


API:	05-123-07670	CREATED BY:	D. SPELLMAN	DATE:	Jul 10, 2023
WELL NAME:	STATE 23	ELEVATION:	4828	QTRQTR:	CNE
COUNTY:	WELD	GROUND LEVEL:	4815	SEC:	16
LATITUDE:	40.228903	MD:	7750	TWN:	3N
LONGITUDE:	-104.663773	PBMD:	7682	RNG:	65W



Existing	DATUM: RKB KB=13'	FINAL
Hole Size/Depth 12-1/4" / 475'	80 sx 1.21 yld 15.8 ppg 260'	cmt to surface
Deepest water well in 1 mile - 378'	30 sx 1.21 yld 15.8 ppg	330' Tgd TOC
350 Sx Cmt	115 sx	425' Tgd TOC
Surface Casing 8-5/8", 24#, J-55 set @ 474'	1.20 yld 15.8 ppg	610' cut csg/BOC
	220 sx 1.20 yld 15.8 ppg	1163' Tgd TOC in csg 1163' ETOC behind csg
	220 sx 1.20 yld 15.8 ppg	1800' Perfs/BOC 1950' Tgd TOC in csg 1950' ETOC behind csg
TOC (from CBL) 3954'		2798' Perfs/BOC
Sussex Productive in 1 mile		4131' ETOC in csg
Top 4206'	4196'	
Base 4493'	100 sx	4226' Perfs/BOC
Shannon Base Absent	1.17 yld 15.8 ppg	
BOC (From CBL) 4715'		
Top Squeeze Perfs 6560'	35 sx 1.52 yld 15.8 ppg	6205' ETOC in csg
TOC 6562'	6818'	
Bottom Squeeze Perfs 6860'		
Niobrara Top 6868'		
Niobrara Perfs 6870-6936		
Codell Perfs 7154-7168	2 sx 7248'	
	7275'	
J Sand Perfs 7608-7656	Tgd sand plug	
500 Sx Cmt		
Production Casing 4-1/2", 11.6#, K-55 set @ 7748'		
Hole Size/Depth 7-7/8" / 7750'		

New Cement
Existing Cement
New CICR
Existing CICR
New CIBP
Existing CIBP
Treated Water
Brine
Mud
Sand Plug