



## Dual Compensated Porosity Log

Pioneer Energy Services

API No.

15-009-25868-00-00

Company **Berenergy Corporation**  
Well **Roetzel 'A' #27**  
Field **Chase Silica**  
County **Barton** State **Kansas**

Location

1270' FNL & 1788' FEL

Sec: 24

Twp: 20S

Rge: 11W

Other Services  
DIL  
MEI/BHCS

Permanent Datum

Log Measured From

Ground Level  
Kelly Bushing  
Kelly Bushing

Elevation 1749  
10 Ft. Above Perm. Datum

Elevation

K.B. 1759  
D.F.  
G.L. 1749

Date

06/12/2014

Run Number

One

Type Log

CNL / CDL

Depth Driller

3365

Depth Logger

3363

Bottom Logged Interval

3342

Top Logged Interval

2200

Type Fluid In Hole

Chemical

Salinity, PPM CL

2000

Density

9.2

Level

Full

Max. Rec. Temp. F

112

Operating Rig Time

5 Hours

Equipment -- Location

91 Hays

Recorded By

M. Beougher

Witnessed By

D. Schmidt

Witnessed By

Ryan Thress

Borehole Record

Casing Record

Run No.

Bit

From

To

Size

Wgt.

From

To

1334

1

12.25

00

1334

8.625

24#

00

1334

2

7.875

1334

3365

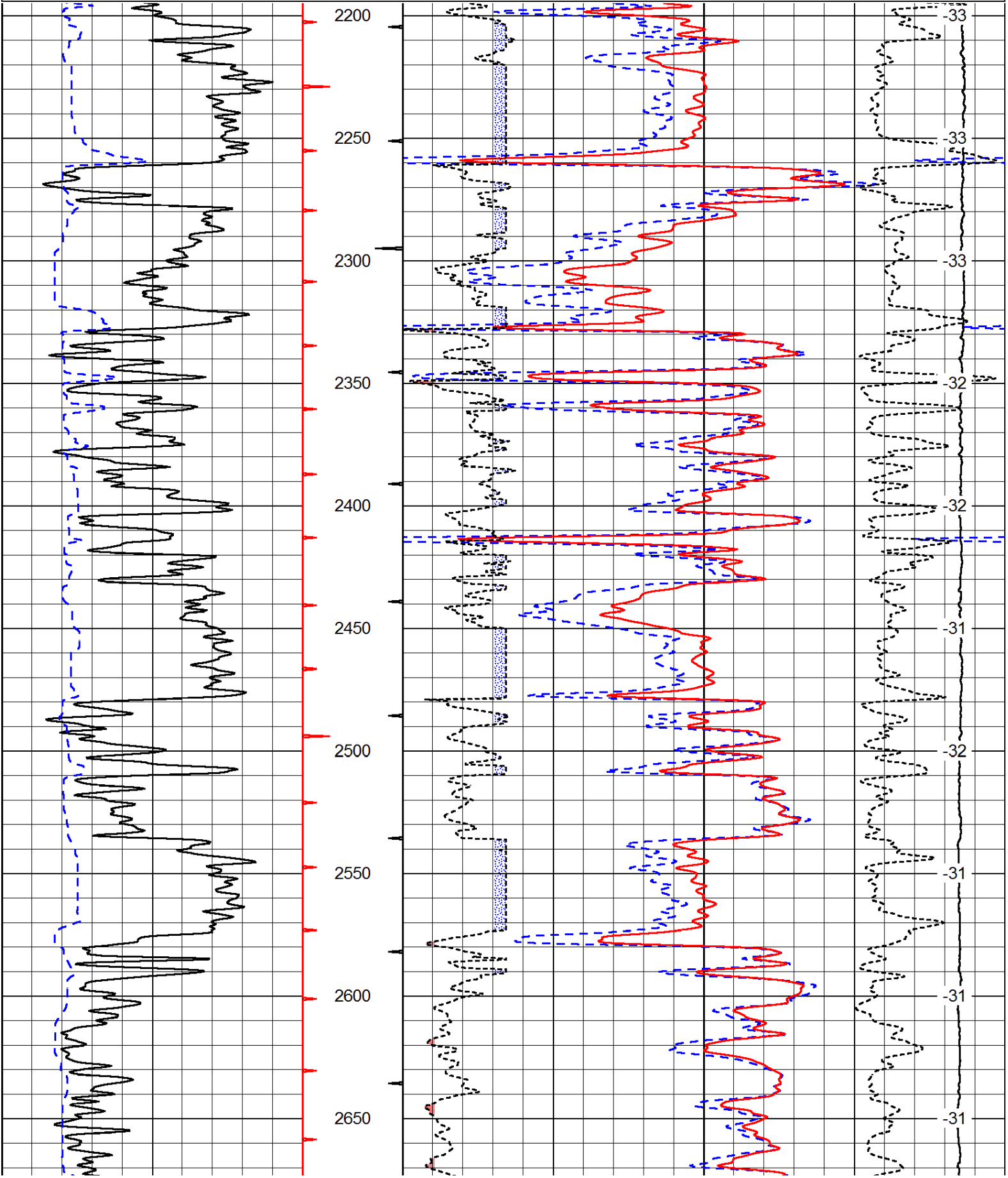
### Comments

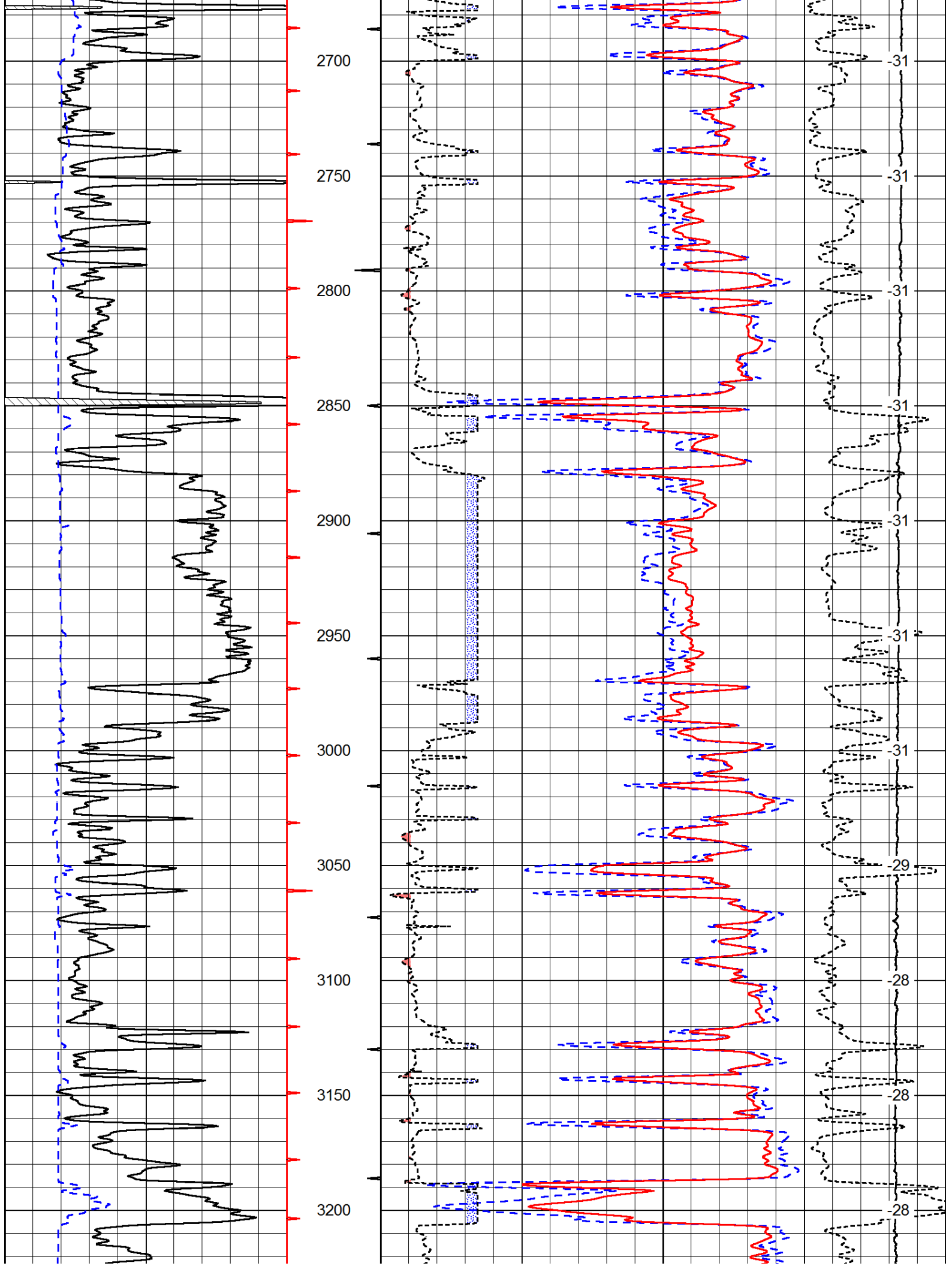
Thank you for using Pioneer Energy Services  
www.pioneerres.com  
785 625 3858  
Great Bend,  
South to SE 50 Rd,  
East 14 1/2 Miles,  
North Into

