



## Dual Compensated Porosity Log

Pioneer Energy Services

API No.

15-063-22,229-00-00

Company **Questa Energy Corporation**

Well **Leighton No. 1-35**

Field **Wildcat**

County **Gove**

State **Kansas**

Location

**2145' FNL & 1348' FWL**

Other Services  
DIL  
MEL/BHCS

Sec: **35**

Twp: **13s**

Rge: **27W**

Elevation

Permanent Datum **Ground Level** Elevation **2580.8**  
Log Measured From **Kelly Bushing** 10 Ft. Above Perm. Datum  
Drilling Measured From **Kelly Bushing**

K.B. **2590.8**  
D.F.  
G.L. **2580.8**

Date **12/15/2014**

Run Number **One**

Type Log **CNL / CDL**

Depth Driller **4452**

Depth Logger **4452**

Bottom Logged Interval **4431**

Top Logged Interval **3600**

Type Fluid In Hole **Chemical**

Salinity, PPM CL **3200**

Density **9.1**

Level **Full**

Max. Rec. Temp. F **121**

Operating Rig Time **5 Hours**

Equipment -- Location **108 Hays**

Recorded By **D. Fischer**

Witnessed By **Nita Hunt**

Borehole Record

Casing Record

Run No Bit From To Size Wgt. From To

One 12.25 00 285 8.625 23# 00 285

Two 7.875 285 TD

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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

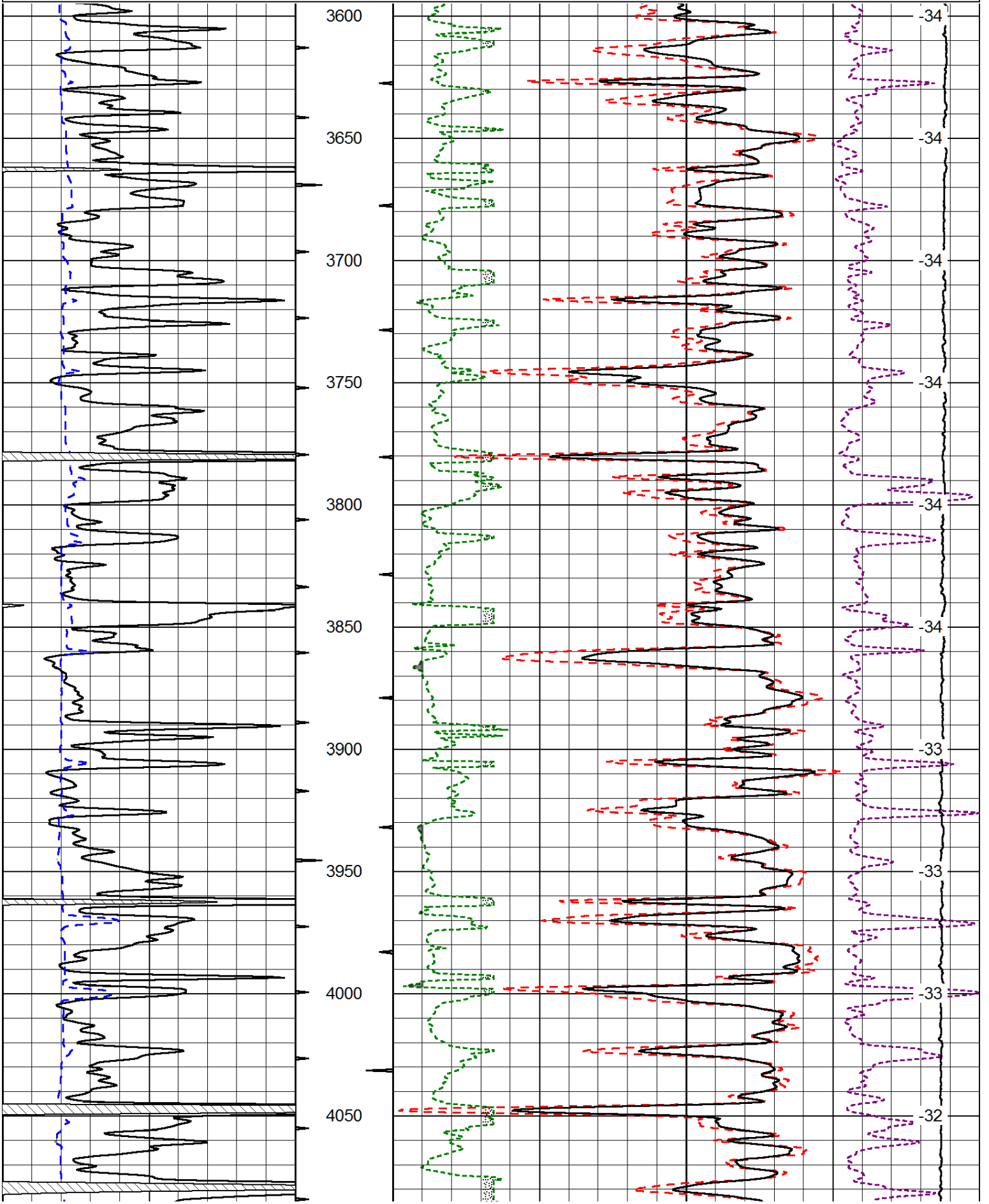
Thank you for using Log-Tech, Inc.  
(785) 625-3858

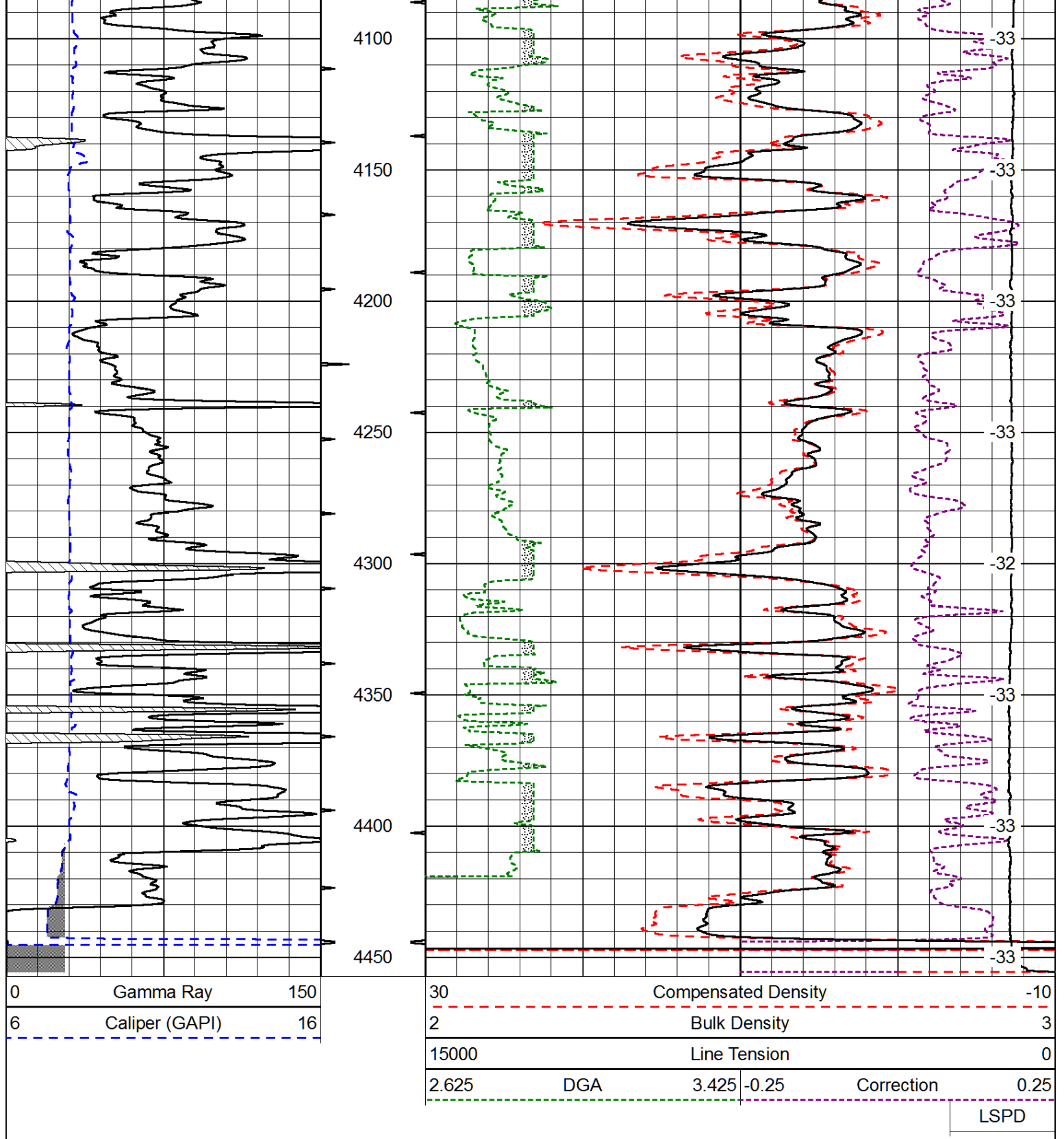
Quinter Ks., 15 south to 'K' Rs., 2 West, 1/2 North, West Into.

