

API:	05-123-21037	KB ELEVATION:	4993'	QTR-QTR:	SESE
WELL NAME:	Frederick 9-27A	GROUND LEVEL:	4980'	SECTION:	27
COUNTY:	WELD	MD:	8430'	TWNSHIP:	2N
LATITUDE:	40.1054	PBMD:	8393'	RANGE:	68W
LONGITUDE:	-105.9845	CREATED BY:	Ryan Hollinshead		
		DATE:	12/15/2015		

EXISTING			PROPOSED		
			DATUM: RKB KB=13'		
Hole Size/Depth	12 1/4" - 801'		Cmt to Surf		
<u>Surface Casing</u>			80'		
Casing Size/Depth: 8 5/8, 24#/ft @	812'		230 sx 1.33 yld	600'	TOC inside csg
Fox Hills Formation Marker	968'				
				1070'	Shoot off casing
				1170'	BOC inside csg
OH TOC (from CBL)	3000'				
Sussex	No perfs		100 sx 1.15 yld	4330'	TOC inside csg
Top	4538'				
Sussex IS Productive within 1 mile					
Shannon	No perfs				
Base	5201'				
Shannon IS Productive within 1 mile					
DV Tool/OH BOC	5548'			5600'	BOC inside csg
OH TOC (from CBL)	7300'			7150'	TOC inside csg
Niobrara Top	7555'		70 sx 1.51 yld		
			8230'		
J Sand Perfs	8276' - 8310'				
Production Casing/Hole					
Casing Size/Depth	4 1/2" x 11.6#/ft @	8426'			
Hole Size/Depth	7 7/8" (bit size) @	8430'			

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