API:	**05-123-20502**	**CREATED BY:**	**C. MARTIN**	**DATE:**	**Sep 29, 2022**
WELL NAME:	**HSR-REI 3-17A**	**ELEVATION:**	**4912**	**QTRQTR:**	**NENW**
COUNTY:	**WELD**	**GROUND LEVEL:**	**4902**	**SEC:**	**17**
LATITUDE:	**40.2310619**	**MD:**	**7904**	**TWN:**	**3N**
LONGITUDE:	**-104.6904796**	**PBMD:**	**7863**	**RNG:**	**65W**

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

Hole Size/Depth 12-1/4" / 673'

Deepest water well in 1 mile - 378'

465 Sx Cmt

Surface Casing 8-5/8", 24#, J-55 set @ 644'

TOC (from CBL) 3980'

Sussex Productive in 1 mile

Top 4330'

Base 4548'

Shannon Base Absent

105 Sx Cmt

BOC (from CBL) 4946'

TOC (from CBL) 6550'

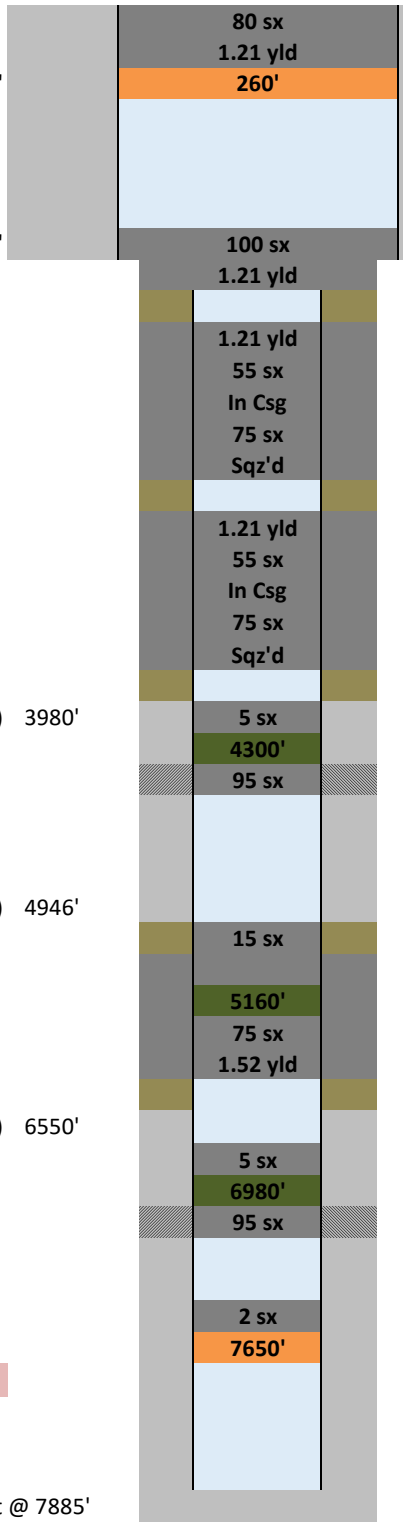
Niobrara Top 7010'

J Sand Perfs 7723' - 7767'

185 Sx Cmt

Production Casing 4-1/2", 11.6#, I-80 set @ 7885'

Hole Size/Depth 6-1/4" / 7904'



594'	TOC
745'	BOC/Cut casing
1100'	TOC in csg
1100'	TOC behind csg
1800'	Perfs/BOC
2100'	TOC in csg
2100'	TOC behind csg
2800'	Perfs/BOC
4240'	TOC in csg
4330'	Perfs/BOC
4900'	TOC in csg
5100'	Perfs/TOC
5600'	Perfs/BOC
6920'	TOC in csg
7010'	Perfs/BOC

cmt to surface

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