

NOBLE ENERGY INC.

Howard A27-09
NESE 27-6N-64W
1905' FSL & 756' FEL
WELD COUNTY, CO
Wattenberg
CURRENT WELLBORE SCHEMATIC
with PROPOSED P&A
11/1/2016

API: 05-123-22832
COGCC #

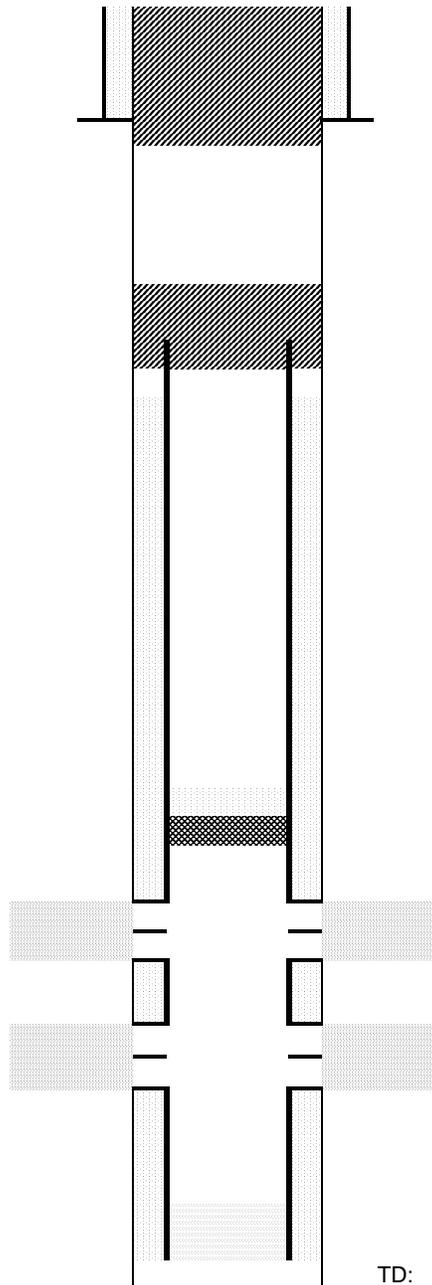
GL Elev: 4680'
KB Elev: 4692'

Spud Date: 5/23/2005

Surface Casing :
8 5/8" 24# J-55 @ 930'
Cement: 650 sks
TOC: Surface

TOC @ 2810'

Production Casing :
4 1/2" 11.6# M-80 @ 7023'
Cement: 600 sks
TD: 6/1/2005



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

Pump approx 320 sx shoe plug @ 1030'
Will bring cement to surface

Pump 100 sx stub plug where csg was pulled
Cut and pull csg @ 2500' (top of plug ~ 2270')

CIBP @ 6524' w/ 2 sx cement on top

Niobrara Perforations 6574' - 6708'

Codell Perforations 6863' - 6875'

TD: 7035'