



## Pioneer Energy Services

# Dual Compensated Porosity Log

|                        |                                                                |      |      |       |               |                                                |     |  |  |  |  |  |  |  |
|------------------------|----------------------------------------------------------------|------|------|-------|---------------|------------------------------------------------|-----|--|--|--|--|--|--|--|
| API No.                | Company<br>Novy Oil & Gas, Inc.                                |      |      |       |               |                                                |     |  |  |  |  |  |  |  |
|                        | Well<br>Brown No. 2                                            |      |      |       |               |                                                |     |  |  |  |  |  |  |  |
|                        | Field<br>Wildcat                                               |      |      |       |               |                                                |     |  |  |  |  |  |  |  |
|                        | County<br>Kingman                                              |      |      |       |               |                                                |     |  |  |  |  |  |  |  |
|                        | State<br>Kansas                                                |      |      |       |               |                                                |     |  |  |  |  |  |  |  |
| 15-095-22,263-00-00    | Location<br>NE NW NW<br>330' FNL & 990' FWL                    |      |      |       |               | Other Services<br>DIL<br>MEL                   |     |  |  |  |  |  |  |  |
|                        | Sec: 10      Twp: 29 S      Rge: 6 W                           |      |      |       |               | Elevation<br>K.B. 1542<br>D.F. 1533            |     |  |  |  |  |  |  |  |
|                        | Permanent Datum<br>Log Measured From<br>Drilling Measured From |      |      |       |               | Ground Level<br>Kelly Bushing<br>Kelly Bushing |     |  |  |  |  |  |  |  |
| Date                   |                                                                |      |      |       | 9/8/2012      |                                                |     |  |  |  |  |  |  |  |
| Run Number             |                                                                |      |      |       | One           |                                                |     |  |  |  |  |  |  |  |
| Type Log               |                                                                |      |      |       | CNL / CDL     |                                                |     |  |  |  |  |  |  |  |
| Depth Driller          |                                                                |      |      |       | 4500          |                                                |     |  |  |  |  |  |  |  |
| Depth Logger           |                                                                |      |      |       | 4502          |                                                |     |  |  |  |  |  |  |  |
| Bottom Logged Interval |                                                                |      |      |       | 4481          |                                                |     |  |  |  |  |  |  |  |
| Top Logged Interval    |                                                                |      |      |       | 2900          |                                                |     |  |  |  |  |  |  |  |
| Type Fluid In Hole     |                                                                |      |      |       | Chemical      |                                                |     |  |  |  |  |  |  |  |
| Salinity, PPM CL       |                                                                |      |      |       | 5000          |                                                |     |  |  |  |  |  |  |  |
| Density                |                                                                |      |      |       | 9.4           |                                                |     |  |  |  |  |  |  |  |
| Level                  |                                                                |      |      |       | Full          |                                                |     |  |  |  |  |  |  |  |
| Max. Rec. Temp. F      |                                                                |      |      |       | 121           |                                                |     |  |  |  |  |  |  |  |
| Operating Rig Time     |                                                                |      |      |       | 4 1/2 Hours   |                                                |     |  |  |  |  |  |  |  |
| Equipment -- Location  |                                                                |      |      |       | 108      Hays |                                                |     |  |  |  |  |  |  |  |
| Recorded By            |                                                                |      |      |       | D.Kerr        |                                                |     |  |  |  |  |  |  |  |
| Witnessed By           |                                                                |      |      |       | David Goldak  |                                                |     |  |  |  |  |  |  |  |
| Borehole Record        |                                                                |      |      |       | Casing Record |                                                |     |  |  |  |  |  |  |  |
| Run No.                | Bit                                                            | From | To   | Size  | Wgt.          | From                                           | To  |  |  |  |  |  |  |  |
| 1                      | 12.25                                                          | 00   | 265  | 8.625 | 24#           | 00                                             | 265 |  |  |  |  |  |  |  |
| 2                      | 7.875                                                          | 265  | 4500 |       |               |                                                |     |  |  |  |  |  |  |  |
|                        |                                                                |      |      |       |               |                                                |     |  |  |  |  |  |  |  |
|                        |                                                                |      |      |       |               |                                                |     |  |  |  |  |  |  |  |
|                        |                                                                |      |      |       |               |                                                |     |  |  |  |  |  |  |  |
|                        |                                                                |      |      |       |               |                                                |     |  |  |  |  |  |  |  |

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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 Pioneer Energy Services  
www.pioneerres.com  
785 625 3858

Kingman KS, 7 South, 6 1/8 East,  
South Into

Database File: c:\warrior\data\novy\_brown no. 2\novy\_brown\_2hd.db  
Dataset Pathname: DIL\novystk  
Presentation Format: cdl  
Dataset Creation: Sat Sep 08 02:34:52 2012  
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  |                     |       |





