Database File: **questa\_leighton\_1-35hd.db**  
Dataset Pathname: **DIL/qustck**  
Presentation Format: **cdl**  
Dataset Creation: **Mon Dec 15 17:29:35 2014**  
Charted by: **Depth in Feet scaled 1:600**

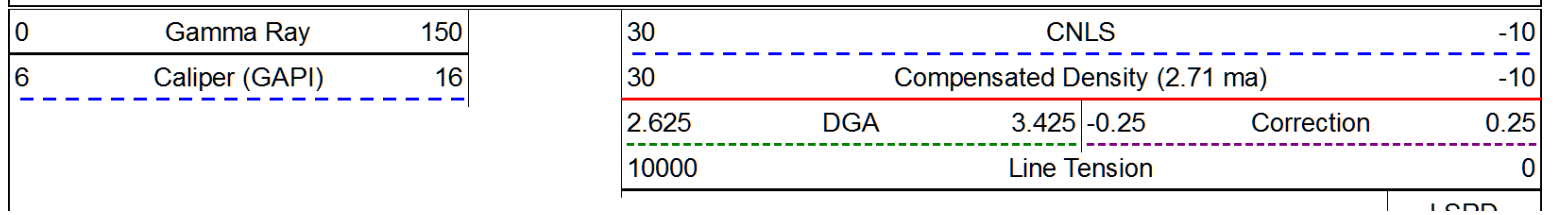
|   |                |     |
|---|----------------|-----|
| 0 | Gamma Ray      | 150 |
| 6 | Caliper (GAPI) | 16  |

