

NOBLE ENERGY INC.
KASTNER #41-03
NENE 3-6N-65W
501' FNL & 802' FEL
WELD COUNTY, CO
Wattenberg
CURRENT WELLBORE SCHEMATIC
with PROPOSED P&A
3/29/2016

API: 05-123-23386
 COGCC #

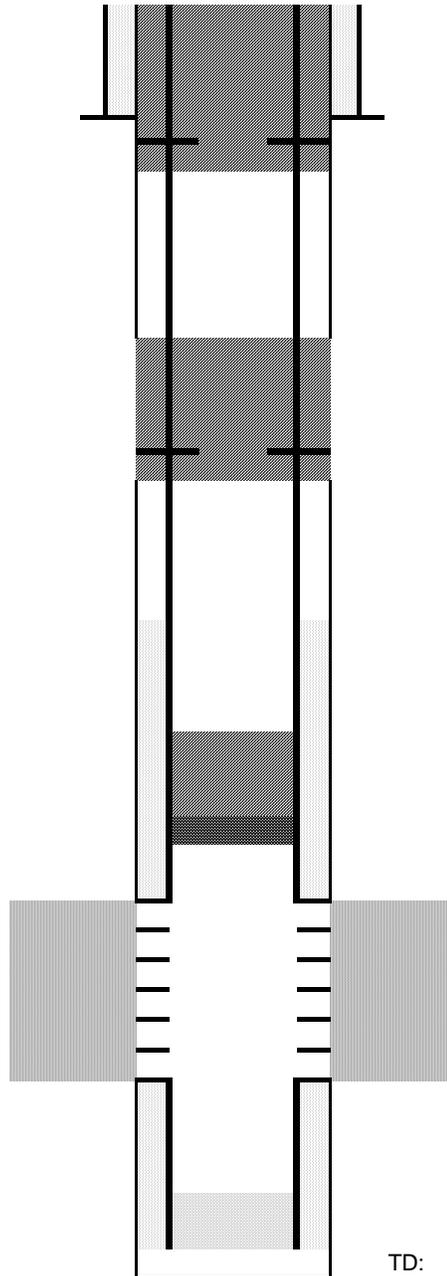
GL Elev: 4843.0'
 KB Elev: 4855.0'

Spud Date: 12/22/2005

Surface Casing :
 8 5/8" 24# (Grade not Specified) @ 494.0'
 Cement: 325 sx
 TOC: Surface

TOC @ 3350.0'
Niobrara Top 6854.0'
Codell Top 7138

Production Casing :
 4 1/2" 11.6# (Grade not specified) @ 7256.0'
 Cement: 260 sx
 TD: 12/30/2005



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

Perforate at 718.0' (150 ft below Fox Hills)
Pump 320 Sxs
265 sx out and 55 sx in
Will bring cement to surface.

Deepest water well within 1 mile (320') + 150' : 470'
 Foxhills bottom : (568') + 150' = 718'
 Casing shoe (494') + 100' : 594'

Perforate @ 2500'
Pump 95 sx courtesy plug
80 sx out and 15 sx in

No producing Sussex within 1 mile.

CIBP @ 7090.0' w/ 35 sx cement on top to 6754'

Codell Perforations: 7140.0'-7154.0'

TD: 7292.0'