

API:	05-123-11055	ELEVATION:	4897	QTR-QTR:	SWSE
WELL NAME:	UPRR 38 PA O TRUE 2	GROUND LEVEL:	4882	SECTION:	5
COUNTY:	WELD	MD:	7858	TWNSHIP:	2N
LATITUDE:	40.1633986	PBMD:	7774	RANGE:	65W
LONGITUDE:	-104.6834394	CREATED BY:	C. MARTIN		
		DATE:	4/13/2020		

Existing		DATUM: RKB KB=15'		FINAL	
<u>Hole Size/Depth</u>	12-1/4" - 780'			Surf	TOC
			140 sx 1.16 yld 15.8 ppg	250'	csg punches/BOC
TOC (latest CBL)	254'			410'	Est TOC in csg
<u>Surface Casing</u>	water well in 1 mile	640'	40 sx 1.22 yld 15.8 ppg		
Casing Size/Depth: 9-5/8", 36#/ft @	778'		785'		
**110 sx 1.22 yld 15.8 ppg pumped in deep perms 750'-790' Drilled out totally in csg		**		**	790' Deep perms *drilled out all of 100sx job
					830' Deep perms (WL off)
BOC (latest CBL)	1670'		1680'	1680'	TOC in csg
			25 sx 1.55 yld 14 ppg	1700'	Sq Perfs
			1860'	1710'	Drill out TOC in csg
			*50 sx 1.55 yld 14 ppg	1805'	Top Sq Perfs
			2830'	*some of 50sx drilled out	
			70 sx 1.79 yld 12 ppg	1990'	Bot Sq Perfs
TOC (from CBL)	3024'			1997'	Tgd TOC in csg
Squeeze Hole	4000'		4 sx	2800'	Top Sq Perfs
Sussex			4130'		
Top	4337'				
Base	4560'				
Productive within 1 mile					
Squeeze Hole	4610'				
BOC (from CBL)	4680'				
Shannon	Absent				
NOT productive within 1 mile					
TOC (from CBL)	5650'				
				6408'	Est TOC inside csg
Niobrara Top	6979'		65 sx 1.53 yld 15.8 ppg		
			7170'		
Codell Perfs	7248' - 7262'		4 sx		
			7600'		
J Sand Perfs	7696' - 7738'				
<u>Production Casing/Hole</u>					
Casing Size/Depth	5-1/2", 17#/ft @	7857'			
Hole Size/Depth	7-7/8" (bit size) @	7858'			

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