API:	**05-123-22503**	**CREATED BY:**	**G. MACAULEY**	**DATE:**	**Feb 16, 2024**
WELL NAME:	**BARCLAY 9-14**	**ELEVATION:**	**4907**	**QTRQTR:**	**NESE**
COUNTY:	**WELD**	**GROUND LEVEL:**	**4895**	**SEC:**	**14**
LATITUDE:	**40.1364628**	**MD:**	**8016**	**TWN:**	**2N**
LONGITUDE:	**-104.8509941**	**PBMD:**	**7985**	**RNG:**	**67W**

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

Hole Size/Depth 12-1/4" / 900'

Deepest water well in 1 mile - 600'

640 Sx Cmt

Surface Casing 8-5/8", 24#, J-55 set @ 889'

Upper Pierre Aquifer Base 1618'

TOC (from CBL) 4228'

Sussex Productive in 1 mile
Top 4375'
Base 4581'

Shannon Base Absent

5568'

Niobrara Top 7156'

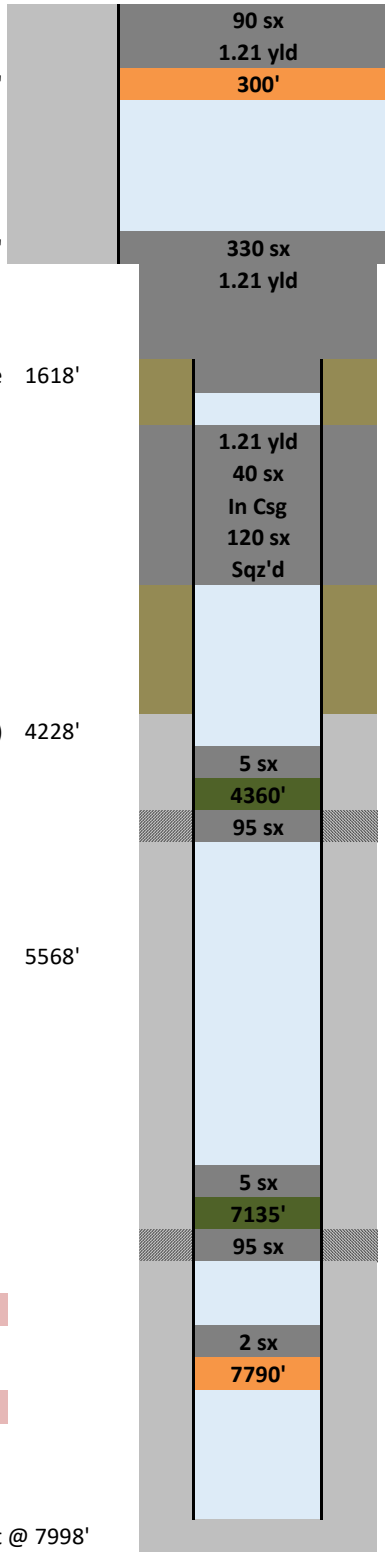
Codell Perfs 7421' - 7438'

J Sand Perfs 7856' - 7900'

960 Sx Cmt

Production Casing 4-1/2", 11.6#, I-80 set @ 7998'

Hole Size/Depth 7-7/8" / 8016'



839' TOC

1500' Cut casing
1550' BOC

1750' TOC in csg
1750' TOC behind csg

2250' Perfs/BOC

4300' TOC in csg

4390' Perfs/BOC

7075' TOC in csg

7165' Perfs/BOC

cmt to surface

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