

NOBLE ENERGY INC.
 Leonard 1
 SWSE 21-4N-64W
 660' FSL & 1980' FEL
 WELD COUNTY, CO
 Wattenberg
CURRENT WELLBORE SCHEMATIC
 with PROPOSED P&A
 5/20/2015

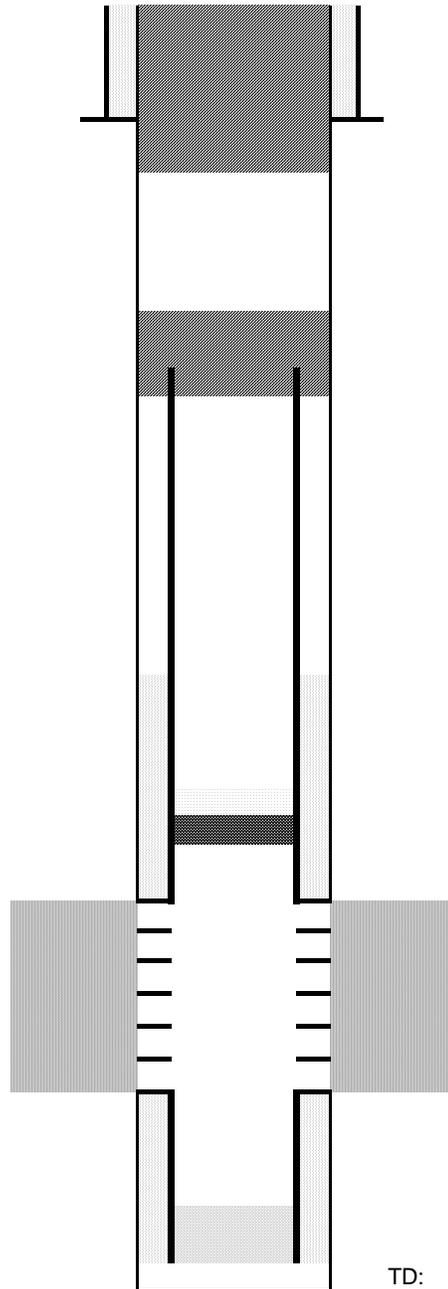
API: 05-123-11313
 COGCC #

GL Elev: 4708'
 KB Elev: 7421'

Spud Date:

Surface Casing :
 8-5/8" 24# 411'
 Cement: 400
 TOC: Surface

Production Casing :
 4-1/2" 11.6# 6,991'
 Cement: 250 sx
 TD: 9/17/1983



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

Pump approx 335 sx shoe plug @ 870'
 Will bring cement to surface.

Pump 100 sx stub plug where csg was pulled
 Cut and pull csg @ 2500'

CIBP @ 6566' w/ 2 sx cement on top

Niobrara Perforations 6616' - 6704'

Codell Perforations 6883' - 6896'

TD: 7002'