

Well Name: Knight Gas Unit D 4

API #:

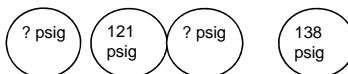
05-067-09584-00

Location: NE/4, SEC. 20, T34N, R7W La Plata County, Colorado

Elevation: GL 6751', KB 6767'

Date: 20-Aug-2013

Spud Date: Jan-2009



8.625", 28 #/ft, J-55 Casing

TOC = surface (circ 23 bbl cement, Jan-09)
behind 8.625" casing

Casing set at 438'

This is a directional well, please refer to the directional
surveys for deviated aspects of the well. Measured
depths are shown here.

S-shaped

Max Angle: 46°

TOC = surface (CBL, Feb-09)

Circulated 40 bbl of good lead cement to surface (Jan-09)

Apparent bond change at 1075'

Apparent bond change at 1860'

Apparent bond change at 1190'

Perforations 3160' - 3163'
3178' - 3179'
3197' - 3202'
3231' - 3236'
3242' - 3246'
3260' - 3280'

Apparent bond change at 3150'

.875" Q nipple at 3187'

1.315" OD tubing landed at 3190'
Sliding sleeve at 3194'

1.315" OD, 1.72 lb/ft, J-55 IJ Tubing
2.875", 6.5 #/ft, P-110 Tubing

2.28" F nipple at 3331', 1/4" hole just below
Tubing landed at 3369'

5.5", 15.5 #/ft, J-55 Casing

PBTD: 3474'
Casing set at 3553'

TD: 3563'