API:	**05-123-30438**	**ELEVATION:**	**4925**	**QTR-QTR:**	**SWNE**
WELL NAME:	**ADLER 21-33**	**GROUND LEVEL:**	**4910**	**SECTION:**	**33**
COUNTY:	**WELD**	**MD:**	**7413**	**TWNSHIP:**	**3N**
LATITUDE:	**40.1849409**	**PBMD:**	**7361**	**RANGE:**	**68W**
LONGITUDE:	**-105.0044504**	**CREATED BY:**	**D. HASZ**		
		DATE:	9/25/2017		

Existing

DATUM: RKB
KB=15'

Proposed

Hole Size/Depth 12 1/4" - 940'

Cmt to Surf
80'

470' TOC in S.C.

Surface Casing

520' Shoot off casing

Casing Size/Depth: 8-5/8", 24#/ft @ 927'

TOC (from CBL)* 940'

Fox Hills Formation Marker BP'

80 sx
1.5 yld

1030' BOC inside csg

2 sx
3785'

Sussex
Top 3986'
Base 4175'
NOT productive within 1 mile

Shannon 4604'
NOT productive within 1 mile

6530' TOC inside csg

25 sx
1.53 yld

6930'

Niobrara Top 6976'

Niobrara Perfs 6986' - 7125'

Codell Perfs 7248' - 7268'

Production Casing/Hole

Casing Size/Depth 4-1/2", 11.6#/ft @ 7397'

Hole Size/Depth 7 7/8" (bit size) @ 7413'

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

*Cement stringers from TOC to 520'