API:	**05-123-19097**	**CREATED BY:**	**C. MARTIN**	**DATE:**	**Feb 16, 2023**
WELL NAME:	**HSR-LEONARD 11-15**	**ELEVATION:**	**5027**	**QTRQTR:**	**NESW**
COUNTY:	**WELD**	**GROUND LEVEL:**	**5017**	**SEC:**	**15**
LATITUDE:	**40.3978396**	**MD:**	**7418**	**TWN:**	**5N**
LONGITUDE:	**-104.8814142**	**PBMD:**	**7344**	**RNG:**	**67W**

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

Hole Size/Depth 12-1/4" / 690'

Deepest water well in 1 mile - 275'

475 Sx Cmt

Surface Casing 8-5/8", 24#, J-55 set @ 677'

Sussex NOT productive in 1 mile
Top 4194'
Base 4356'
Shannon Base 4805' - NOT productive in 1 mile

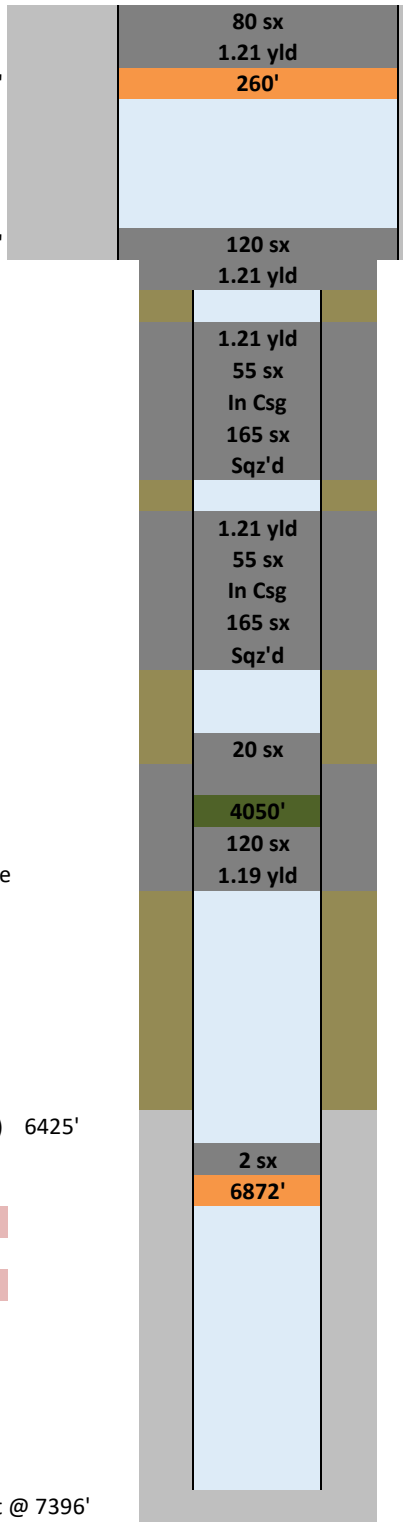
TOC (from CBL) 6425'

Niobrara Top 6922'
Niobrara Perfs 6922' - 7134'

Codell Perfs 7239' - 7249'

145 Sx Cmt

Production Casing 4-1/2", 11.6#, I-80 set @ 7396'
Hole Size/Depth 7-7/8" / 7418'



627' TOC
780' BOC/Cut casing
1100' TOC in csg
1100' TOC behind csg
1800' Perfs/BOC
2100' TOC in csg
2100' TOC behind csg
2800' Perfs/BOC
3790' TOC in csg
3990' Perfs/TOC
4395' Perfs/BOC

cmt to surface

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