

State of Colorado  
Oil and Gas Conservation Commission

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FOR OGC USE ONLY

BRADENHEAD TEST REPORT

Step 1: Record all tubing and casing pressures at flow.  
Step 2: Record all pressures at shut-in.  
Step 3: Conduct Bradenhead test.  
Step 4: Conduct Intermediate casing test.  
Step 5: Record all pressures at shut-in.  
Step 6: Record all pressures at flow.  
Step 7: Record all pressures at flow.  
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Step 100: Record all pressures at flow.

1. OGC Operator Number: 12-10-19

2. Name of Operator: FCM

3. BLM Lease No: 30-14-11

4. API Number: FCM

5. Multiple completion? ☐ Yes ☒ No

6. Well Name: FCM

7. Location (Quadr. Sec. Twp. Rng. Meridian): 30-14-11

8. County: Weld

9. Field Name: FCM

10. Minerals: ☐ Fee ☐ State ☐ Federal ☐ Indian

11. Date of Test: 12-10-19

12. Well Status: ☐ Flowing ☒ Shut In

13. Number of Casing Strings: ☐ One ☐ Two ☐ Three ☐ Other

14. Record all pressures as found

15. STEP 1: EXISTING PRESSURES

16. STEP 2: See instructions above.

16. STEP 3: BRADENHEAD TEST

Buried valve? ☐ Yes ☒ No Confirmed open? ☒ Yes ☐ No

With gauges monitoring production, intermediate casing and tubing pressures, open surface casing (bradenhead) valve (if no intermediate casing, monitor only the production casing and tubing pressures). Record pressures at five minute intervals. Define characteristics of flow in "Bradenhead Flow" column using letter designations below:

D = No Flow; C = Continuous; D = Down to 0; V = Vapor; H = Water H2O; M = Mud; W = Whelpen; S = Surge; G = Gas

BRADENHEAD SAMPLE TAKEN?

☐ Yes ☒ No ☐ Gas ☐ Liquid

Character of Bradenhead fluid: ☐ Clear ☐ Fresh

☐ Sulfur ☐ Salty ☐ Black

☐ Other: (describe)

Sample cylinder number: 0

Note instantaneous Bradenhead PSIG at end of test: 0

17. STEP 4: INTERMEDIATE CASING TEST

Buried valve? ☐ Yes ☐ No Confirmed open? ☐ Yes ☐ No

With gauges monitoring production casing and tubing pressures, open the intermediate casing valve. Record pressures at five minute intervals. Characterize flow in "Intermediate Flow" column using letter designations below:

D = No Flow; C = Continuous; D = Down to 0; V = Vapor; H = Water H2O; M = Mud; W = Whelpen; S = Surge; G = