

**NOBLE ENERGY INC.**  
**KESSLER 19-22**  
**NWNW 19-6N-66W**  
**664 FNL & 738 FWL**  
**WELD COUNTY, CO**  
**Wattenberg**  
**PROPOSED WELLBORE SCHEMATIC**  
**for P&A**  
**4/24/2017**  
**Drawing not to scale**

API: 05-123-22380

GL Elev: 4790'  
 KB Elev: 4800'

**Spud Date:** 12/10/2004

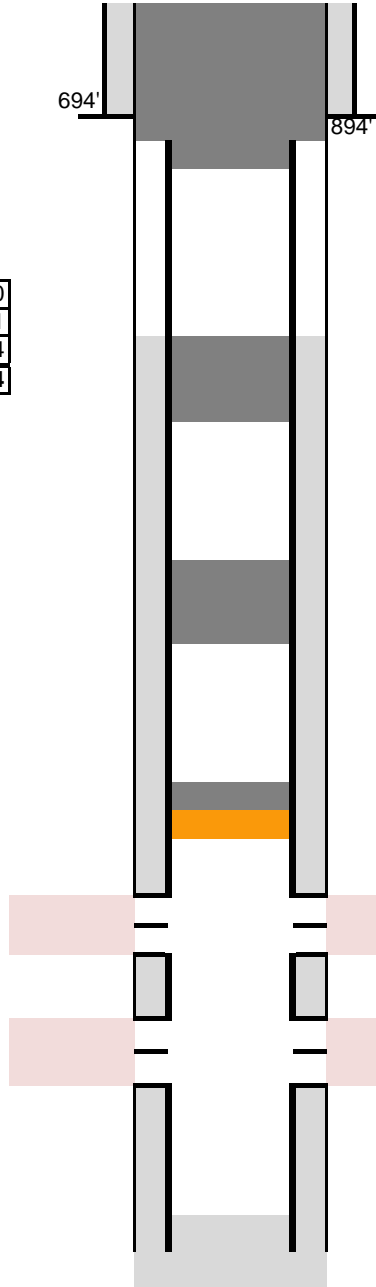
**Surface Casing:**  
 8.625" 24# J-55 @ 694' KB  
 Cement: 272 sx  
 TOC: Surface

|                       |     |            |
|-----------------------|-----|------------|
| Water Well            | 620 | 820        |
| FH:                   | 351 | 551        |
| Sfc Casing            | 694 | 894        |
| Min. shoe plug depth: |     | <b>894</b> |

**TOC @ 2542'**

**Nio Log Top: 6840'**  
**Sussex Log Top: 4253'**

**Production Casing:**  
 4.5" 11.6# @ 7290' KB  
 Cement: 635 sx  
 TD: 12/15/2004



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

**TOC @ Surface**

**Cut production casing @ 894'**  
**Pump 325 sx cement @ 944' (50' into casing top)**

**Pump 190 sx courtesy plug @ 3040'**

**Pump 30 sx balance plug @ 4437'**  
**TOC: 4053' in pipe**

**TOC: 6783'**  
**Set CIBP @ 6809' w/ 2sx cement on top**

**Niobrara Perforations: 6859-7052' KB**

**Codell Perforations: 7136-7154' KB**

TD: 7300' KB

| LEGEND          |  |
|-----------------|--|
| Existing Cement |  |
| New Cement      |  |
| CICR            |  |
| CIBP            |  |
| Existing BP     |  |
| Sand Plug       |  |
|                 |  |
|                 |  |