

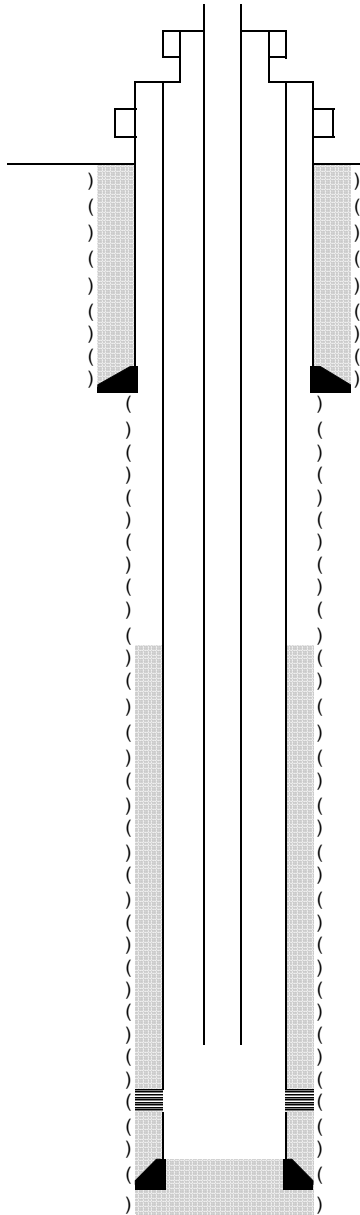


**WELLBORE DIAGRAM**

CURRENT WBD

1270' FNL & 1650' FEL

1 Mile Offset  
 No PR Sussex  
 Deepest WW: 1210'



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'

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**  
 2-3/8" tbg set @ 8069'  
 5/13/2014

TOC = 7112' Calc

**Formation Tops (MD)**

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

**Perfortations**

J Sand  
 8088-8113'

TVD =  
 MD = 8240'

PBTVD =  
 PBMD = 8167'