



# Dual Compensated Porosity Log

Pioneer Energy Services

API No.

15-173-21.020-00-00

Company Urban Oil & Gas Group, LLC

Well Lygrisse RKS No.82X

Field Greenwich

Sedgwick County State Kansas

Location

|         |          |         |
|---------|----------|---------|
| Sec: 15 | Twp: 26S | Rge: 2E |
|---------|----------|---------|

Elevation

|      |               |                       |
|------|---------------|-----------------------|
| um   | Ground Level  | Elevation 1379        |
| From | Kelly Bushing | 9 Ft Above Perm Datum |

1388 K.B.

|               |      |      |
|---------------|------|------|
|               | D.L. | 1379 |
| Kelly Bushing | G.L. |      |

|  |          |
|--|----------|
|  | 1/8/2013 |
|  | One      |

|  |           |
|--|-----------|
|  |           |
|  | CNL / CDI |
|  |           |

|      |  |
|------|--|
| 3361 |  |
| 3365 |  |

|          |      |
|----------|------|
| Interval | 3344 |
|          | 4000 |

|          |          |
|----------|----------|
| Interval | 1800     |
| Hole     | Chemical |

|     |       |
|-----|-------|
| MCL | 1,300 |
|     | 0.2   |

|      |  |
|------|--|
| 5.2  |  |
| Full |  |

|       |         |
|-------|---------|
| np. F | 110     |
| Time  | 3 Hours |

|          |           |   |
|----------|-----------|---|
| Time     | 3:10 a.m. |   |
| Location | 17        | H |

|  |               |
|--|---------------|
|  | C. Desaire    |
|  | Scott Ellings |

|                 |  |
|-----------------|--|
| Core Logging    |  |
| Borehole Record |  |

| From | To  |
|------|-----|
| 00   | 201 |

|     |      |
|-----|------|
| 201 | 3767 |
|-----|------|

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

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[illegible]

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

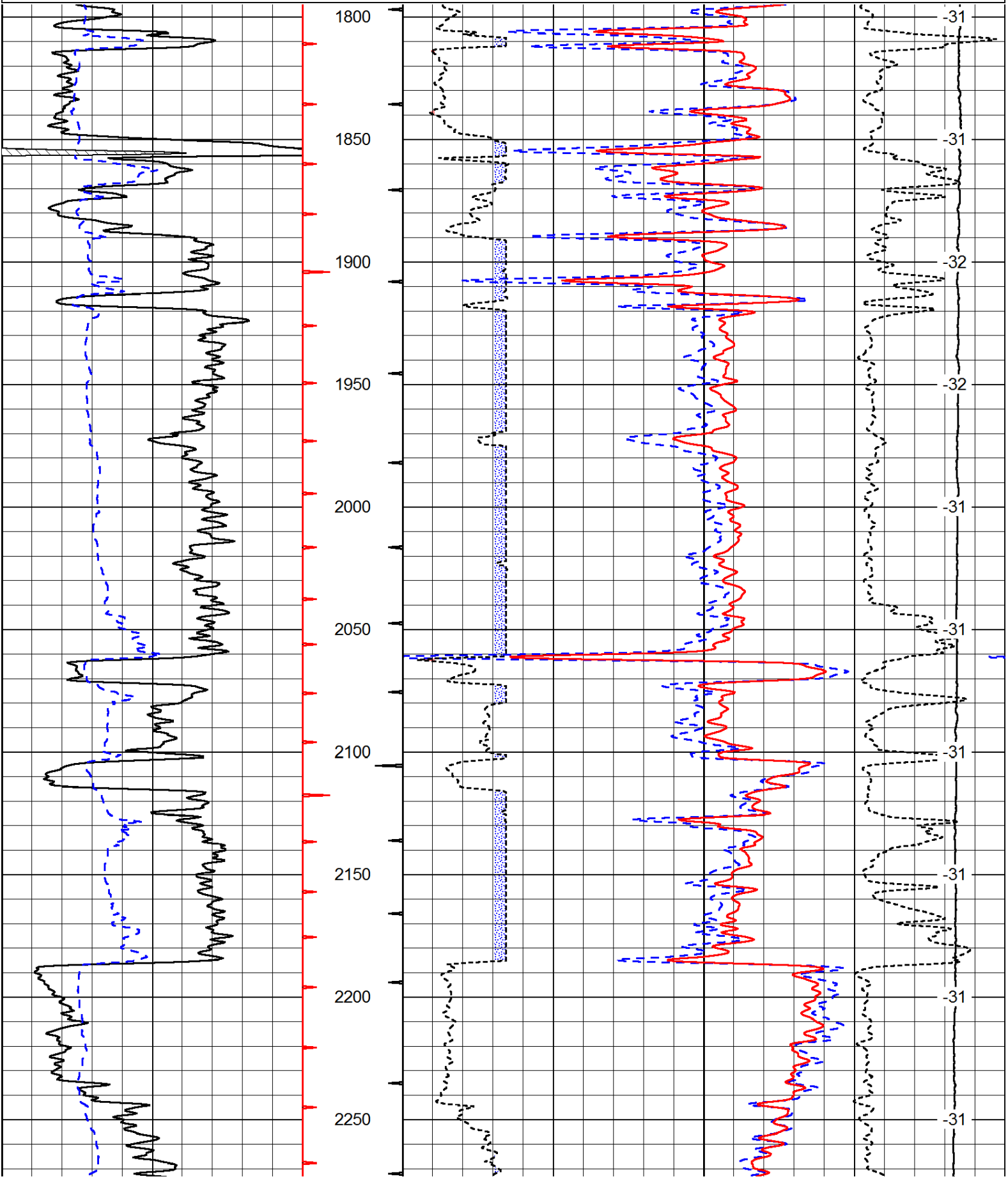
Thank you for using Pioneer Energy Services  
www.pioneerres.com  
785 625 3858

