API:	**05-123-19588**	**CREATED BY:**	**G. MACAULEY**	**DATE:**	**2/12/2025**
WELL NAME:	**HSR-LOST CREEK STATE 13-20**	**ELEVATION:**	**4679**	**QTRQTR:**	**SWSW**
COUNTY:	**WELD**	**GROUND LEVEL:**	**4668**	**SEC:**	**20**
LATITUDE:	**40.205299**	**MD:**	**7034**	**TWN:**	**3N**
LONGITUDE:	**-104.354697**	**PBMD:**		**RNG:**	**62W**

Existing — DATUM: RKB, KB=11' — **Proposed**

Hole Size/Depth 12-1/4" / 594'

Est BOC 30'

Deepest water well in 1 mile - 200'

500 Sx Cmt — Plug TOC 546' — **345. sx, 1.21 yld, 15.8 ppg**

Surface Casing 8-5/8", 24#, J-55 set @ 594'

Surf TOC — 200% OH ex

Plug BOC 680' — 800' BOC

280 sx, 1.21 yld — 1100' TOC, 100% ex

Upper Pierre Aquifer Base 1655'

1600' BOC

PROPOSED RE-PLUG

200 sx, 1.21 yld — 1800' TOC, 40% ex

2300' BOC

280 sx, 1.19 yld — 3900' TOC, 100% ex

Sussex NOT productive in 1 mile

Top 4260'

4400' BOC

5700' TOC, 50% ex

200 sx, 1.52 yld

Nio Top 6175'

6300' BOC

TOC 6706' — **40 sx, 1.18 yld**

BOC 6840'

Hole Size/Depth 7-7/8" / 7499'

- New Cement
- Existing Cement
- New CICR
- Existing CICR
- New CIBP
- Existing CIBP
- Treated Water
- Brine
- Mud
- Sand Plug