

API:	05-123-11384	KB ELEVATION:	4818	QTR-QTR: SENW
WELL NAME:	WARREN CHADBURN TRUE 1	GROUND LEVEL:	4805	SECTION: 29
COUNTY:	WELD	MD:	7796	TWNSHIP: 3N
LATITUDE:	40.1999929	PBMD:	7751	RANGE: 67W
LONGITUDE:	-104.9180437	CREATED BY:	D. HASZ	
		DATE:	9/28/2017	

Existing		DATUM: RKB KB=13'		Proposed	
Hole Size/Depth	12 1/4" - 665'		To Surf.		
			80'		
<u>Surface Casing</u>				604'	TOC in S.C.
Casing Size/Depth: 9-5/8", 36#/ft @	654'				
Squeeze Holes / BOC (est.)	700'		30 sx		
Fox Hills Formation Marker	732'		1.16 yld	800'	Top Sq Perfs
			830'		
			155 sx		
			1.16 yld	1200'	Bot Sq Perfs
			3 bbls	3480'	TOC inside csg
				3650'	Top Sq Perfs
			3680'		
Sussex			170 sx		
Top	4028'		1.16 yld	4050'	Bot Sq Perfs
	TOC (est)	4100'			
Base	4241'				
NOT Productive within 1 mile					
Shannon	4609'				
NOT Productive within 1 mile					
				6495'	TOC inside csg
			65 sx		
			1.53 yld		
Niobrara Top	6897'				
			7540'		
J Sand Perfs	7592' - 7640'				
<u>Production Casing/Hole</u>					
Casing Size/Depth	4-1/2", 11.6#/ft @	7795'			
Hole Size/Depth	7 7/8" (bit size) @	7796'			

Legend:

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