



**WELLBORE DIAGRAM**

Proposed

1980' FNL & 660' FEL

Spud Date: 5/10/1982  
 Date TD Reached: 5/20/1982  
 Completion Date: 8/31/1982

Operator: Great Western Operating CO, LLC  
 Well Name: Wailes G Unit #1  
 Lease Number:  
 Location: SENE-4-T2S-R63W  
 Field: Chieftain  
 County, State: Adams, CO  
 API Number: 05-001-08142  
 Diagram Date: 7/20/2017  
 Lat/Long: 39.906498/-104.435132

1mile radius  
 Deepest offset WW: 400'  
 No PR forms above J-Sand

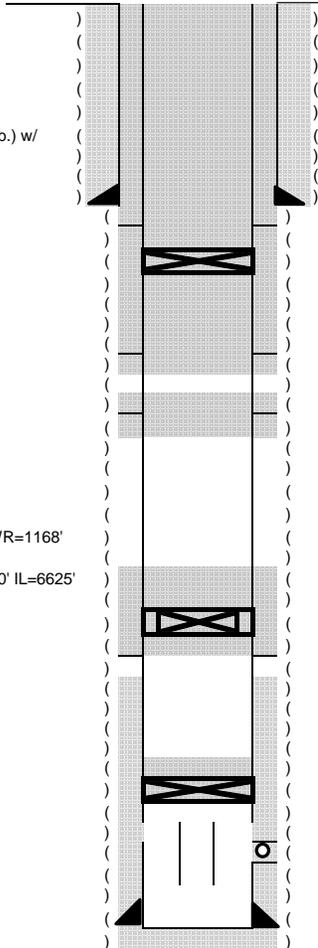
Anjeled @ base of FoxHills (39 jts. tb.) w/  
 1000 gals (8/9/1982)  
 NO DEPTH FOR FOXHILLS  
 Top of Anjel = 373'-553' (CALC)

**Formation Tops**

FoxHills Base	IL=1200' DWR=1168'
Shannon	4656'
Niobrara	COGIS=6820' IL=6625'
Timpas	7120'
D Sand	7430'
J Sand	7493'

CIBP set @ 7425 w/ 2 sx cmt

60' of 2-3/8" left in the well



KB ' 5157'

GL ' 5147'

**Surface Casing**

12-1/4" Hole size  
 8-5/8" 24# csg set @ 222' KB  
 cmt'd w/ 200 sx

**Production casing**

7-7/8" Hole size  
 4-1/2" 11.6# csg set @ 7615'  
 Cmt'd w/ 100 sx 50/50 poz 2% Gel,  
 10% salt and 1.75% CFR-2

Place 190sx up backside and  
 inside 4-1/2" to surface

Perf @ 600'

Set plug @ 700'

Perf @ 1220'

Pumped 60sx balanced plug @ 1208'

Pump 20sx @ 2355'

Holes in csg @ 1453' - 1470' and 2321' - 2337'  
 Cut csg @ 2350' could not pull

TOC= 7065' (calc)

Perf @ 6600', Set CICR @ 6414' w/ 150sx  
 place 25sx on CICR

**Perforations**

7529-7538' 4 SPF  
 acidized w/ 1000 gals 7.5% acid  
 fraced w/ 199,500# 20/40 sand  
 and 98,000 gallons of fluid

TVD = 7635' PBTVD =  
 MD = 7635' PBMD = 7615'