

Operator: Synergy Resources Corporation
Well Name: Lakes 31-43D
Legal: NWSE, Section 31, Township 6N, Range 66W
Location: Weld County, CO
API: 05-123-28181
Surface: 8.625" 24# @ 819' **Hole Size:** 12.25" **TOC:** Surface
Production: 4.5" 11.6# @ 7372' **Hole Size:** 7.875" **TOC:** 6530' (CBL)
Perforations: 7,050'-7,072' (Nio), 7,240'-7,260' (Codell)
TD: 7,372'

P&A Procedure

1. Conduct pre-job safety meeting and complete daily JSA
2. Blow down well if necessary, circulate hole with treated water
3. Dig out around wellhead and check surface annulus for pressure
4. MIRU WO unit, ND wellhead, NU BOP, tally all pipe
5. TIH w/ 4-1/2", 11.6# retainer, set at 7,000' and squeeze perfs (10 sxs)
 - a. Release off of retainer and pump 5 sx on top to create 50' plug
 - b. TOOH
6. Pressure test csg to 500 psi for 15 minutes
7. TIH to 870' and pump an 870' balance plug (0' – 870')
 - a. 85 sx of 15.8# class G neat 1.15 cu./ft. yield cement, (870' – 0')
 - b. 50' out of surface casing
 - c. Wait 4 hours and tag plug
8. RDMO WO unit
9. Dig up wellhead and cut off 10' below restored ground level, top off if necessary
10. Weld on cap with ID plate, inscribed with well location, and identity
11. Backfill, clean location
12. P&A complete