



Exploration and Production

Well P&A Procedure

Wellname **DIAMOND ELK #PA 11-12** Prepared By: Jonathan Humphreys Revision Date:
Location **NWNW 12 7S95W 6** Phone: 573-466-0068 2/9/2026
Field **PARACHUTE SOUTH**
County **GARFIELD**
API **05-045-15989**

ELEV 6,154'
Footages 978 FNL 1,139 FWL (Planned)

Casing:
9-5/8" 32.3# @ 1,119'
4-1/2", 11.6# @ 7,943'

Current Top of Cement: 3,435-ft

Purpose: Plug and abandon

Cement Specs: 15.8# Class G, 1.15 ft³/sks, 4.564 gal/sack water mix

Proposed Procedure

- 1 Notify ECMC via Form 42, 48 hrs prior to start of activity.
- 2 MIRU workover rig, POOH 7,422' 2-3/8" 4.7# J-55 tbg
- 9 RIH w/ WL set CIBP @ 6,768' in 4-1/2" csg (top perf @ 5,818', TOC @ 3,435')
- 10 Dump bail 3 sks of cmt on top of CIBP @ 6,768' in 4-1/2" casing.
- 11 RIH w/ pkr and isolate csg leak (assumed shallow pinhole leak); determines plug depth in steps 23-24
- 12 Pressure test 4-1/2" casing below leak to 1,000 psi for 30 minutes. Notify ECMC/BLM if test fails.
- 13 RIH with tubing to +/-6,730' and pump +/-35 bbls 9 ppg kill fluid
- 14 RIH to 4,495' and pump 53 sks cmt, cementing inside 4-1/2" production csg from 3,800-4,495' (L Wasatch plug)
- 15 POOH above TOC at 3,800'; reverse out and pump +/-24 bbls 9 ppg kill fluid
- 16 POOH SB tbg, RIH w/ WL and shoot 3 holes at 2,298'; attempt to establish circulation down production csg and up surface csg
- 17 RIH w/ tbg to 2,298'; pump 34 sks cmt, cementing 4-1/2" prod csg and annulus from 2,198-2,298' (Wasatch G plug)
- 18 POOH above TOC at 2,198'; reverse out and pump +/-16 bbls 9 ppg kill fluid
- 19 POOH SB tbg, RIH w/ WL set CIBP @ 1,190' in 4-1/2" csg (50+' below surface csg shoe)
- 20 Shoot 3 holes in 4-1/2" casing @ 1,183' and establish circulation down production csg and up surface csg
- 21 Pump 58 sks cmt, cementing 4-1/2" production csg and annulus from 1,033-1,183' (Surface Csg Shoe plug)
- 22 POOH LD tbg
- 23 Shoot 3 holes in 4-1/2" casing @ 550' and establish circulation down production csg and up surface csg
- 24 Pump 41 sks cmt, cementing 4-1/2" production csg and annulus from 450-550' (Production Csg Leak plug)
- 25 Note: Exact Csg leak depth is TBD
- 26 Shoot 3 holes in 4-1/2" casing @ 50' and establish circulation down production csg and up surface csg
- 27 Pump 21 sks cmt, cementing 4-1/2" production csg and annulus from surface-50' (Top out plug)
- 28 Submit wireline and cement field tickets to engineer
- 29 Monitor well for 5 days to ensure successful plugging
- 30 Perform 15 minute bubble test, cut off wellhead, top out cement if necessary
- 31 Weld a steel plate dryhole marker (Above Ground) with a weep hole on top of casing (See Details Below)
- 32 Submit subsequent Form 6 to ECMC
- 33 Backfill cellar

Dryhole Marker Details

1. Operator: TEP Rocky Mountain LLC
2. Well Name and Number: DIAMOND ELK #PA 11-12
3. Surveyed Location: NWNW 12 7S95W 6
4. API Number: 05-045-15989