

**NOBLE ENERGY INC.**  
**HAROLD B01-21**  
**NESW 21-6N-66W**  
**1980 FSL & 1790 FWL**  
**WELD COUNTY, CO**  
**Wattenberg**  
**PROPOSED WELLBORE SCHEMATIC**  
**for P&A**  
**Date: 4/10/17**  
**Drawing not to scale**

API: 05-123-12905

GL Elev: 4745'  
 KB Elev: 4756'

**Spud Date:** 12/15/1985

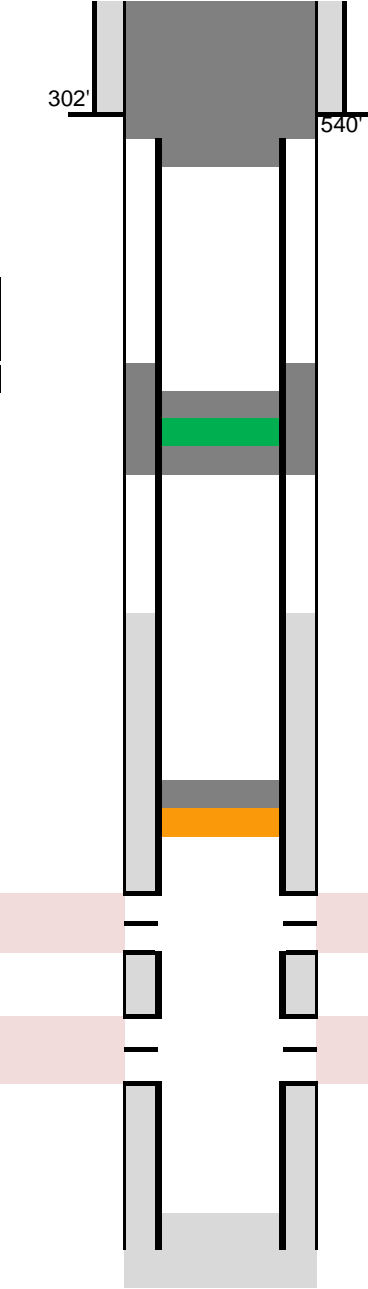
**Surface Casing:**  
 9.625" 36# @ 302' KB  
 Cement: 260 sx  
 TOC: Surface

Water Well	58	258
FH:	340	540
Sfc Casing	302	502
Min. shoe plug depth:		<b>540</b>

**TOC @ 6310'**

**Nio Log Top: 6841'**

**Production Casing:**  
 4.5" 11.6# J-55 @ 7264' KB  
 Cement: 225 sx  
 TD: 12/22/1985



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

**TOC @ Surface**

**Cut production casing @ 540'**  
**Pump 220 sx cement @ 590' (50' into casing top)**

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

**TOC: 6901'**  
**Set CIBP @ 6927' w/ 2sx cement on top**

**Niobrara Perforations: 6977-6987' KB**

**Codell Perforations: 7151-7162' KB**

TD: 7278' KB

LEGEND	
Existing Cement	
New Cement	
CICR	
CIBP	
Existing BP	
Sand Plug	