

NOBLE ENERGY INC.
 FOE 16-20
 SESE 20-6N-64W
 650 FSL & 660 FEL
 WELD COUNTY, CO
 Wattenberg
PROPOSED WELLBORE SCHEMATIC
 for P&A
 Date: 4/24/17
 Drawing not to scale

API: 05-123-12828

GL Elev: 4710'
 KB Elev: 4721'

Spud Date: 1/3/1986

Surface Casing:

8.625" 24# @ 307' KB
 Cement: 240 sx
 TOC: Surface

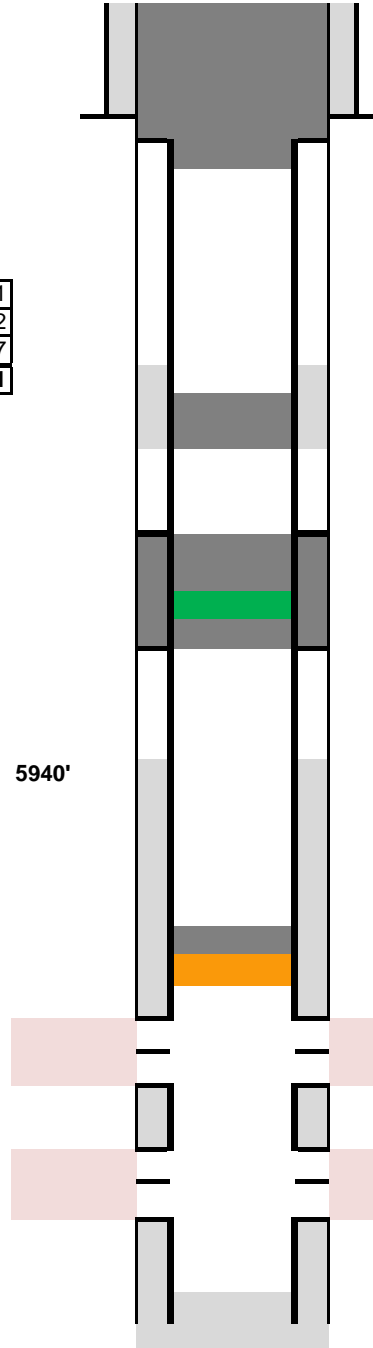
Water Well	691	891
FH:	382	582
Sfc Casing	307	507
Min. shoe plug depth:		891

Parkman top: 3606'
Parkman base: 4025'

TOC @ 5940'

Production Casing:

4.5" 11.6# N-80 @ 7033' KB
 Cement: 420 sx
 TD: 1/8/1986



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

TOC @ Surface

Cut casing at 891'
 Pump 390 sx cement @ 941'

Est TOC: 1740'
 Run CBL to confirm squeeze interval
 Pump 40 sx at 2340'

Pump 50 sx on top of CICR
 Unsting from CICR

Pump 290 sx cement through CICR
 CICR at 4030'
 TOC: 3400' in annulus

TOC: 6544'
 Set CIBP @ 6570' and pump 2 sx cement on top

Nio Perforations: 6620' - 6822'

Codell Perforations: 6914-6926'

TD: 7040' KB

LEGEND	
Existing Cement	
New Cement	
CICR	
CIBP	
Existing BP	
Sand Plug	