

**Citation Oil & Gas Corp
Berge 13-1 #9
Bledsoe Ranch Unit
Cheyenne County, CO**

Current Information

Total Depth: 6,310'
Plug Back Total Depth: **6,236'**
Surface Casing: 8 5/8" 24 # @ 354' 275 SX CMT
Production Casing: 5 1/2" 15.5# 250 SX CMT
Completion: *Morrow Perfs 6,169'-73'*
Suspected Problem: Uneconomic P&A

Plug and Abandon Procedure

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

Yielding 1.60 Cu.Ft/SX

Check with Chosen Cement Company to Confirm Correct Volumes

1. MIRU SU, MIRU WL
2. TIH w/ 5 1/2" CIBP, set at 6,100', dump 2 sx cmt, TOH
3. TIH w/ Perf Gun Perf intervals: **2951'-52', 2,671'-72' & 404'-05'** w/ **3 SPF 120° Phasing Angle Perf Gun**, TOH w/ spent guns
4. Open Bradenhead
5. MIRU Cmt Trk
6. PU TBG & 5 1/2" CICR, TIH to **2,920'**, set CICR, sting in & test for injection & **SQZ 30sx CMT thru CICR**, sting out CICR **Spot 2 sx CMT on CICR**. TOH
7. PU 5 1/2" CICR TIH, Set @ **2,650'** sting in & test for injection & **SQZ 40sx CMT thru CICR**, sting out CICR **Spot 2 sx CMT on CICR**. TOH.
8. PU 5 1/2" CICR TIH to **375'** & set CICR, sting in & test for injection & **SQZ 55 sx CMT thru CICR**, sting out CICR **Spot 35 sx CMT to Surf**.
 - a. **If not able to SQZ 55 sx CMT to Surf**, Hook on to 5 1/2" CSG and **pump 55 sx down backside**.
9. RDMO CMT TRK
10. SI well and WOC to Cure.

11. 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.