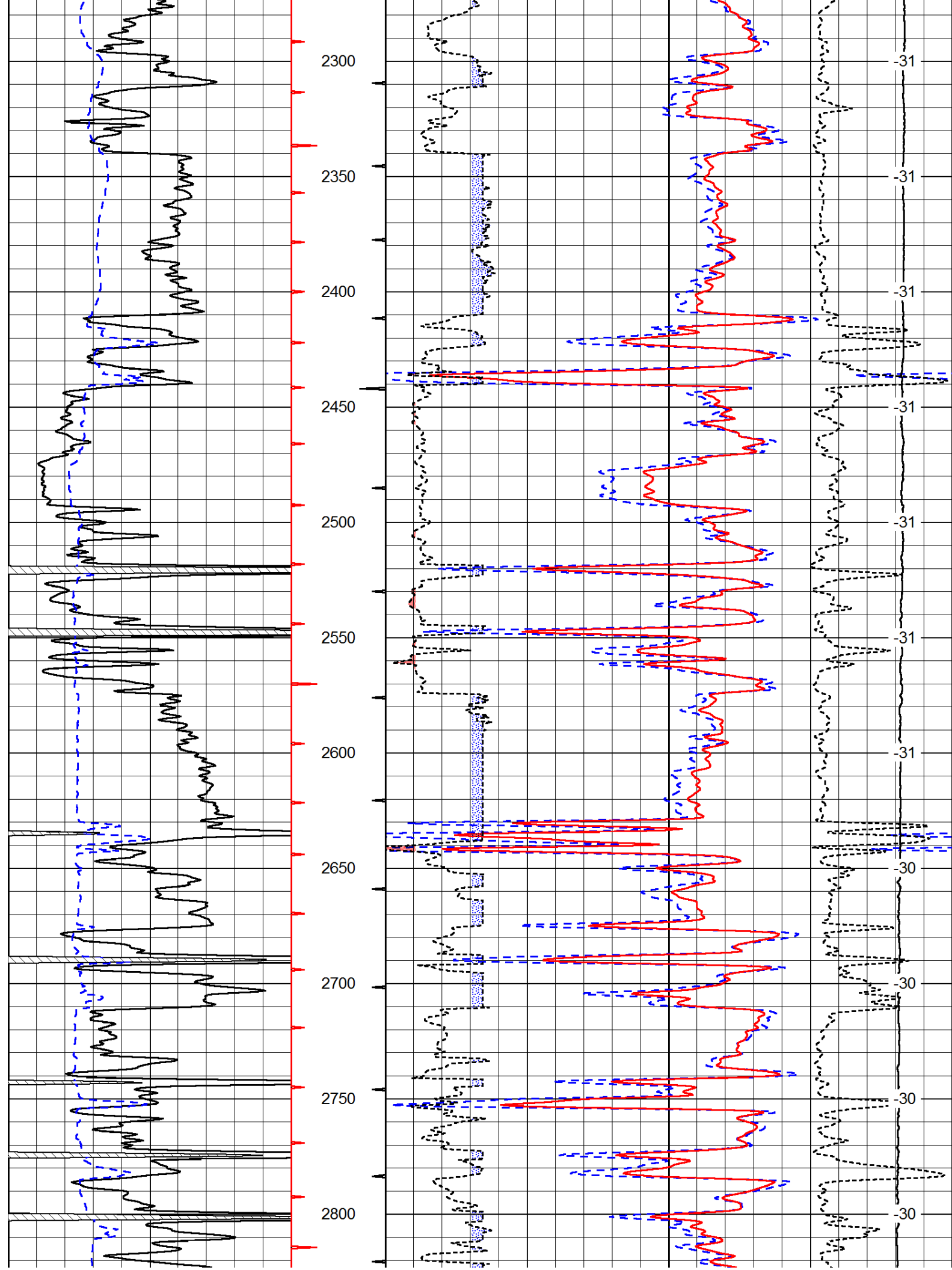
Park City KS, 61st St and I-135, 8 E, 1/4 S, W Into

