



Dual Compensated  
Porosity Log

DIGITAL LOG (785) 625-3858

API No. 15-065-23,610-00-00

Company D.H.P. Investments, LLC.  
Well Spencer No. 1  
Field Spencer  
County Graham State Kansas

Location 3393' FSL & 2206' FEL

Sec: 30 Twp: 7 S Rge: 25 W

Other Services  
DIL  
MEL/BHCS

Permanent Datum Ground Level Elevation 2532  
Log Measured From Kelly Bushing 8 Ft. Above Perm. Datum  
Drilling Measured From Kelly Bushing

K.B. 2540  
D.F. G.L. 2532

Date 1/26/2010

Run Number One

Type Log CNL / CDL

Depth Driller 4436

Depth Logger 4435

Bottom Logged Interval 4414

Top Logged Interval 3500

Type Fluid In Hole Chemical

Salinity, PPM CL 3,000

Density 9.1

Level Full

Max. Rec. Temp. F 122

Operating Rig Time 6 Hours

Equipment -- Location 4 Hays

Recorded By K. Bange

Witnessed By Randy Liak John Schneider

| Run No | Bit   | Borehole Record |      | Casing Record |     |
|--------|-------|-----------------|------|---------------|-----|
|        |       | From            | To   | From          | To  |
| 1      | 12.25 | 00              | 210  | 8.625         | 24# |
| 2      | 7.875 | 210             | 4436 |               |     |
|        |       |                 |      |               |     |
|        |       |                 |      |               |     |
|        |       |                 |      |               |     |
|        |       |                 |      |               |     |
|        |       |                 |      |               |     |
|        |       |                 |      |               |     |
|        |       |                 |      |               |     |

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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

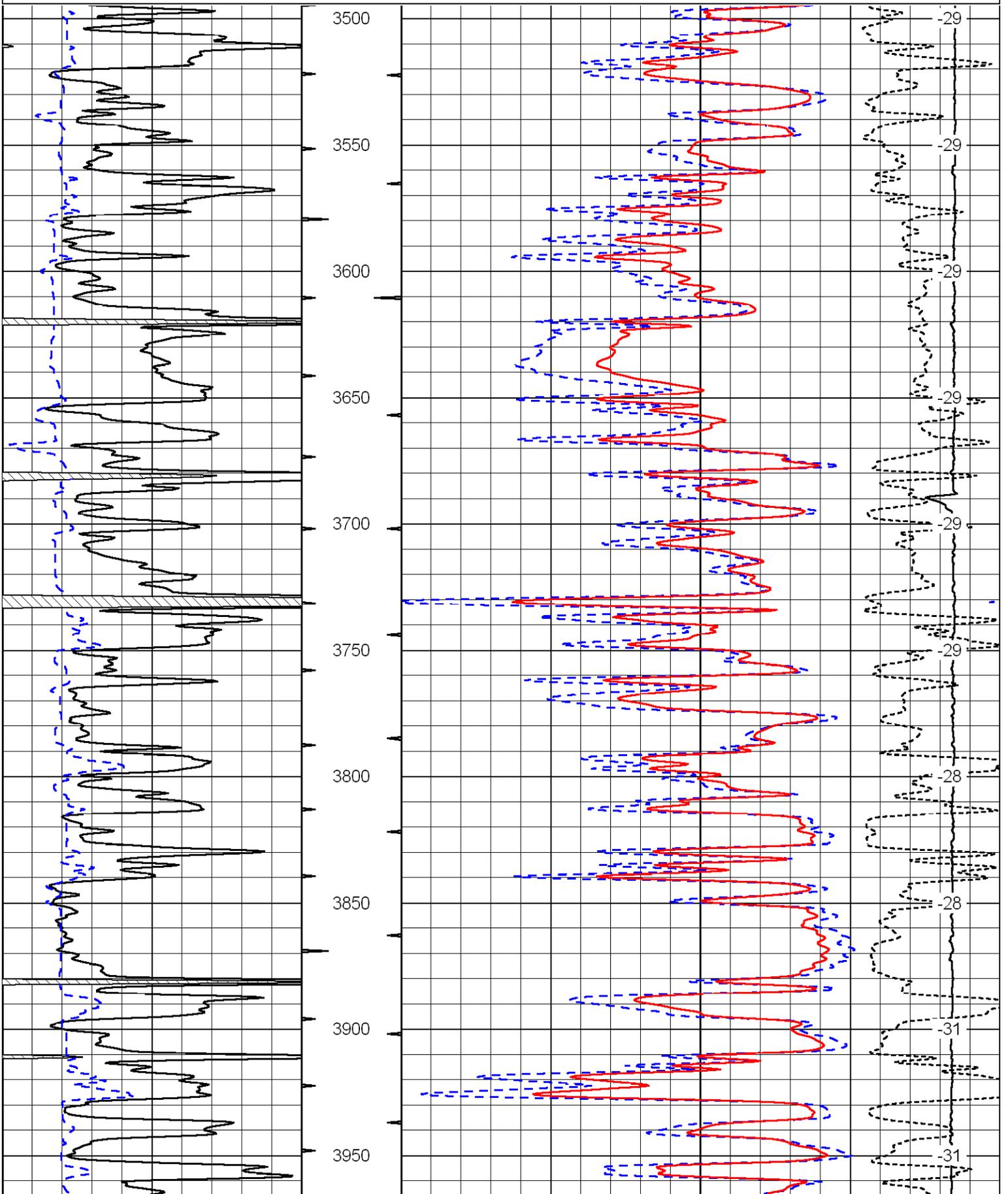
Thank you for using Log-Tech, Inc.  
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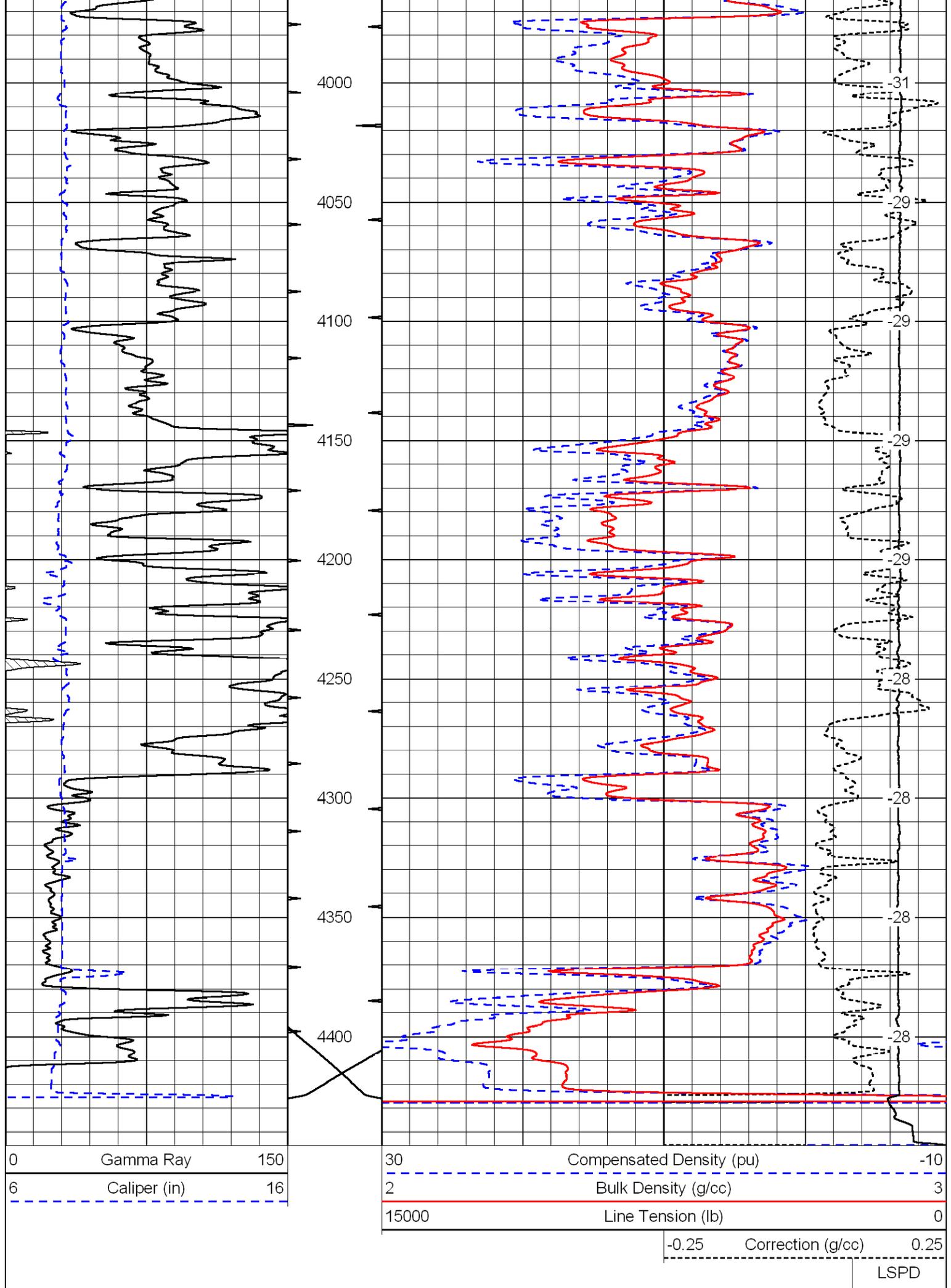
Studley, N 5 on 100th rd, 1/2 E on U rd, S 50', E 1/4, S into

