



Pioneer Energy Services

Dual Compensated Porosity Log

15-095-22268-00-00

API No. 15-095-22268-00-00

Company **Wildcat Oil & Gas, LLC**
 Well **Aldrich # 4**
 Field **Spivey-Grabs-Basil**
 County **Kingman** State **Kansas**

Location **2235' FSL & 1698' FEL**

Sec: **25** Twp: **30 S** Rge: **8 W**

Permanent Datum **Ground Level** Elevation **1552**
 Log Measured From **Kelly Bushing** 10 Ft. Above Perm. Datum
 Drilling Measured From **Kelly Bushing**

Other Services
DIL

Elevation
 K.B. 1562
 D.F. 1552
 G.L. 1552

| | | |
|------------------------|------------|--|
| Date | 2/06/2013 | |
| Run Number | Two | |
| Type Log | CNL / CDL | |
| Depth Driller | 4450 | |
| Depth Logger | 4427 | |
| Bottom Logged Interval | 4425 | |
| Top Logged Interval | 3200 | |
| Type Fluid In Hole | Chemical | |
| Salinity, PPM CL | 4000 | |
| Density Level | 9.4 | |
| Level | Full | |
| Max. Rec. Temp. F | 123 | |
| Operating Rig Time | 3 Hours | |
| Equipment -- Location | 91 Hays | |
| Recorded By | D. Schmidt | |
| Witnessed By | Tim Pierce | |

| Borehole Record | | | | Casing Record | | | |
|-----------------|-------|------|------|---------------|------|------|-----|
| Run No. | Bit | From | To | Size | Wgt. | From | To |
| 1 | 12.25 | 00 | 221 | 8.625 | 24# | 00 | 221 |
| 2 | 7.875 | 221 | 4450 | | | | |
| | | | | | | | |
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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.pioneer.com
 785 625 3858
 Rago,
 South to 170th, 3 West, 1/2 North
 West into

Database File: c:\warrior\data\wildcat_aldrich # 4\wildcat0206hd2.db
 Dataset Pathname: dil/wcstack2
 Presentation Format: cdl
 Dataset Creation: Wed Feb 06 13:31:38 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 |
| -0.25 | Correction | 0.25 |
| LSPD | | |















