Busenitz 13-14-12-14 H

As Drilled Wellbore Diagram - NOT TO SCALE

Updated: 3/19/2014
Location: Section 13 Township 25S Range 3E, Butler County, Kansas
Field: Matrix Re-Loaded
API Number: 15-015-23993-01-00
Target Zone: Mississippian Line
SPUD Date: 10/16/2013 @ 0600 hrs
Mississippian 8290’ / 2709’ MD/TVD

**Surface Section**
- Hole: 13-1/2"
- Depth: 314’ MD
- Casing: 9-5/8” 36# J-55, ST&C
- Cement Top: Surface
- Cement: (210 Sks) of Class A at 14.7#
- Mud Weight: 8.4 ppg

**Intermediate Section**
- Hole: 8-3/4"
- Depth: 3259’ MD / TVD
- Casing: 7” 23# & 26#, N-80 LT&C - Set @ 3195’ MD
- Cement Top: 1759’ MD (Estimated)
- Cement: 130 Sks of Class A at 14.7 ppg, Yield = 1.47 + Additives.
- Mud Weight: 8.4 – 9.2 ppg

**Directional Section**
- KOP: 2054’ MD
- Build @ 9 deg/100’ to a 90.0 degree inclination at 3259’ MD
- Set casing @ 3195’ and maintain 90 degrees to TD @ 8290’ MD.

**Production Section**
- Hole: 6-1/8"
- Depth: 8280’ MD / 2682’ TVD
- Casing: Open Hole
- Cement: Open Hole
- Mud Weight: 8.4 ppg

**Stimulation Details**

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- EOC 7” Set @ 3195’ MD
- TD Open Hole @ 8280’ MD

**Elevations**
- GL: 1280
- KB: 1300

**Remarks**
- 3/19/2014: Detailed information on the well construction sequence.