



## Dual Compensated Porosity Log

DIGITAL LOG (785) 625-3858

API No.

15-015-23,915-00-00

Company Range Oil Company, Inc.

Well Dow No. 1

Field Mellor East

County Butler

State Kansas

Location

330' FSL & 1,750' FEL

Other Services  
DIL

Sec: 7

Twp: 24S

Rge: 4E

Elevation

Permanent Datum

Ground Level

Elevation 1324

Log Measured From

Kelly Bushing

10 Ft. Above Perm. Datum

Drilling Measured From

Kelly Bushing

K.B. 1334  
D.F. 1324  
G.L. 1324

Date 9/7/2011

Run Number One

Type Log CNL / CDL

Depth Driller 2538

Depth Logger 2538

Bottom Logged Interval 2517

Top Logged Interval 1400

Type Fluid In Hole Chemical

Salinity, PPM CL 5600

Density 9.2

Level Full

Max. Rec. Temp. F 101

Operating Rig Time 2 1/2 Hours

Equipment -- Location 10 Hays

Recorded By J. Long

Witnessed By Roger Martin

John Washburn

Borehole Record

Casing Record

Run No

Bit

From

To

Size

Wgt.

23#

From

To

One 12.25

00

226

8.625

23#

00

226

Two 7.875

226

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

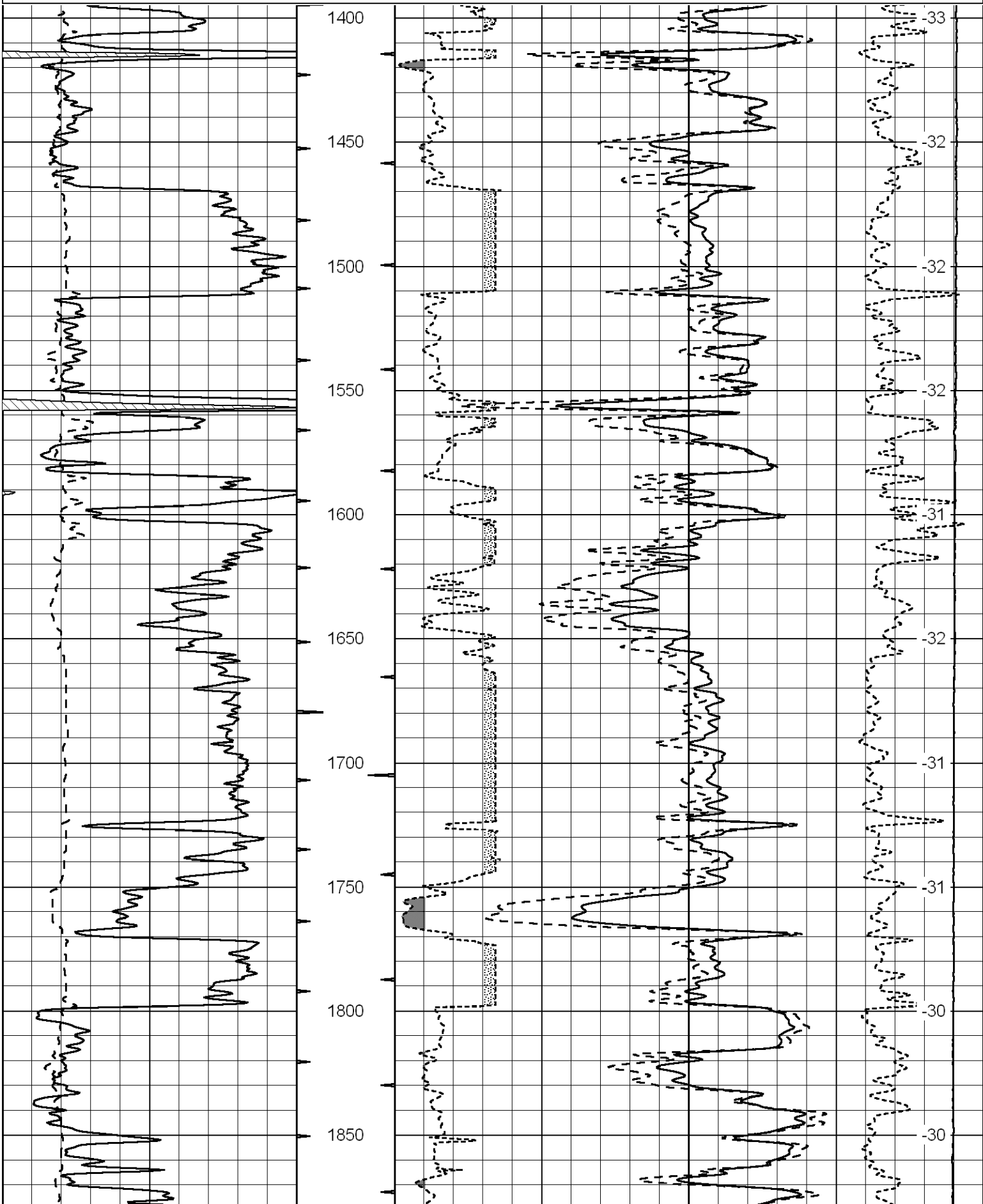
Thank you for using Log-Tech, Inc.  
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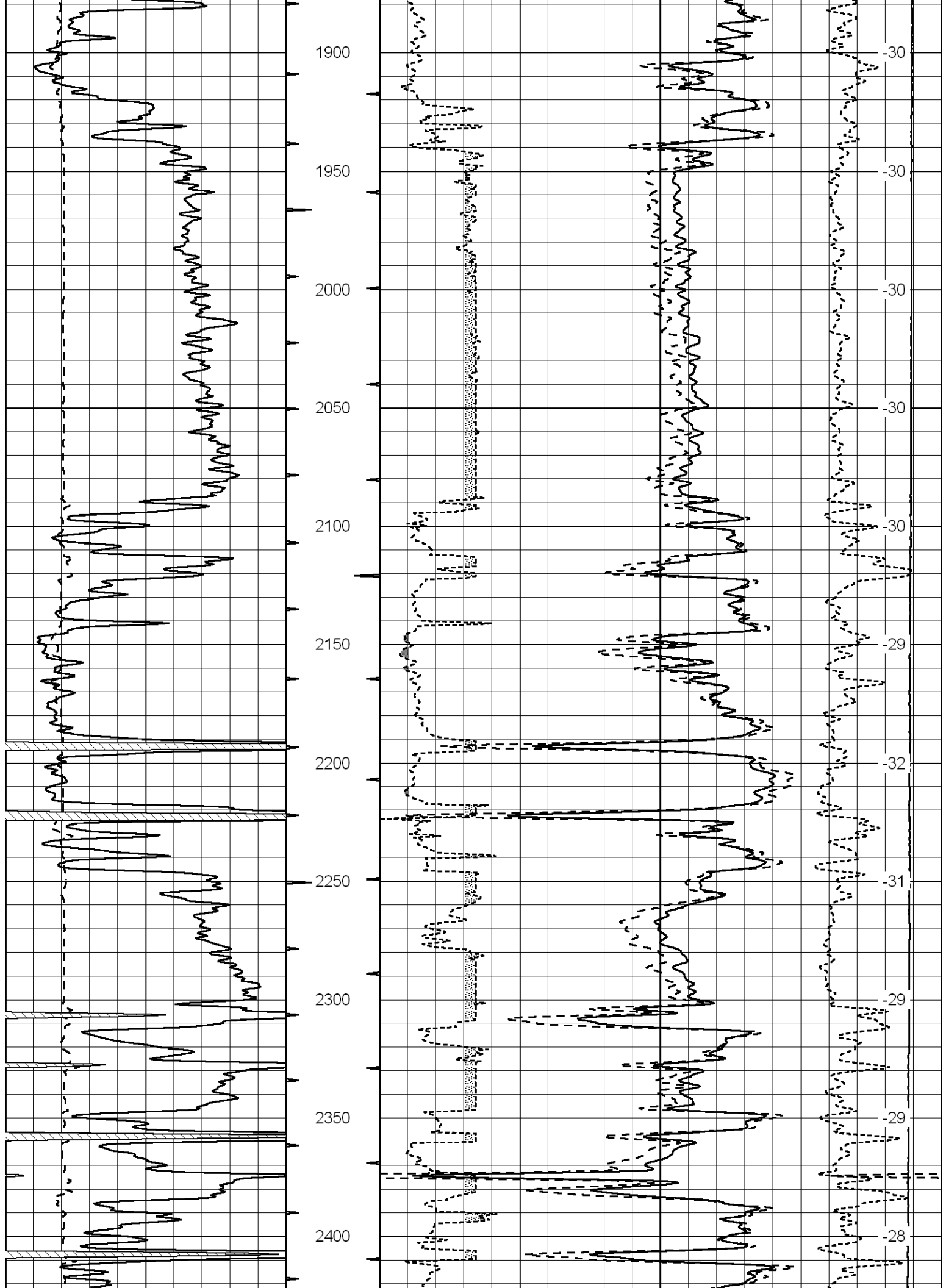
Potwin, 1 East to River Valley Road, 2 1/2 North to 100 Road, 1 1/4 West, North Into

