



No PR Sussex

Deepest WW with in 1 Mile: 1321'

Fox Hills: 1053'-1258'

Upper Pierre Base: 2328'

WELLBORE DIAGRAM

CURRENT WBD

1980' FSL 660' FEL

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

Top off as needed

Perf @ 370', squeezed 135 sx to surface

DV Tool set @ 1357' cmt w/ 250 sx
TOC 835' (CBL)

Pump 106 sx Class G+2%CC from 1400' to surf

Perf @ 2200'

Set CICR @ 2300'

Pump 30 sx thru CICR (AGM 1.86)

leave 5 sx on top, ETOC 2193'

Perf @ 2400'

Perf @ 4700'

Set CICR @ 4800'

Pump 30 sx thru CICR (AGM 1.86)

leave 5 sx on top, ETOC 4693'

Perf @ 4900'

Pump 25 sx Therm 35 at 7500', ETOC @ 7068'

Pump 25 sx Thermal 35 on top of plug
ETOC @ 7693'

CIBP @ 8125' w/ 2 sx cmt

TVD =

MD = 8370'

PBTVD =

PBMD = 8349'

Operator: KP Kauffman Company Inc

Well Name: Freeman D 1

Lease Number:

Location: NESE 31 1S 66W

Field: Bugle - #7800

County, State: Adams, CO

API Number: 05-001-06964

Diagram Date: 3/23/2021

Lat/Long 39.919854 -104.811048

KB 5098'

GL 5088'

Spud Date: 1/8/1975

Surface Casing :

8-5/8" 24# set @ 271'

Cmt w/ 300 sx + 3%CC

Production Casing :

4-1/2" 11.6# set @ 8369'

Cmt'd w/ 300 sx 50/50 poz

Calc TOC @ 6711' w/ 7-7/8" hole

Tubing Detail:

Formation Tops:

Base of Fox Hills 1258' DWR

Sussex 4897'

Niobrara 7465'

Carlile 7923'

Greenhorn 7973'

Bentonite 8058'

D Sand 8166'

J Sand 8211'

Perforations

D Sand

Top

8174'

Bottom

8182'