Goering 10-14-10-11H
As Drilled Wellbore Diagram - NOT TO SCALE

Updated: 5/21/2014
Location: Section 10 Township 25S Range 3E, Butler County, Kansas

Field: Edgecomb
API Number: 15-015-22988-01-00
Target Zone: Mississippian Lime
SPUD Date: #

Elevations:
- GL 1361
- KB 1374.6
- KB 13.6

Target Zone:
- Mississippian Lime

Surface Section
- Hole: 12-1/4"
- Depth: 315' MD
- Casing: 9-5/8" 36# J-55, ST&C
- Cement Top: Surface
- Cement: 31.5 bbls (130 sks) of Type A at 15.0#
- Mud Weight: 8.4 ppg

Intermediate Section
- Hole: 8-3/4"
- Depth: 3522' MD/ TVD
- Casing: 7" 26# N-80 LT&C
- Cement Top: 2000' MD (Estimated)
- Cement: 34 bbls (130 sks) of Class A at 14.5 ppg, Yield = 1.47 + Additives.
  Tail 19 bbls (75 sks) of Class A at 15.3 ppg, Yield = 1.41
- Mud Weight: 8.4 - 9.2 ppg

Directional Section
- KOP: 2220' MD
- Build @ 9 deg/100' to a 90.0 degree inclination at 3644' MD
- Short Set casing @ 3522' and maintain 90 degrees to TD @ 6894' MD.

Production Section
- Hole: 6-1/8"
- Depth: 7053 MD/ 2776' TVD
- Casing: 4-1/2, 11.6#, N-80
- Cement: N/A - Baker Frac Point System
- Mud Weight: 8.4 ppg

Top of Cmt
TOL @: 2963'
Top Frac Port: 3626' MD
EDC 7" Set @ 3522' MD
TD Open Hole @ 7053' MD
Btm Frac Port: 6946' MD