API:	**05-123-16429**	**CREATED BY:**	**T. Nicosia**	**DATE:**	**Sep 13, 2024**
WELL NAME:	**BRETT 4**	**ELEVATION:**	**4961**	**QTRQTR:**	**NWSE**
COUNTY:	**WELD**	**GROUND LEVEL:**	**4950**	**SEC:**	**18**
LATITUDE:	**40.1368181**	**MD:**	**8145**	**TWN:**	**2N**
LONGITUDE:	**-104.931225**	**PBMD:**	**8089**	**RNG:**	**67W**

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

Hole Size/Depth 12-1/4" / 680'

Deepest water well in 1 mile - 532'

470 Sx Cmt

Surface Casing 8-5/8", 24#, J-55 set @ 668'

Upper Pierre Aquifer Base 1470'

TOC (from CBL) 3720'

Sussex Productive in 1 mile
Top 4309'
Base 4536'

Shannon Base 4900' - Productive in 1 mile

200 Sx Cmt: Stage 2

BOC (from CBL) 5160'

TOC (from CBL) 6412'

Niobrara Top 7240'

Codell Perfs 7504' - 7520'

575 Sx Cmt Liner Hanger @ 7578'

Production Casing 4-1/2", 11.6#, I-80 set @ 7612'

Hole Size/Depth 7-7/8" / 7632'

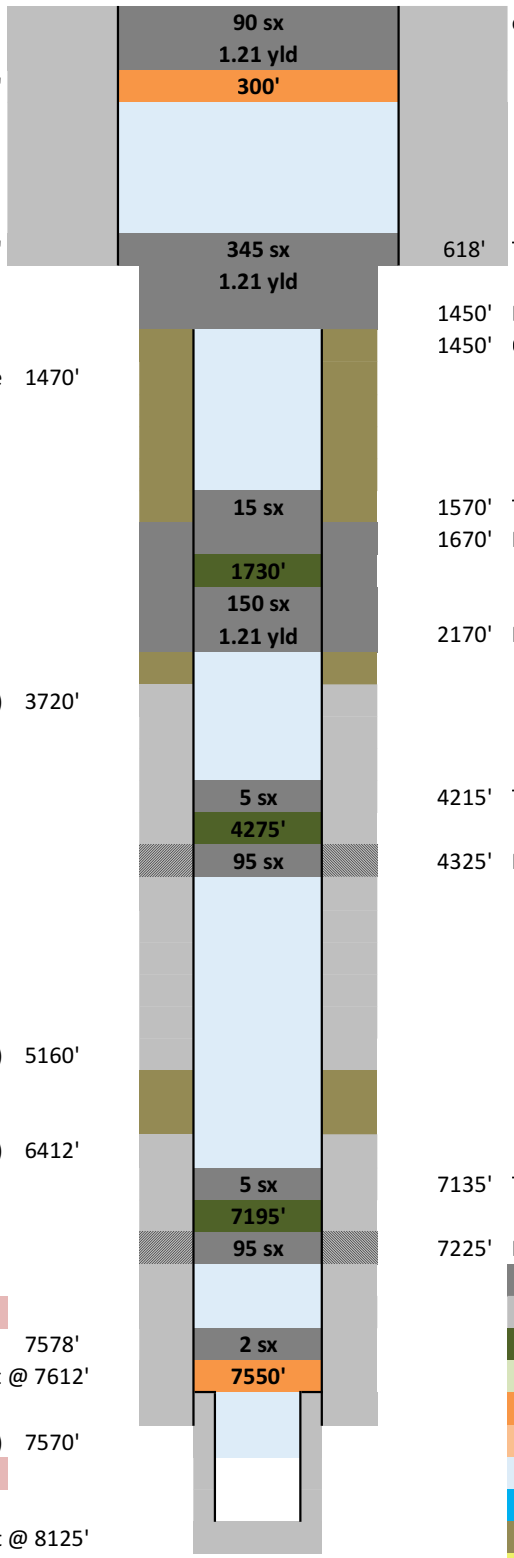
TOC (from CBL) 7570'

J Sand Perfs 7928' - 7970'

35 Sx Cmt

Liner Casing 2-7/8", 6.5#, N-80 set @ 8125'

Hole Size/Depth 3-7/8" / 8145'



618' TOC

1450' BOC
1450' Cut casing

1570' TOC in csg
1670' Perfs/TOC

2170' Perfs/BOC

4215' TOC in csg

4325' Perfs/BOC

7135' TOC in csg

7225' Perfs/BOC

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