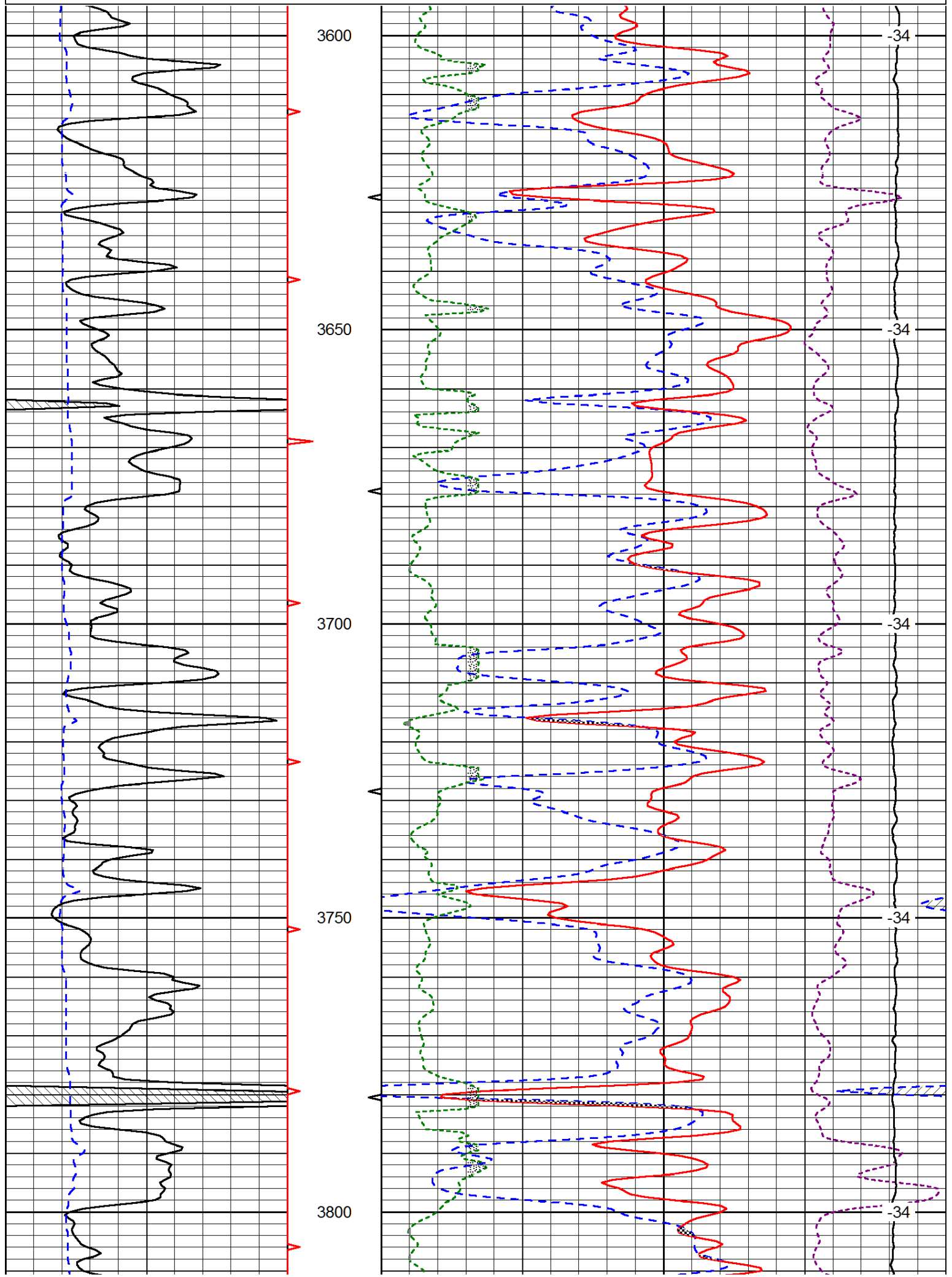
|            |                     |       |       |
|------------|---------------------|-------|-------|
| 30         | Compensated Density |       | -10   |
| 2          | Bulk Density        |       | 3     |
| 15000      | Line Tension        |       | 0     |
| 2.625      | DGA                 |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

