API:	**05-123-25788**	**ELEVATION:**	**4954**	**QTR-QTR:**	**SWNE**
WELL NAME:	**WATERFRONT 21-34**	**GROUND LEVEL:**	**4939**	**SECTION:**	**34**
COUNTY:	**WELD**	**MD:**	**7470**	**TWNSHIP:**	**3N**
LATITUDE:	**40.1856256**	**PBMD:**	**7428**	**RANGE:**	**68W**
LONGITUDE:	**-104.9850475**	**CREATED BY:**	**D. HASZ**		
		DATE:	3/16/2017		

Existing

DATUM: RKB
KB=15'

Proposed

Hole Size/Depth 12 1/4" - 915'

Fox Hills Formation Marker BP'

Surface Casing

Casing Size/Depth: 8 5/8, 24#/ft @ 905'

Cmt to Surf
80'

855' TOC in S.C.

90 sx
1.5 yld

1005' Shoot off casing
1105' BOC inside csg

TOC (from CBL) 2558'

2 sx
3930'

Sussex
Top 4130'
Base 4325'
NOT productive within 1 mile

Shannon 4758'
NOT productive within 1 mile

6600' TOC inside csg

25 sx
1.53 yld

7000'

Niobrara Top 7071'
Niobrara Perfs 7078' - 7204'

Codell Perfs 7329' - 7349'

Production Casing/Hole
Casing Size/Depth 4 1/2'' x 11.6#/ft @ 7458'
Hole Size/Depth 6 1/8" (bit size) @ 7470'

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