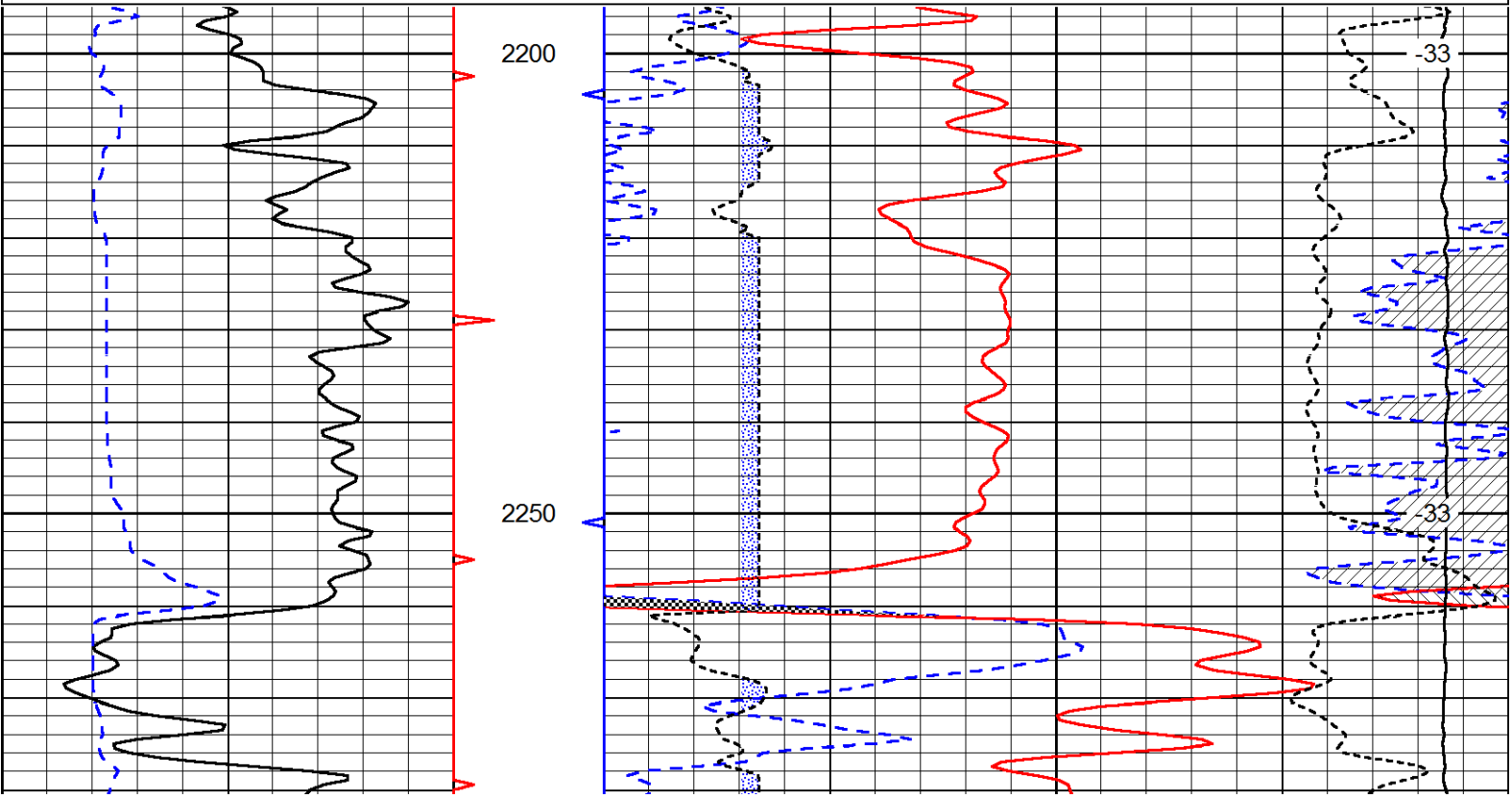
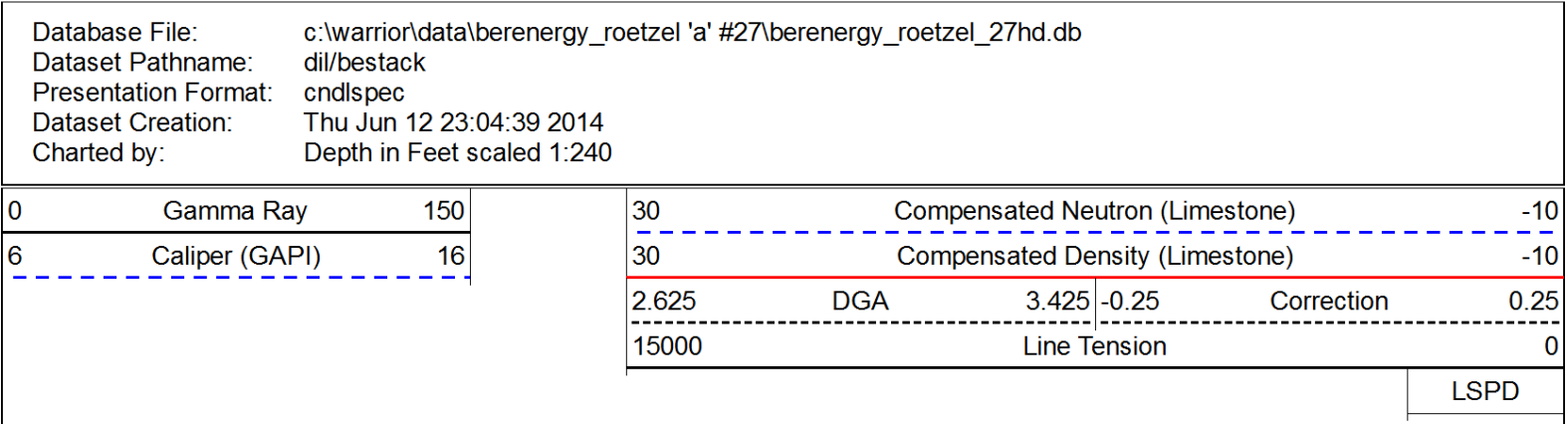
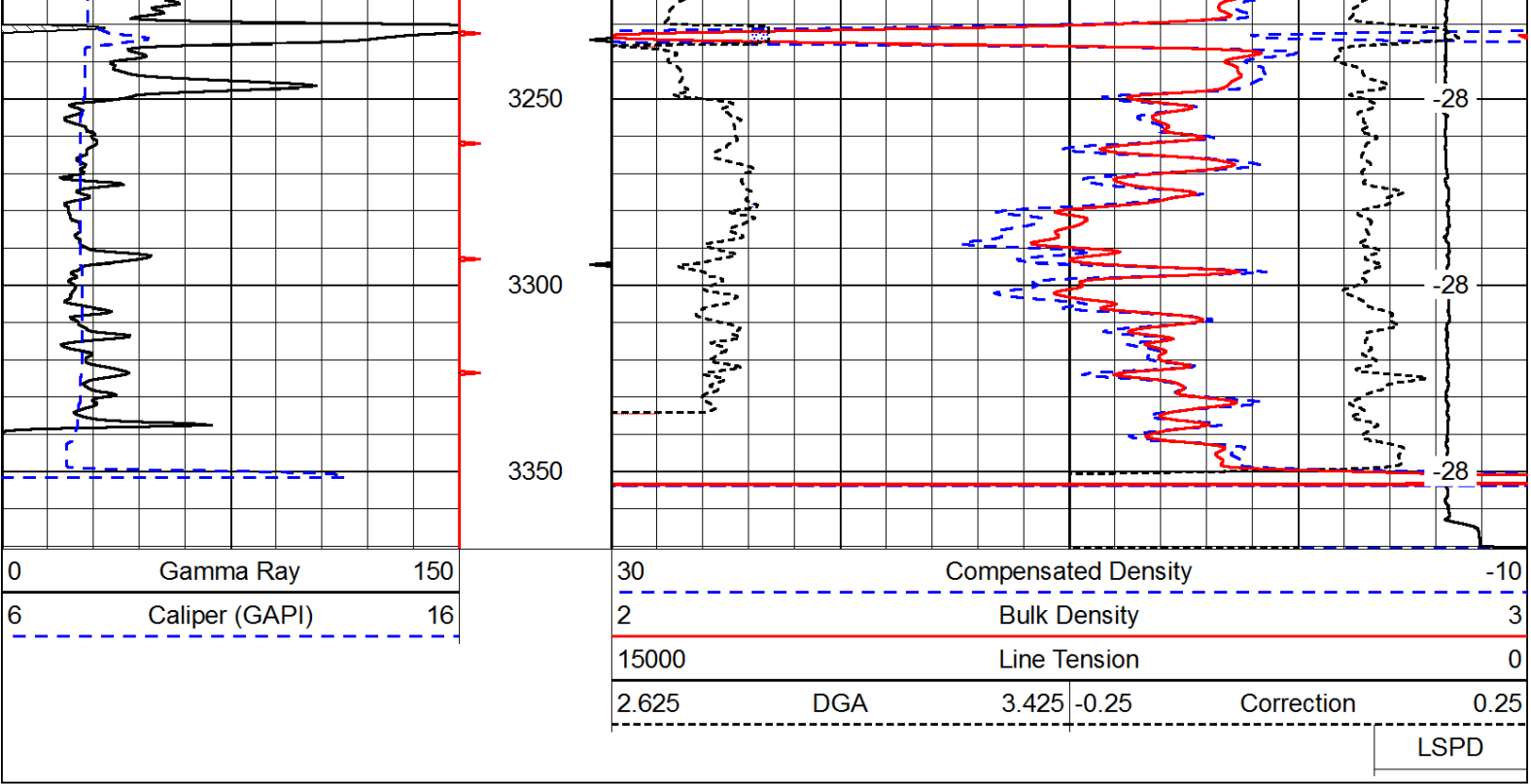
Database File: c:\warrior\data\berenergy\_roetzel 'a' #27\berenergy\_roetzel\_27hd.db  
Dataset Pathname: dil/bestack  
Presentation Format: cdl  
Dataset Creation: Thu Jun 12 23:04:39 2014  
Charted by: Depth in Feet scaled 1:600

