

|                  |                      |                    |                     |
|------------------|----------------------|--------------------|---------------------|
| Well / Battery   | Location             | County, ST         | Field               |
| Challis Farms #1 | NWNE Sec 25-T1N-R54W | Washington Co., CO | Rago North          |
| API #            | Well Type/Class      | Date               | Producing Formation |
| 05-121-10222     | Oil - SI             | 3/10/2017          | J Sand              |

**WELLSBORE SCHEMATIC - P&A Proposed**

**General Information**

GL elev: 4786'  
 KB elev:  
 Spud: 9/14/1985  
 Compl: 9/19/1985  
 TD: 5065  
 PBTD: 5002

**Hole:** 12-1/4" to 206'

**Surface Casing**

8-5/8", 24# at 206' w/110 sx cmt

**Hole:** 7-7/8" to 5065'

**Production Casing**

5-1/2", 15.5# at 5060' w/150 sx cmt  
 Cut csg @ 280' during plugging

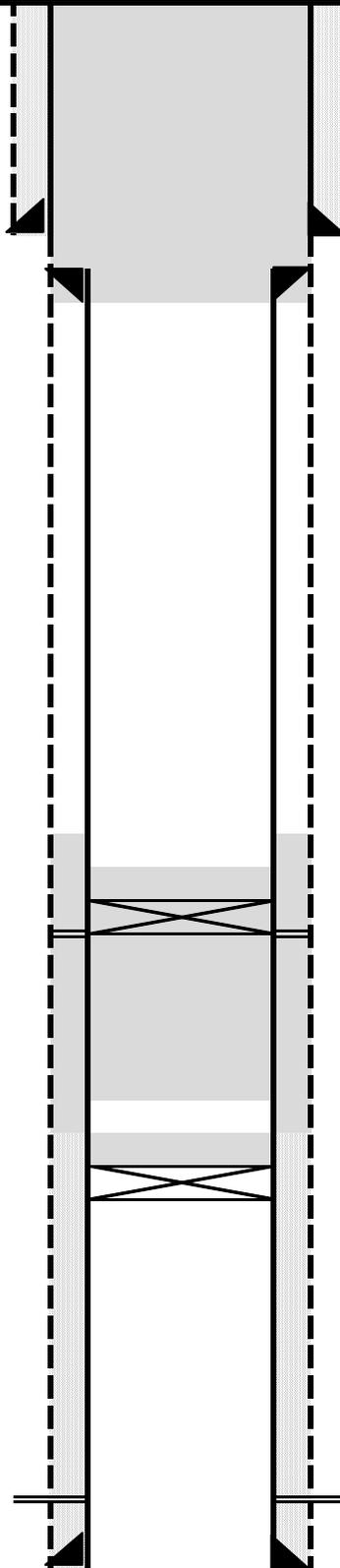
Plug 3: Stub plug: Cut csg @ 280'.  
 Circ/pump 94 sx cmt from 330' to surface, top off as needed.

Plug 2: Perf csg @ 4002'. Set CICR @ 3912'  
 Pump 50 sx cement, 40 sx under and 10 sx on top. Annular TOC: 3827', cased TOC: 3829'.

Plug 1: Set CIBP @ 4962' w/2 sx cmt on top

**Perforations**

5002-5008' J Sand



**TOC:** 4386'

Top Niobrara 4012'

Top D Sand 4908'

Top J Sand 4964'

PBTD - 5005'  
 TD - 5065'