API:	**05-123-29621**	**CREATED BY:**	**J. GLASS**	**DATE:**	**Sep 14, 2023**
WELL NAME:	**CLIFFORD L 03-31**	**ELEVATION:**	**4825**	**QTRQTR:**	**SWNW**
COUNTY:	**WELD**	**GROUND LEVEL:**	**4811**	**SEC:**	**3**
LATITUDE:	**40.256946**	**MD:**	**7487**	**TWN:**	**3N**
LONGITUDE:	**-104.772234**	**PBMD:**	**7434**	**RNG:**	**66W**

Existing — DATUM: RKB, KB=14' — **Proposed**

Hole Size/Depth 12-1/4" / 668'

Deepest water well in 1 mile - 500'

257 Sx Cmt

Surface Casing 8-5/8", 24#, J-55 set @ 659'

Upper Pierre Aquifer Base 1568'

TOC (from CBL) 2056'

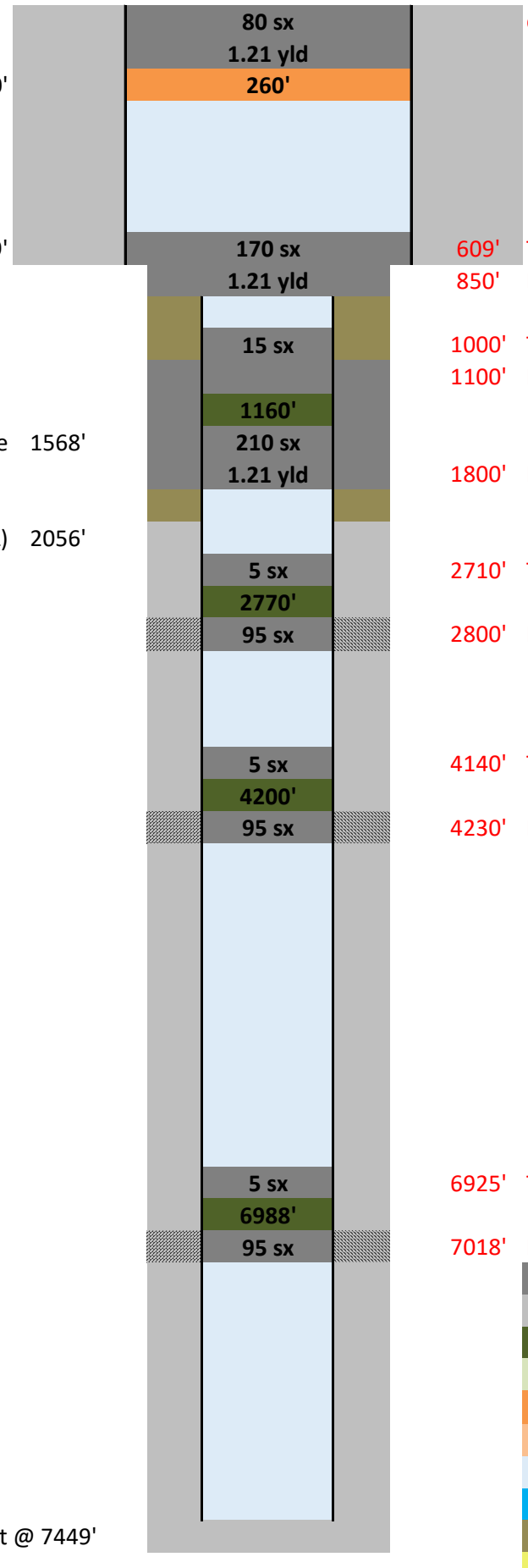
Sussex Productive in 1 mile
Top 4230'
Base 4490'
Shannon Base Absent

Niobrara Top 7016'
Niobrara Perfs 7018' - 7176'

Codell Perfs 7305' - 7320'

850 Sx Cmt

Production Casing 4-1/2", 11.6#, M-80 set @ 7449'
Hole Size/Depth 7-7/8" / 7487'



609' TOC
850' BOC/Cut casing
1000' TOC in csg
1100' Perfs/TOC
1800' Perfs/BOC
2710' TOC in csg
2800' Perfs/BOC
4140' TOC in csg
4230' Perfs/BOC
6925' TOC in csg
7018' Perfs/BOC

cmt to surface

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