

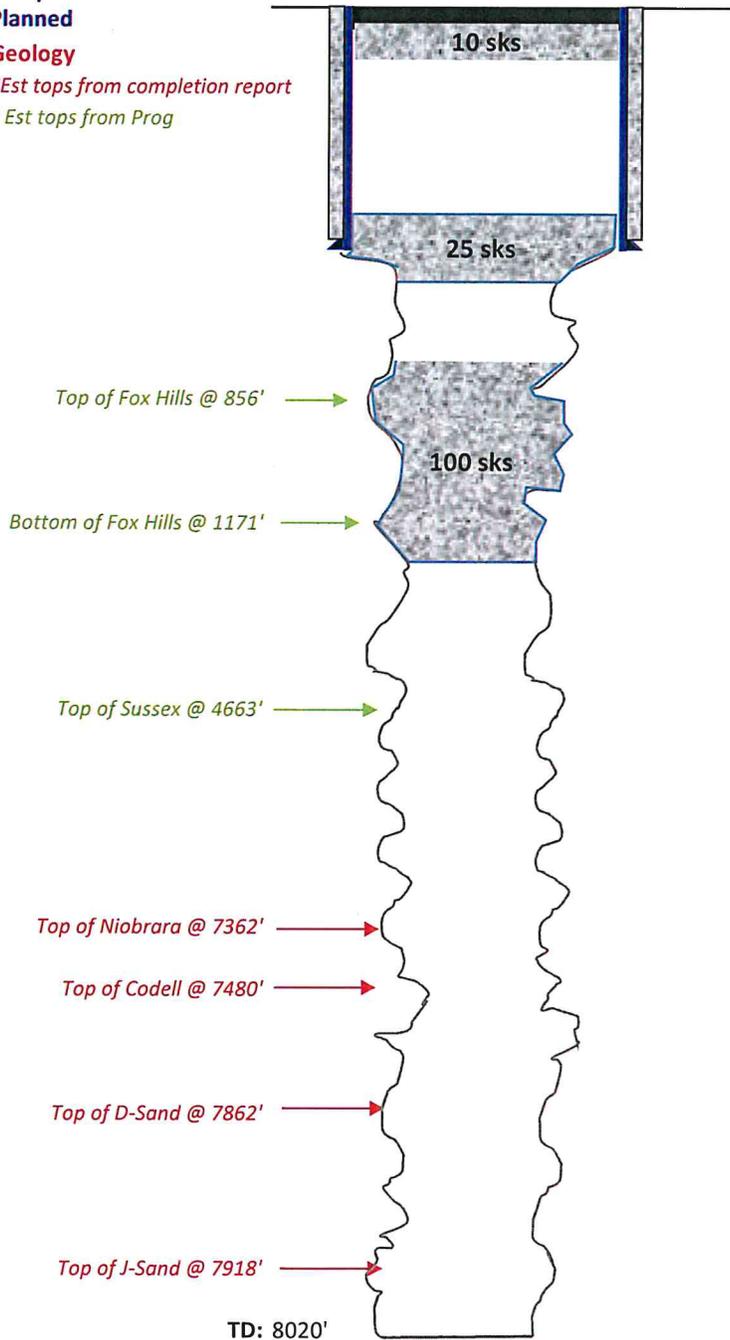
**Amoco Production Company**  
**Cimarron-Penrod 2 - D&A Re-Entry**  
**EXISTING WELLBORE DIAGRAM**

**Completed**  
**Planned**

**Geology**

*\*Est tops from completion report*

*\*Est tops from Prog*



**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

**P&A: 7/25/1987**

10 Sack Plug @ Surface to 30'

25 Sack Plug @ 150' - 200'

100 Sack Plug @ 800' - 1300'

**D Sand: Never Completed**

**J Sand: Never Completed**

**Production Casing:**

Assume 7-7/8" Hole

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

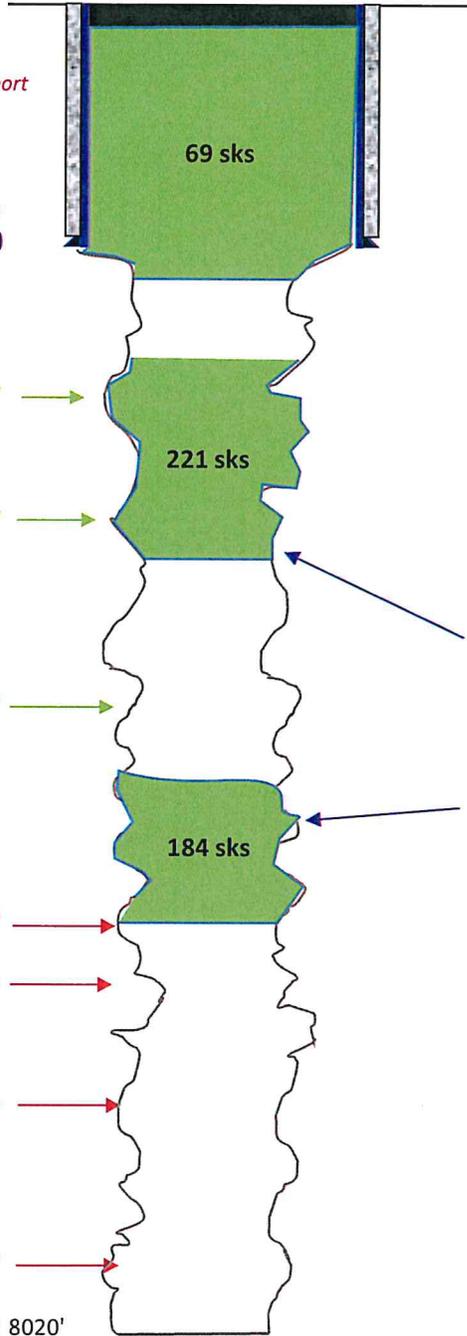
**Completed  
Planned**

**Geology**

*\*Est tops from completion report*

*\*Est tops from Prog*

**Set 69 sx plug in over surface shoe  
to surface (250' - 0')**



**Elevation:** 5103' GL, 5112' KB

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Adams County, CO

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**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

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10 Sack Plug @ Surface to 30'

25 Sack Plug @ 150' - 200'

100 Sack Plug @ 800' - 1300'

**Set 221 sx plug over Fox Hills  
from ~ 1,300' to 700'**

**Set 184 sx plug over Niobrara  
from ~ 6,000' to 5,500'**

*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'**

**D Sand: Never Completed**

**J Sand: Never Completed**

**Production Casing:**

Assume 7-7/8" Hole