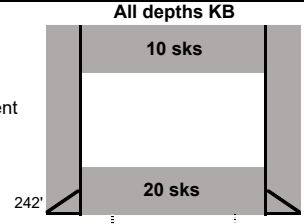
Current Wellbore Schematic

Well Name:	Federal 1	Date Prepared:	3/21/2019
Location:	656' FNL, 664' FEL, NENE Sec 28, T8N, R60W	Last Updated:	3/25/2019
County:	Weld	Spud Date:	12/19/1958
API #:	05-123-05519	Completion Start Date:	N/A
Co-ordinates:	40.638750/-104.089656	Last Workover Date:	N/A
Elevations: GROUND:	4908'	Prepared by:	Ariana Solis
KB:			
Depths (KB): PBTD:	--		
TD:	7045'		

All depths KB

Surf Csg
8-5/8"
Set at 242'
130 sacks cement



Base of Fox Hills - 455'

Production Csg
None

Nio Top - 6142'

Carlile Top - 6460'

D Sand Top - 6874'

J Sand Top - 6954'

PBTD - --'
TD - 7045"

Hole Size
12.25
0-242'

Open Hole
242'-7045'

PBTD - --'
TD - 7045"

Surface Casing:
Landed 8-5/8" casing at 242'
Cemented with 130 sacks

Production Casing:
No production casing

Open Hole:
242'-7045', hole size unknown, likely 7-7/8"

Tubing:
None

Rods:
None

Perforations:
None

P&A Plugs:
1. 15 sks at surface
2. 20 sks at 242'

Additional Notes:
Hole filled with heavy mud to TD.

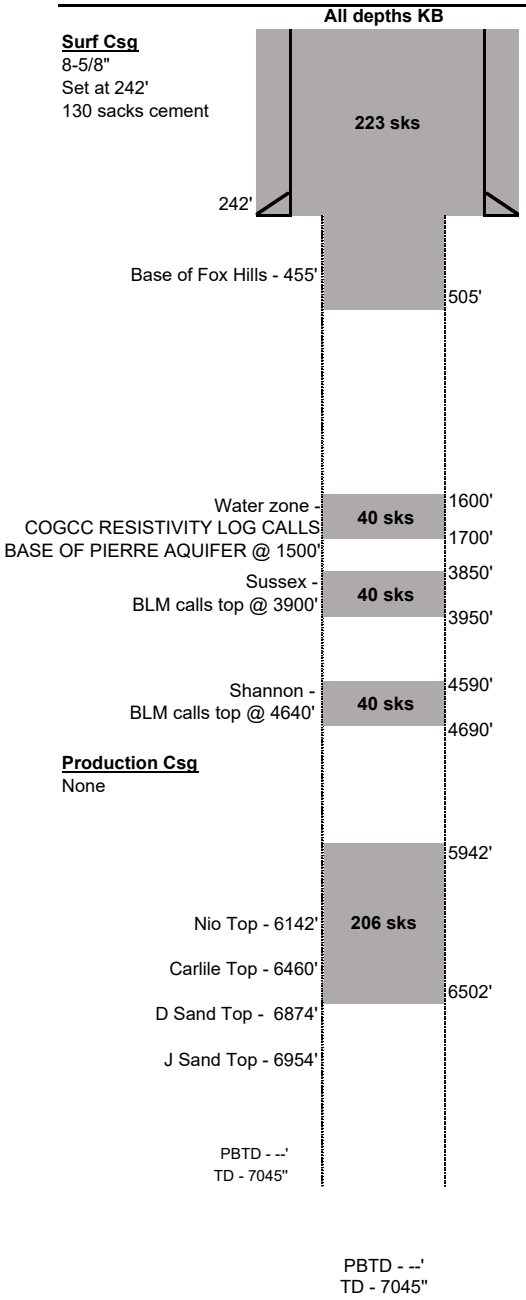
Initial Potential Test:

Formation Tops:

Niobrara	6142'
Carlile	6460'
D Sand	6874'
J Sand	6954'

Proposed Wellbore Schematic

Well Name:	Federal 1	Date Prepared:	3/21/2019
Location:	656' FNL, 664' FEL, NENE Sec 28, T8N, R60W	Last Updated:	3/25/2019
County:	Weld	Spud Date:	12/19/1958
API #:	05-123-05519	Completion Start Date:	N/A
Co-ordinates:	40.638750/-104.089656	Last Workover Date:	N/A
Elevations:	GROUND: 4908'	Prepared by:	Ariana Solis
	KB:		
Depths (KB):	PBTD: --		
	TD: 7045'		



Hole Size
12.25
0-242'

Open Hole
242'-7045'

PBTD - --'
TD - 7045"

Surface Casing:
Landed 8-5/8" casing at 242'
Cemented with 130 sacks

Production Casing:
No production casing

Open Hole:
242'-7045', hole size unknown, likely 7-7/8"

Tubing:
None

Rods:
None

Perforations:
None

P&A Plugs:
1. 206 sks from 6502'-5942'
2. 40 sks from 4690'-4590'
3. 40 sks from 3950'-3850'
4. 40 sks from 1700'-1600'
5. 223 sks from 505' to surface

Additional Notes:
Hole filled with heavy mud to TD.

Initial Potential Test:

Formation Tops:

Niobrara	6142'
Carlile	6460'
D Sand	6874'
J Sand	6954'