API:	**05-123-24101**	**CREATED BY:**	**G. MACAULEY**	**DATE:**	**Aug 2, 2023**
WELL NAME:	**PEPPLER 31-30**	**ELEVATION:**	**4892**	**QTRQTR:**	**NWNW**
COUNTY:	**WELD**	**GROUND LEVEL:**	**4880**	**SEC:**	**30**
LATITUDE:	**40.202471**	**MD:**	**7440**	**TWN:**	**3N**
LONGITUDE:	**-104.9401086**	**PBMD:**	**7413**	**RNG:**	**67W**

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

Hole Size/Depth 12-1/4" / 733'

Deepest water well in 1 mile - 200'

510 Sx Cmt

Surface Casing 8-5/8", 24#, J-55 set @ 724'

Upper Pierre Aquifer Base 1295'

TOC (from CBL) 3316'

Sussex Productive in 1 mile
Top 4100'
Base '
Shannon Base ' - NOT productive in 1 mile

Niobrara Top 6967'

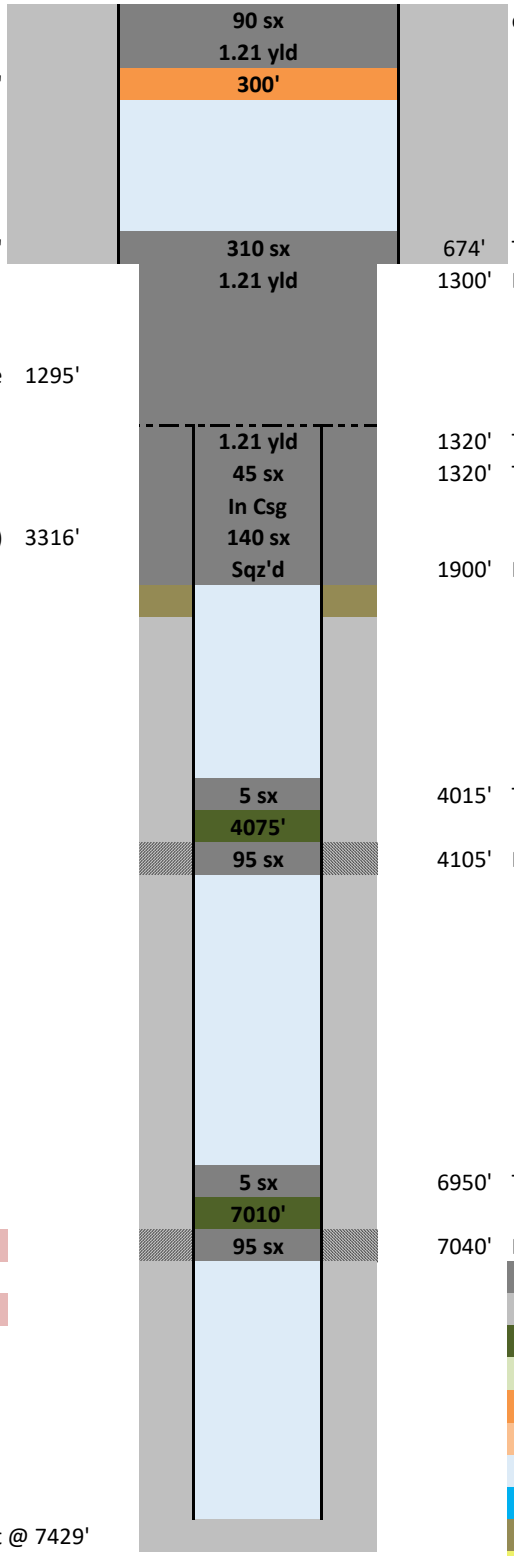
Niobrara Perfs 7040' - 7161'

Codell Perfs 7286' - 7306'

480 Sx Cmt

Production Casing 4-1/2", 11.6#, I-80 set @ 7429'

Hole Size/Depth 7-7/8" / 7440'



674' TOC
1300' BOC/Cut casing
1320' TOC in csg
1320' TOC behind csg
1900' Perfs/BOC
4015' TOC in csg
4105' Perfs/BOC
6950' TOC in csg
7040' Perfs/BOC

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