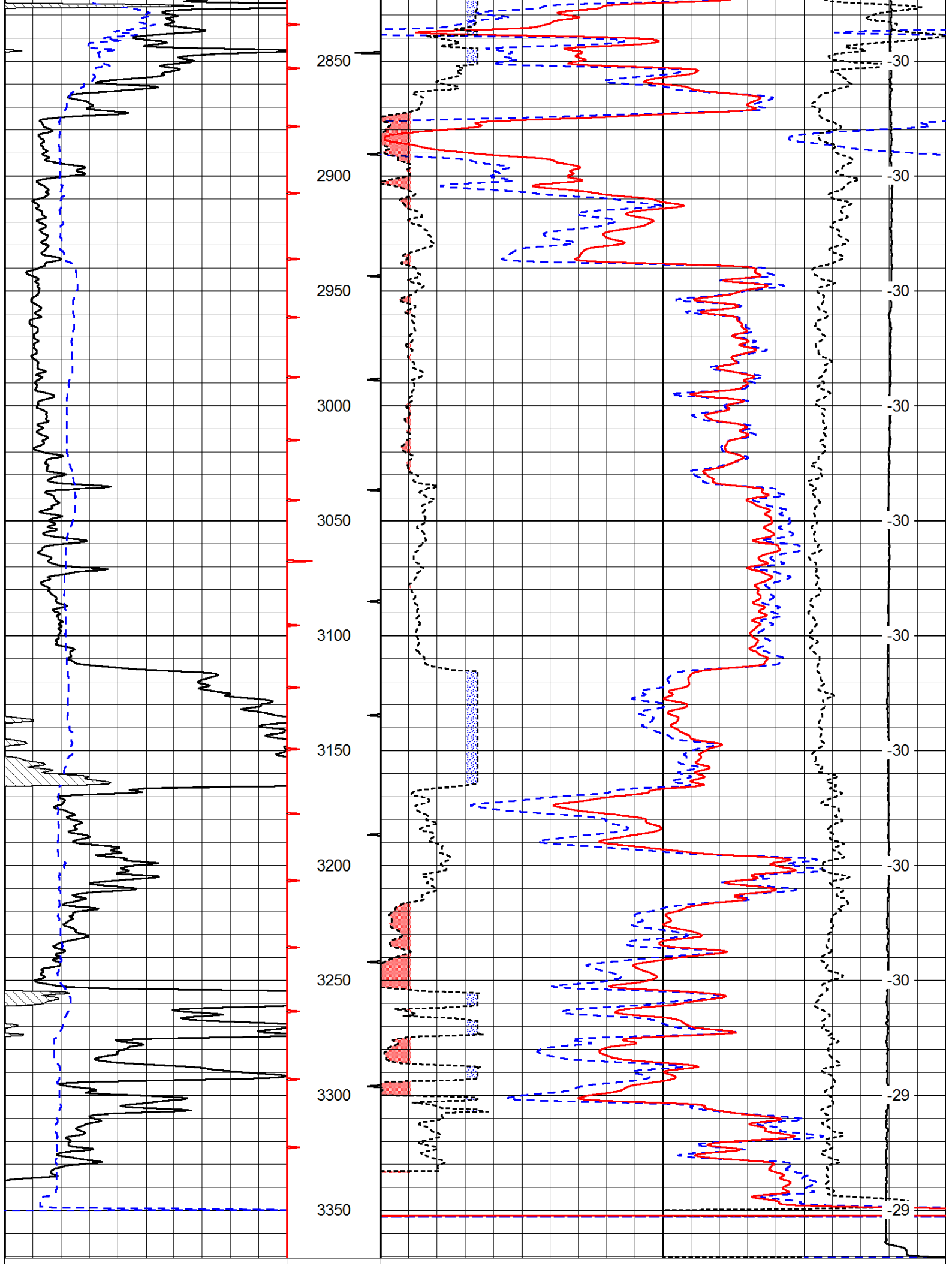
```
Database File:      c:\warrior\data\urban_lygrisse rksn #82x\urbanhd2.db
Dataset Pathname:  dil\urbstk
Presentation Format: cdl
Dataset Creation:   Tue Jan 08 18:31:47 2013
Charted by:        Depth in Feet scaled 1:600
```

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







|   |                |     |
|---|----------------|-----|
| 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:       | c:\warrior\data\urban_lygrisse rksn #82x\urbanhd2.db |  |  |
| Dataset Pathname:    | dil/urbstk                                           |  |  |
| Presentation Format: | cndlspec                                             |  |  |
| Dataset Creation:    | Tue Jan 08 18:31:47 2013                             |  |  |
| Charted by:          | Depth in Feet scaled 1:240                           |  |  |

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

|       |                                 |       |       |            |      |
|-------|---------------------------------|-------|-------|------------|------|
| 30    | Compensated Neutron (Limestone) |       |       |            | -10  |
| 30    | Compensated Density (Limestone) |       |       |            | -10  |
| 2.625 | DGA                             | 3.425 | -0.25 | Correction | 0.25 |
| 15000 | Line Tension                    |       |       |            | 0    |
|       |                                 |       |       |            | LSPD |

