API:	**05-123-21364**	**CREATED BY:**	**C. MARTIN**	**DATE:**	**Nov 21, 2023**
WELL NAME:	**MCCRUMB FEDERAL 10-17A**	**ELEVATION:**	**4902**	**QTRQTR:**	**NWSE**
COUNTY:	**WELD**	**GROUND LEVEL:**	**4890**	**SEC:**	**17**
LATITUDE:	**40.13676**	**MD:**	**8000**	**TWN:**	**2N**
LONGITUDE:	**-104.79931**	**PBMD:**	**7984**	**RNG:**	**66W**

Existing — DATUM: RKB, KB=12' — **Proposed**

Hole Size/Depth 12-1/4" / 796'

80 sx
1.21 yld — cmt to surface

Deepest water well in 1 mile - 740'

260'

550 Sx Cmt

Surface Casing 8-5/8", 24#, J-55 set @ 786'

120 sx — 736' TOC
1.21 yld — 890' BOC/Cut casing

1.21 yld — 1100' TOC in csg
55 sx — 1100' TOC behind csg
In Csg

Upper Pierre Aquifer Base 1705'

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

TOC (from CBL) 3970'

5 sx — 4305' TOC in csg

Sussex Productive in 1 mile
Top 4395'
Base 4631'

4365'
95 sx — 4395' Perfs/BOC

Shannon Base Absent

280 Sx Cmt: Stage 2 - DV Tool @ 5076'
BOC (from CBL) 5076'

TOC (from CBL) 6739'

2 sx

Niobrara Top 7181'

7100'

2 sx

7780'

J Sand Perfs 7846' - 7875'

185 Sx Cmt

Production Casing 4-1/2", 11.6#, I-80 set @ 7999'

Hole Size/Depth 7-7/8" / 8000'

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