API:	**05-123-23847**	**CREATED BY:**	**G. MACAULEY**	**DATE:**	**Dec 28, 2021**
WELL NAME:	**LUDWIG 31-1**	**ELEVATION:**	**4882**	**QTRQTR:**	**NWNW**
COUNTY:	**WELD**	**GROUND LEVEL:**	**4870**	**SEC:**	**1**
LATITUDE:	**40.2588577**	**MD:**	**7570**	**TWN:**	**3N**
LONGITUDE:	**-104.7320361**	**PBMD:**	**7458**	**RNG:**	**66W**

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

Hole Size/Depth 12-1/4" / 635'

Deepest water well in 1 mile - 430'

450 Sx Cmt

Surface Casing 8-5/8", 24#, J-55 set @ 630'

TOC (from CBL) 3950'

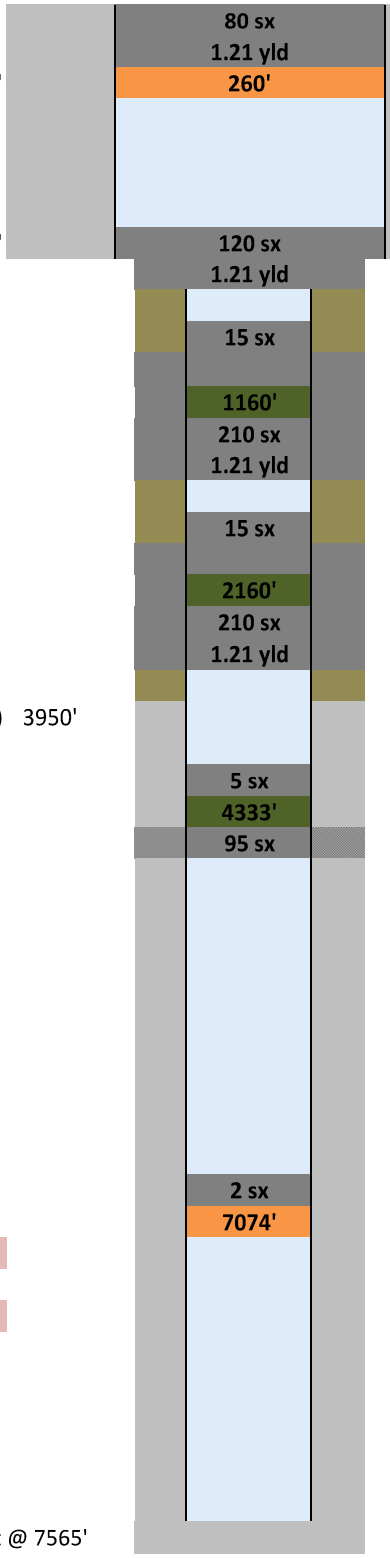
Sussex Productive in 1 mile
Top 4343'
Base 4660'
Shannon Base Absent

Niobrara Top 7124'
Niobrara Perfs 7126' - 7300'

Codell Perfs 7418' - 7434'

450 Sx Cmt

Production Casing 4-1/2", 11.6#, I-80 set @ 7565'
Hole Size/Depth 7-7/8" / 7570'



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