

WELLBORE DIAGRAM
FINAL WBD

990' FNL 1650' FWL

Cut and Cap (Well Name,
API, Legal Desc.)
20' below grade on 6/29/2021



1 Mile Offset
No Offset Sussex
Deepest WW: 1203'
Fox Hills Base 900
Upper Pierre Base: 2281'

Top off w/ 25 sx Class G + 2%CC

Pump 395 sx Class G + 2%CC
from 651' to surface
Tag plug at 677'

Pump 200 sx Class G + 2%CC
from 1426' to ETOC 746'
Tag plug at 1442'

Pump 122 sx Class G + 2%CC
from 1829' to ETOC 1229'
Tag plug at 1840'

Pump 40 sx Class G + 3%CC
from 2015' to ETOC 1815'
Drilled out to 2015' on 6/4

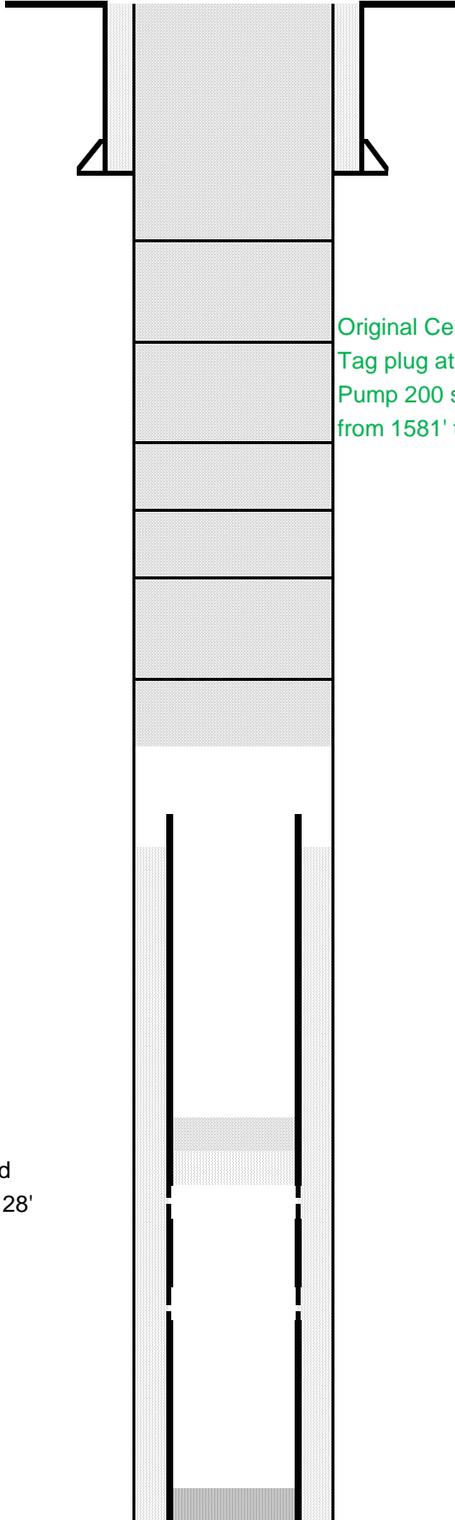
Pump 200 sx Class G + 2%CC
from 2500' to ETOC 1820'
Pump 50 sx Class G + 2%CC
from 4802', ETOC 4632'

Tag plug at 4848'
Pump 200 sx Class G + 2%CC
from 5204', ETOC 4524'

Cut & pulled casing from 7200'

attempted cuts at 7300' & 7400'

Covered D-sand perms w/ 6sx sand
and 5 sx cmt, est from 8194' to 8128'



TVD = PBTVD =
MD = 8335' PBMD =

Operator: Sands-American Corp
Well Name: Gutshall 1
Lease Number:
Location: NENW 31 1S 66W
Field: Wattenberg
County, State: Adams, CO
API Number: 05-001-06988
Diagram Date: 7/26/2021
Lat/Long 39.926108 -104.821916

KB 5081'
GL 5071'
Spud Date: 3/5/1975

Surface Casing
(12-1/2" Hole Size) 8-5/8" 24# csg set @ 240'
w/ 200sx cmt

Production casing
(7-7/8" Hole Size) 4-1/2" 10.5# csg set @ 8325'
w/ 300 sx

Tubing Detail:

TOC = 7294' (calc w/ 9" hole)

Formation Tops:

Base of FH	900'
Sussex	4974'
Niobrara	7410'
Timpas	7792'
Bentonite	8086'
D-Sand	8191'
J-Sand	8232'

<u>Perforations</u>	Top	Bottom
D Sand	8194'	8198'
J Sand	8255'	8278'