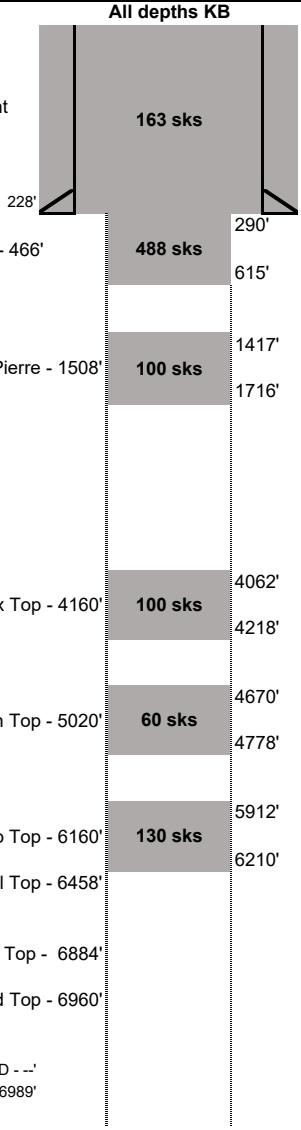
Final- As Plugged Wellbore Schematic

Well Name:	Federal 1	Spud Date:	10/9/1954
Location:	1980' FSL, 660' FEL, NESE Sec 21, T8N, R60W	Cut & Capped Date:	9/14/2020
County	Weld		
API #:	05-123-05527		
Co-ordinates:	40.646024, -104.089467 (As Surveyed)		
Elevations:	GROUND: 4919'		
	KB: Unkknown		
Depths (KB):	PBTD: --		
	TD: 6989'		

All depths KB

Surf Csg
10-3/4"
Set at 228'
140 sacks cement



Production Csg
None

PBTD - --'
TD - 6989'

Hole Size	
12.25	0-228'
Unknown	228'-6989'

Surface Casing:
Landed 10-3/4" casing at 228'
Cemented with 140 sacks

Production Casing:

Open Hole:
Unknown hole size, likely 7-7/8"- open hole 228'-6989'

Tubing:
None

Rods:
None

Perforations:
None

P&A Plugs:
1. 130 sks Class G (1.15 cuft/sk) from 6210'-5912' (Plug Tagged)
2. 60 sks Class G (1.15 cuft/sk) from 4778'-4670' (Plug Tagged)
3. 100 sks Class G (1.15 cuft/sk) from 4218'-4062' (Plug Tagged)
4. 100 sks Class G (1.15 cuft/sk) from 1716'-1417' (Plug Tagged)
5. 488 sks Class G (1.15 cuft/sk) from 615'-290' (Plug Tagged)
6. 163 sks Class G (1.15 cuft/sk) from 290'-surface
7. Top off w/ 5sks

Additional Notes:

Initial Potential Test:

Formation Tops:

Fox Hills (base)	466'
Upper Pierre (base)	1508'
Sussex	4160'
Shannon	5020'
Niobrara	6160'
Codell	6458'
D Sand	6884'
J Sand	6960'