NOBLE ENERGY INC.

KARCH BLUE DD18-12
NWSW 18-3N-63W
2130' FSL & 510' FWL
Weld County, Colorado
Wattenberg
CURRENT WELLBORE SCHEMATIC
with PROPOSED P&A
3/13/2014

API: 05-123-16228
COGCC #

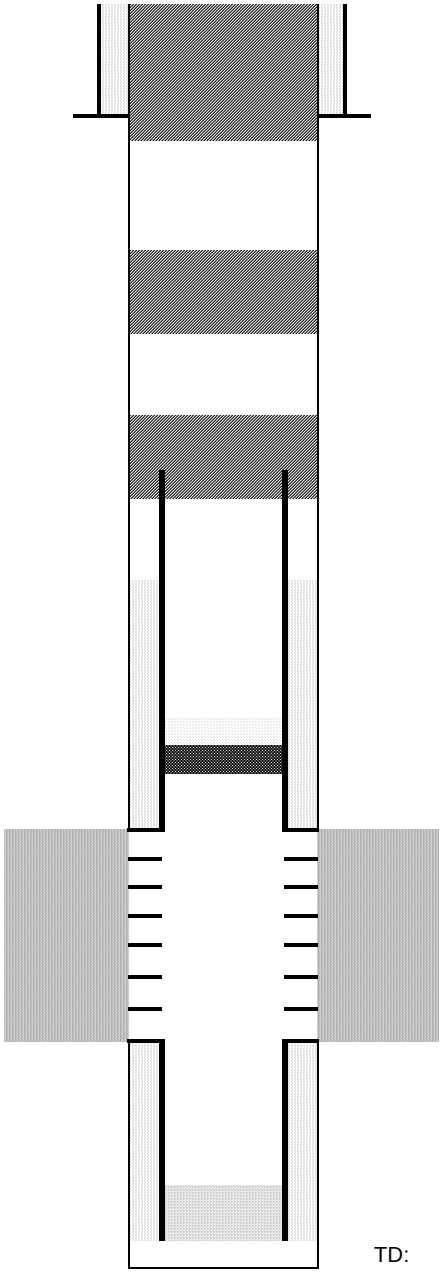
GL Elev: 4771'
KB Elev: 4781'

Spud Date: 10/27/1992

Surface Casing :
8 5/8" 24# @ 585'
Cement: 210 sx Lite + 100 sx Reg
TOC: Surface

TOC @ 5856'

Production Casing :
2 7/8" 6.5# @ 6980'
Cement: 270 sx Class G
TD: 11/1/1992



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

Pump approx 225 sx shoe plug @ 700'
Will bring cement to surface.

50 sx Courtesy Plug @ 2500'

Pump 100 sx stub plug where csg was pulled
Cut and pull csg @ 4300'

CIBP @ 6750' w/ 2 sx cement on top

Codell Perforations 6801' - 6813'

TD: 6990'