API:	**05-123-14959**	**CREATED BY:**	**J. GLASS**	**DATE:**	**Dec 18, 2024**
WELL NAME:	**WISEMAN 5-24A**	**ELEVATION:**	**5005**	**QTRQTR:**	**SWNW**
COUNTY:	**WELD**	**GROUND LEVEL:**	**4994**	**SEC:**	**24**
LATITUDE:	**40.2128919**	**MD:**	**8024**	**TWN:**	**3N**
LONGITUDE:	**-104.7329597**	**PBMD:**	**7991**	**RNG:**	**66W**

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

Hole Size/Depth 12-1/4" / 663'

80 sx
1.21 yld
cmt to surface

Deepest water well in 1 mile - 580'

260'

470 Sx Cmt

Surface Casing 8-5/8", 24#, J-55 set @ 663'

90 sx
1.21 yld
613' TOC
730' Cut Casing
800' BOC

TOC (from CBL) 740'

5 sx
1270'
95 sx
1210' TOC in csg
1300' Perfs/BOC

BOC (from CBL) 1480'

Upper Pierre Aquifer Base 1700'

5 sx
1770'
95 sx
1710' TOC in csg
1800' Perfs/BOC

TOC (from CBL) 3970'

5 sx
4425'
95 sx
4365' TOC in csg
4455' Perfs/BOC

Sussex Productive in 1 mile
Top 4455'
Base 4746'
Shannon Base 5194' - NOT productive in 1 mile

BOC (from CBL) 5290'

TOC (from CBL) 6684'

5 sx
7100'
95 sx
7040' TOC in csg
7130' Perfs/BOC

Niobrara Top 7129'
Niobrara Perfs 7130' - 7189'

Codell Perfs 7413' - 7428'

155 Sx Cmt Liner Hanger @ 7490'

2 sx
7485'

Production Casing 4-1/2", 11.6#, I-80 set @ 7556'
Hole Size/Depth 7-7/8" / 7556'

TOC (from CBL) 7500'

J Sand Perfs 7873' - 7938'

25 Sx Cmt

Liner Casing 2-3/8", 4.7#, J-55 set @ 8021'
Hole Size/Depth 3-7/8" / 8024'

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