Strear 13-10 P&A (74471)

1. Call foreman or Lead Operator before rig up to isolate and remove automation and production equipment. Install fence if needed.
2. MIRU slickline services & VES. (Note: No Tubing in the well, RBP @ 7190' and 7140' with sand on top). (Gyro has been requested 11/21/13). RDMO SL.
3. Note: RBP was set using TBG. , therefore spot ~ 230 jts of 2-3/8" J-55 TBG.
4. Provide notice to COGCC prior to MIRU per Form 6 COA.
5. Notify IOC when rig moves on location to generate work order for flowline removal and one call for line locates.
6. Prepare location for base beam rig.
7. MIRU WO rig. Kill well; circulate as necessary, with water containing biocide. ND wellhead. NU BOP's. Unseat landing joint and lay down.
8. Place cement services on will call when rig moves on location, providing expected volumes of cement needed. (~200sx for top plug; ~65 sx for Sx/Sh plug and 30 sx for NB/CD plug).
9. PU and TIH w/ retrieving head on 2-3/8" TBG to depth of +/- 7140'. Reverse-Circulate with clean water with biocide. Latch on to RBP. Engage equalizing port and allow to equalize. Contact RMOR to get the retrieving tool.
10. Retrieve RBP. TOOH slowly. LD RBP
11. PU and TIH w/ retrieving head on 2-3/8" TBG to depth of +/- 7190'. Reverse-Circulate with clean water with biocide. Latch on to RBP. Engage equalizing port and allow to equalize. Contact RMOR to get the retrieving tool.
12. Retrieve RBP. TOOH slowly. LD RBP
13. MIRU wireline services. RIH gauge ring for 4-1/2" casing to 7300'.

14. PU 4-1/2" CIBP and RIH to 7250', set CIBP. Note: PT CIBP to 1000 psi
15. RIH on 2-3/8" TBG to 7250'.
16. Initiate circulation using water containing biocide. Note rate and pressure.
17. MIRU cementing services. Pump 30 sx of Class "G" cement with 20% silica flour, 0.4% ASA – 301 & R-3; 0.4% CD-32 mixed at 15.8 ppg and 1.38 cuft/sk yield to achieve a 2:30 pump time. (cement from 7250' to 6860')
18. PUH 6 stands. Circulate (TBG Vol + Excess) to CLR TBG. RD cementing services
19. Load hole and circulate with 9.0 ppg mud containing biocide.
20. PUH to 5170' of TBG. LD remainder.
21. RU cementing services. Preflush with 5 bbl H2O.
22. Spot 65 sx of Class "G" cement with 0.4% CD-32 and 0.4% ASA-301 with 1.15 cuft./sk yield..
23. PUH 22 stands. Circulate 9.0 ppg mud with biocide to CLR TBG.
24. TOOH & WOC 4 hrs. TIH and tag cement, if tag below 4282' top as necessary.
25. P&SB **1340'** TBG, LD remainder. RD cementing services.
26. RU wireline services. Crack closest coupling at **1240'** or shoot off. RD wireline.
27. Circulate with mud w/ biocide.
28. NDBOP, NDTH.
29. NU BOP on casing head. Install 4-1/2" pipe rams.
30. TOOH with 4-1/2" casing and lay down.
31. RIH with 2-3/8" TBG into casing stub to **1340'**.
32. RU Cementing services. Spot 200 sx (Open Hole diameter from caliper of 9" with 20% excess) of Type III cement from 1340' to 700' (Mixed at 14.0 ppg and 1.53 cuft/sk). PUH & circulate 9.0 PPG mud w/ biocide to clear TBG. TOOH. WOC 4 hrs
33. TIH and tag cement plug. If plug top is below 700', top as necessary.

34. MIRU wireline services. PU 8-5/8" CIBP and RIH to 100'. Set CIBP. Pressure test CIBP to 1000 psi for 15 minutes. If plug tests, RDMO wireline and WO rig.

35. Wellsite supervisor turn all paper copies of cementing reports/invoices and logs in to Sabrina Frantz. NOTE: During the job, wellsite supervisor should instruct the logging and cementing contractors to e-mail all logs, job reports/invoices to Sabrina Frantz.

36. Have excavation contractor notify One-Call to clear for excavating around wellhead and flowline removal.

37. Excavate hole around surface casing of sufficient size and depth to allow welder to cut off 8-5/8" surface casing and at least 5' below ground level.

38. Have welder cut off 8-5/8" surface casing at least 5' below ground level.

39. MIRU ready cement mixer. Use 4,500 psi compressive strength redi-mix cement (sand and cement only, no gravel) Fill STUB. RDMO cement services.

40. Have welder spot weld steel marker plate on top of surface casing. (Note: marker shall be labeled with well name and number, legal location (¼ ¼ description) and API number.

41. Properly abandon flowlines as per Rule 1103.

42. Have excavation contractor back fill hole with native material. Clean up location and have leveled.

43. Submit Form 6 to COGCC. Provide "As Plugged" wellbore diagram identifying the specific plugging completed.