API:	**05-123-21987**	**CREATED BY:**	**J. GLASS**	**DATE:**	**May 2, 2024**
WELL NAME:	**MAYER FEDERAL 14-17**	**ELEVATION:**	**4882**	**QTRQTR:**	**SESW**
COUNTY:	**WELD**	**GROUND LEVEL:**	**4870**	**SEC:**	**17**
LATITUDE:	**40.13242**	**MD:**	**8021**	**TWN:**	**2N**
LONGITUDE:	**-104.8034**	**PBMD:**	**7991**	**RNG:**	**66W**

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

Hole Size/Depth 12-1/4" / 820'

Deepest water well in 1 mile - 740'

585 Sx Cmt

Surface Casing 8-5/8", 24#, J-55 set @ 808'

Upper Pierre Aquifer Base 1683'

TOC (from CBL) 3980'

Sussex Productive in 1 mile
Top 4373'
Base 4592'
Shannon Base Absent

Niobrara Top 7178'

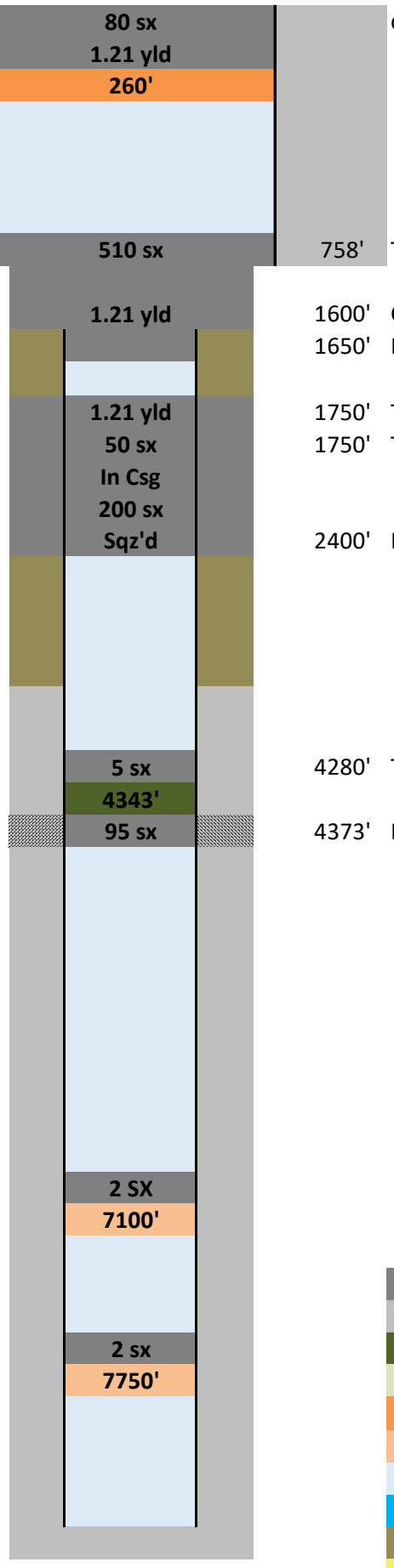
Niobrara Perfs 7189' - 7207'

Codell Perfs 7403' - 7416'

J Sand Perfs 7825' - 7832'

585 Sx Cmt

Production Casing 4-1/2", 11.6#, I-80 set @ 8007'
Hole Size/Depth 7-7/8" / 8021'



758' TOC

1600' Cut Casing
1650' BOC

1750' TOC in csg
1750' TOC behind csg

2400' Perfs/BOC

4280' TOC in csg

4373' Perfs/BOC

cmt to surface

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