



Exploration and Production Well P&A Procedure

Wellname **CLOUGH #W-86-29**
Location **SWNE 29 6S94W 6**
Field **North Rulison**
County **Garfield**
API **05-045-06612**

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Revision Date:
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ELEV 5,222'
Footages 1,520' FNL 1,475 FEL

Casing:

8-5/8" 24# @ 319-ft
4-1/2", 11.6#&10.5# @ 1,788'

Current Top of Cement: 750-ft (Hard Copy CBL)

Purpose: Plug and abandon

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

Proposed Procedure

- 1 Notify COGCC via Form 42, 48 hrs prior to start of activity.
- 2 POOH tubing string
- 3 RIH w/ WL set CIBP @ 1,274' in 4-1/2" csg (top perf @ 1,324', TOC @ 750')
- 4 Dump bail 2 sks of cmt on top of CIBP @ 1,274' in 4-1/2" casing.
- 5 Pressure test casing to 500 psi for 15 minutes. Notify COGCC if test fails.
- 6 If test fails, RIH w/ pkr to below TOC (750') and test CIBP to 500 psi for 15 minutes
- 7 PU pkr and test csg to determine location of csg leak
- 8 If csg leak is discovered below surface csg shoe, RIH w/ cmt retainer and sqz leak accordingly
- 9 If csg leak is discovered above surface csg shoe, procede with surface csg shoe cmt job
- 10 Shoot 3 holes in 4-1/2" casing @ 419' and establish circulation down production csg and up surface csg
- 11 Pump 58 sks cmt, cementing 4-1/2" production csg and annulus from 219-419'
- 12 Cut and pull 4-1/2" production csg from 200' to surface
- 13 RIH w/ WL set CIBP @ 190' in 8-5/8" surface csg
- 14 Dump bail 2 sks of cmt on top of CIBP @ 190' in 8-5/8" surface csg
- 12 RIH to 50' and circulate 16 sks cmt to surface in 8-5/8" surface csg.
- 13 Submit wireline and cement field tickets to engineer
- 14 Monitor well for 5 days to ensure successful plugging
- 15 Cut off wellhead, top out cement if necessary
- 16 Weld a steel plate dryhole marker (Above Ground) with a weep hole on top of casing (See Details Below)
- 17 Submit subsequent Form 6 to COGCC
- 18 Backfill cellar

Dryhole Marker Details

1. Operator: TEP Rocky Mountain LLC
2. Well Name and Number: CLOUGH #W-86-29
3. Surveyed Location: SWNE 29 6S94W 6
4. API Number: 05-045-06612