

Well : DUCKWORTH 6-0-16
 Field : Wattenberg
 County : Weld County State : Colorado
 Surface : Lat: 40.141484 Long: -105.002435
 : 1685' FNL, 1034' FEL SENE Sec 16 T2N R68W
 API # : 05-123-25893
 Grd Elev : 4871' GR KB Elevation: 4886' KB

Log Tops:
 Fox Hills Base 168'
 Sussex 4460'
 Niobrara 7416'
 Codell 7650'
 J Sand 8068'

Well History:
 Spud 12-28-2008

Surface Hole
 12-1/4" to 729'

Surface Casing
 8-5/8", 24# IPSCO J-55
 set @ 729', Cmt'd w/ 240
 sx 13.1# Standard, and
 100 sx 15.8# Standard

Shoot 4 Squeeze holes @ 770'
 Set CIBP @ 780'
 Pump 246 sxs Class G CMT in
 annulus and casing to surface

DV TOOL @ 5270'
 CBL (01/10/2009): shows good bond
 from 5,270' to 3,770'
 Cmt'd w/ 300 sx 13.8# 50/50 Poz

Set CICR at 6400'. Sting into retainer
 and Squeeze/Fill csg and annulus
 with 510 sx Class G Neat cement

Production Casing Part Verified 02/13/2009
 Down hole camera verified the part @ 6,485'
 Csg is separated w/ csg ends on opposite
 sides of the hole. **The 2 ends do not
 overlap.**

CBL (01/10/2009): TOC @ 6930'

Ran casing inspection log 02/22/2009
 Casing pitted from DV Tool down to part

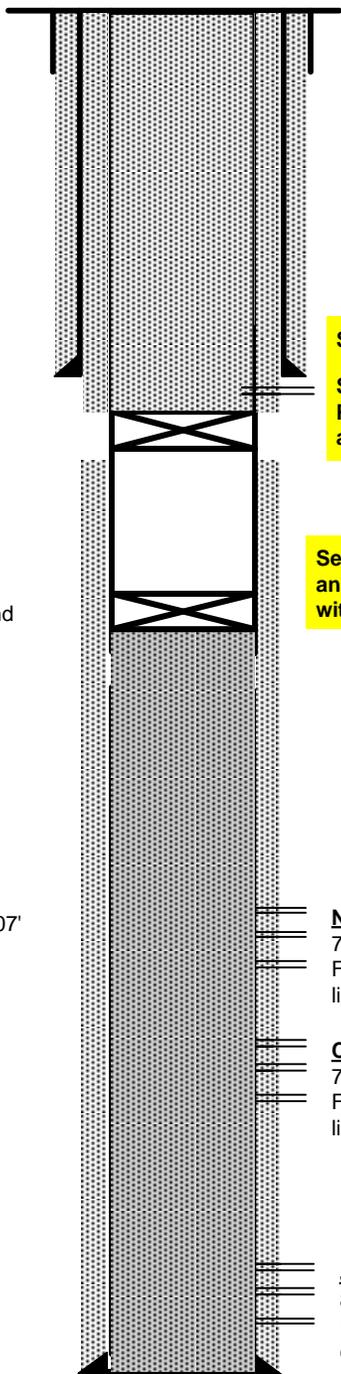
Production Hole
 7-7/8" to 8220'

Production Casing
 4-1/2", 11.6# IPSCO I-80 set @ 8207'
 Cmt'd w/230 sx 15.9# Premium
 class G

Niobrara Perfs
 7482' - 77498' @ 2 spf
 Frac'd Nio w/ 127,680 gal 18# Vistar Hybrid cross
 linked gel w/ 250,140# sand. 01/28/2009

Codell Perfs
 7650' - 7670' @ 4 spf
 Frac'd CD w/ 108,486 gal 24# Vistar Hybrid cross
 linked gel w/ 250,780# sand. 01/13/2009

J Sand Perfs
 8082' - 8100' @ 2 spf
 Frac'd J-Sand w/ 155,064 gal 20# Vistar Hybrid
 cross linked gel w/ 250,600# sand. 01/13/2009



PBSD 8176'
 TD 7945'