API:	**05-123-08255**	**CREATED BY:**	**G. MACAULEY**	**DATE:**	**1/29/2026**
WELL NAME:	**STREMEL 1**	**ELEVATION:**	**4811**	**QTRQTR:**	**SESW**
COUNTY:	**WELD**	**GROUND LEVEL:**	**4805**	**SEC:**	**27**
LATITUDE:	**40.10403**	**MD:**	**7350**	**TWN:**	**2N**
LONGITUDE:	**-104.426058**	**PBMD:**		**RNG:**	**63W**

Existing — DATUM: RKB, KB=6' — **Proposed**

Hole Size/Depth 12-1/4" / 526'

Est Plug BOC 35'

330 sx
1.21 yld

275 Sx Cmt

TOC (est) 476'

Surface Casing 8-5/8", 28#, set @ 526'

BOC (est) 526'

270 % OH ex

Deepest water well in 1 mile - 640'

700' BOC

FHM 1235'

310 sx
1.21 yld

1000' TOC/BOC

Upper Pierre Aquifer Base 1705'

100% ex

1600' BOC

200 sx
1.21 yld

2100' TOC

40% ex

PLANNED RE-PLUG

2600' BOC

Sussex NOT productive in 1 mile

Top 4200'

280 sx
1.19 yld

3900' TOC

100% ex

4400' BOC

6100' TOC

310 sx
1.52 yld

100% ex

Niobrara Top 6418'

6800' BOC

J-Sand Top 7193'

Hole Size/Depth 7-7/8" / 7350'

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