API:	**05-123-22141**	**ELEVATION:**	**4899**	**QTR-QTR:**	**NE NW**
WELL NAME:	**BUTCH 3-19**	**GROUND LEVEL:**	**4887**	**SECTION:**	**19**
COUNTY:	**WELD**	**MD:**	**7390**	**TWNSHIP:**	**3N**
LATITUDE:	**40.2176067**	**PBMD:**	**7369**	**RANGE:**	**67W**
LONGITUDE:	**-104.9355276**	**CREATED BY:**	**K. MILAM**		
		DATE:	7/10/2019		

Existing DATUM: RKB KB=12' **FINAL**

Hole Size/Depth 12-1/4" / 725'

Deepest WW 200'

Surface Casing 8-5/8", 24#/ft set @ 725'

Fox Hills Marker 729'

TOC (from CBL) 3514'

Sussex
Top 4073'
Productive within 1 mile

Shannon 4829'
NOT productive within 1 mile

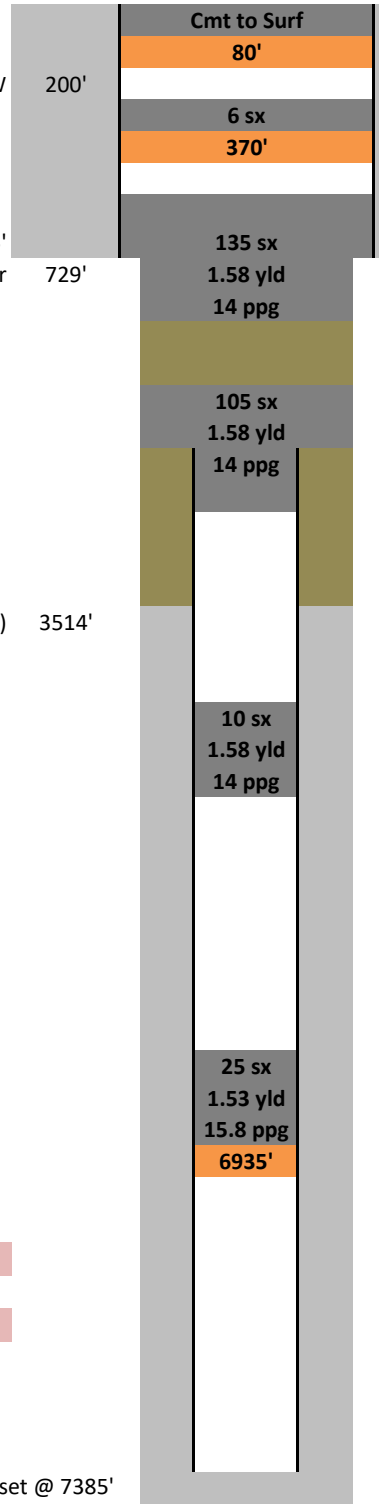
Niobrara Top 7008'

Niobrara Perfs 7014' - 7152'

Codell Perfs 7246' - 7264'

Hole Size/Depth 7-7/8" / 7390'

Production Casing 4-1/2", 11.6#/ft set @ 7385'



375' Tgd TOC

925' BOC inside OH

2262' Est TOC inside OH

2500' Shoot off casing

2550' BOC inside csg

3690' Est TOC inside csg

3870' BOC inside csg

6535' Est TOC inside csg

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