

API:	05-123-27038	ELEVATION:	4863	QTR-QTR:	SWSE
WELL NAME:	PIONEER 16-11	GROUND LEVEL:	4883	SECTION:	11
COUNTY:	WELD	MD:	7492	TWNSHIP:	2N
LATITUDE:	40.1476353	PBMD:	7452	RANGE:	65W
LONGITUDE:	-104.6283875	CREATED BY:	C. MARTIN		
		DATE:	5/18/2018		

Existing		DATUM: RKB KB=-20'		Proposed	
Hole Size/Depth	12-1/4" - 576'		Cmt to Surf		
			80'		
<u>Surface Casing</u>				772'	TOC in S.C.
Casing Size/Depth: 8-5/8", 24#/ft @	822'				
			400 sx		
			1.15 yld		
Fox Hills Formation Marker	1264'			1365'	Shoot off casing
				1465'	BOC inside csg
			3 bbl	2370'	TOC inside csg
				2530'	Top Sq Perfs
			2560'		
			110 sx		
			1.79 yld	2930'	Bot Sq Perfs
TOC (from CBL)	2960'				
			2 sx		
			4170'		
Sussex					
Top	4378'				
Base	4706'				
Productive within 1 mile					
Shannon	Absent				
NOT productive within 1 mile					
				6600'	TOC inside csg
			25 sx		
			1.53 yld		
Niobrara Top	7026'				
Niobrara Perfs	7084' - 7191'		7000'		
Codell Perfs	7325' - 7344'				
<u>Production Casing/Hole</u>					
Casing Size/Depth	4-1/2", 11.6#/ft @	7482'			
Hole Size/Depth	7-7/8" (bit size) @	7492'			

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