

**Citation Oil & Gas Corp
Williams 1
Castle Peak
Cheyenne County, CO**

Current Information

Total Depth: 6,410'

Plug Back Total Depth: 6,253'

Surface Casing: 9 5/8" 24 # @ 506' 275 SX CMT

Production Casing: 5 1/2" 15.5# 500 SX CMT

Completion: *Morrow Perfs 6,198'-6,202'*

Suspected Problem: Uneconomic P&A

Plug and Abandon Procedure

All Calculations Use Class A Cement

Yielding 1.18 Cu.Ft/SX

Check with Chosen Cement Company to Confirm Correct Volumes

1. MIRU SU, MIRU WL
2. Open Bradenhead
3. MI WS, PU TBG & 4" CIBP, TIH to 6,100', set CIBP Spot 2 sx CMT on top
4. TOH to 4,038' Mix & Pump 10 sx Class A CMT while TOH to 3,868', setting balanced plug from 4,038' to 3,868'. Reverse out clean TBG
5. TOH to 500', Mix & Pump 30 sx Class A CMT while TOH to surface, Setting balance plug from 500' to surface. Clean TBG.
6. RU CMT TRK to 5 1/2" – 9 5/8" CSG Annulus Bullhead 141 sx Class A CMT.
7. RDMO CMT TRK
8. SI well and WOC to Cure.
9. ND cementing valves and cut off wellhead. Fill 5.5" casing with cement as necessary. Install P&A marker to comply with regulations. RDMO and restore location.