

API:	05-123-16938	ELEVATION:	4878	QTR-QTR:	SWNW
WELL NAME:	UPRC 15-13K	GROUND LEVEL:	4867	SECTION:	15
COUNTY:	WELD	MD:	8938	TWNSHIP:	3N
LATITUDE:	40.2262806	PBMD:	8875	RANGE:	66W
LONGITUDE:	-104.7720073	CREATED BY:	D. HASZ		
		DATE:	10/10/2017		

Existing		DATUM: RKB KB=11'		Proposed	
Hole Size/Depth	12 1/4" - 695'		Cmt to Surf		
			80'		
	TOC (from CBL)	514'		300'	TOC in S.C.
				350'	Shoot off casing
Surface Casing					
Casing Size/Depth: 8-5/8", 24#/ft @	694'		130 sx		
Fox Hills Formation Marker	1032'		1.16 yld		
Squeeze Holes / BOC (from CBL)	1110' / 1120'			1135'	BOC inside csg
	TOC (from CBL)	1344'			
Squeeze Holes / BOC (from CBL)	1490' / 1496'				
			3 bbl	3440'	TOC inside csg
			3630'	3600'	Top Sq Perfs
			175 sx		
			1.16 yld	4000'	Bot Sq Perfs
	TOC (from CBL)	4190'			
			2 sx		
Sussex			4280'		
Top	4483'				
Base	4848'				
NOT productive within 1 mile					
Shannon	Absent				
Squeeze Holes / BOC (est)*	5030'				
	TOC (from CBL)	6700'			
			25 sx	7410'	TOC inside csg
			1.53 yld		
			7810'		
Niobrara Top	7857'				
Niobrara Perfs	7863' - 8030'				
Codell Perfs	8152' - 8166'				
			2 sx		
			8205'		
	Liner Top / Liner TOC (from CBL)	8214'			
Production Casing/Hole					
Casing Size/Depth	4-1/2", 11.6#/ft @	8304'			
Hole Size/Depth	7 7/8" (bit size) @	8305'			
J Sand Perfs	8652' - 8680'				
Production Casing/Hole					
Casing Size/Depth	2-7/8", 6.5#/ft @	8938'			
Hole Size/Depth	3 7/8" (bit size) @	8938'			

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

\*CBL only run to 4765'. Good cement to log bottom.