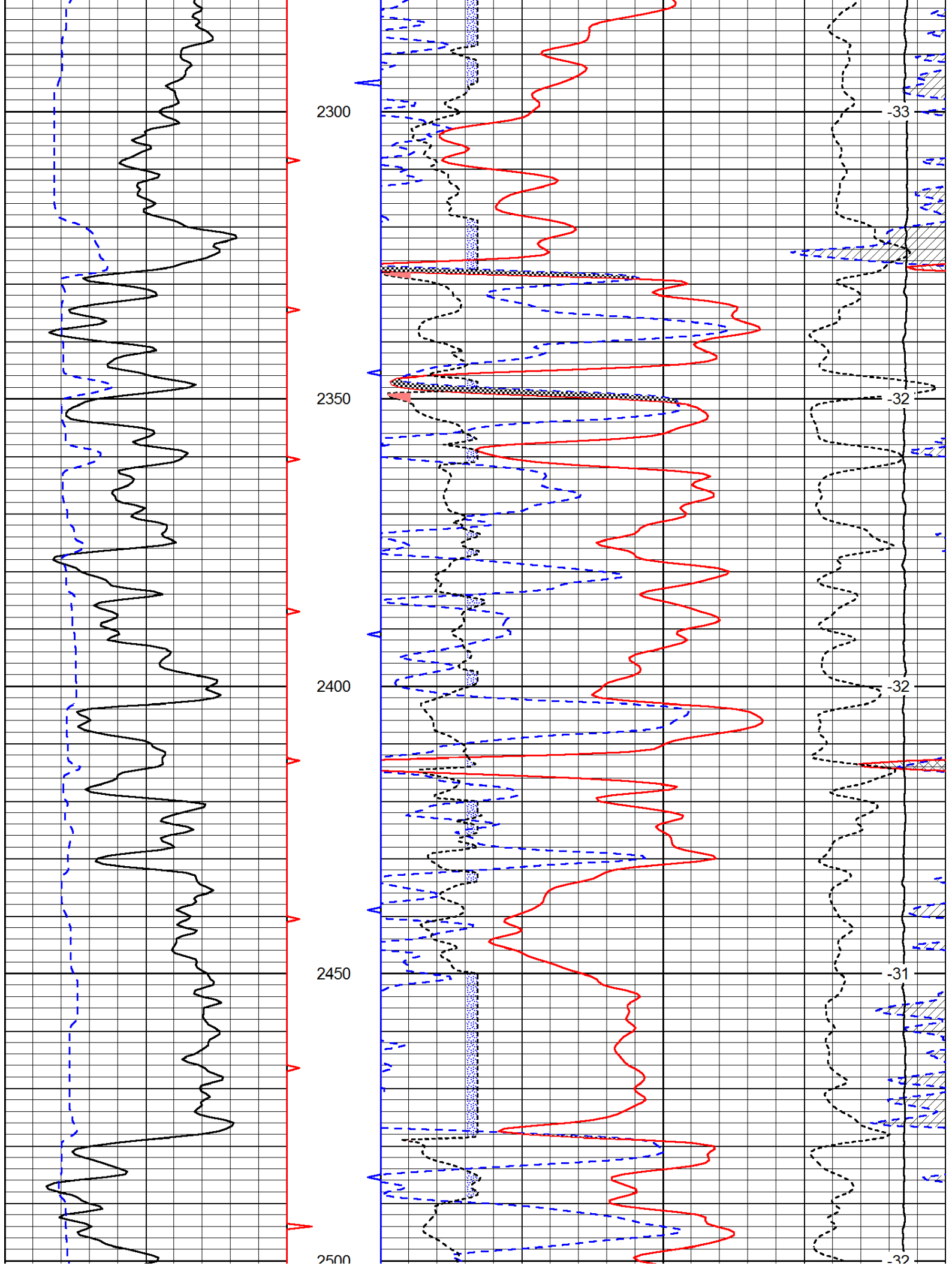
|   |                |     |
|---|----------------|-----|
| 0 | Gamma Ray      | 150 |
| 6 | Caliper (GAPI) | 16  |

