# Sauer 1

API 05-087-07366
SENE SEC. 14 T3N R59W 6PM

## Existing Completion

**Elev 4,435’**

## Proposed P&A

**TOC**

10 sacks cement at surface

Shoe at 222’
8 5/8” Surface casing
10 3/4” hole size
250 sacks cement

CICR 272’, 32 sacks for casing plug

Perfs at 322’, squeeze 23 sacks

Formation Tops (COGCC):

| Formation | Log Top |
|---|---|
| NIOBRARA | 5172 |
| FORT HAYS | 5430 |
| GREENHORN | 5678 |
| BENTONITE | 5760 |
| D SAND | 5857 |
| J SAND | 5941 |

| Offset Groundwater Depths (From SEO) | Permit Number |
|---|---|
| 36’ | 13398 |
| 24’ | R10438 |
| 65’ | 13398 |

*Offset groundwater depths include all depths reported for groundwater wells within a 1-mile radius and are assumed in feet below ground surface. Data is from the Colorado State Engineer’s Office’s database

Perfs at 2,450’
-squeeze 25 sacks
-35 sacks for casing plug

Top of Niobrara 5,172’

Est. top of production string cement ~5,049’ (Entrada calc)

Completed interval: 5,870’ – 5,880’

Bridge plug at 5,820’ + 25’ cement

TD = 6,045’ MD
5 ½” Production casing
7 7/8” hole size
150 sacks of cement

NOT DRAWN TO SCALE

Measured depths displayed, TVD unknown

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**Sauer 1**
**Proposed P&A Wellbore Diagram**
**Western Operating Company**

Proposed Cement
Existing Cement

ENTRADA CONSULTING GROUP

Figure 1