



E.L. Minch 35-4D
05-123-33659
SE SW Sec 4 T3N R68W
Weld County, Colorado
WELLBORE SCHEMATIC
5/31/2012

Spud Date: 4/8/2012
Ensign #55
Rig Released: 4/13/12

KB: 5069
GL: 5053

Surface Casing:

8 5/8" 24# J-55
Surf to 721'
Cementers Inc. cemented w/ 510 sxs
5 bbl cmt. To surface

Production Casing:

4.5" 11.6# E-80
Surf to 7606'
Halliburton cmt. 4/13/12 with 310 sx. 11.3# lead
and 250 sxs. 13.5# FracCemB2 tail cement

Tubing:
not run yet

TOC: 2800' from Superior CBL
dated 4-9-2012

Workovers:

Formation Perfs:

Niobrara "B" Perfs : 7266-7279', 4 spf, 60 phas, 19 grm.

Frac'd NIO "B" & "C" together on 5-9-2012 with Superior
pumped 792 BBL. Pad, 1000 gal 15% acid and 4148 BBL. SLF Fluid
91,520 lbs. of 30/50 White Sand
ATP= 4374 psi, Max=5302 psi, AR= 61.6 BPM, Max= 62.2 BPM
ISIP=2887 psi, FG=0.828; 5 min.= 2741 psi

Niobrara "C" Perfs : 7334-7344'

CIFTPB at 7390'

Codell 7472-7496' 4 spf, 60 deg., 19 gram, 0.41 entry

Frac'd Codell on 5-4-2012 with Superior
pumped 817 BBL. Pad and 4198 BBL. SLF Fluid
90,460 lbs. of 30/50 White Sand
ATP= 4267 psi, Max=5134 psi, AR= 61.2 BPM, Max= 62.9 BPM
ISIP=2949 psi, FG=0.827, 5 min.= 2895psi

MD: 7634'
TVD: 7522'
PBSD: 7568'