API:	**05-123-20014**	**CREATED BY:**	**K. MCMILLAN**	**DATE:**	**Oct 30, 2024**
WELL NAME:	**WALSH U 24-15 JI**	**ELEVATION:**	**4960**	**QTRQTR:**	**SWSE**
COUNTY:	**WELD**	**GROUND LEVEL:**	**4949**	**SEC:**	**24**
LATITUDE:	**40.118379**	**MD:**	**8281**	**TWN:**	**2N**
LONGITUDE:	**-104.949**	**PBMD:**	**8225**	**RNG:**	**68W**

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

Hole Size/Depth 12-1/4" / 674'

90 sx
1.21 yld
cmt to surface

Deepest water well in 1 mile - 557'

300'

475 Sx Cmt

Surface Casing 8-5/8", 24#, J-55 set @ 674'

330 sx
1.21 yld
624' TOC

1400' Cut casing

1450' BOC

Upper Pierre Aquifer Base 1475'

10 sx
1635' TOC in csg

1700' Perfs/TOC

1760'

155 sx
1.21 yld
2200' Perfs/BOC

TOC (from CBL) 4180'

Sussex Productive in 1 mile
Top 4312'
Base 4572'
Shannon Base 4958' - NOT productive in 1 mile

5 sx
4200' TOC in csg

4262'

95 sx
4312' Perfs/BOC

237 Sx Cmt: Stage 2 - Sqz holes @ 5250'
BOC (from CBL) 5286'

TOC (from CBL) 6914'

5 sx
7160' TOC in csg

Niobrara Top 7270'

7220'

95 sx
7270' Perfs/BOC

2 sx

7900'

J Sand Perfs 7989' - 8030'

280 Sx Cmt

Production Casing 4-1/2", 11.6#, I-80 set @ 8263'
Hole Size/Depth 7-7/8" / 8281'

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