API:	**05-123-23948**	**ELEVATION:**	**5046**	**QTR-QTR:**	**SWNE**
WELL NAME:	**BALLANTYNE 32-1**	**GROUND LEVEL:**	**5033**	**SECTION:**	**1**
COUNTY:	**WELD**	**MD:**	**8054**	**TWNSHIP:**	**1N**
LATITUDE:	**40.082568**	**PBMD:**	**8023**	**RANGE:**	**66W**
LONGITUDE:	**-104.722487**	**CREATED BY:**	**D. HASZ**		
		DATE:	10/3/2017		

Existing

DATUM: RKB
KB=13'

Proposed

Hole Size/Depth 12 1/4" - 1138'

<u>Surface Casing</u>

Casing Size/Depth: 8-5/8", 24#/ft @* 1125'

Fox Hills Formation Marker 1522'

TOC (from CBL) 3729'

Sussex
Top 4524'
Base 4746'
Productive within 1 mile

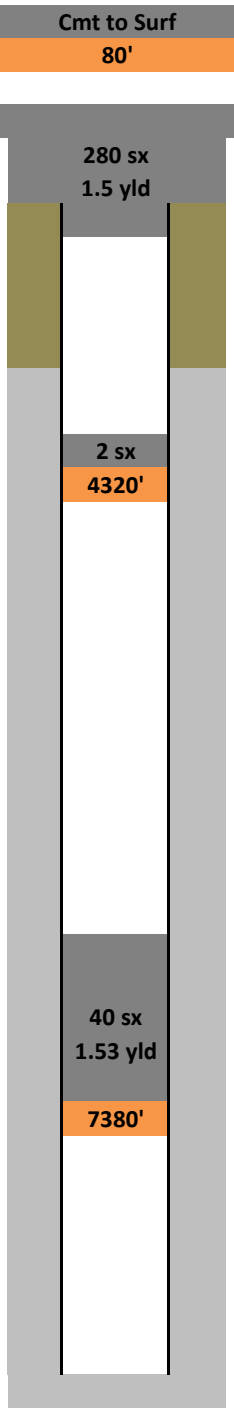
Shannon Absent
NOT productive within 1 mile

Niobrara Top 7108'

Codell Perfs 7436' - 7450'

<u>Production Casing/Hole</u>

Casing Size/Depth 4-1/2", 11.6#/ft @ 8039'
Hole Size/Depth 7 7/8" (bit size) @ 8054'



1075' TOC in S.C.

1625' Shoot off casing
1725' BOC inside csg

6705' TOC inside csg

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

*Note: Drilling reports indicate Surface Hole was drilled to 1138' and surface casing was run to 1125' rather than the depths reported on original Form 5.