



## Dual Compensated Porosity Log

DIGITAL LOG (785) 625-3858

API No.

15-167-23,604-00-00

Company ESP Development, Inc.

Well O.C. Eulert #6

Field Eulert West

County Russell State Kansas

Location 2125' FNL & 2000' FEL

Sec: 34 Twp: 11 S Rge: 15 W

Other Services  
DIL  
MEL

Permanent Datum Ground Level Elevation 1721

Log Measured From Kelly Bushing 8 Ft. Above Perm. Datum

K.B. 1729  
D.F.  
G.L. 1721

Date 1/7/2010

Run Number One

Type Log CNL / CDL

Depth Driller 3275

Depth Logger 3276

Bottom Logged Interval 3255

Top Logged Interval 2500

Type Fluid In Hole Chemical

Salinity, PPM CL 5,000

Density 8.9

Level Full

Max. Rec. Temp. F 109

Operating Rig Time 3 Hours

Equipment -- Location 4 Hays

Recorded By T. Martin

Witnessed By Randall Kilian

Borehole Record

Casing Record

| Run No | Bit   | From | To   | Size  | Wgt. | From | To  |
|--------|-------|------|------|-------|------|------|-----|
| 1      | 12.25 | 00   | 430  | 8.625 | 24#  | 00   | 430 |
| 2      | 7.875 | 430  | 3275 |       |      |      |     |
|        |       |      |      |       |      |      |     |
|        |       |      |      |       |      |      |     |
|        |       |      |      |       |      |      |     |
|        |       |      |      |       |      |      |     |
|        |       |      |      |       |      |      |     |
|        |       |      |      |       |      |      |     |
|        |       |      |      |       |      |      |     |
|        |       |      |      |       |      |      |     |

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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

