API:	**05-123-15819**	**KB ELEVATION:**	**4893**	**QTR-QTR:**	**NWSE**
WELL NAME:	**HSR-WOLF 10-15A**	**GROUND LEVEL:**	**4883**	**SECTION:**	**15**
COUNTY:	**WELD**	**MD:**	**8090**	**TWNSHIP:**	**3N**
LATITUDE:	**40.2227045**	**PBMD:**	**8055**	**RANGE:**	**66W**
LONGITUDE:	**-104.7605083**	**CREATED BY:**	**D. HASZ**		
		DATE:	5/2/2017		

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

Hole Size/Depth: 12 1/4" - 622'

Surface Casing
Casing Size/Depth: 8-5/8", 24#/ft @ 612'

Fox Hills Formation Marker 1066'

Sussex
Top 4325'
Base 4599'
NOT Productive within 1 mile

Shannon Absent
NOT Productive within 1 mile

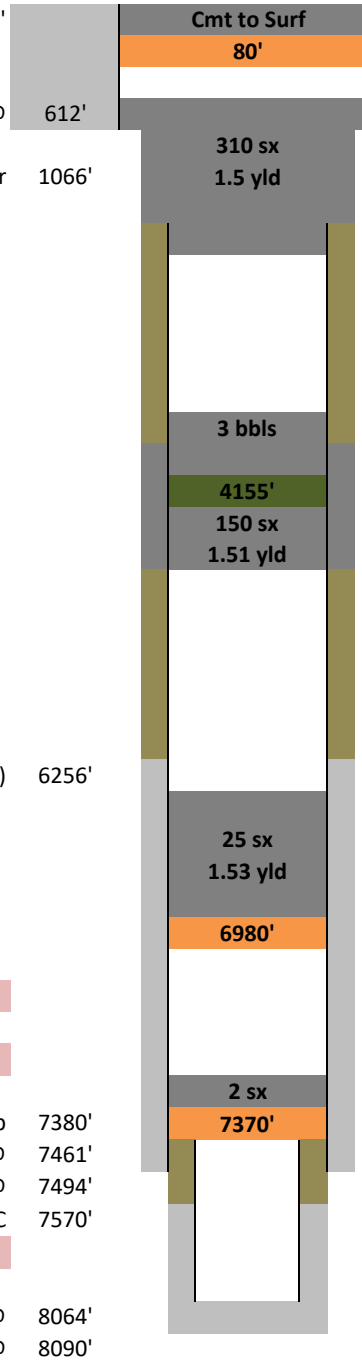
TOC (from CBL) 6256'

Niobrara Top 7044'
Niobrara Perfs 7045' - 7213'

Niobrara Perfs 7336' - 7350'

Production Casing/H
Liner Top 7380'
Casing Size/Depth 4-1/2", 11.6#/ft @ 7461'
Hole Size/Depth 7 7/8" (bit size) @ 7494'
Liner TOC 7570'
J Sand Perfs 7820' - 7858'

Liner/Hole
Casing Size/Depth 2-7/8", 6.5#/ft @ 8064'
Hole Size/Depth 3 7/8" (bit size) @ 8090'



- Existing Cement
- New CICR
- Existing CICR
- New CIBP
- Existing CIBP
- New Cement
- Sand Plug
- Existing Mud