

**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 tbg 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.