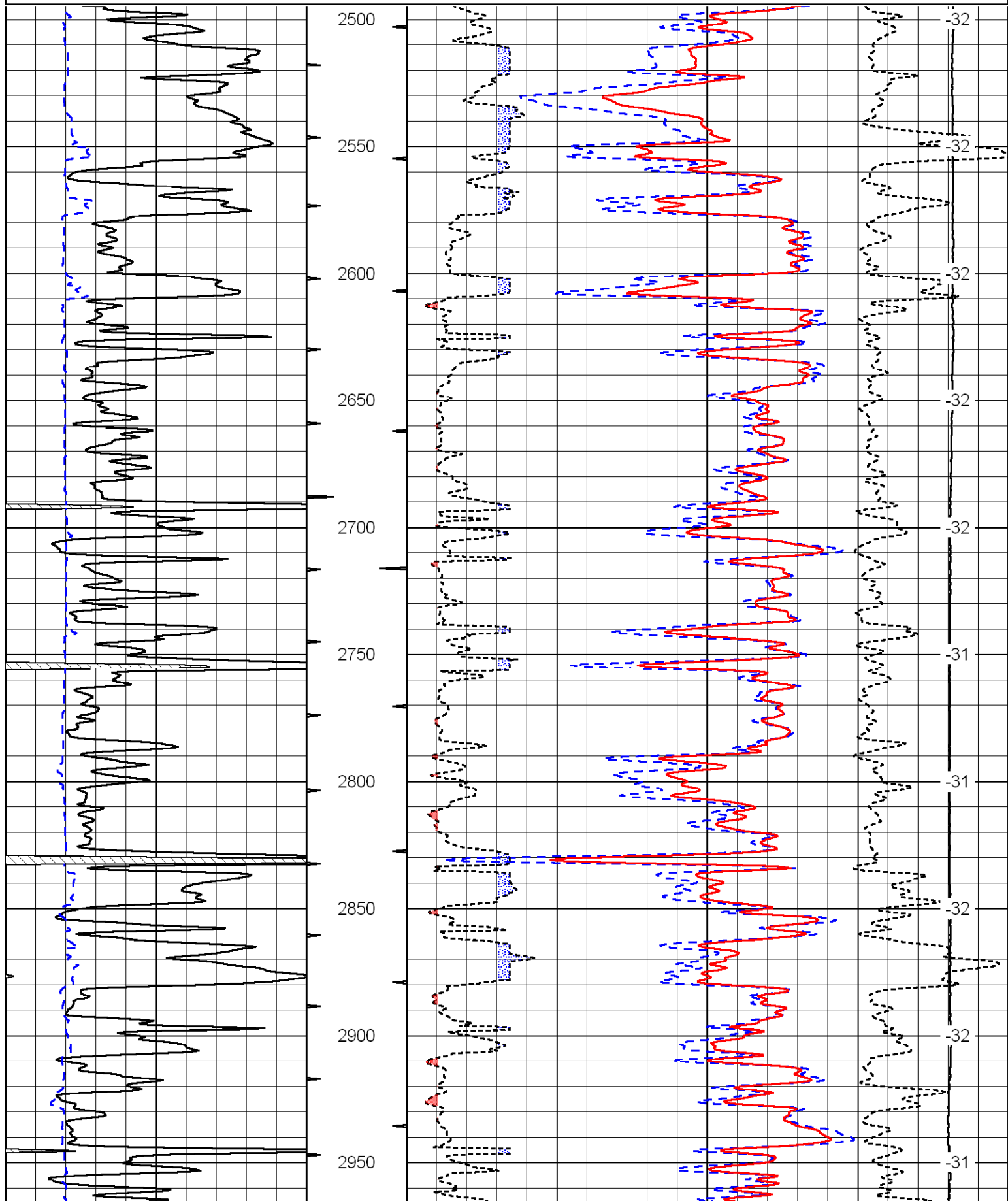
Thank you for using Log-Tech, Inc.  
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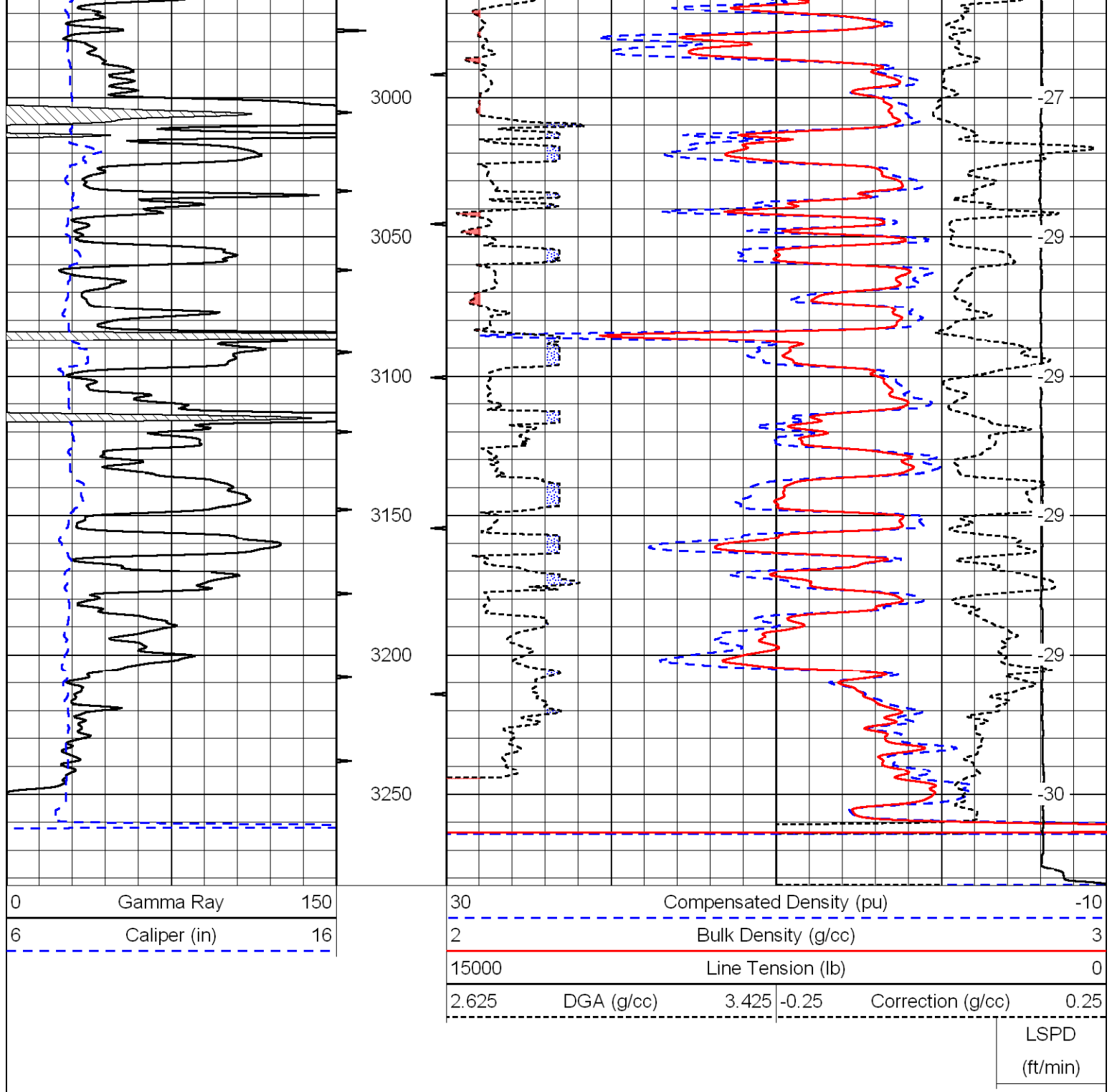
Gorham, 1 E to Blktp, N to Dam Rd, 1 E, 1/2 N, 2 E to Canyon Rd,  
1 1/2 N, 1/8 E, 3 N, W into at Cattle Guard 1 1/2

Database File: c:\warrior\data\esp\_o.c. eulert #6\esphd.db  
Dataset Pathname: dil/espstk  
Presentation Format: cdl  
Dataset Creation: Fri Jan 08 00:48:44 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                |
| 2.625 | DGA (g/cc)               | 3.425 | -0.25 | Correction (g/cc) | 0.25             |
|       |                          |       |       |                   | LSPD<br>(ft/min) |





Database File: c:\warrior\data\esp\_o.c. eulert #6\esphd.db  
 Dataset Pathname: dil/espstk  
 Presentation Format: cndlspec  
 Dataset Creation: Fri Jan 08 00:48:44 2010  
 Charted by: Depth in Feet scaled 1:240

