

**Citation Oil & Gas Corp
MPU 43-34
Mount Pearl Unit
Cheyenne County, CO**

Current Information

Total Depth: 5,575'
Plug Back Total Depth: 5,458'
Surface Casing: 8 5/8" 24 # @ 379' 250 SX CMT
Production Casing: 5 1/2" 14# 200 SX CMT
Completion: *Morrow Perfs 5,364'-5,372'*
Suspected Problem: Uneconomic P&A

Plug and Abandon Procedure

All Calculations Use 60/40 POZ w/ 4% Gel Class A Cement

Yielding 1.40 Cu.Ft/SX

Check with Chosen Cement Company to Confirm Correct Volumes

1. MIRU SU, MIRU WL MIRU CMT TRK
2. TIH w/ Perf Gun Perf intervals: **2,090'-91', 1,700'-01 & 430'-31'** w/ **3 SPF 120° Phasing Angle Perf Gun**, TOH w/ spent guns
3. MIRU Cmt Trk
4. PU 2-7/8" TBG, TIH to 4,194', Pump **20 sx** balance plug **4,194'-3,994'**
5. TOH PU **CICR**, TIH **set at 2,190'**
6. **Sting into CICR** Mix & Pump **50 sx thru CICR**, Sting out CICR and **Pump 5 sx CMT on CICR** (total of 55 sx at this stage)
7. TOH PU **CICR**, TIH **set at 1,600'**
8. **Sting into CICR** Mix & Pump **50 sx thru CICR**, Sting out CICR and **Pump 5 sx CMT on CICR** (total of 65 sx at this stage)

9. Open Bradenhead

10. TOH PU PKR, TIH to **400**, set PKR, **SQZ 120 sx CMT through perfs to surface**, J out **Spot 45 sx CMT to surface**.

a. **If not able to SQZ 120 sx CMT to Surf**, Hook on to 5 ½" CSG and **pump 120 sx down backside**.

11. RDMO CMT TRK

12. SI well and WOC to Cure.

13. 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.