Database File: c:\warrior\data\d h p investments\_spencer no. 1\dhphd.db  
 Dataset Pathname: dil/dhplog  
 Presentation Format: cdl  
 Dataset Creation: Wed Jan 27 11:36:47 2010  
 Charted by: Depth in Feet scaled 1:600

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

|       |                          |                  |
|-------|--------------------------|------------------|
| 30    | Compensated Density (pu) | -10              |
| 2     | Bulk Density (g/cc)      | 3                |
| 15000 | Line Tension (lb)        | 0                |
| -0.25 | Correction (g/cc)        | 0.25             |
|       |                          | LSPD<br>(ft/min) |





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

|       |                          |      |
|-------|--------------------------|------|
| 30    | Compensated Density (pu) | -10  |
| 2     | Bulk Density (g/cc)      | 3    |
| 15000 | Line Tension (lb)        | 0    |
| -0.25 | Correction (g/cc)        | 0.25 |

LSPD

Database File: c:\warrior\data\d h p investments\_spencer no. 1\dhphd.db  
 Dataset Pathname: dil/dhplog  
 Presentation Format: cndlspec  
 Dataset Creation: Wed Jan 27 11:36:47 2010  
 Charted by: Depth in Feet scaled 1:240

|   |              |     |       |                                      |          |
|---|--------------|-----|-------|--------------------------------------|----------|
| 0 | Gamma Ray    | 150 | 30    | Compensated Neutron (Limestone) (pu) | -10      |
| 6 | Caliper (in) | 16  | 30    | Compensated Density (2.71 ma) (pu)   | -10      |
|   |              |     | 15000 | Line Tension (lb)                    | 0        |
|   |              |     | -0.25 | Correction (g/cc)                    | 0.25     |
|   |              |     |       | LSPD                                 | (ft/min) |

