API:	**05-123-18137**	**KB ELEVATION:**	**4789**	**QTR-QTR:**	**SESE**
WELL NAME:	**HSR-B/R D 16-20**	**GROUND LEVEL:**	**4779**	**SECTION:**	**20**
COUNTY:	**WELD**	**MD:**	**7244**	**TWNSHIP:**	**3N**
LATITUDE:	**40.2064113**	**PBMD:**	**7194**	**RANGE:**	**67W**
LONGITUDE:	**-104.9073922**	**CREATED BY:**	**D. HASZ**		
		DATE:	10/12/2017		

Existing | DATUM: RKB, KB=10' | **Proposed**

Hole Size/Depth 12 1/4" - 580'

Cmt to Surf
80'

Surface Casing

525' TOC in S.C.

Casing Size/Depth: 8-5/8", 24#/ft @ 575'

210 sx
1.16 yld

Fox Hills Formation Marker 704'

805' Shoot off casing
905' BOC inside csg

3 bbls

3625' TOC inside csg
3785' Top Sq Perfs

Sussex
Top 3989'
Base 4211'

3815'
135 sx
1.51 yld

4190' Bot Sq Perfs

NOT Productive within 1 mile

Shannon 4576'

NOT Productive within 1 mile

TOC (from CBL) 5880'

6360' TOC inside csg

25 sx
1.53 yld

6760'

Niobrara Top 6811'

Niobrara Perfs 6816' - 6962'

Codell Perfs 7086' - 7106'

Production Casing/Hole

Casing Size/Depth 4-1/2", 11.6#/ft @ 7239'

Hole Size/Depth 7 7/8" (bit size) @ 7244'

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