

API:	05-123-22238	ELEVATION:	5026	QTRQTR:	SWSW
WELL NAME:	FREDERICKS 13-27X	GROUND LEVEL:	5010	SEC:	27
COUNTY:	WELD	MD:	8265	TWN:	2N
LATITUDE:	40.1037988	PBMD:	8225	RNG:	68W
LONGITUDE:	-104.9970275	CREATED BY:	K. MILAM		
		DATE:	October 10, 2019		

Existing	DATUM: RKB KB=16'	Proposed
Hole Size/Depth 12-1/4" / 865'	50 sx 1.15 yld	150' Cmt to Surface BOC
Deepest water well in 1 mile - 460'		
600 Sx Cmt		
Surface Casing 8-5/8", 24#/ft set @ 855'	90 sx 1.55 yld	805' TOC 955' BOC
	50 sx 1.55 yld	2392' TOC 2500' Cut casing 2550' BOC
	10 sx 12 ppg 4290'	4100' TOC inside csg 4230' Top Sq Perfs
	20 sx 1.79 yld	4330' Bot Sq Perfs
TOC (from CBL) 4361'		
Sussex Productive in 1 mile		
Top 4436'		
Base 4590'		
Shannon Base 5012' - Productive in 1 mile		
	25 sx 1.53 yld 15.8 ppg 7360'	6960' TOC
Niobrara Top 7434'		
Niobrara Perfs 7436' - 7580'		
Codell Perfs 7674' - 7693'		
J Sand Perfs 8098' - 8136'		
	2 sx 7840'	
	7900'	
	SAND	
	PLUG	
770 Sx Cmt		
Production Casing 4-1/2", 11.6#/ft set @ 8255'		
Hole Size/Depth 7-7/8" / 8265'		

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