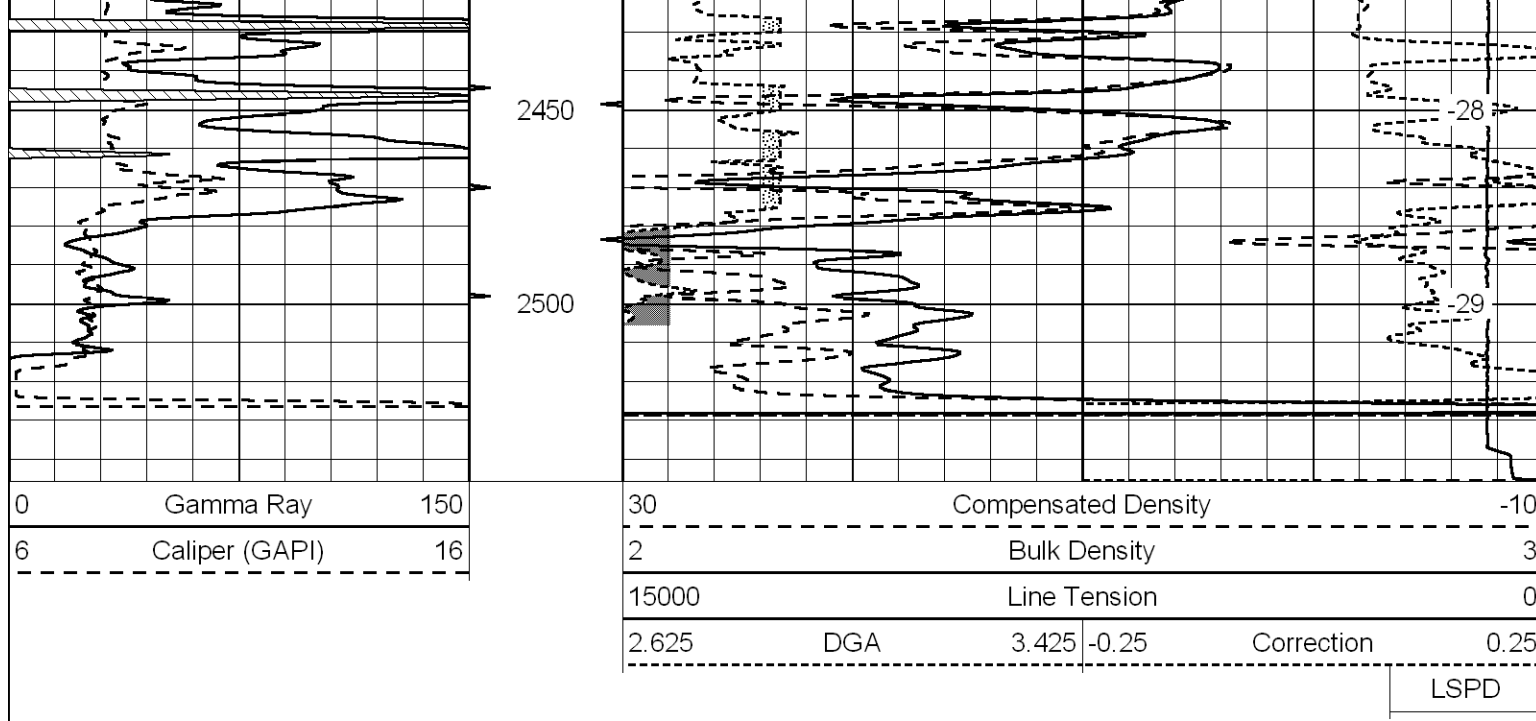
Database File: range\_dow\_1hd.db  
Dataset Pathname: dil/rangstck  
Presentation Format: cdl  
Dataset Creation: Wed Sep 07 18:32:50 2011  
Charted by: Depth in Feet scaled 1:600

|   |                |     |
|---|----------------|-----|
| 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 |







Database File: range\_dow\_1hd.db  
 Dataset Pathname: dil/rangstck  
 Presentation Format: cndlspec  
 Dataset Creation: Wed Sep 07 18:32:50 2011  
 Charted by: Depth in Feet scaled 1:240

