API:	**05-123-21934**	**CREATED BY:**	**H. MKRTCHIAN**	**DATE:**	**Jan 18, 2024**
WELL NAME:	**LANCE 7-16**	**ELEVATION:**	**4952**	**QTRQTR:**	**SWNE**
COUNTY:	**WELD**	**GROUND LEVEL:**	**4940**	**SEC:**	**16**
LATITUDE:	**40.1399225**	**MD:**	**7593**	**TWN:**	**2N**
LONGITUDE:	**-104.7800812**	**PBMD:**	**7558**	**RNG:**	**66W**

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

Hole Size/Depth 12-1/4" / 860'

Deepest water well in 1 mile - 860'

610 Sx Cmt

Surface Casing 8-5/8", 24#, J-55 set @ 847'

Upper Pierre Aquifer Base 1790'

TOC (from CBL) 4042'

Sussex Productive in 1 mile
Top 4465'
Base 4705'
Shannon Base Absent

Niobrara Top 7159'

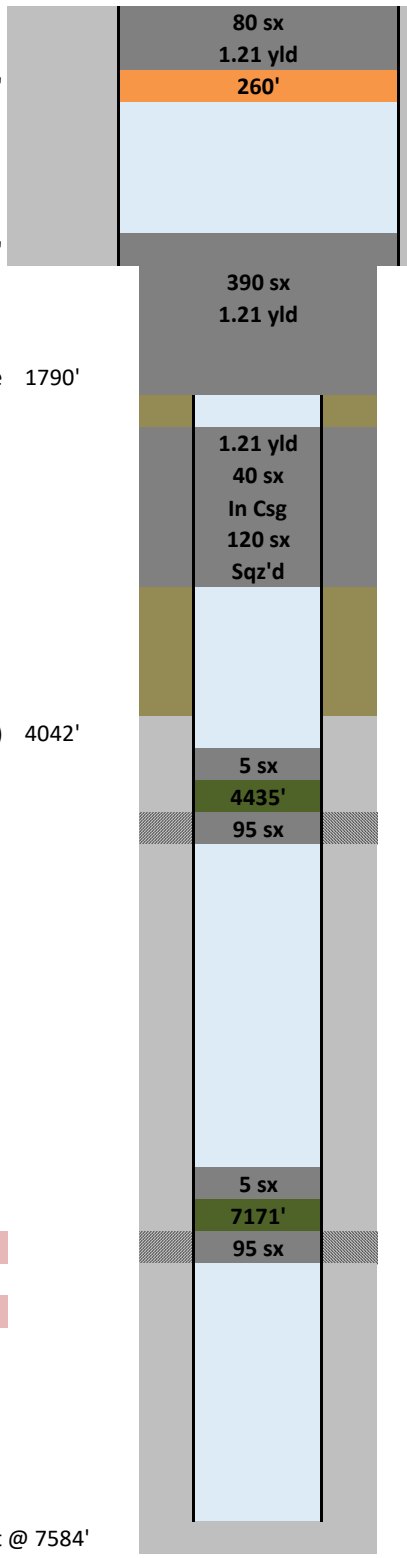
Niobrara Perfs 7201' - 7310'

Codell Perfs 7432' - 7446'

440 Sx Cmt

Production Casing 4-1/2", 11.6#, I-80 set @ 7584'

Hole Size/Depth 7-7/8" / 7593'



cmt to surface

797' TOC

BOC/Cut casing

1900' TOC in csg

1900' TOC behind csg

2400' Perfs/BOC

4375' TOC in csg

4465' Perfs/BOC

7110' TOC in csg

7201' Perfs/BOC

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