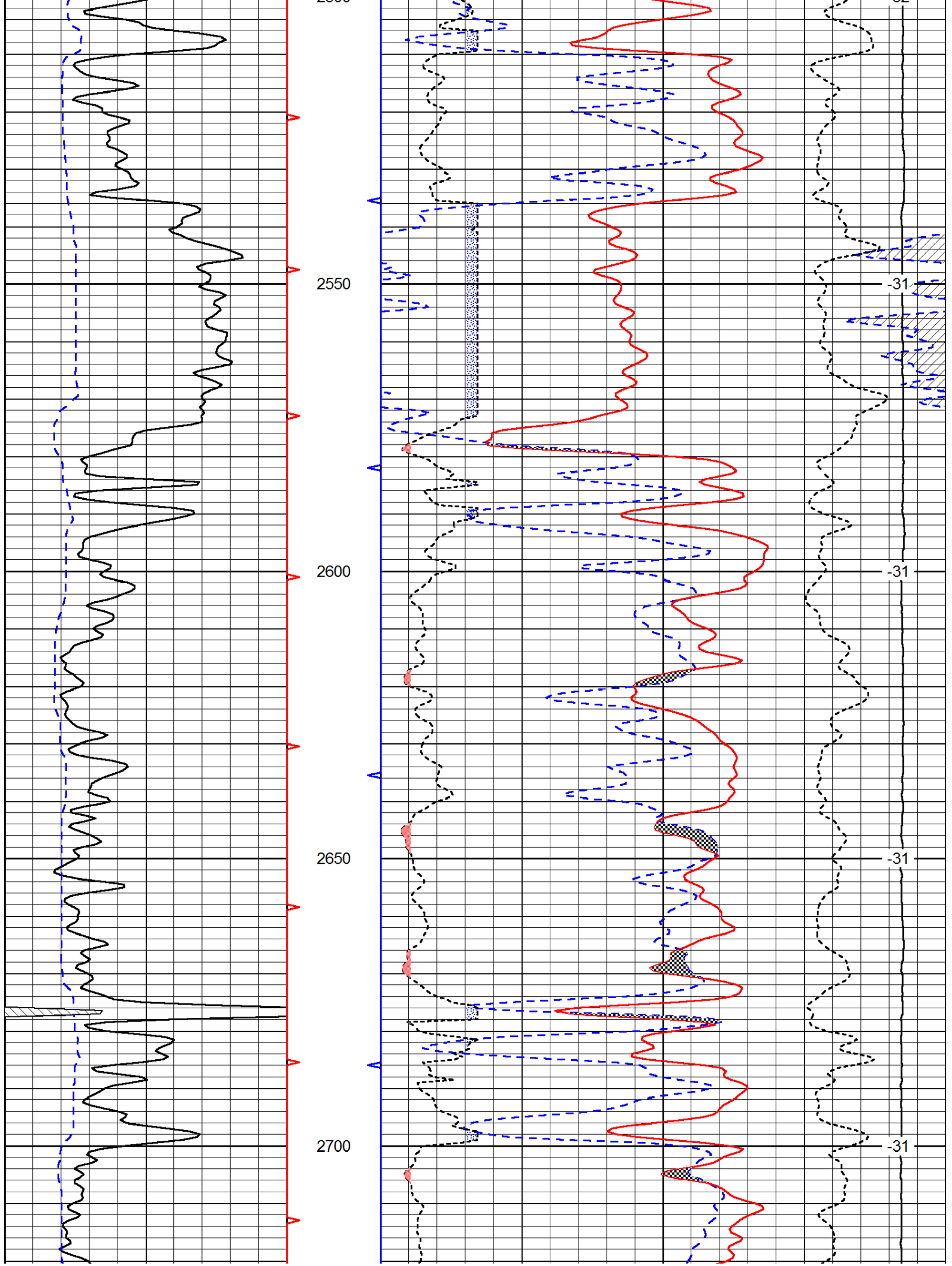
|       |                     |            |       |
|-------|---------------------|------------|-------|
| 30    | Compensated Density |            | -10   |
| 2     | Bulk Density        |            | 3     |
| 15000 | Line Tension        |            | 0     |
| 2.625 | DGA                 | 3.425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

