API:	**05-123-20506**	**KB ELEVATION:**	**4829**	**QTR-QTR:**	**SWNW**
WELL NAME:	**STARCK 5-18**	**GROUND LEVEL:**	**4815**	**SECTION:**	**18**
COUNTY:	**WELD**	**MD:**	**7352**	**TWNSHIP:**	**4N**
LATITUDE:	**40.3150406**	**PBMD:**	**7319**	**RANGE:**	**67W**
LONGITUDE:	**-104.9400941**	**CREATED BY:**	**J. DOYLE**		
		DATE:	7/12/2018		

Existing

DATUM: RKB
KB=14'

Proposed

Hole Size/Depth 12-1/4" - 782'

Cmt to Surf
80'

Surface Casing — Fox Hills Formation Marker BP' 725' TOC in S.C.
Casing Size/Depth: 8-5/8", 24#/ft @ 775'

120 sx
1.55 yld

40 sx 925' TOC/BOC in O.H.
1.15 yld 975' Shoot off casing
1075' BOC inside csg

3 bbl 3580' TOC inside csg
3740' Top Sq Perfs

Sussex
Top 3940'
Base 4150'
NOT Productive within 1 mile

3800'
110 sx
1.79 yld 4140' Bot Sq Perfs

Shannon 4600'
NOT Productive within 1 mile

TOC (from CBL) 6135' 6400' TOC inside csg

25 sx
1.53 yld

Niobrara Top 6848'
Niobrara Perfs 6853'-6960'
Codell Perfs 7189'-7209'

6800'

Production Casing/Hole
Casing Size/Depth 4-1/2", 11.6#/ft @ 7352'
Hole Size/Depth 7-7/8" (bit size) @ 7352'

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