API:	**05-123-19095**	**CREATED BY:**	**B. Dean**	**DATE:**	**Dec 9, 2022**
WELL NAME:	**HSR-KNOX 15-3**	**ELEVATION:**	**4881**	**QTRQTR:**	**SWSE**
COUNTY:	**WELD**	**GROUND LEVEL:**	**4871**	**SEC:**	**3**
LATITUDE:	**40.423239**	**MD:**	**7339**	**TWN:**	**5N**
LONGITUDE:	**-104.8760921**	**PBMD:**	**7306**	**RNG:**	**67W**

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

Hole Size/Depth 12-1/4" / 650'

Deepest water well in 1 mile - 1170'

445 Sx Cmt

Surface Casing 8-5/8", 24#, J-55 set @ 636'

Upper Pierre Aquifer Base 1207'

Sussex Productive in 1 mile
Top 4039'
Base 4251'

Shannon Base 4680' - NOT productive in 1 mile

TOC (from CBL) not found 6400'

Niobrara Top 6848'

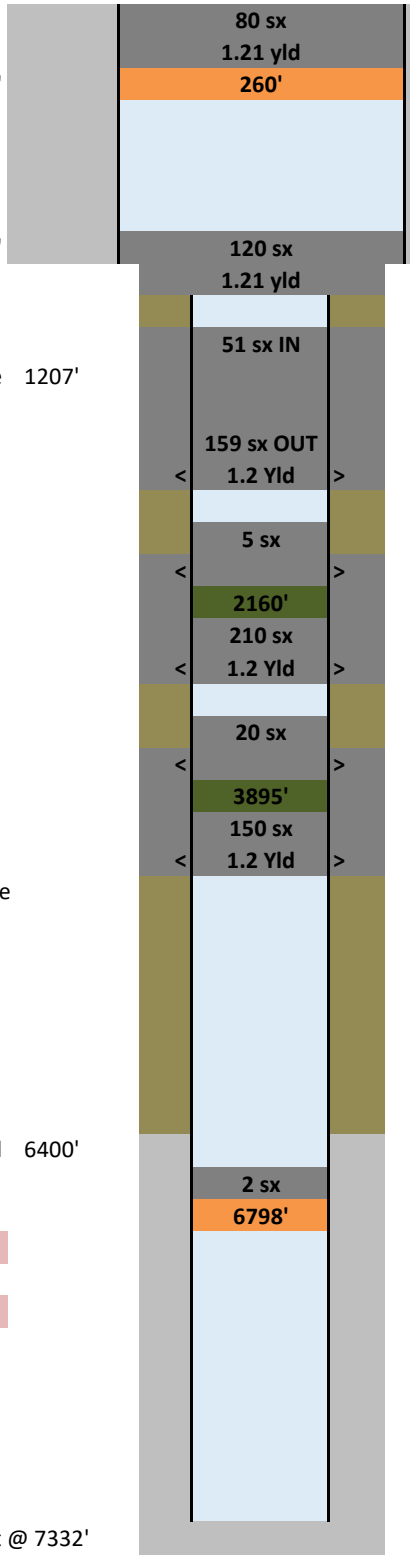
Niobrara Perfs 6855' - 6975

Codell Perfs 7159' - 7169'

165 Sx Cmt

Production Casing 4-1/2", 11.6#, L-80 set @ 7332'

Hole Size/Depth 7-7/8" / 7339'



586'	TOC
736'	BOC/Cut casing
1100'	TOC in csg
1800	Perfs/BOC
2091'	TOC in csg
2100'	Perfs/TOC
2800'	Perfs/BOC
3619'	TOC in csg
3835'	Perfs/TOC
4305'	Perfs/BOC

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