API:	**05-123-22153**	**CREATED BY:**	**B. Dean**	**DATE:**	**4/1/2023**
WELL NAME:	**UPRC H19-23**	**ELEVATION:**	**4950**	**QTRQTR:**	**NESE**
COUNTY:	**WELD**	**GROUND LEVEL:**	**4934**	**SEC:**	**19**
LATITUDE:	**40.20732**	**MD:**	**7498**	**TWN:**	**3N**
LONGITUDE:	**-104.70079**	**PBMD:**	**7447**	**RNG:**	**65W**

Existing — DATUM: RKB, KB=16' — **Proposed**

Hole Size/Depth 12-1/4" / 795'

80 sx
1.21 yld
260'

cmt to surface

Deepest water well in 1 mile - 740'

297 Sx Cmt

Surface Casing **8-5/8", 24#, J-55 set @ 775'**

120 sx
1.21 yld

725' TOC
875' BOC/Cut casing

15 sx

1000' TOC in csg

< >

1100' Perfs/TOC

Upper Pierre Aquifer Base 1672'

1160'

210 sx
< **1.21 yld** >

1800' Perfs/BOC

15 sx

2000' TOC in csg

< >

2100' Perfs/TOC

2160'

210 sx
< **1.21 yld** >

2800' Perfs/BOC

TOC (from CBL) 3780'

15 sx

4130' TOC in csg

Sussex Productive in 1 mile
Top 4336'
Base 4625'
Shannon Base absent

4276'

< **85 sx** >

4336' Perfs/BOC

170 Sx Cmt: Stage 2 - DV Tool @ 4989'
BOC (from CBL) 4989'

TOC (from CBL) 6750'

2 sx

Niobrara Top 7091'

7045'

Niobrara Perfs 7090' - 7152'

Codell Perfs 7344' - 7358'

120 Sx Cmt

Production Casing 4-1/2", 11.6#, L-80 set @ 7460'
Hole Size/Depth 7-7/8" / 7498'

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