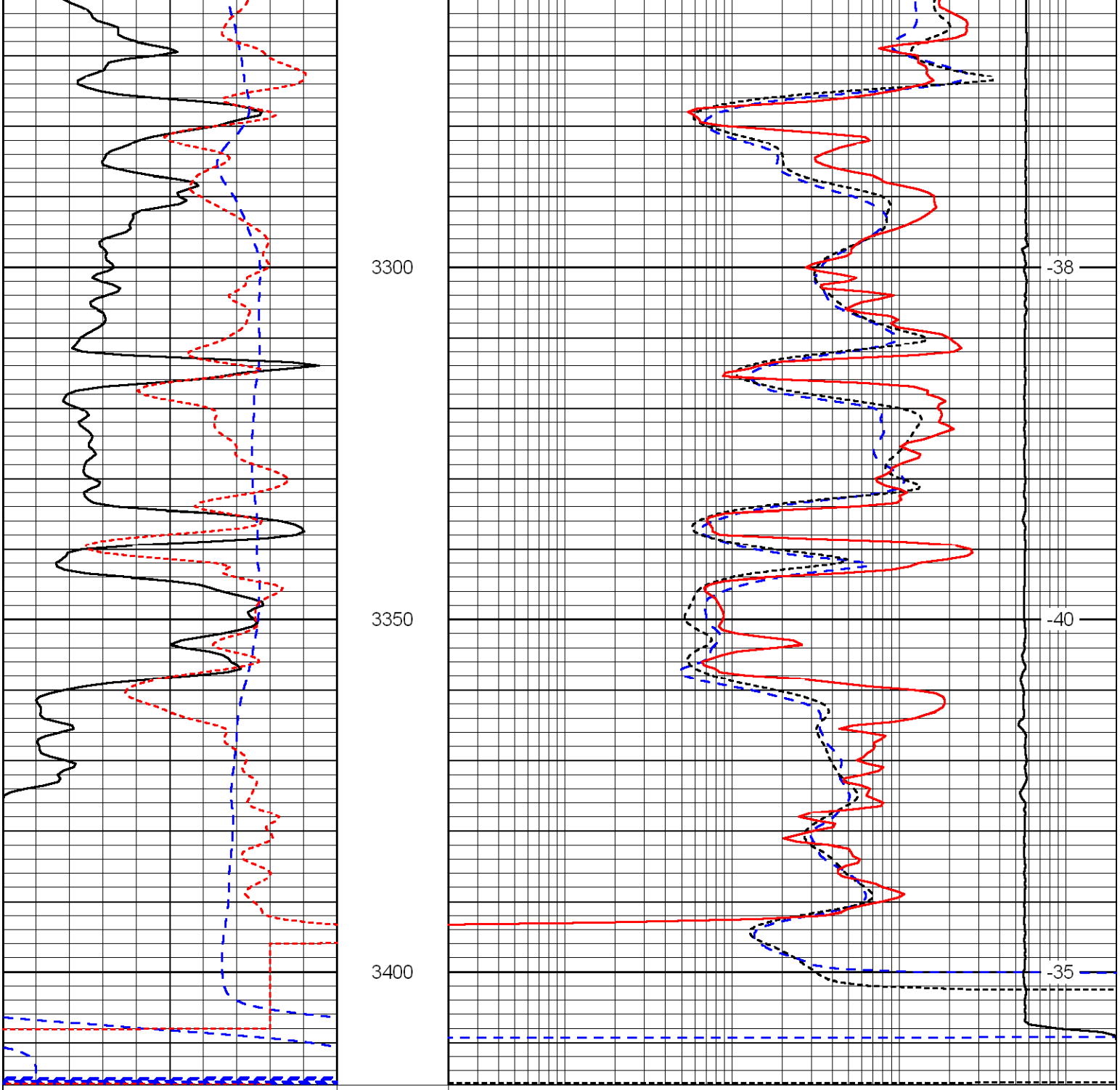



2400
2450
2500
2550
2600
-39
-39
-40
-40
-39


2650
2700
2750
2800
-39
-40
-40
-40


2850
2900
2950
3000
-39
-39
-39
-39


3050
3100
3150
3200
3250
-39
-38
-39
-39
-38



0	Gamma Ray	150
-200	SP	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