API:	**05-123-21137**	**CREATED BY:**	**A.SIMMONS**	**DATE:**	**Feb 15, 2024**
WELL NAME:	**MLEYNEK U 28-10 JI**	**ELEVATION:**	**4995**	**QTRQTR:**	**NWSE**
COUNTY:	**WELD**	**GROUND LEVEL:**	**4985**	**SEC:**	**28**
LATITUDE:	**40.10817**	**MD:**	**8190**	**TWN:**	**2N**
LONGITUDE:	**-105.00585**	**PBMD:**	**8155**	**RNG:**	**68W**

Existing — DATUM: RKB, KB=10' — **Proposed**

Hole Size/Depth 12-1/4" / 558'

Deepest water well in 1 mile - 460'

220 Sx Cmt

Surface Casing 8-5/8", 24#, J-55 set @ 547'

Upper Pierre Aquifer Base 1429'

TOC (from CBL) 3870'

Sussex Productive in 1 mile
Top 4351'
Base 4596'
Shannon Base 4983' - NOT productive in 1 mile

250 Sx Cmt: Stage 2 - DV Tool @ 5153'
BOC (from CBL) 5172'

TOC (from CBL) 7170'

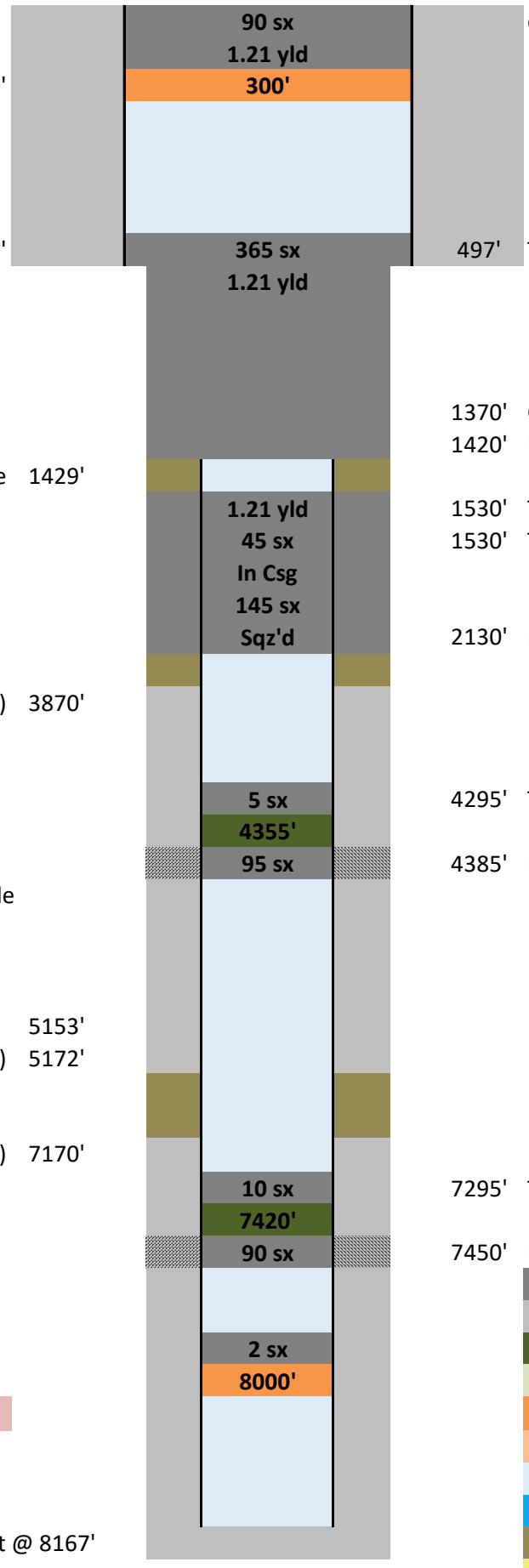
Niobrara Top 7390'

J Sand Perfs 8042' - 8070'

200 Sx Cmt

Production Casing 4-1/2", 11.6#, N-80 set @ 8167'

Hole Size/Depth 7-7/8" / 8190'



90 sx
1.21 yld — cmt to surface

300' — Deepest water well in 1 mile - 460'

365 sx
1.21 yld — 497' TOC

1370' Cut casing
1420' BOC

1530' TOC in csg

1.21 yld
45 sx
In Csg
145 sx
Sqz'd

1530' TOC behind csg
2130' Perfs/BOC

5 sx
4355' — 4295' TOC in csg
95 sx — 4385' Perfs/BOC

10 sx
7420' — 7295' TOC in csg
90 sx — 7450' Perfs/BOC

2 sx
8000'

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