

**Citation Oil & Gas Corp
Arapahoe Unit 141
Mount Pearl Unit
Cheyenne County, CO**

Current Information

Total Depth: 5,347'

Plug Back Total Depth: 5,309'

Surface Casing: 8 5/8" 36 # @ 445' 215 SX CMT

Production Casing: 5 1/2" 14# 140 SX CMT

Completion: *Morrow Perfs 5,178'-96'*

Suspected Problem: Uneconomic P&A

Plug and Abandon Procedure

All Calculations Class A Neat Cement

Yielding 1.18 Cu.Ft/SX

Check with Chosen Cement Company to Confirm Correct Volumes

1. MIRU SU, MIRU WL MIRU CMT TRK
2. PU **CIBP** w/ WL, TIH **set at 5,080', w/ 2sx cmt**, TOH
3. PU, TIH w/ Perf Gun Perf intervals: **2,130'-31', 1,797'-98' & 495'-96'** w/ **3 SPF 120' Phasing Angle Perf Gun**, TOH w/ spent guns
4. MIRU Cmt Trk
5. PU 2 7/8" Tbg TIH to **4,523'**, Mix and Pump **10 sx cmt plug** while TOH to **4,437'**
6. TOH PU **CICR**, TIH **set at 2,080'**
7. **Sting into CIRC** Mix & Pump **60 sx thru CICR**, Sting out CICR and **Pump 2 sx CMT on CICR** (total of 62 sx at this stage)
8. TOH PU **CICR**, TIH **set at 1,747'**
9. **Sting into CIRC** Mix & Pump **60 sx thru CICR**, Sting out CICR and **Pump 2sx CMT on CICR** (total of 62 sx at this stage), TOH
10. Open Bradenhead
11. TOH PU PKR, TIH to **445'**, set, **SQZ 80 sx CMT to surface**, J out **Spot 70 sx CMT TO surface**.

- a. **If not able to SQZ 80 sx CMT to Surf**, Hook on to 5 ½" CSG and **pump 80 sx down backside.**

12.RDMO CMT TRK

13.SI well and WOC to Cure.

14.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.