API:	**05-123-19952**	**KB ELEVATION:**	**4921**	**QTR-QTR:**	**SWSW**
WELL NAME:	**HSR-SCHMIDT 13-33A**	**GROUND LEVEL:**	**4909**	**SECTION:**	**33**
COUNTY:	**WELD**	**MD:**	**7973**	**TWNSHIP:**	**3N**
LATITUDE:	**40.176283**	**PBMD:**	**7940**	**RANGE:**	**66W**
LONGITUDE:	**-104.789583**	**CREATED BY:**	**E. HUNT**		
		DATE:	9/14/2016		

Existing | DATUM: RKB, KB=12' | **Proposed**

Hole Size/Depth: 12 1/4" - 672'

Surface Casing

Deepest water well in 1 mile: 580'

Casing Size/Depth: 8 5/8, 24#/ft @ 662'

Fox Hills Formation Marker: 1153'

Sussex
Top: 4384'
Base: 4625'
Productive within 1 mile

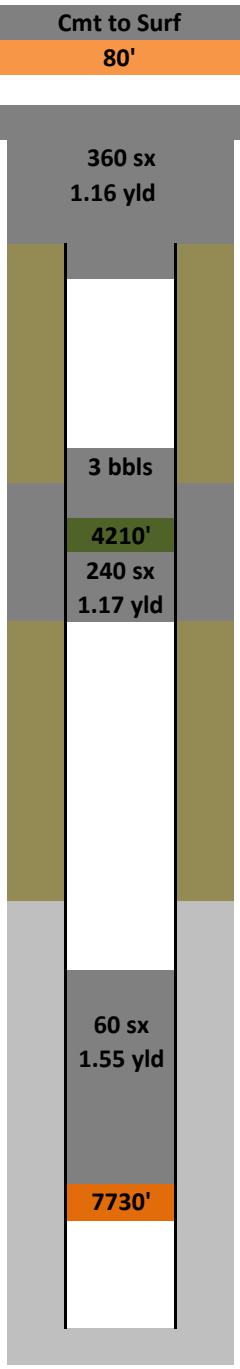
Shannon: Absent
NOT Productive within 1 mile

OH TOC (from CBL): 6340'

Niobrara Top: 7128'

J Sand Perfs: 7828' - 7874'

Production Casing/Hole
Casing Size/Depth: 4 1/2" x 11.6#/ft @ 7967'
Hole Size/Depth: 7 7/8" (bit size) @ 7973'



612' TOC

1275' Shoot off casing

1375' BOC inside csg

4020' TOC in casing

4180' Top Sq Perfs

4675' Bot Sq Perfs

6730' TOC inside casing

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