API:	**05-123-19094**	**CREATED BY:**	**B. Dean**	**DATE:**	**Dec 28, 2022**
WELL NAME:	**HSR-KNOX 14-3**	**ELEVATION:**	**4914**	**QTRQTR:**	**SESW**
COUNTY:	**WELD**	**GROUND LEVEL:**	**4904**	**SEC:**	**3**
LATITUDE:	**40.423181**	**MD:**	**7394**	**TWN:**	**5N**
LONGITUDE:	**-104.8820191**	**PBMD:**	**7320**	**RNG:**	**67W**

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

Hole Size/Depth 12-1/4" / 648'

445 Sx Cmt

Surface Casing 8-5/8", 24#, J-55 set @ 633'

Deepest water well in 1 mile - 1170'

Upper Pierre Aquifer Base 1215'

Sussex Productive in 1 mile
Top 4057'
Base 4277'

Shannon Base 4694' - NOT productive in 1 mile

TOC (from CBL) 6330'

Niobrara Top 6864'

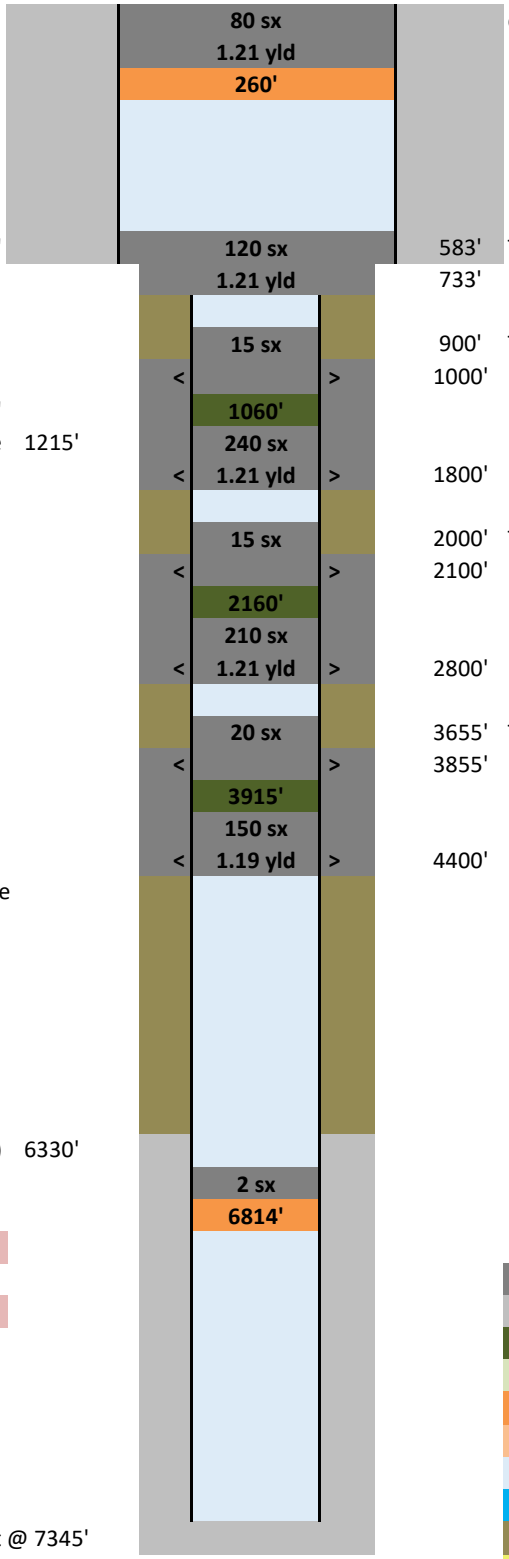
Niobrara Perfs 6869' - 7002'

Codell Perfs 7086' - 7196'

175 Sx Cmt

Production Casing 4-1/2", 11.6#, L-80 set @ 7345'

Hole Size/Depth 7-7/8" / 7394'



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