

**NOBLE ENERGY INC.**  
**AUSTYN J09-19**  
**NWNW 9-5N-66W**  
**1032 FNL & 1064 FWL**  
**WELD COUNTY, CO**  
**Wattenberg**  
**PROPOSED WELLBORE SCHEMATIC**  
**for P&A**  
**Date: 4/11/17**  
**Drawing not to scale**

API: 05-123-23259

GL Elev: 4759'  
 KB Elev: 4775'

**Spud Date:** 1/9/2006

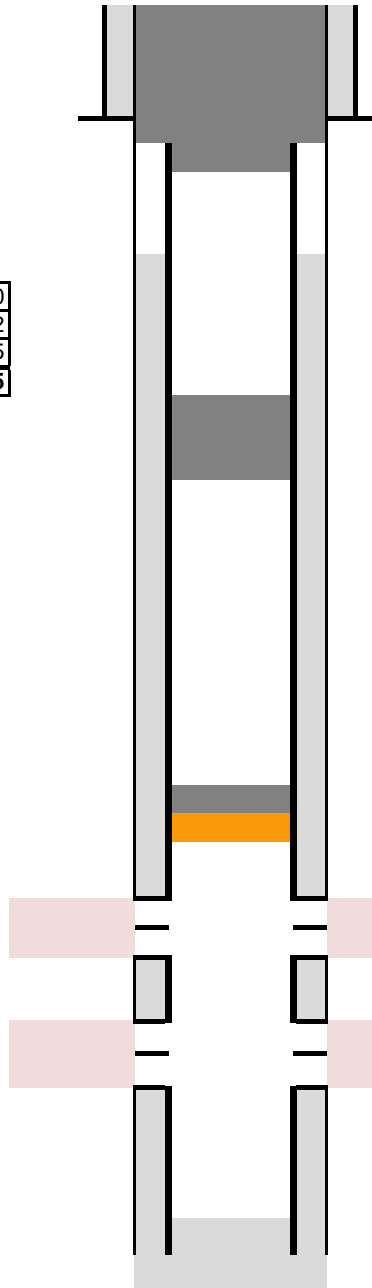
**Surface Casing:**  
 8.625" 24# J-55 @ 585' KB  
 Cement: 410 sx  
 TOC: Surface

Water Well	500	700
FH:	312	512
Sfc Casing	585	785
Min. shoe plug depth:		<b>785</b>

**TOC @ 1668'**

**Nio Log Top: 6913'**

**Production Casing:**  
 4.5" 11.6# M-80 @ 7410' KB  
 Cement: 850 sx  
 TD: 1/13/2006



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

**TOC @ Surface**

**Cut production casing @ 785'**  
**Pump 295sx cement @ 835' (50' into casing top)**

**TOC: 2000'**  
**Pump 40sx Cement @ 2500'**

**TOC: 6863'**  
**Set CIBP @ 6890' w/ 2sx cement on top**

**Niobrara Perforations: 6940-7084' KB**

**Codell Perforations: 7259-7276' KB**

**TD: 7436' KB**

LEGEND	
Existing Cement	
New Cement	
CICR	
CIBP	
Existing BP	
Sand Plug	