



WELLBORE DIAGRAM

PROPOSED WBD

1270' FNL & 1650' FEL

1 Mile Offset
No PR Sussex
Deepest WW: 1210'

cut and cap surf csg
4-6' below ground level
(Well name, API, legal desc)

Operator: Great Western Operating Co. LLC
Well Name: Grein 1
Lease Number:
Location: NWNE S5-T1S-R66W
Field: Wattenberg - #90750
County, State: Adams, CO
API Number: 05-001-08315
Diagram Date: 6/7/2018
Lat/Long: 39.997002, -104.795666

KB ' 5030'

GL ' 5019'

cut and pull csg @ 1310'
Pump stub plug from 1360'
to surf w/ 530 sx class G cmt

Spud Date: 9/3/1983
Date TD Reached: 9/9/1983
Completion Date: 7/5/1984

Surface Casing
(12-1/4" Hole Size) 8-5/8" 24# csg set @ 320' KB
w/ 225 sx cmt

Production casing
(7-7/8" Hole Size) 4-1/2" 11.6# csg set @ 8240' KB
w/ 325 sx cmt

Tubing

Perf @ 2500'
Place 40sx balanced plug @ 2500'

TOC = 7112' Calc

Formation Tops (MD)

Foxhills Base 1086'
Sussex 4922'
Niobrara 7190'
Fort Hays 7619'
Codell 7643'
J Sand 8084'

Will need to run CBL to verify TOC
Perf @ 7100' set CICR @ 7050
Pump 40 sx thru and 5 sx on top
class G

Perforations

J Sand
8088-8113'

Set CIBP @ 8038'
Dump Bail 2 sx cmt

TVD = MD = 8240' PBTVD = PBMD = 8167'