



## SURFACE CASING TOP OFFS ON D36 PAD

### Cement Information

TYPE 1-11 ( Class A ) with ASTM C-33 Fine Aggregate

Weight : 18.5 #/gal. – Yield: 1.0 ft<sup>3</sup>

Minimum 28 Day Compressive Strength: 4000 psi

Date Cement Job was completed: September 26, 2012

**Well Name: SGU 8504D-36 D36 - API No.: 0504520914000 - COGCC Doc No.: 400181132**

The 1.9" tubing was run down the annular space between the 9 5/8" casing and conductor casing to a depth of 100'. A total of 31.5 bbls. of 18.5 #/gal cement was pumped to surface. The annular volume was calculated at 26.4 bbls. After two hours, the top of cement did not drop and remained at the top of the conductor casing.

**Well Name: SGU 8502D-35 D36 - API No.: 05045209170000 – COGCC Doc No.: 400180894**

The 1.9" tubing was run down the annular space between the 9 5/8" casing and the conductor casing to a depth of 225'. A total of 52.5 bbls. of 18.5 #/gal cement was pumped to surface. The annular volume was calculated at 46.7 bbls. After two hours, the top of cement did not drop and remained at the top of the conductor casing.

**Well Name: SGU 8504C-36 D36 – API No.: 05045206240000 – COGCC Doc No.: 400181090**

The 1.9" tubing was run down the annular space between the 9 5/8" casing and the conductor casing to a depth of 360'. A total of 72.0 bbls. of 18.5 #/gal cement was pumped to surface. The annular volume was calculated at 65.8 bbls. After two hours, the top of cement did not drop and remained at the top of the conductor casing