

# Amoco Production Company Cimarron-Penrod 2 - D&A Re-Entry

## FINAL WELLBORE DIAGRAM

8/6/2018 Top off w/6 sks cmt. Cut off and cap 8-5/8" surf csg 6' below GL.

Completed  
Final P&A

Geology

\*Est tops from completion report

\*Est tops from Prog

Pump 139 sxs Type III 14.8# cmt w/  
1-1/2% CaCl from 334' to surface,  
24 sks returned

Top of Fox Hills @ 856'

Bottom of Fox Hills @ 1171'

Top of Sussex @ 4663'

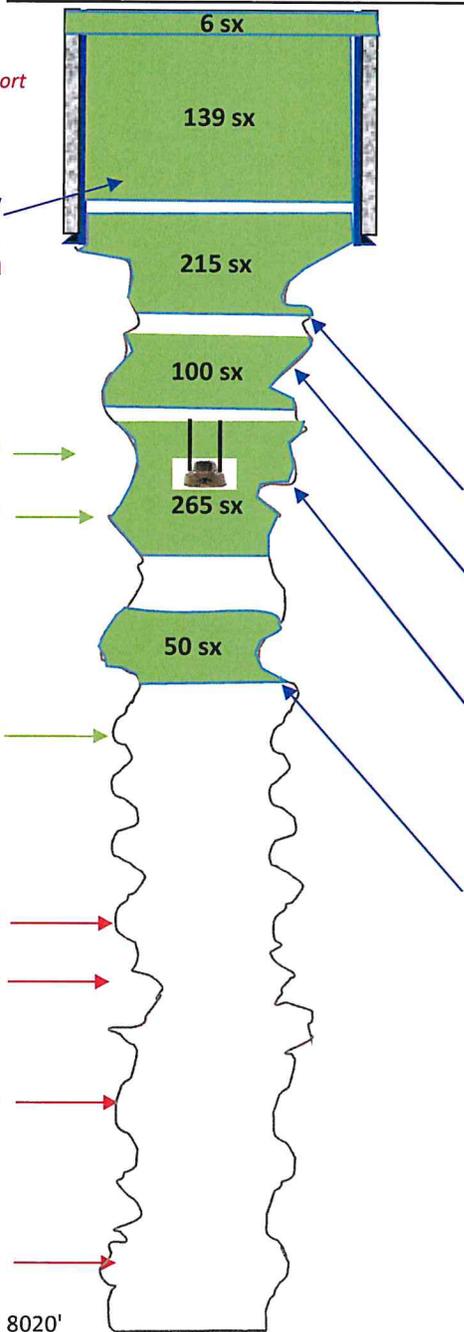
Top of Niobrara @ 7362'

Top of Codell @ 7480'

Top of D-Sand @ 7862'

Top of J-Sand @ 7918'

TD: 8020'



Elevation: 5103' GL, 5112' KB

Location: 1980' FSL, 1980' FWL

NESW Sec 4, T1S, R65W

Adams County, CO

Field: Wattenberg

Zone: D Sand & J Sand

Spud Date: 7/19/1987

API: 05-001-08830

Surface Casing:

8-5/8", 24# Set @ 176'

Cement w/ 110 sx Reg w/ 3%CaCl

Pump 215 sxs 15.8# Class G neat plug from 498'.  
No cement in returns, TOC @ 340'.

Set 100 sx 15.8# Class G neat plug from  
~660'-506'. Tagged TOC.

Set 265 sx 15.8# Class G neat plug over Fox Hills  
from ~ 1,357' to unknown TOC  
While TOO H tubing, got stuck @ 888'  
Cut tubing @ 687', leave fish in cement  
(6 3-1/2" Drill Collars, 6-1/8" Jet-Style Cone Bit)

After 7 days of drilling & washing down, COGCC  
approved setting first 50 sx plug @ 2756'  
Set 50 sx plug from ~ 2,756 - 2,597'  
15.8# Class G Neat

D Sand: Never Completed

J Sand: Never Completed

Production Casing:

Assume 7-7/8" Hole