



## Exploration and Production Well P&A Procedure

Wellname **PA 431-6**  
Location **NWNE 6 7S95W 6**  
Field **PARACHUTE**  
County **Garfield**  
API **05-045-09570**

Prepared By: Christian Carroll  
Phone: 985-707-3640

Revision Date:  
9/11/2024

ELEV 5202 ft  
Footages 451FNL 1983 FEL

Casing: 9-5/8" 32.3# @ 713'  
4-1/2" 11.6# @ 6,648'

Current Top of Cement: 2,500

**Purpose: Plug and abandon**

**Cement Specs: 15.8# Class G, 1.15 ft<sup>3</sup>/sks, 4.564 gal/sack water mix**

### Proposed Procedure

- 1 Notify ECMC via Form 42, 48 hrs prior to start of activity.
- 2 POOH tubing string
- 3 RIH w/ WL set CIBP @ 4,675' in 4-1/2" csg (top perf @ 4,688', TOC @ 2,500')
- 4 Dump bail 4 sks of cmt on top of CIBP @ 4,675' in 4-1/2" casing.
- 5 TOOH to 3,460'
- 6 Pump 31 sks cmt, cementing 4-1/2" production csg from 3,060'-3,460' (Ohio Creek-L Wasatch plug)
- 7 Shoot 3 holes in 4-1/2" casing @ 1,760'
- 8 Set cmt retainer @ 1,710'
- 9 Stab into retainer and establish circulation
- 10 Notify ECMC PE if unable to establish circulation
- 11 Pump 123 sks cmt, cementing 4-1/2" production csg and annulus from 1,381'-1,760' (Ft Union-Wasatch G plug)
- 12 PU out of stringer and pump remaining 25 sks cmt, cementing inside of 4-1/2" csg from 1381-1710'
- 13 Let cement set overnight, RIH tag cement, Report well pressures and tag to engineering
- 14 RIH w/ WL set CIBP @ 1,000,' in 4-1/2" csg (287' below surface csg shoe)
- 15 Shoot 3 holes in 4-1/2" casing @ 995'
- 16 RIH w/ tbq, tag CIBP, and establish circulation
- 17 Notify ECMC PE if unable to establish circulation
- 18 Pump 133 sks cmt with expansion adds, cementing 4-1/2" prod. csg and annulus from 613-1,000' (Surface Csg Shoe plug)
- 19 Shoot 3 holes in 4-1/2" casing @ 100'
- 20 Establish circulation down production csg and up surface csg, Notify ECMC PE if unable to establish circulation
- 21 Pump 37 sks cmt, cementing 4-1/2" production csg and annulus from surface-100' (Top out plug)
- 22 Submit wireline and cement field tickets to engineer
- 23 Monitor well for 5 days to ensure successful plugging
- 24 Cut off wellhead, top out cement if necessary
- 25 Weld a steel plate dryhole marker (Above Ground) with a weep hole on top of casing (See Details Below)
- 26 Submit subsequent Form 6 to ECMC
- 27 Backfill cellar
- 28 Properly abandon flowline as required per ECMC Rule 1105
- 29 File electronic Form 42 after flowline abandonment is complete

### Dryhole Marker Details

1. Operator: TEP Rocky Mountain LLC
2. Well Name and Number: PA 431-6
3. Surveyed Location: NWNE 6 7S95W 6
4. API Number: 05-045-09570