



# Dual Compensated Porosity Log

Pioneer Energy Services

API No.

15-155-21,683-00-00

Company **Novy Oil & Gas, Inc.**

Well Howard #1

Field Zenith-Peace Creek

County Reno State Kansas

Location

|         |          |          |
|---------|----------|----------|
| Sec: 15 | Twp: 23S | Rge: 10W |
|---------|----------|----------|

5 T

Rge: 10W

Elevation

|              |                |
|--------------|----------------|
| Ground Level | Elevation 1775 |
|--------------|----------------|

From Kelly Bushing

G.L. 1773

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|  | 3/4/2014 |
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| Interval |  |
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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>             1. <b>Introduction</b><br/>             2. <b>Background</b><br/>             3. <b>Methodology</b><br/>             4. <b>Results</b><br/>             5. <b>Conclusion</b> </p> | <p>             1. <b>Introduction</b><br/>             2. <b>Background</b><br/>             3. <b>Methodology</b><br/>             4. <b>Results</b><br/>             5. <b>Conclusion</b> </p> |
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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.

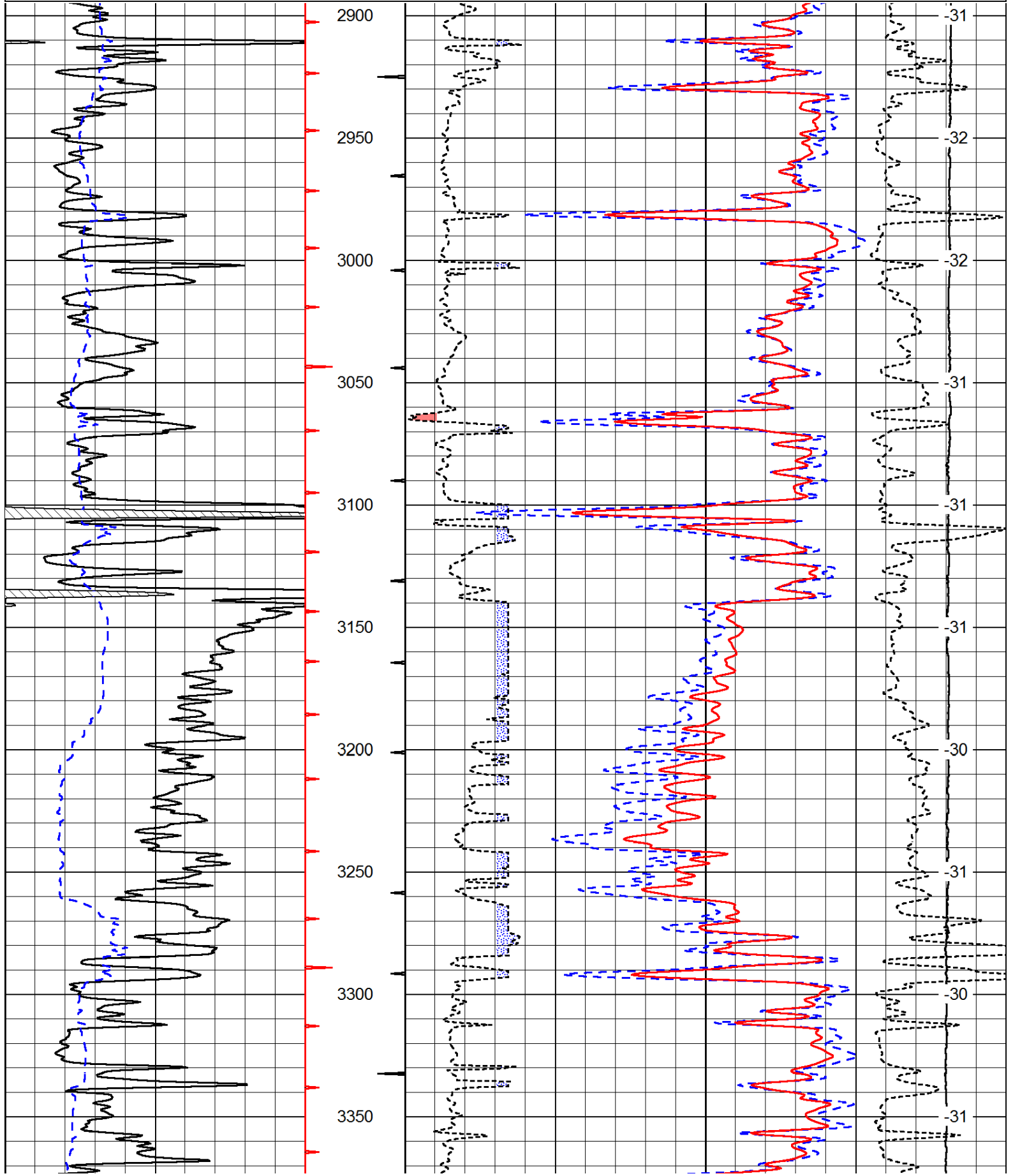
## Comments

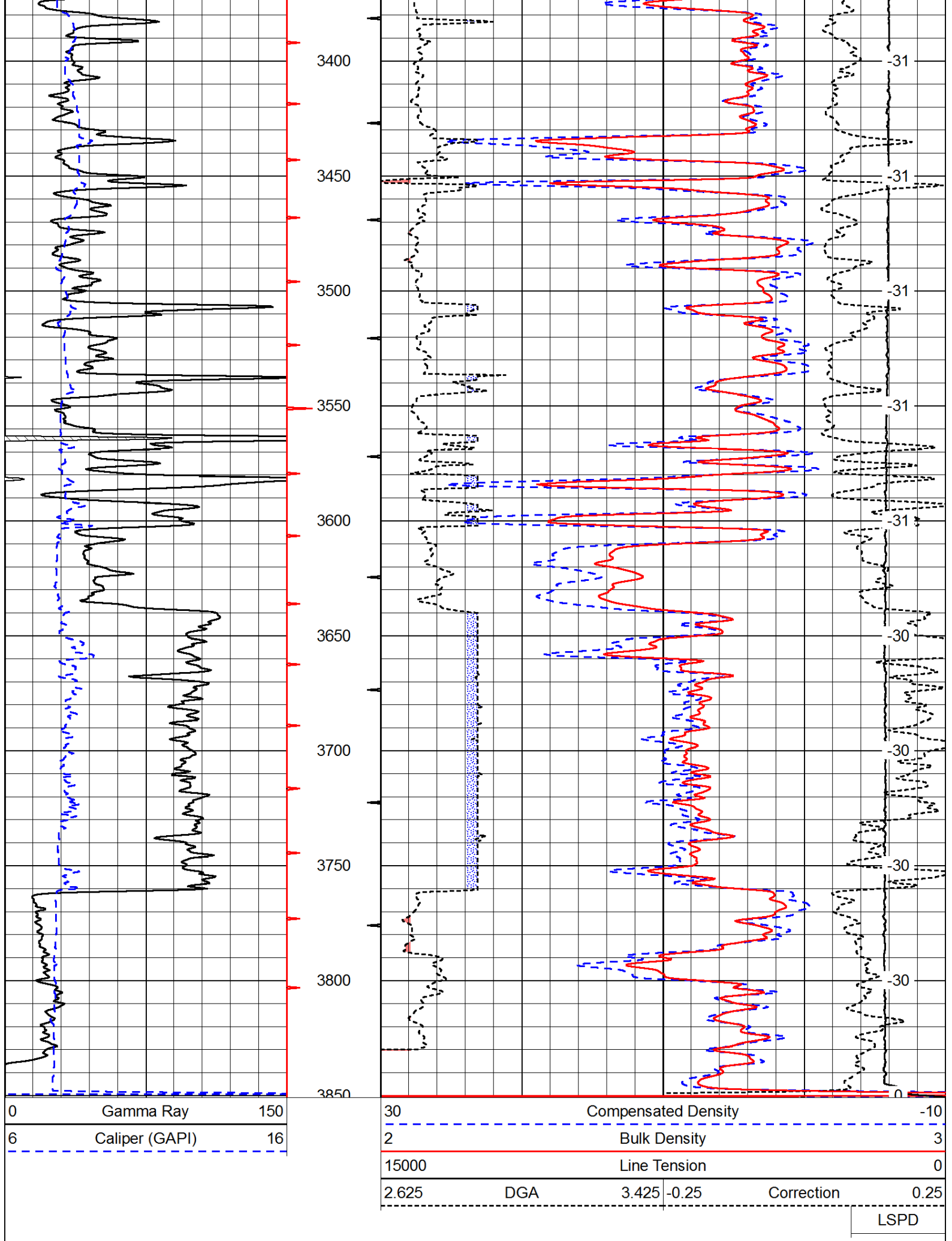
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www.pioneerres.com  
785 625 3858

Stafford KS, E to Netherlands Rd,  
N to 4th St, 1 W, 1/2 S, E Into

Database File: c:\warrior\data\novy\_howard #1\novyhd.db  
Dataset Pathname: dii\novystk  
Presentation Format: cdl  
Dataset Creation: Tue Mar 04 05:18:09 2014  
Charted by: Depth in Feet scaled 1:600

|                                        |                |     |       |                     |       |
|----------------------------------------|----------------|-----|-------|---------------------|-------|
| Charted by: Depth in Feet scaled 1:600 |                |     |       |                     |       |
| 0                                      | Gamma Ray      | 150 | 30    | Compensated Density | -10   |
| 6                                      | Caliper (GAPI) | 16  | 2     | Bulk Density        | 3     |
|                                        |                |     | 15000 | Line Tension        | 0     |
|                                        |                |     | 2.625 | DGA                 | 3.425 |
|                                        |                |     | -0.25 | Correction          | 0.25  |
|                                        |                |     | LSPD  |                     |       |





Database File: c:\warrior\data\novy\_howard #1\novyhd.db  
Dataset Pathname: dil/novystk  
Presentation Format: cndlspec  
Dataset Creation: Tue Mar 04 05:18:09 2014  
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