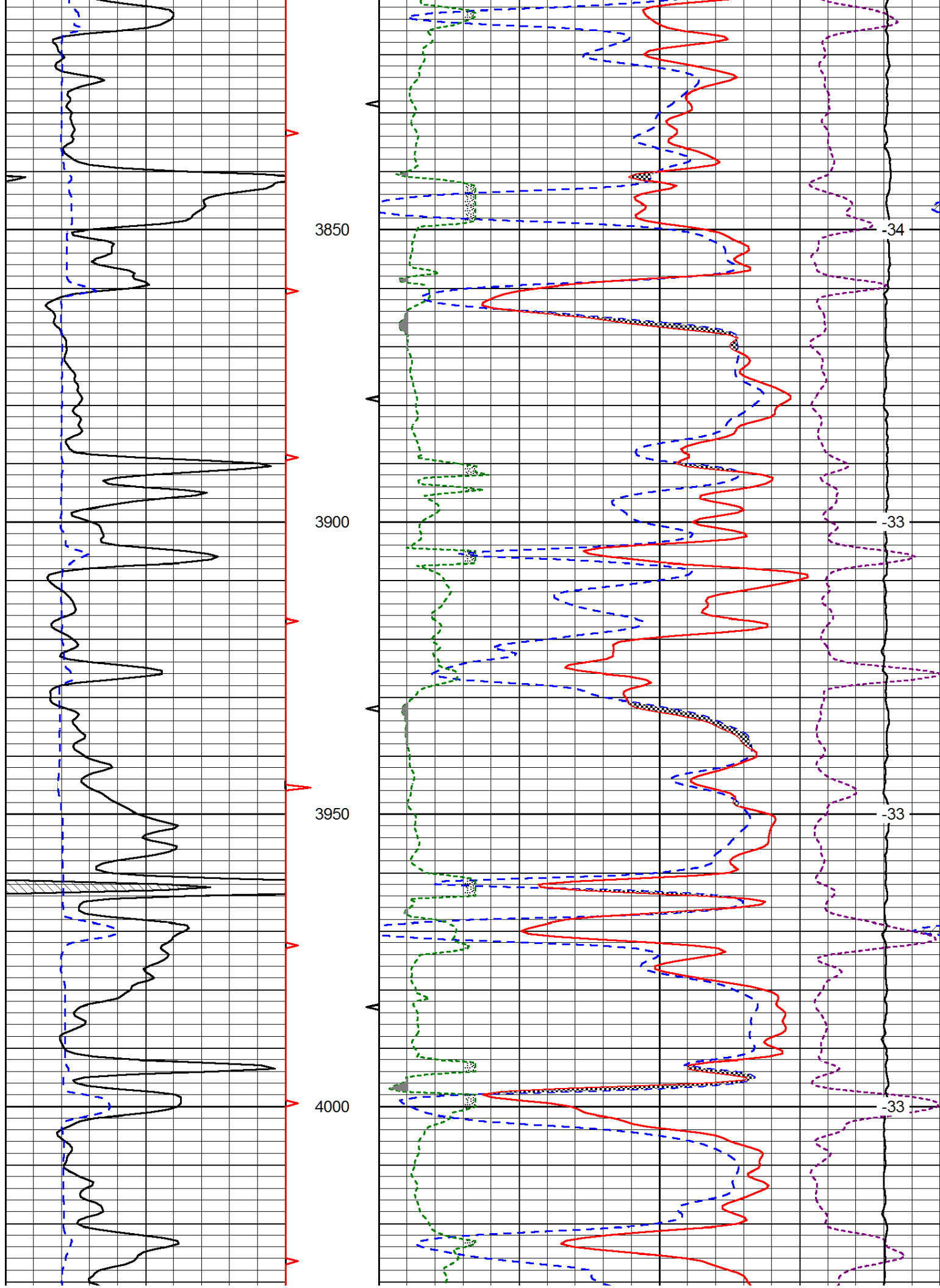


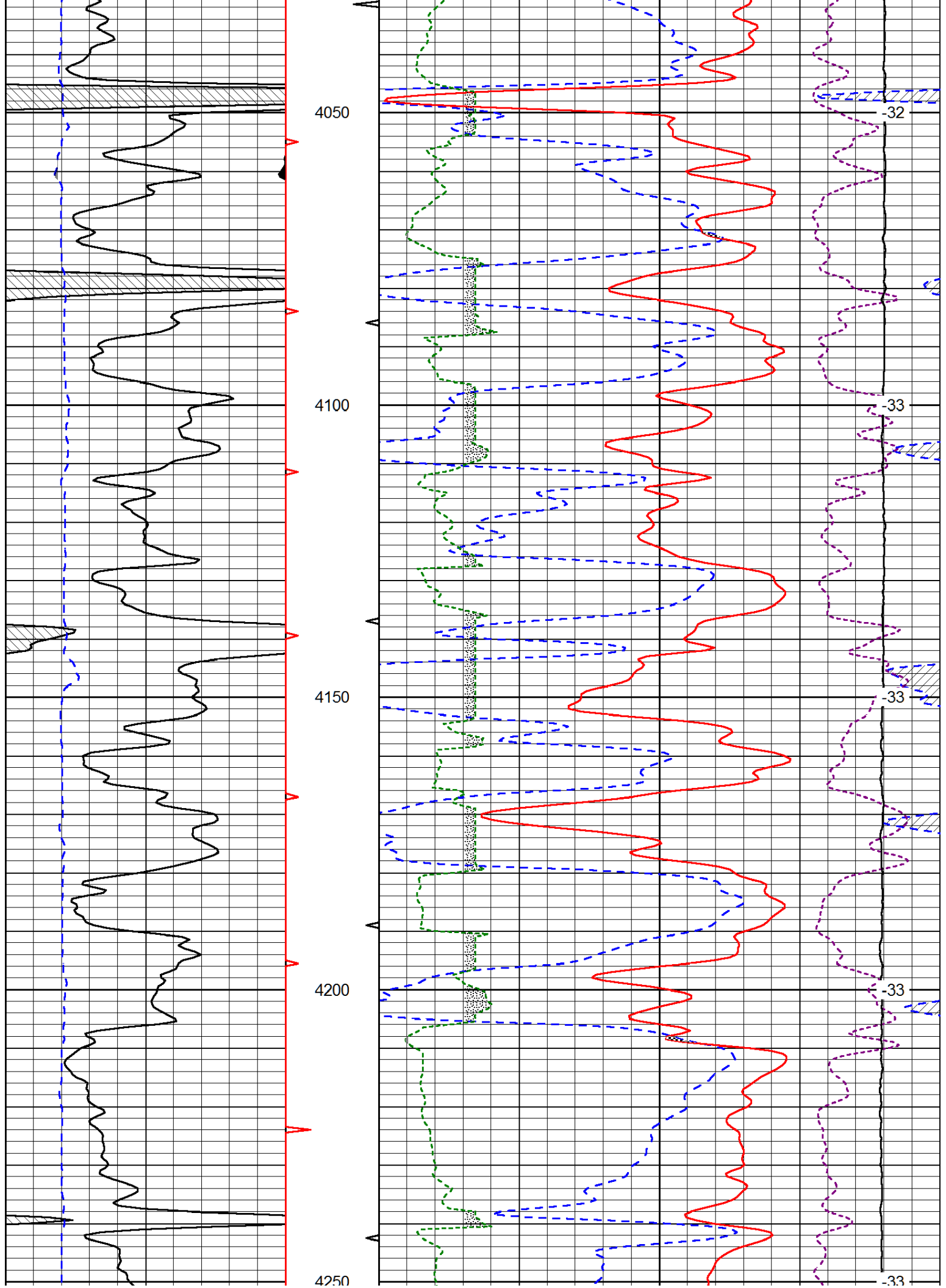


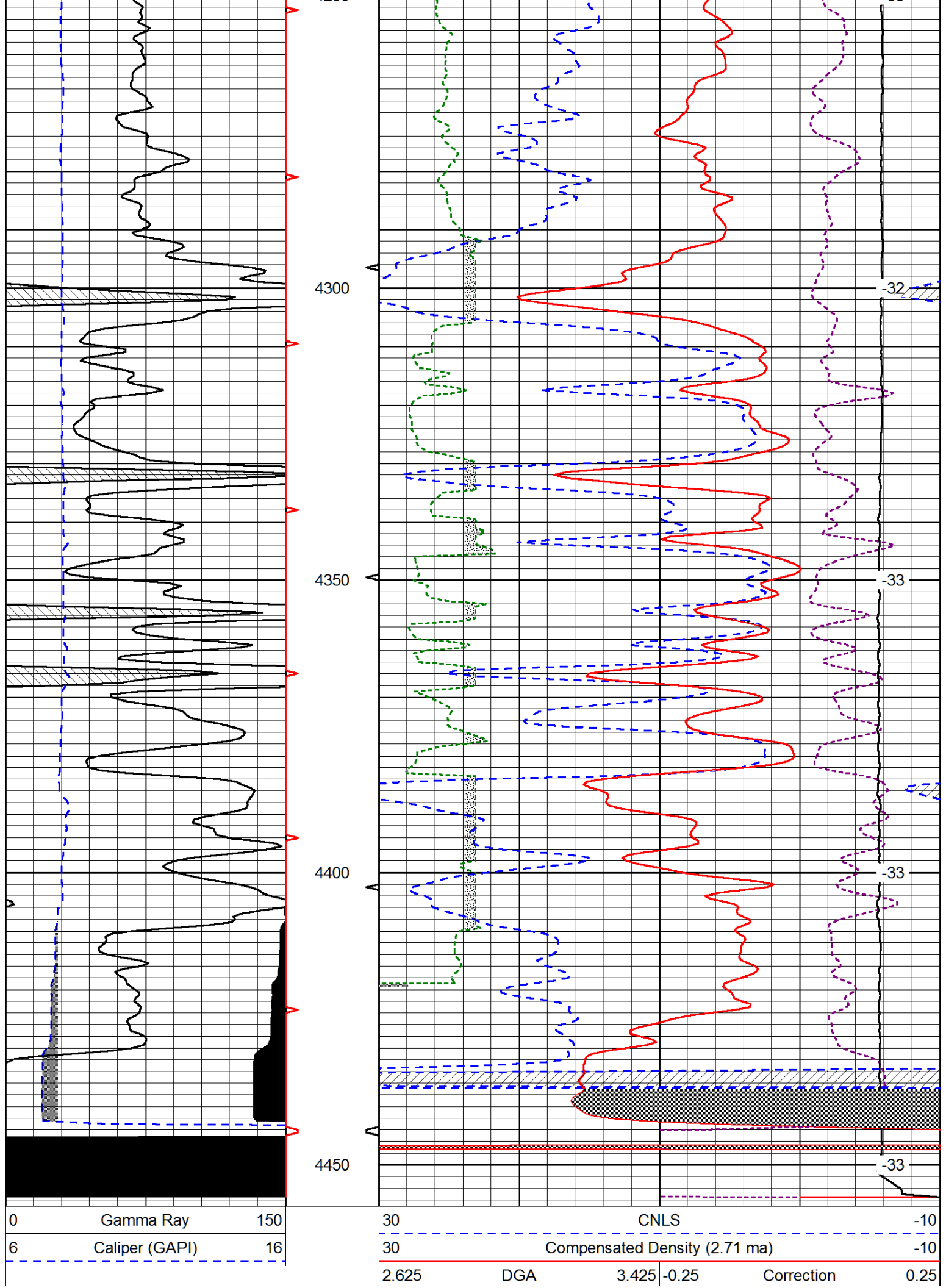
Database File: questa\_leighton\_1-35hd.db  
Dataset Pathname: DIL/qustck  
Presentation Format: cndlspec  
Dataset Creation: Mon Dec 15 17:29:35 2014  
Charted by: Depth in Feet scaled 1:240











|  |  |       |              |      |
|--|--|-------|--------------|------|
|  |  | 10000 | Line Tension | 0    |
|  |  |       |              | LSPD |
|  |  |       |              |      |