

UPRR 42 Pan Am AL #1 (73790)

P&A

1. Call Foreman or Lead Operator at least 24 hr prior to rig move. Request that they remove plunger, isolate production equipment and remove any automation equipment prior to the rig showing up. Install perimeter fence as needed.
2. Provide 24 hr notice of MIRU to COGCC as specified on approved Form 6.
3. Notify CDC when rig moves on location to generate workorder for flowline removal and one call for line locates.
4. Prepare location for base beam rig to move onto.
5. MIRU WO rig. Kill well as necessary w/ water containing biocide. ND WH, NU BOP.
6. Unseat and LD landing joint.
7. PU w/ 2-3/8" tbg (4.7#, J-55, 8RD EUE) to break any sand bridges. Do not exceed the safety tensile load of 57,384 lbs (80% of upset yield strength). TOOH and SB 2-3/8" tbg.
8. PU and RIH w/ scraper on 2-3/8" tbg for 4.5" (10.5#) prod csg to 8,150' (+/- 268 jts). TOOH and SB tbg. LD scraper.
9. PU, RIH, and set CIBP to +/- 8,100' for 4.5" 10.5# prod csg on 2-3/8" tbg (+/- 266 jts). Pressure test CIBP to 1000 psi for 15 min. TIH bailer w/ 2 sx of cement and spot on top of CIBP. POOH bailer. TOOH and SB tbg.
10. MIRU wireline. Run CBL-CCL from CIBP (+/- 8,100) to surface. If cement is not higher than 7,400 contact Engineer in Evans. Send logs to engineer and input logs into DVFR. RDMO wireline.
11. PU, RIH, and set CIBP for 4.5" 10.5# prod csg on 2-3/8" tbg to +/- 7,660' (+/- 252).

12. Spot 45 sx of Class G cement w/ 20% silica flour, 0.4% CD-32, 0.4% ASA-301 and R-3 to achieve 2:30 pump time mixed at 15.8 ppg and 1.38 cuft/sk on top of CIBP from +/- 7,660 to +/- 7,000'.
13. TOOH w/ 2-3/8" tbg to +/- 6,500' (16 jts) and circulate to clean tbg and fill hole w/ 9.0 ppg mud. Let cement set for 4 hrs or overnight.
14. Tag TOC w/ tbg at +/- 7,000'. TOOH and SB 2-3/8" tbg.
15. MIRU E-line. PU and RIH perf gun (3 spf, "Big Hole" 0.6" EHD, 7" penetration, 120° phasing, 1' net, 3 total holes) to 5,400'. Perf prod csg and POOH. Establish circulation with 9.0 ppg mud. If circulation cannot be established contact Engineer in Evans.
RDMO E-line.
16. PU CICR from 4.5" csg on 2-3/8" tbg. TIH and set to 4,540'. Spot 560 sx of Class G cement w/ 0.4% CD-32, 0.4% ASA-301 mixed at 15.8 ppg and 1.15 cuft/sk from +/- 4,540 to +/- 5,400. Displace with 17.5 bbls of mud so when stinging out of CICR there is +/- 2 sx of cement on top of CICR.
17. Sting out of CICR and place cement in tbg on top of CICR. POH to 4,000 (+/- 18 jts) and circulate to clean tbg. TOOH and SB 46 jts of tbg and LD remainder.
18. MIRU slickline. PU jet cutter and cut prod csg (4.5", 10.5#) at +/- 1,100'. POOH and LD jet cutter and prod csg.
19. RIH 2-3/8" tbg inside cut csg to +/- 1,200'. Spot 430 sx of type III cement w/ cello flake and CaCl₂ as deemed necessary from +/-1,200' to 100'. POOH and SB 4 jts, LD remainder. Let cement set for 4 hrs or overnight.
20. PU CIBP for 8-5/8" csg on 2-3/8" tbg and tag TOC (+/- 100' or +/- 3 jts). Set CIBP 1' above TOC. TOOH and LD 2-3/8" tbg.

21. RDMO WO rig.
22. Wellsite supervisor should turn all paper copies of cementing reports/invoices and logs into Sabrina Frantz.
23. NOTE: During the job, wellsite supervisor should instruct the logging and cementing contractors to e-mail all logs, job reports/invoices to Sabrina Frantz.
24. Have excavation contractor notify One-Call to clear for digging around wellhead and flowline removal.
25. MIRU ready cement mixer. Fill the last 50' inside the 4-1/2" prod. casing until 10' below surface. Use 4,500 psi compressive strength redi-mix cement (Sand and Cement only, no gravel) to finish filling surface casing to top of cut off.
26. Check top of cement inside 8-5/8" surface casing at least 5' below ground level.
27. Have welder spot weld on steel marker plate. (Note: marker shall be labeled with well name and number, legal location (¼ ¼ description) and API number.
28. Properly abandon flowlines as per rule 1103.
29. Have excavation contractor back fill hole with native material. Clean up location and have leveled to plant any vegetation required.
30. Submit Form 6 to COGCC. Provide "As Plugged" wellbore diagram identifying the specific plugging completed.