API:	**05-123-16168**	**CREATED BY:**	**A. SIMMONS**	**DATE:**	**Dec 19, 2023**
WELL NAME:	**CHADIMA 4-14**	**ELEVATION:**	**4931**	**QTRQTR:**	**NWNW**
COUNTY:	**WELD**	**GROUND LEVEL:**	**4921**	**SEC:**	**14**
LATITUDE:	**40.2299898**	**MD:**	**7520**	**TWN:**	**3N**
LONGITUDE:	**-104.7510158**	**PBMD:**	**7481**	**RNG:**	**66W**

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

Hole Size/Depth 12-1/4" / 575'

Deepest water well in 1 mile - 500'

400 Sx Cmt

Surface Casing 8-5/8", 24#, J-55 set @ 561'

Upper Pierre Aquifer Base 1614'

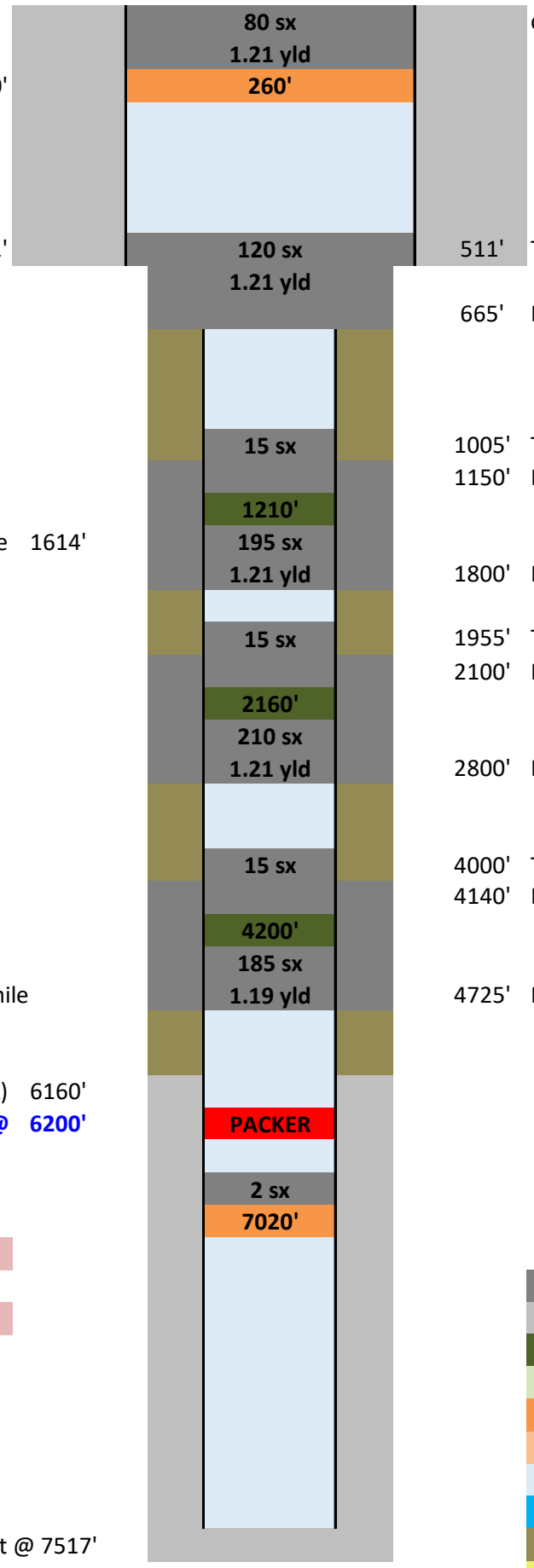
Sussex Productive in 1 mile
Top 4342'
Base 4624'
Shannon Base 5064*' - NOT productive in 1 mile

TOC (from CBL) 6160'
Packer Installed 7/22/2014 @ 6200'

Niobrara Top 7075'
Niobrara Perfs 7075' - 7242'

Codell Perfs 7360' - 7375'

200 Sx Cmt
Production Casing 4-1/2", 11.6#, I-70 set @ 7517'
Hole Size/Depth 7-7/8" / 7520'



511' TOC

665' BOC/Cut csg

1005' TOC in csg
1150' Perfs/TOC

1800' Perfs/BOC

1955' TOC in csg
2100' Perfs/TOC

2800' Perfs/BOC

4000' TOC in csg
4140' Perfs/TOC

4725' Perfs/BOC

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