



No PR Sussex

Deepest WW with in 1 Mile: 1321'

Fox Hills: 1048'-1257'

Upper Pierre Base: 2322'

WELLBORE DIAGRAM

PROPOSED WBD

1130' FSL 1650' FEL

Cut and Cap (Well Name,
API, Legal Desc.) 4-6'
below ground level.

Top off as needed

Pump 106 sx G+2%CC from 1400' - surface

DV tool @ 1314', pump 250 sx
calc TOC @ surface

Perf @ 2200'

Set CICR @ 2300'

Pump 30 sx thru CICR (AGM 1.86)

leave 5 sx on top, ETOC 2193'

Perf @ 2400'

Perf @ 5100'

Set CICR @ 5200'

Pump 30 sx thru CICR (AGM 1.86)

leave 5 sx on top, ETOC 5093'

Perf @ 5300'

Pump 25 sx Therm 35 at 7440', ETOC @ 7004'

Set CIBP @ 8100'

Pump 25 sx Therm 35 on top, ETOC @ 7664'

Pump 25 sx across perfs (8180'-8190')

TVD =

MD = 8265'

PBTVD =

PBMD = 8212'

Operator:

Cutler Brothers

Well Name:

Freeman 1-A

Lease Number:

Location:

SWSE 31 1S 66W

Field:

Bugle - #7800

County, State:

Adams, CO

API Number:

05-001-07092

Diagram Date:

3/19/2021

Lat/Long

39.917341 -104.8148

KB 5082'

GL

Spud Date: 9/11/1975

Surface Casing :

8-5/8" 24# set @ 181'

Cmt w/ 200 sx

Production Casing :

4-1/2" 11.6# set @ 8253'

Cmt'd w/ 250 sx

Calc TOC @ 6882' w/ 7-7/8" hole

Tubing Detail:

Formation Tops:

Sussex	5204'
Niobrara	7494'
Carlile	7818'
Greenhorn	7891'
Bentonite	8070'
D Sand	8172'
J Sand	8219'

Perforations

	Top	Bottom
D Sand	8180'	8190'