API:	**05-123-05067**	**CREATED BY:**	**G. MACAULEY**	**DATE:**	**1/8/2026**
WELL NAME:	**KAUFMAN 1-A**	**ELEVATION:**	**4778**	**QTRQTR:**	**NESW**
COUNTY:	**WELD**	**GROUND LEVEL:**	**4768**	**SEC:**	**22**
LATITUDE:	**40.123039**	**MD:**	**7247**	**TWN:**	**2N**
LONGITUDE:	**-104.424698**	**PBMD:**		**RNG:**	**63W**

Existing | DATUM: RKB, KB=10' | **Proposed**

Surf TOC

Deepest water well in 1 mile - 630'

420 sx
1.21 yld
15.8 #

280 Sx Cmt

Surface Casing 10-3/4", 32.75#, H-40 set @ 471'

Hole Size/Depth Unknown

100% OH Ex

700' BOC

280 sx
1.21 yld
15.8 #

1100' TOC
50% ex

Upper Pierre Aquifer Base 1630'

1600' BOC

PROPOSED RE-PLUG AFTER DRILL-OUT TO 6700'. CEMENT VOLUMES ARE ASSUMING WE CAN DRILL-OUT WITH 9" BIT

280 sx
1.21 yld
15.8 #

2100' TOC
50% ex

2600' BOC

3800' TOC

Sussex NOT productive in 1 mile
Top 4100'

50% ex

280 sx
1.19 yld
15.8 #

4300' BOC

6000' TOC
50% ex

310 sx
1.52 yld
15.8 #

Casing cut somewhere above 6750'

6700' BOC

Niobrara Top 6354'

Free Point 6750'

Assumed TOC >6750'

UNKN CIBP DEPTH

J-Sand Top 7146'

J Sand Perfs 7156'-7182'

125 Sx Cmt

Production Casing 5-1/2", 15.5#, I-80 set @ 7224'

Hole Size/Depth 9" / 7224'

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