

NOBLE ENERGY INC.
LEFFLER I21-06
SENW 21-6N-66W
1880 FNL & 1880 FWL
WELD COUNTY, CO
Wattenberg
PROPOSED WELLBORE SCHEMATIC
for P&A
Date: 4/11/17
Drawing not to scale

API: 05-123-23329

GL Elev: 4748'
 KB Elev: 4760'

Spud Date: 11/5/2005

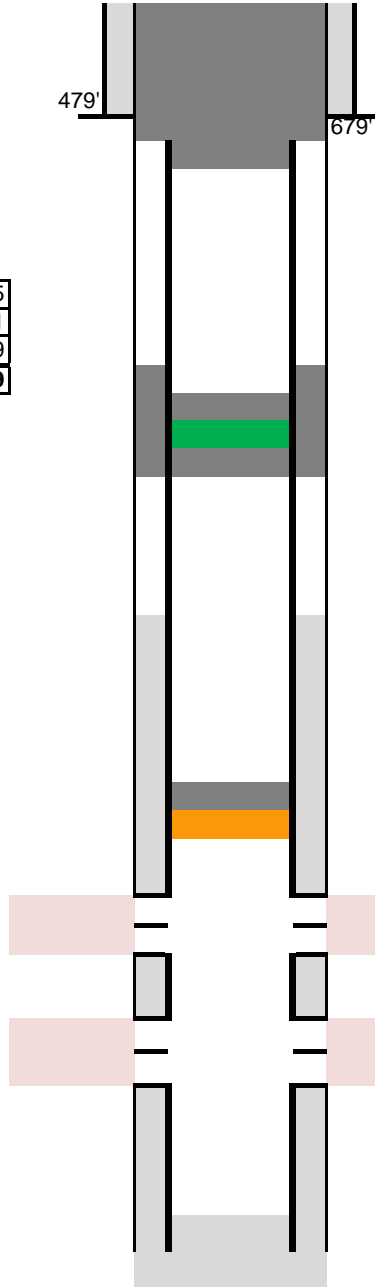
Surface Casing:
 8.625" 24# J-55 @ 479' KB
 Cement: 335 sx
 TOC: Surface

Water Well	55	255
FH:	341	541
Sfc Casing	479	679
Min. shoe plug depth:		679

TOC @ 3644'

Nio Log Top: 6870'

Production Casing:
 4.5" 11.6# N-80 @ 7256' KB
 Cement: 560 sx
 TD: 11/10/2005



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

TOC @ Surface

Cut production casing @ 679'
Pump 320 sx cement @ 729' (50' into casing top)

Perforate 2500'
CICR @ 2400'
Pump 210 sx Cement
TOC: 2000' annulus, 2271' in pipe

TOC: 6810'
Set CIBP @ 6836' w/ 2sx cement on top

Niobrara Perforations: 6886-7007' KB

Codell Perforations: 7146-7162' KB

TD: 7310' KB

LEGEND	
Existing Cement	
New Cement	
CICR	
CIBP	
Existing BP	
Sand Plug	