

**NOBLE ENERGY INC.**  
**NATIONAL HOG FARMS 21-21**  
**NENW 21-5N-63W**  
**660 FNL & 1980 FWL**  
**WELD COUNTY, CO**  
**Wattenberg**  
**CURRENT WELLBORE SCHEMATIC**  
**with PROPOSED P&A**  
**4/21/2016**

API: 05-123-20815  
 COGCC #

GL Elev: 4634  
 KB Elev: 4646

**Spud Date:**

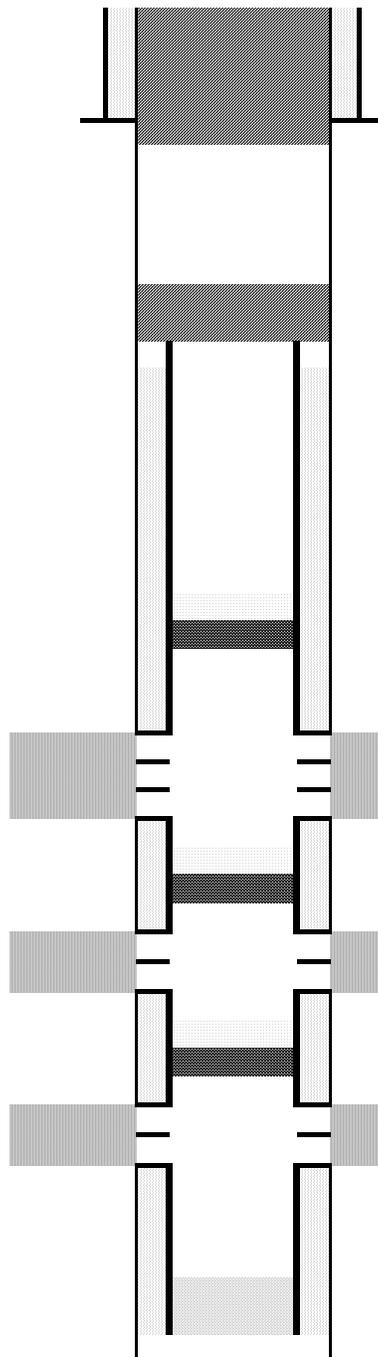
**Surface Casing :**

8-5/8" 24# @ 401'  
 Cement: 285  
 TOC: Surface

**TOC @ ~ 3110'**

**Production Casing :**

4-1/2" 11.6# N-80 @ 7402'  
 Cement: 431  
 TD: 5/11/2002



Add 10 sx plug at surface.  
 Cut surface casing off 6'-8' below surface.

Pump 200 sx shoe plug from 550' to surface

Pump approx. 100 sx stub plug @ 2500'

CIBP @ 6282' w/ 2 sx cement on top

Niobrara Perforations: 6332' - 6500'

Codell Perforations: 6590' - 6600'

CIBP @ 6976' w/ 2 sx cement on top

J-Sand Perforations: 7026' - 7084'

Existing CIBP @ 7250'

Dakota Perforations: 7302' - 7346'

TD: 7408