

API:	05-123-23449	KB ELEVATION:	4856	QTR-QTR:	NWNW
WELL NAME:	NYGREN 4-19	GROUND LEVEL:	4840	SECTION:	19
COUNTY:	WELD	MD:	7370	TOWNSHIP:	4N
LATITUDE:	40.3052141	PBMD:	7318	RANGE:	67W
LONGITUDE:	-104.9400439	CREATED BY:	C. MARTIN		
		DATE:	5/18/2018		

Existing			DATUM: RKB KB=16'		Proposed	
Hole Size/Depth	12-1/4" - 990'			<b>Cmt to Surf</b>		
				<b>80'</b>		
<u>Surface Casing</u>					923'	TOC in S.C.
Casing Size/Depth: 8-5/8", 24#/ft @		973'				
				<b>140 sx</b>		
				<b>1.15 yld</b>		
Fox Hills Formation Marker		BP'				
					1075'	Shoot off casing
					1175'	BOC inside csg
				<b>3 bbl</b>	2430'	TOC inside csg
					2590'	Top Sq Perfs
				<b>2620'</b>		
				<b>110 sx</b>		
				<b>1.79 yld</b>		
					2990'	Bot Sq Perfs
TOC (from CBL)	3017'					
				<b>2 sx</b>		
Sussex				<b>3800'</b>		
Top	4013'					
Base	4217'					
NOT Productive within 1 mile						
Shannon	4653'					
NOT Productive within 1 mile						
					6490'	TOC inside csg
				<b>50 sx</b>		
				<b>1.53 yld</b>		
Niobrara Top	6891'					
				<b>7280'</b>		
Codell Perfs	7208' - 7228'					
<u>Production Casing/Hole</u>						
Casing Size/Depth	4-1/2", 11.6#/ft @	7341'				
Hole Size/Depth	7-7/8" (bit size) @	7370'				