

API: 05-123-21847		CREATED BY: C. Bissmeyer		DATE: Jul 11, 2023	
WELL NAME: LDS 16-24		ELEVATION: 4912		QTRQTR: SESE	
COUNTY: WELD		GROUND LEVEL: 4900		SEC: 24	
LATITUDE: 40.2063689		MD: 7469		TWN: 3N	
LONGITUDE: -104.9441228		PBMD: 7432		RNG: 68W	
Existing		DATUM: RKB KB=12'		Proposed	
Hole Size/Depth	12-1/4" / 757'			cmt to surface	
Deepest water well in 1 mile - 200'		80 sx 1.21 yld 260'			
525 Sx Cmt					
Surface Casing	8-5/8", 24#, J-55 set @ 747'	120 sx 1.21 yld		697'	TOC
				850'	BOC/Cut casing
		15 sx		900'	TOC in csg
		1060' 210 sx 1.21 yld		1000'	Perfs/TOC
				1700'	Perfs/BOC
		15 sx		2000'	TOC in csg
		2160' 210 sx 1.21 yld		2100'	Perfs/TOC
				2800'	Perfs/BOC
TOC (from CBL) 3204'		5 sx		3985'	TOC in csg
Sussex Productive in 1 mile		4049'		4079'	Perfs/BOC
Top	4079'	95 sx			
Base	4231'				
Shannon Base	4761' - NOT productive in 1 mile				
Niobrara Top	7018'	5 sx 6992'		6930'	TOC in csg
Niobrara Perfs	7022' - 7166'	95 sx		7022'	Perfs/BOC
Codell Perfs	7293' - 7315'				
535 Sx Cmt					
Production Casing	4-1/2", 11.6#, I-80 set @ 7446'				
Hole Size/Depth	7-7/8" / 7469'				
				New Cement	
				Existing Cement	
				New CICR	
				Existing CICR	
				New CIBP	
				Existing CIBP	
				Treated Water	
				Brine	
				Mud	
				Sand Plug	