

WELLBORE DIAGRAM
PROPOSED WBD

1980' FNL 660' FWL

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

Operator: Cutler Brother
Well Name: Supers 1
Lease Number:
Location: SWNW 32 1S 66W
Field: Bugle
County, State: Adams, CO
API Number: 05-001-07002
Diagram Date: 1/15/2021
Lat/Long 39.923588 -104.806608

Deepest WW: 1321'
Fox Hills 1039-1241
Upper Pierre Base: 2317'

Top off as needed

Shoot holes @ 300'
circ 62 sx up annulus to surface
fill casing with 23 sx Class G + 2%CC

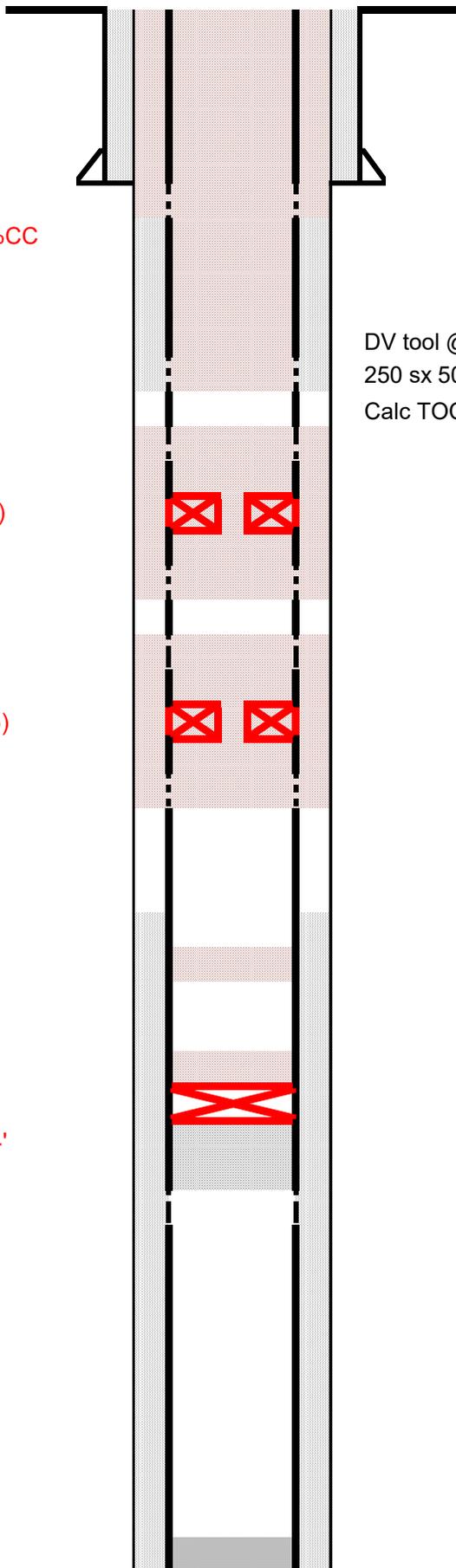
Pump from 1400' to 350'
w/ 79 sx Class G + 2%CC

Perf @ 2200'
Set CICR @ 2300'
Pump 30 sx thru CICR (thixo 1.86)
leave 5 sx on top, ETOC 2193'
Perf @ 2400'

Perf @ 4800'
Set CICR @ 4900'
Pump 30 sx thru CICR (AGM 1.86)
leave 5 sx on top, ETOC 4793'
Perf @ 5000'

Pump 25 sx Thermal 35 at 7400'
ETOC @ 6964'

Set CIBP @ 8100'
Pump 25sx Therm35, ETOC 7664'
Pumped 30 sx at 8164'
calc TOC @ 7769'



KB 5087'
GL 5077'
Spud Date: 4/9/1975

Surface casing

(12-1/2" Hole Size) 8-5/8" 24# csg set @ 151'
w/ 170sx cmt

Production casing

(7-7/8" Hole Size) 4-1/2" 11.6# csg set @ 8285'
w/ 300 sx 50/50 pozmix

Tubing Detail:

TOC = 6624' (calc w/ 7-7/8" hole)

Formation Tops:

Base of FH	1241' (DWR)
Sussex	4932'
Niobrara	7353'
Carlile	7819'
Bentonite	8072'
D-Sand	8162'
J-Sand	8203'

Perforations	Top	Bottom
D Sand	8164'	8170'

TVD = **PBTVD =**
MD = 8285' **PBMD = 8223'**