Proposed Wellbore Schematic

Well Name:	Butler #1	Date Prepared:	9/28/2018
Location:	1980' FSL, 1980' FEL, NWSE Sec 17, T8N, R60W	Last Updated:	9/28/2018
County	Weld	Spud Date:	4/10/1979
API #:	05-123-09699	Completion Start Date:	N/A
Co-ordinates:	40.660472 / -104.112927	Last Workover Date:	N/A
Elevations: GROUND:	4944'	Prepared by	Elizabeth Kane
KB:	11'		
Depths (KB): PBTD:	--		
TD:	7160'		

All depths KB

Surf Csg
8-5/8", 24#
Set at 168'
170 sacks cement

168'

191 sks

Base of Fox Hills - 490'

550'

Production Csg
None

5993'

Nio Top - 6193'

99 sks

6293'

6416'

Codell Top - 6516'

50 sks

6566'

PBTD - '
TD - 7160'

Hole Size	
12.25" 0-168'	
Unknown 0-7160'	

Surface Casing:
Landed 8-5/8", 24# casing at 168'
Cemented with 170 sks

Production Casing:
No production casing

Open Hole:
168'-7160', hole size unknown, likely 7-7/8"

Tubing:
None

Rods:
None

Perforations:
None

P&A Plugs:
1. 50 sks Class G (1.15 cuft/sk) from 6566'-6416'
2. 99 sks Class G (1.15 cuft/sk) from 6293'-5993'
3. 191 sks Class G (1.15 cuft/sk) from 550'-surface

Additional Notes:

Initial Potential Test:

Formation Tops:

Fox Hills (base)	490'
Parkman	3470'
Shannon	5060'
Niobrara	6193'
Codell	6516'
D Sand	6947'
J Sand	7027'

PBTD - '
TD - 7160'