


API:	05-123-21842	CREATED BY:	B. Dean	DATE:	5/22/2023
WELL NAME:	MCPEEK 3-18	ELEVATION:	4858	QTRQTR:	NENW
COUNTY:	WELD	GROUND LEVEL:	4846	SEC:	18
LATITUDE:	40.1437477	MD:	7550	TWN:	2N
LONGITUDE:	-104.8229896	PBMD:	7490	RNG:	66W



Existing	DATUM: RKB KB=12'	Proposed
Hole Size/Depth 12-1/4" / 675'	80 sx 1.21 yld 260'	cmt to surface
Deepest water well in 1 mile - 520'		
550 Sx Cmt		
<u>Surface Casing</u> 8-5/8", 24#, J-55 set @ 669'	120 sx 1.21 yld	619' TOC 770' BOC/Cut casing
	15 sx	960' TOC in csg
	< 1160' >	1100' Perfs/TOC
Upper Pierre Aquifer Base 1633'	210 sx 1.21 yld	1800' Perfs/BOC
	15 sx	1960' TOC in csg
	< 2160' >	2100' Perfs/TOC
	210 sx 1.21 yld	2800' Perfs/BOC
TOC (from CBL) 4206'		
Sussex Productive in 1 mile	15 sx	4125' TOC in csg
Top 4386'	4326'	
Base 4555'	< 85 sx >	4386' Perfs/BOC
Shannon Base 4955' - NOT productive in 1 mile		
	20 sx	6780' TOC in csg
Niobrara Top 7099'	7040'	
Niobrara Perfs 7100' - 7245'	< 80 sx >	7100' Perfs/BOC
		New Cement
		Existing Cement
		New CICR
		Existing CICR
		New CIBP
		Existing CIBP
		Treated Water
		Brine
		Mud
		Sand Plug
400 Sx Cmt		
<u>Production Casing</u> 4-1/2", 11.6#, L-80 set @ 7518'		
Hole Size/Depth 7-7/8" / 7550'		