API:	**05-123-22670**	**CREATED BY:**	**K. MILAM**	**DATE:**	**Sep 28, 2022**
WELL NAME:	**WCR PROPERTIES 41-5**	**ELEVATION:**	**4900**	**QTRQTR:**	**NENE**
COUNTY:	**WELD**	**GROUND LEVEL:**	**4888**	**SEC:**	**5**
LATITUDE:	**40.261**	**MD:**	**7828**	**TWN:**	**3N**
LONGITUDE:	**-104.9063**	**PBMD:**	**7780**	**RNG:**	**67W**

Existing | DATUM: RKB | **Proposed**

KB=12'

Hole Size/Depth 12-1/4" / 438'

60 sx — cmt to surface
1.21 yld
200'

Deepest water well in 1 mile - 300'

280 Sx Cmt — **15.8 ppg** — 367' TOC

Surface Casing 8-5/8", 24#, K-55 set @ 417'

185 sx
1.21 yld — 640' BOC/Cut casing

1.21 yld — 1100' TOC in csg
55 sx — 1100' TOC behind csg
In Csg
165 sx
Sqz'd — 1800' Perfs/BOC

1.21 yld — 2100' TOC in csg
55 sx — 2100' TOC behind csg
In Csg
165 sx
Sqz'd — 2800' Perfs/BOC

20 sx — 2950' TOC in csg
3150' Perfs/TOC

3210'
215 sx
1.19 yld — 3850' Perfs/BOC

TOC (from CBL) 3910'

Sussex Productive in 1 mile
Top 4062'
Base 4261'
Shannon Base 4674' - Productive in 1 mile

2 sx
6870'

Niobrara Top 6934'

2 sx
7160'

Codell Perfs 7226' - 7243'

2 sx
7610'

J Sand Perfs 7678' - 7710'

430 Sx Cmt

Production Casing 4-1/2", 11.6#, N-80 set @ 7820'

Hole Size/Depth 7-7/8" / 7828'

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