

**Citation Oil & Gas Corp  
Dubois #5  
Dubois Lease  
Padroni West Field  
Logan County, CO**

**Current Information**

**Total Depth:** 5,075'

**Plug Back Total Depth:** 5,042'

**Surface Casing:** 8 5/8" 24 # @ 354' 260 SX CMT

**Production Casing:** 5 1/2" 15.5# @ 5,058' 230 SX CMT

**Completion:** *Morrow Perfs 5,010'-15'*

**Suspected Problem:** Uneconomic P&A

**Plug and Abandon Procedure**

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

**\*Yielding 1.42 Cu.Ft/SX\***

**\*Check with Chosen Cement Company to Confirm Correct Volumes\***

1. Perform Bradenhead Test. MIRU SU, MIRU Circulating tank, MIRU WL, MIRU CMT TRK, MIRU Water Trucks.
2. TIH w/ Perf Gun Perf **310'-311'** w/ **3 SPF 120° Phasing Angle Perf Gun**, TOH with spent guns. RD WL
3. PU 2 7/8" WS, PU tbgs set **CIBP**, TIH **set at 4,975' w/ 5 sx cmt.**
4. TOH to 3,624', pump 20 sx balanced cmt plug from 3,624' to 3,524', TOH w/ WS
5. Open Bradenhead. Rig up on production csg, establish circulation down prod csg & up surf csg.
6. Pump 100 sx cmt dn prod csg & circ to surface on surface csg
  - i. **If not able to circulate CMT to Surf, contact COGCC Area engineer for procedure.**
7. RDMO CMT TRK. SI well and WOC to Cure.
8. Cut off wellhead. Fill 5.5" casing with cement as necessary. Install P&A plate on wellheads to comply with regulations. Restore location.