Laber 44-24

API# 05-013-06578

P&A

DRAFT

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Workover Superintendent:	Matt Rohret
VP, DJ Operations:	John Schmidt

Attachments:

Attachment 1 – Current Wellbore Diagram
Attachment 2 – Proposed Wellbore Diagram

Safety
Safety meetings are to be held with all service company personnel prior to each job. Wellsite supervisor must notify contractors as to known hazards of which the contractors may be unaware. Well site supervisor must ensure that all workers are aware of their responsibilities and duties under the EH&S guidelines. All safety meetings will be recorded on the Crestone Peak Resources daily completion reports in Wellview. Follow best practices for well control and proper handling of gas, oil and well fluids.

Regulations
All verbal notifications and approval from government regulatory agencies will be recorded on the Crestone Peak Resources daily report. The name of the individual contacted and the subject matter of approval or notification will be recorded.

Reason for Work
Sub-economic well.

a) Casing to be pulled: Yes. Plan to cut and pull 4-1/2" 11.6# production casing at 1550'.
b) Fish in hole: No
c) Wellbore has uncemented casing leaks: No

Additional COGCC COAs

Objective:
Run gyro. Set CIBP above J Sand perfs. Set CIBP above Niobrara perfs. Pump internal cement plug across Sussex/Shannon. Cut casing at 1550'. Cut casing above cement squeeze TOC. Pump balanced plugs to surface.

Procedure:

1. Submit electronic Form 42 to COGGC 48 hours prior to performing Form 17 Bradenhead Test.
2. Perform Form 17 Bradenhead Test and sample for gas, water, and oil per COGCC Regulation. Note: Bradenhead test performed on 05/17/2017 COGCC DOC# 401289467.
3. Submit electronic Form 42 to COGGC 48 hours prior to MIRU.
4. Submit form for Ground Disturbance Permit. Get One Call.
5. Notify Automation and Production Department.
6. RU Slick line, pull plunger and bumper spring.
7. POOH. Pick up gyro tool and RIH to seat nipple depth at ~7956'.
8. Record station data.
9. Pull up hole to 7900'. Record station data.
10. Pull up hole and record data every 100' to surface.
11. POOH. Lay down gyro tool.
12. Hold a pre-job safety meeting. Discuss all aspects of the procedure with any involved personnel. Identify and address any safety concerns before the job begins.
13. MIRU pulling unit. Kill well with treated produced water (5 gal/100 bbls BH XC1427 biocide).
14. ND wellhead, NU BOP.
15. Un-land tubing.
16. TOOH with tubing.
17. RIH with bit and scraper. Tag.
18. TOOH with tubing.
19. RU wireline.
20. RIH with wireline and set CIBP @ 7910' (72' above top J Sand perforation). Ensure that CIBP is set in the middle of the joint of casing.
21. POOH with wireline.
22. RIH with wireline and dump bail 4 sx cement on top of CIBP.
23. POOH with wireline.
24. TIH with tubing and set CIBP @ 7250' (62' above top Niobrara perforation). Ensure that CIBP is set in the middle of the joint of casing. Lay down 1 joint, load hole, and pressure test plug to 500 psi. Hold pressure for 15 minutes. Chart pressure on 1000 psi pressure chart.
25. Set a balanced plug with 40 sx (~8 bbl) of cement on top of CIBP from ~6723' to 7250'.
26. Pull tubing above cement plug with about 30 joints (15 stands). Reverse circulate to clear tubing.

27. TOOH with tubing.

28. Ensure hole is full. Run conventional CBL from 6000' to surface. **Call Production Engineering with results. Discuss any changes to procedure.**

29. TIH with tubing and set CIBP @ 5200' (250' below Shannon base). Ensure that CIBP is set in the middle of the joint of casing. Lay down 1 joint, load hole, and pressure test plug to 500 psi. Hold pressure for 15 minutes. Chart pressure on 1000 psi pressure chart.

30. Set a balanced plug with 100 sx (~20 bbl) of cement on top of CIBP from ~3882' to 5200'.

31. Pull tubing above cement plug with about 50 joints (25 stands). Reverse circulate to clear tubing.

32. TOOH with tubing.

33. RIH with wireline and set CIBP @ 1600'. Ensure that CIBP is set in the middle of the joint of casing and pressure test plug to 500 psi. Hold pressure for 15 minutes. Chart pressure on 1000 psi pressure chart.

34. POOH with wireline.

35. RIH with wireline and dump bail 2 sx cement on top of CIBP.

36. POOH with wireline.

37. ND 7-1/16" BOP, NU 11" BOP.

38. RU wireline.

39. RIH with wireline and jet cutter and cut 4-1/2" production casing at 1550'.

40. Circulate and condition hole.

41. Pull up 4-1/2" production casing. Pump a balanced plug with 195 sx (~48 bbl) gas check cement from ~940' to 1550'.

42. POOH with 4-1/2" casing. Lay down casing.

43. Wait on cement overnight.

44. TIH with 2-3/8" tubing. Tag stub plug. Note tag depth and report tag depth to Production Engineer.

45. Pull up with 2-3/8" tubing to 900'.

46. Pump a balanced plug with 205 sx (~42 bbl) cement from ~290' to 900'.

47. TOOH with tubing, standing back 20 joints (10 stands) in derrick and laying down next 20 joints in singles.

48. TIH with tubing to 290'. Spot a balanced plug with 95 sx (~19 bbl) cement from 290' to surface.

49. TOOH with tubing. Lay down tubing.

50. Top off surface casing if necessary.

51. Contact Maintenance Supervisor for flowline abandonment plan forward. Fill flowline with cement if necessary.

52. ND BOP, RDMO pulling unit.

53. Per ground disturbance procedure/policy, excavate around wellhead. Notify Environmental Department for surface review and inspection while digging.

54. Cut off casing 4’ below ground level.

55. Weld on metal plate and dry hole marker.

56. Contact surveyor to acquire as-built surface location.

57. Notify Integrity Department to properly abandon flowlines as per Rule 1103. File electronic Form 42 once abandonment is complete.

58. Restore surface location.

59. Ensure all cement tickets are emailed to the Denver office for subsequent reporting. Emails shall be sent to Production Engineer, Workover Coordinator, and Production Technician.