

ARISTOCRAT 32-9-2

1. Check with Kurt Weaver (970-590-6274) to make sure Gyro survey has been done prior to MIRU. If Gyro survey has been done skip step 3. If not proceed with prog as is.
2. Call Foreman or Lead Operator at least 24 hr prior to rig move. Request that they catch and remove plunger, isolate production equipment and remove any automation equipment prior to the rig showing up. Install perimeter fence as needed.
3. MIRU slickline services (and VES if gyro is required). Pull bumper spring, tag bottom and run gyro survey (as needed –from 4550' to surface with stops every 100'). Forward gyro survey data and invoices to Sabrina Frantz. RDMO slickline services (and VES).
4. Provide notice of MIRU to COGCC field inspector as specified in approved Form 6.
5. Notify CDC when rig moves on location to generate workorder for flowline removal and one call for line locates.
6. Prepare location for base beam rig.
7. MIRU WO rig. Kill well using water and biocide. ND wellhead.NU BOP.
8. Notify cementer of blends and volumes.
9. PUH w/ tbg to break any sand bridges, noting not to exceed the safety tensile load of 2-3/8", 4.7# tbg of 57,384 lbs. (80% of upset joint yield strength).
10. TOO H with 2-3/8" tbg and stand back.
11. MIRU WL. RIH with Junk Basket/Gauge Ring on WL to ± 4415'. TOO H with Junk Basket/Gauge Ring.
12. PU and RIH with CIBP for 5-1/2", 15.5# K-55 csg at 4415' (60' above top SX perms 4475-4538').POOH. Pressure test plug to 1000 psi for 15 min. Dump bail 2 sx of cement on top of CIBP.
13. Run CBL from 4400 to surface to find existing TOC in wellbore. Forward CBL to a.Leila.Shahryari@anadarko.com .If TOC is less than 4200' do not proceed with prog and wait on Evans engineer for prog modification. RDMO WL.
14. Run 2-3/8" tbg to spot a 200' long balanced plug from 4415'-4210' above CIBP. Test tbg to 3000 psi.
15. MIRU Cementer. Circulate 25sx of cement (G w/0.25 pps cello flake, 0.4% CD-32, 0.4% ASA 301 mixed at 15.8 ppg and 1.15 cuft/sk) of top of CIBP to approximately TOC at 4210' (200' above top of Sussex). PUH w/ tbg, SB and LD. MO Cementer.
16. MIRU WL. TIH with jet cutter and cut casing at the "closest joint" to 900' (50' below base of Fox Hills). RDMO WL.
17. ND BOP & tbg head.
18. NU BOP w/ 5-1/2" pipe rams on the 8-5/8" csg head.
19. PU csg. Circulate wellbore with drilling mud. TOO H and LD 5-1/2" csg. If unable to pull production csg contact engineer/COGCC for plugging modification.
20. TIH with tbg open ended to land EOT 1000' (100' below production casing stub at 900').
21. MIRU cementer. Spot 165 sx (0.0238 bbl/Inft PC, 7.875" OH + 20% , 0.0636 bbl/Inft SC) of cement (Type III w/ CaCl2) from 1000' in 5-1/2" stub to at least 200' (inside the surface casing) (plug from 1000'-240'). TOO H w/ tubing and stand back 240' tbg in derrick. RDMO Cementer.
22. WOC 4 hours or overnight.

23. TIH with tbg and tag cement plug. Record tagging plug in Openwells report. Lay down all tbg.
24. RU WL. Set 8-5/8" CIBP at approximately 100' (inside surface csg). Pressure test CIBP to 1000 psi for 15 min. (If CIBP does not hold contact Evans engineer and do not RDMO WO rig).
25. RDMO WO rig.
26. Cut surface casing 5 ft below ground level and weld on cap.
27. Wellsite supervisor turn all paper copies of cementing reports/invoices and logs in to Sabrina Frantz.
28. NOTE: During the job, wellsite supervisor should instruct the logging and cementing contractors to e-mail all logs, job reports/invoices to Sabrina Frantz.
29. Have excavation contractor notify One-Call to clear for digging around wellhead and flowline removal.
30. Check top of cement inside 8-5/8" surface casing. If cement is not of sufficient height (less than 25' below ground level), place redi-mix cementer on will call.
31. Excavate hole around surface casing of sufficient size and depth to allow welder to cut off 8-5/8" surface casing at least 5' below ground level.
32. Have welder cut off 8-5/8" surface casing at least 5' below ground level.
33. If needed, MIRU ready cement mixer. 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.
34. Have welder weld on steel marker plate. (Note: marker shall be labeled with well name and number, legal location (¼ ¼ description) and API number.
35. Properly abandon flowlines as per Rule 1103.
36. Have excavation contractor back fill hole with native material. Clean up location and have leveled to plant any vegetation required.
37. Submit Form 6 to COGCC. Provide "As Plugged" wellbore diagram identifying the specific plugging completed.