API:	**05-123-24151**	**ELEVATION:**	**4924**	**QTR-QTR:**	**SWSE**
WELL NAME:	**LDS 23-24**	**GROUND LEVEL:**	**4910**	**SECTION:**	**24**
COUNTY:	**WELD**	**MD:**	**7570**	**TWNSHIP:**	**3N**
LATITUDE:	**40.2061404**	**PBMD:**	**7549**	**RANGE:**	**68W**
LONGITUDE:	**-104.9494665**	**CREATED BY:**	**C. MARTIN**		
		DATE:	7/9/2018		

Existing

DATUM: RKB
KB=14'

Proposed

Hole Size/Depth 12-1/4" - 780'

Cmt to Surf
80'

Surface Casing

720' TOC in S.C.

Casing Size/Depth: 8-5/8", 24#/ft @ 770'

100 sx
1.55 yld

Fox Hills Formation Marker BP'

870' Shoot off casing
970' BOC inside csg

TOC (from CBL) 3424'

2 sx
3970'

Sussex
Top 4178'
Base 4330'
NOT productive within 1 mile

Shannon 4730'
NOT productive within 1 mile

6690' TOC inside csg

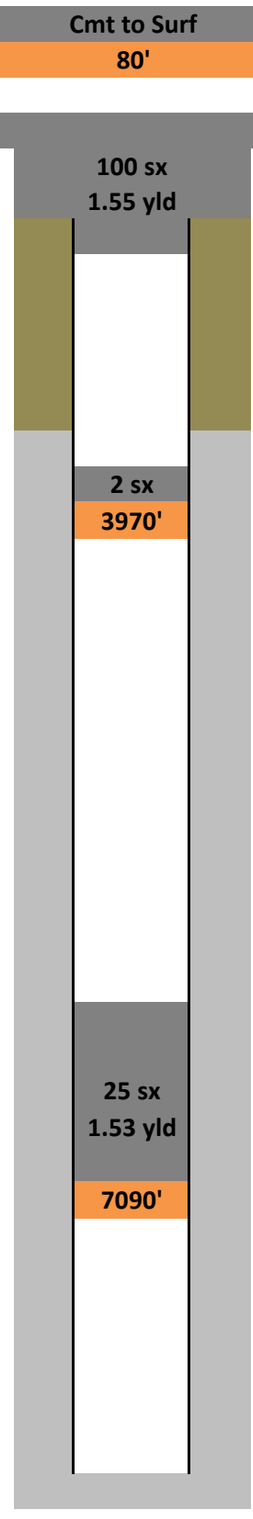
25 sx
1.53 yld

Niobrara Top 7165'

7090'

Niobrara Perfs 7184' - 7276'
Codell Perfs 7412' - 7432'

Production Casing/Hole
Casing Size/Depth 4-1/2", 11.6#/ft @ 7565'
Hole Size/Depth 7-7/8" (bit size) @ 7570'



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