API:	**05-123-22931**	**CREATED BY:**	**B. Dean**	**DATE:**	**Nov 14, 2022**
WELL NAME:	**ZEILER 9-7**	**ELEVATION:**	**4962**	**QTRQTR:**	**NESE**
COUNTY:	**WELD**	**GROUND LEVEL:**	**4950**	**SEC:**	**7**
LATITUDE:	**40.4129033**	**MD:**	**8127**	**TWN:**	**5N**
LONGITUDE:	**-104.9281868**	**PBMD:**	**8127**	**RNG:**	**67W**

Existing — DATUM: RKB, KB=12' — **Proposed**

Hole Size/Depth 12-1/4" / 637'

80 sx
1.21 yld
cmt to surface

Deepest water well in 1 mile - 875'

260'

440 Sx Cmt

Surface Casing 8-5/8", 24#, J-55 set @ 627'

120 sx
1.21 yld
577' TOC
727' BOC/Cut casing

1000' TOC in Csg

Upper Pierre Aquifer Base 1140'

1.20 Yld
< 240 sx >
1800' Perfs/BOC

10 sx
2022' TOC in Csg
< **>**
2100' Perfs/TOC

2160'

1.20 Yld
< 205 sx >
2800' Perfs/BOC

TOC (from CBL) 3051'

5 sx
3969' TOC in csg

Sussex Productive in 1 mile
4038'

Top 4054'
Base 4262'
< 95 sx >
4078' Perfs/BOC

Shannon Base 4688' - NOT productive in 1 mile

2 sx

Niobrara Top 6936'

6886'

Codell Perfs 7224' - 7238'

2 sx

7670'

J Sand Perfs 7686' - 7720'

730 Sx Cmt

Production Casing 4-1/2", 11.6#, L-80 set @ 8127'

Hole Size/Depth 7-7/8" / 8127'

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