API:	**05-123-20740**	**CREATED BY:**	**G. MACAULEY**	**DATE:**	**Jan 6, 2025**
WELL NAME:	**SAKATA FEDERAL 8-6A**	**ELEVATION:**	**4854**	**QTRQTR:**	**SENE**
COUNTY:	**WELD**	**GROUND LEVEL:**	**4844**	**SEC:**	**6**
LATITUDE:	**40.168311**	**MD:**	**7931**	**TWN:**	**2N**
LONGITUDE:	**-104.812825**	**PBMD:**	**7868**	**RNG:**	**66W**

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

Hole Size/Depth 12-1/4" / 70'

Deepest water well in 1 mile - 500'

610 Sx Cmt

Surface Casing 8-5/8", 24#, J-55 set @ 760'

Upper Pierre Aquifer Base 1570'

TOC (from CBL) 4070'

Sussex Productive in 1 mile
Top 4310'
Base 4523'
Shannon Base Absent

160 Sx Cmt: Stage 2 - DV Tool @ 4748'
BOC (from CBL) 4745'

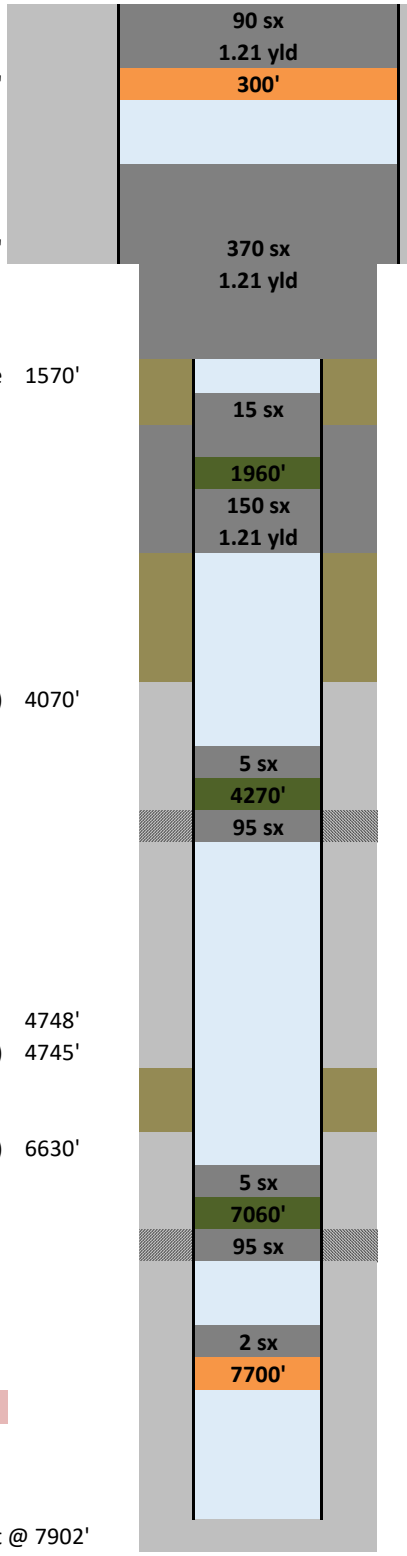
TOC (from CBL) 6630'

Niobrara Top 7080'

J Sand Perfs 7774' - 7838'

200 Sx Cmt

Production Casing 4-1/2", 11.6#, I-80 set @ 7902'
Hole Size/Depth 7-7/8" / 7931'



710' TOC

1500' BOC/Cut casing

1800' TOC in csg

1900' Perfs/TOC

2400' Perfs/BOC

4210' TOC in csg

4320' Perfs/BOC

7000' TOC in csg

7090' Perfs/BOC

cmt to surface

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