

Great Western 27-23
Sec27 T6N R67W
Weld, Co.
PROPOSED WELLBORE SCHEMATIC
Date: 2/12/16

Formation Tops:

Parkman: 3530 ft
Sussex: 4274 ft
Nio: 7036 ft
Codell: 7354 ft

API: 05-123-24314

GL Elev: 4749'
KB Elev: 4765'

Spud: 8/2/2007

**Pump 38 sx balanced plug from 500 ft
inside 4 1/2" to surface**

**Circulate 325 sx to surface thru sqz holes
at 1300 ft and CICR at 1200 ft**

**Squeeze hole in casing w/110 sx
1.15 yield cement thru CICR at 4630 ft**

Fish Detail 8/20/15:
2-3/8" tubing fish
Fish top at 6620 ft
End of tubing approx. 7300 ft

CIBP @ 6612 ft
w/ 2 sx cement
(set 8/21/15)

TOC - Surface

Surface Casing :

8-5/8" 24# 10 jnts set @ 448'
Cmt w/ 380 sx

Casing Leak 8/20/15:
Between 4732 and 4748 ft

TOC @ 6380' (CBL verified)

**Frac'd Niobrara w/ 190,118 gals
in 250,000 # of 30/50 mesh on 10/19/07
ATR: 51.4 BPM MTP: 4751 psi**

Perfs: 7038' - 7182' (120 shots)

**Frac'd Codell w/ 153,134 gals
in 270,000 # of 20/40 mesh on 9/21/07
ATR: 28.8 BPM MTP: 4545 psi**

Perfs: 7354' - 7374' (80 shots)

Production Casing :

4-1/2", 11.6# 173 jnts set @ 7520'
Cmt'd w/ 180 sx

PBTD: 7481'

TD: 7530'

