API:	**05-123-19098**	**CREATED BY:**	**C. MARTIN**	**DATE:**	**Jan 31, 2023**
WELL NAME:	**HSR-LEONARD 14-15**	**ELEVATION:**	**5040**	**QTRQTR:**	**SESW**
COUNTY:	**WELD**	**GROUND LEVEL:**	**5030**	**SEC:**	**15**
LATITUDE:	**40.3942496**	**MD:**	**7375**	**TWN:**	**5N**
LONGITUDE:	**-104.8813259**	**PBMD:**	**7313**	**RNG:**	**67W**

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

Hole Size/Depth 12-1/4" / 604'

415 Sx Cmt

Surface Casing 8-5/8", 24#, J-55 set @ 594'

Sussex NOT productive in 1 mile
Top 4198'
Base 4365'
Shannon Base 4807' - NOT productive in 1 mile

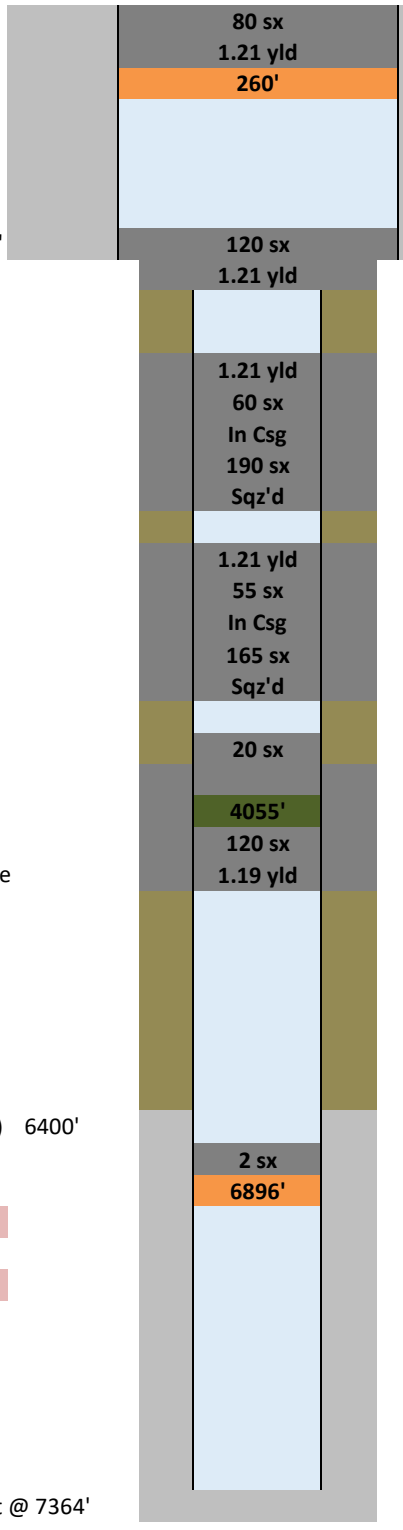
TOC (from CBL) 6400'

Niobrara Top 6946'
Niobrara Perfs 6947' - 7090'

Codell Perfs 7230' - 7239'

140 Sx Cmt

Production Casing 4-1/2", 11.6#, I-70 set @ 7364'
Hole Size/Depth 7-7/8" / 7375'



544' TOC
695' BOC/Cut casing
1000' TOC in csg
1000' TOC behind csg
1800' Perfs/BOC
2100' TOC in csg
2100' TOC behind csg
2800' Perfs/BOC
3795' TOC in csg
3995' Perfs/TOC
4400' Perfs/BOC

cmt to surface

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