API:	**05-123-18092**	**KB ELEVATION:**	**4857'**	**QTR-QTR:**	**NE SE**
WELL NAME:	**HSR-JOHN TUTTLE 9-7A**	**GROUND LEVEL:**	**4847'**	**SECTION:**	**7**
COUNTY:	**WELD**	**MD:**	**7950'**	**TWNSHIP:**	**3N**
LATITUDE:	**40.23697**	**PBMD:**	**7918'**	**RANGE:**	**66W**
LONGITUDE:	**-104.81276**	**CREATED BY:**	**S. RIEBE**		
		DATE:	12/16/2016		

EXISTING **PROPOSED**

DATUM: RKB
KB=10'

Surface Casing
Hole Size/Depth 12 1/4" - 540'

Casing Size/Depth: 8-5/8", 23#/ft @ 527'

Fox Hills Marker 951'

Sussex Top 4271'

Sussex Base 4503'
NOT productive within 1 mile

Shannon Base 4917'
NOT productive within 1 mile

TOC (from CBL) 6117'

Niobrara Top 7053

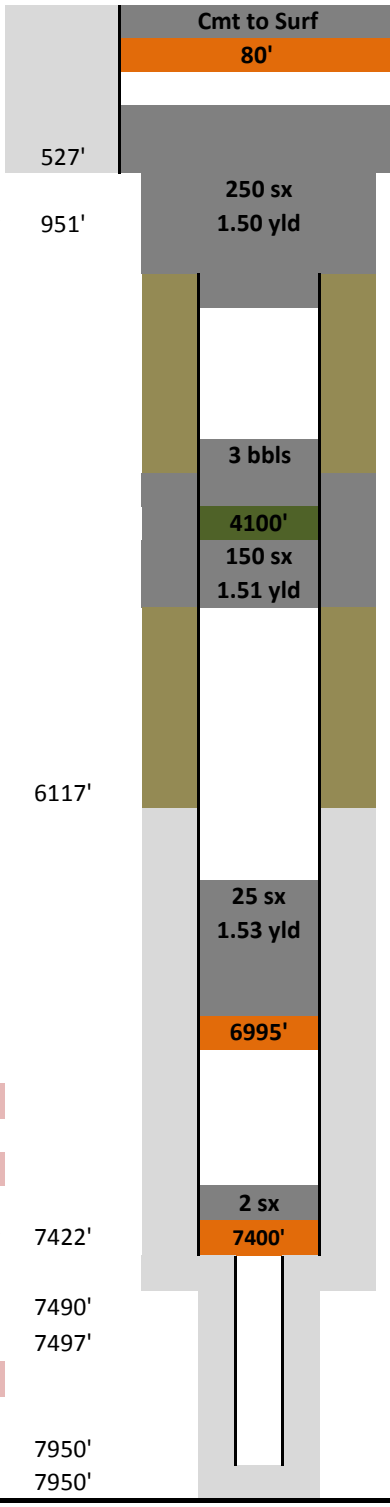
Niobrara Perfs 7074'-7124'

Codell Perfs 7346'-7355'

Top of Liner 7422'

Production Casing/Hole
Casing Size/Depth 4 1/2'' x 11.6#/ft @ 7490'
Hole Size/Depth 7 7/8" (bit size) @ 7497'
J Sand Perfs 7786'-7856'

Deepening: 2 3/8" x 6.5#/ft @ 7950'
3 7/8" (bit size) @ 7950'



477' TOC in casing
1050' Shoot off casing
1150' BOC inside casing
3907' TOC in casing
4070' Top sq perfs
4470' Bot sq perfs
6595' TOC in casing

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