

**547Citation Oil & Gas Corp  
Mount Pearl Unit #22D-25  
Mount Pearl Unit  
Cheyenne County, CO**

**Current Information**

**Total Depth:** 5,575'

**Plug Back Total Depth:** 5,350' CIBP

**Surface Casing:** 8 5/8" 24 # @ 350' 230 SX CMT

**Production Casing:** 5 1/2" 15.5# 300 SX CMT

**Completion:** *Morrow Perfs 5,388'-92'*

**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: **2,350'-51', 2,080'-81' & 450'-51'** w/ **3 SPF 120° Phasing Angle Perf Gun**, TOH w/ spent guns
3. MIRU Cmt Trk
4. PU 2 7/8" Tbg TIH to **4,200'**, Mix and Pump **25 sx cmt plug** while TOH to **3,990'**
5. TOH PU **CICR**, TIH **set at 2,275'**
6. **Sting into CIRC** Mix & Pump **45 sx thru CICR**, Sting out CICR and **Pump 15 sx CMT on CICR** (total of 60 sx at this stage)
7. TOH PU **CICR**, TIH **set at 2,005'**
8. **Sting into CIRC** Mix & Pump **45 sx thru CICR**, Sting out CICR and **Pump 25 sx CMT on CICR** (total of 70 sx at this stage), TOH
9. Open Bradenhead
10. TOH PU PKR, TIH to **400'**, set CICR, **SQZ 125 sx CMT to surface**, J out **Spot 40 sx CMT TO surface**.
  - a. **If not able to SQZ 125 sx CMT to Surf**, Hook on to 5 1/2" CSG and **pump 125 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.