

NOBLE ENERGY INC.

70 Ranch 31-09
 NWNE 9-5N-63W
 861 FNL & 2146 FEL
 WELD COUNTY, CO
 Wattenberg

**CURRENT WELLBORE SCHEMATIC
 with PROPOSED P&A
 2/7/2017**

API: 05-123-29960
 COGCC #

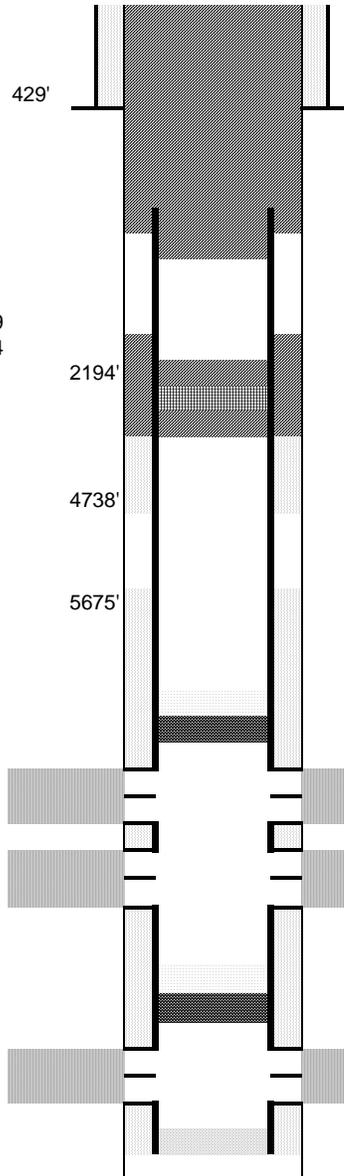
KB Elev: 4736'
 GL Elev: 4722'

Spud Date: 8/2/2006

Surface Casing :
 8 5/8", 24#, J-55 @ 429'
 Cement: 200 sx
 TOC: Surface

WW	N/A
SC	429
FH	404

Production Casing :
 4 1/2", 11.6#, M-80 @ 7332'
 Cement: 695 sx
 TD: 7355'



Cut surface casing off 6'-8' below surface.

Cut production casing @ 629'
 Cmt from 50' in casing stub (679')
 Cmt job 1: 130 sx 679'-329'
 Cmt job 2: 105 sx to surface

Pump 210 sx through/on top of CICR.
 Cmt Coverage inside PC: 1911'
 Cmt Coverage outside PC: 1640'
 Set CICR @ 2,040'
 Perforate csg @ 2,140'

CIBP @ 6420' w/ 2 sx cement on top

Niobrara Perforations: 6470' - 6582'

Codell Perforations: 6746' - 6757'

CIBP @ 7140' w/ 10' cement on top (CURRENT)

J Sand Perforations: 7192' - 7202'

TD: 7355'