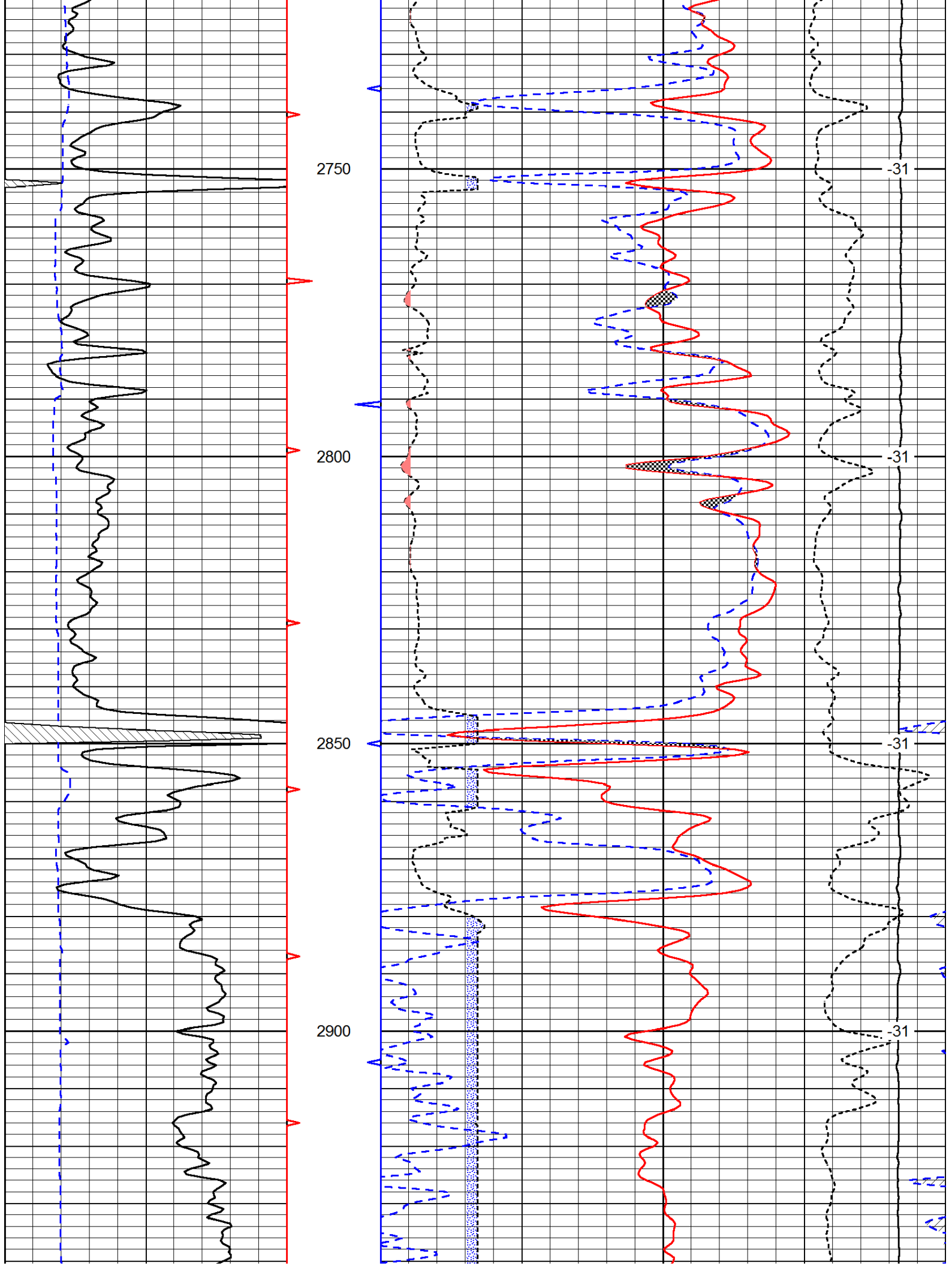


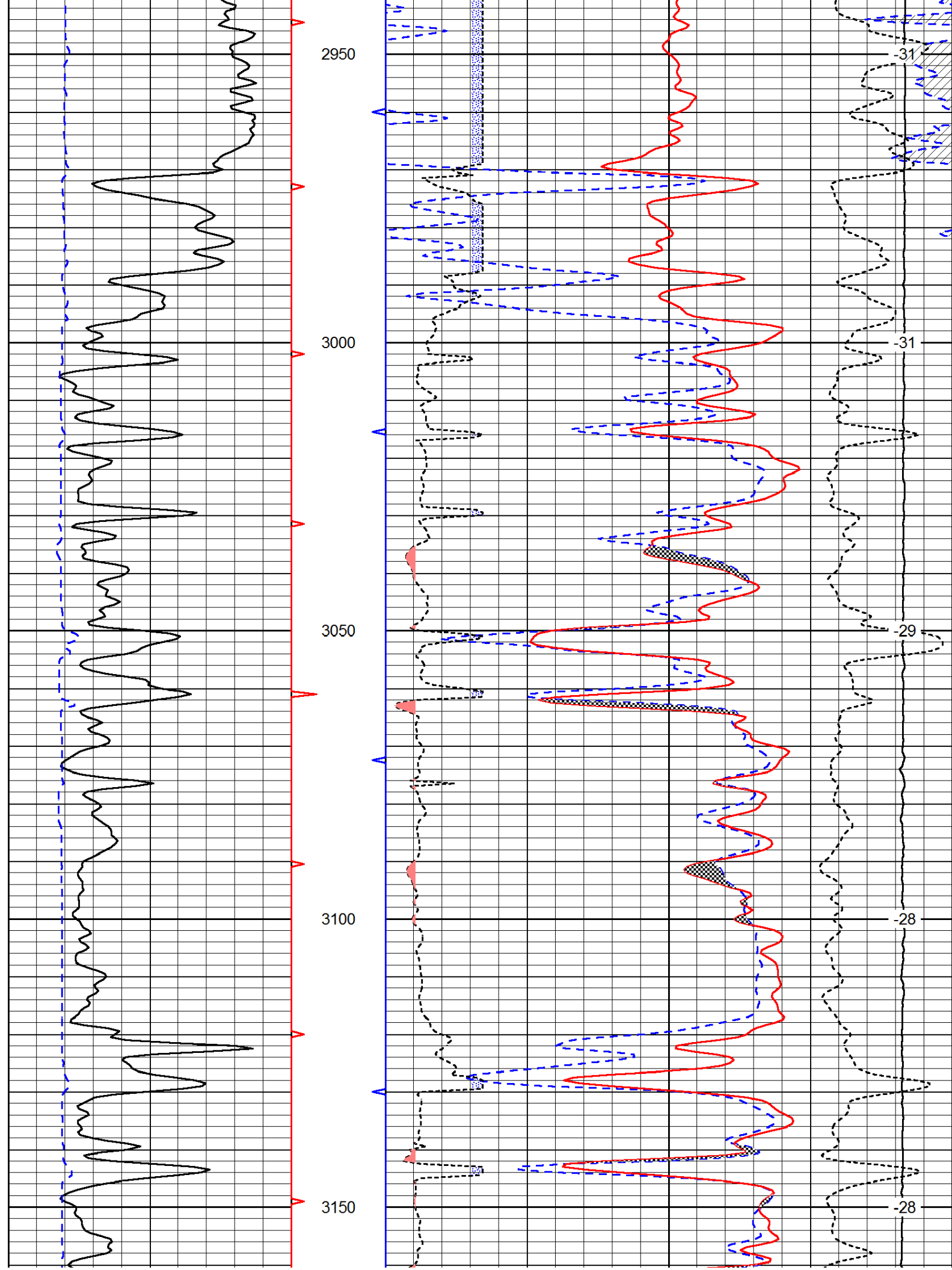




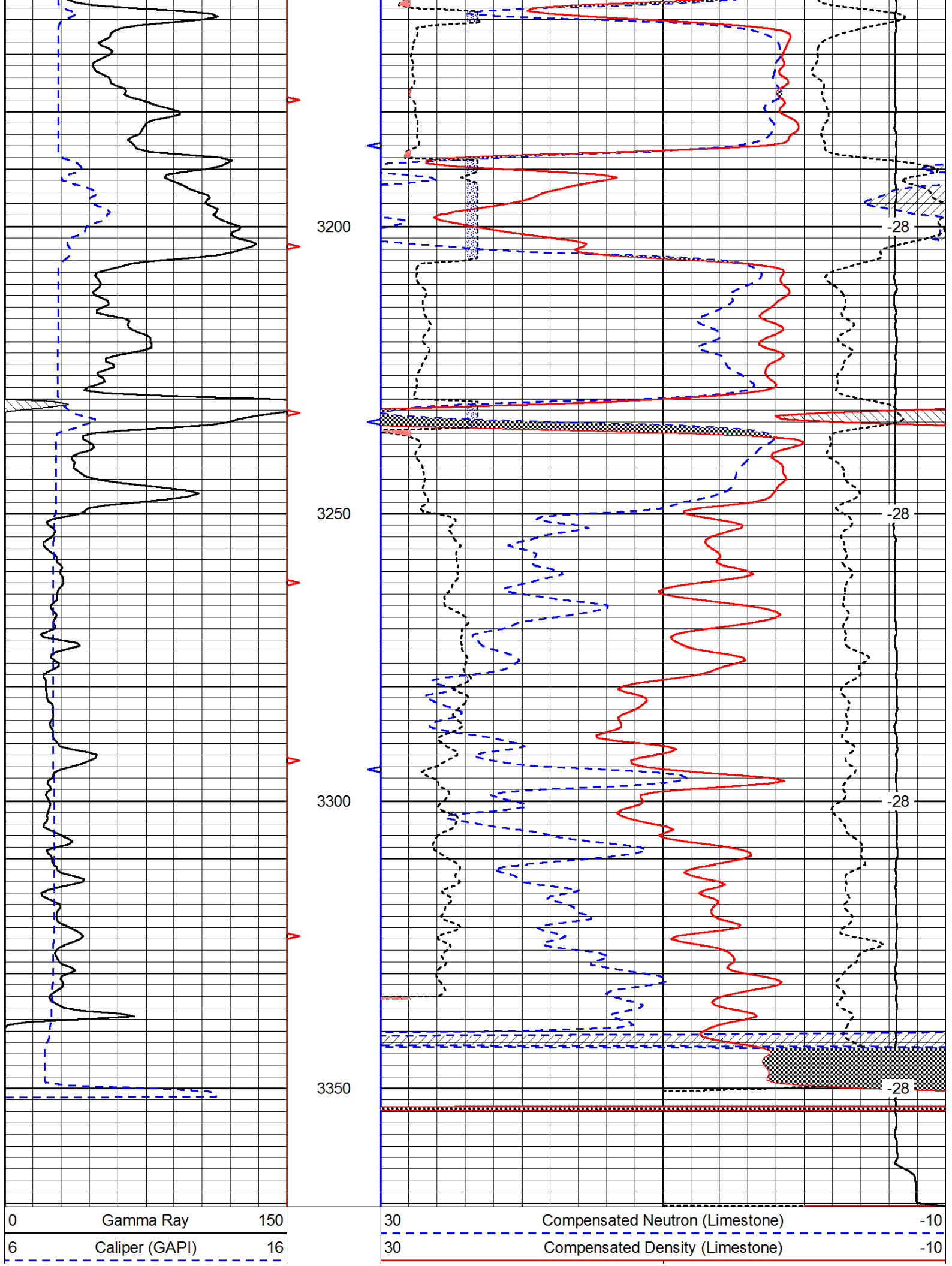












|  |       |     |              |       |            |      |
|--|-------|-----|--------------|-------|------------|------|
|  | 2.625 | DGA | 3.425        | -0.25 | Correction | 0.25 |
|  | 15000 |     | Line Tension |       |            | 0    |
|  |       |     |              |       |            | LSPD |