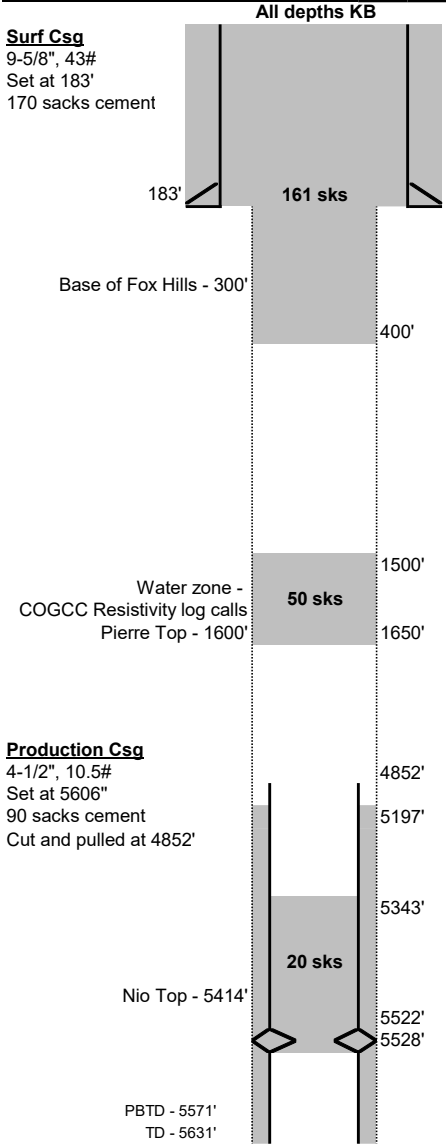
Proposed Wellbore Schematic

Well Name:	McDermott 1-14	Date Prepared:	11/29/2021
Location:	1815' FSL, 2145' FEL, NWSE Sec 14, T9N, R58W	Last Updated:	11/29/2021
County	Weld	Spud Date:	11/26/1984
API #:	05-123-12137	Completion Start Date:	N/A
Co-ordinates:	40.749195 / -103.829305	Last Workover Date:	N/A
Elevations: GROUND:	4640'	Prepared by:	Jake Van Bramer
KB:	4646'	Updated by:	--
Depths (KB): PBTD:	5571'		
TD:	5631'		

All depths KB



PBTD - 5571'
TD - 5631'

Hole Size	
12.25"	0-183'
7.875"	183'-5631'

Surface Casing:
12-1/4" Hole Size
Landed 9-5/8", 43# casing at 183'
Cemented with 170 sks

Production Casing:
7-7/8" Hole Size

Open Hole:
183'-4852', 7-7/8" hole size

Tubing:
2-3/8" tubing set at 5476' (packer at 5447')
Assumed to have been pulled

Rods:
None

Perforations:
24 Shots 0.40" (5522'-5528')

P&A Plugs:
1. 20 sks to cover the perforations (est. 5343'-5528', existing)
2. 50 sks Class G (1.15 cuft/sk) from 1500'-1650' (new)
3. 161 sks Class G (1.15 cuft/sk) from 400' to surface (new)

Additional Notes:
Stimulated with 45,000 gal. and 111,000# Frac Sand

Initial Potential Test:

Formation Tops:
Niobrara 5414'