API:	**05-123-17064**	**CREATED BY:**	**B. Dean**	**DATE:**	**3/29/2023**
WELL NAME:	**UPRC 19-9J**	**ELEVATION:**	**4942**	**QTRQTR:**	**NESE**
COUNTY:	**WELD**	**GROUND LEVEL:**	**4931**	**SEC:**	**19**
LATITUDE:	**40.20895**	**MD:**	**7470**	**TWN:**	**3N**
LONGITUDE:	**-104.69942**	**PBMD:**	**7411**	**RNG:**	**65W**

Existing — DATUM: RKB, KB=11' — **Proposed**

Hole Size/Depth 12-1/4" / 745'

80 sx
1.21 yld
260'

cmt to surface

Deepest water well in 1 mile - 616'

520 Sx Cmt

Surface Casing **8-5/8", 24#, J-55 set @ 740'**

120 sx
1.21 yld

690' TOC
840' BOC/Cut casing

15 sx

900' TOC in csg
1000' Perfs/TOC

1060'

Upper Pierre Aquifer Base 1692'

240 sx
1.21 yld

1800' Perfs/BOC

15 sx

1900' TOC in csg
2000' Perfs/TOC

2060'
240 sx
1.21 yld

2800' Perfs/BOC

20 sx

3897' TOC in csg
3980' Perfs/TOC

4175'

Sussex Productive in 1 mile
Top 4213'

110 sx
1.19 yld

4230' Perfs/BOC

TOC (from CBL) 4264'

Base 4379'

Shannon Base 4833' - NOT productive in 1 mile

BOC from CBL 5250'

TOC (from CBL) 6636'

2 sx

Niobrara Top 6960'

6910'

Niobrara Perfs 7043' - 7096'

Codell Perfs 7319' - 7327'

150 Sx Cmt

Production Casing **4-1/2", 11.6#, L-80 set @ 7457'**

Hole Size/Depth 7-7/8" / 7470'

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