API:	**05-123-21150**	**CREATED BY:**	**C. MARTIN**	**DATE:**	**Feb 4, 2025**
WELL NAME:	**DAVIS P 27-6JI**	**ELEVATION:**	**4820**	**QTRQTR:**	**SENW**
COUNTY:	**WELD**	**GROUND LEVEL:**	**4810**	**SEC:**	**27**
LATITUDE:	**40.198335**	**MD:**	**7863**	**TWN:**	**3N**
LONGITUDE:	**-104.878408**	**PBMD:**	**7826**	**RNG:**	**67W**

Existing — DATUM: RKB, KB=10' — **Proposed**

Hole Size/Depth 12-1/4" / 548'

80 sx
1.21 yld
cmt to surface

Deepest water well in 1 mile - 270'

260'

215 Sx Cmt

Surface Casing 8-5/8", 24#, J-55 set @ 538'

405 sx
1.21 yld
488' TOC

Upper Pierre Aquifer Base 1349'

1350' BOC

1350' Cut casing

1.21 yld
1600' TOC in csg

55 sx
In Csg
1600' TOC behind csg

165 sx
Sqz'd
2300' Perfs/BOC

20 sx
3775' TOC in csg

3975' Perfs/TOC

Sussex NOT productive in 1 mile

4035'

Top 4176'

120 sx

Base 4386'

1.19 yld
4380' Perfs/BOC

TOC (from CBL) 4425'

Shannon Base 4733' - NOT productive in 1 mile

DV Tool 4960'

115 sx cmt BOC (from CBL) 4970'

TOC (from CBL) 6617'

15 sx
6790' TOC in csg

6981'

Niobrara Top 7011'

95 sx
7011' Perfs/BOC

2 sx

7650'

J Sand Perfs 7720' - 7764'

235 Sx Cmt

Production Casing 4-1/2", 11.6#, I-80 set @ 7842'

Hole Size/Depth 7-7/8" / 7863'

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