API:	**05-123-19104**	**CREATED BY:**	**M. Guerrero**	**DATE:**	**Jun 8, 2021**
WELL NAME:	**HSR-NIES 16-15**	**ELEVATION:**	**4988**	**QTRQTR:**	**SESE**
COUNTY:	**WELD**	**GROUND LEVEL:**	**4978**	**SEC:**	**15**
LATITUDE:	**40.3941919**	**MD:**	**7337**	**TWN:**	**5N**
LONGITUDE:	**-104.872856**	**PBMD:**	**7310**	**RNG:**	**67W**

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

Hole Size/Depth 12-1/4" / 590'

Deepest water well in 1 mile - 0'

410 Sx Cmt

Surface Casing 8-5/8", 24#, J-55 set @ 590'

16 sx
1.15 yld
50' BOC
Cmt to Surface

540' TOC

115 sx
1.23 yld
690' BOC

110 sx
1.23 yld
1300' TOC
1500' BOC

1500' Cut casing

Sussex NOT productive in 1 mile
Top 4105'
Base 4330'
Shannon Base 4739' - NOT productive in 1 mile

TOC (from CBL) 6250'

2 sx
6826'

Niobrara Top 6894'
Niobrara Perfs 6894' - 7000'

Codell Perfs 7191' - 7200'

150 Sx Cmt

Production Casing 4-1/2", 11.6#, I-70 set @ 7332'
Hole Size/Depth 7-7/8" / 7337'

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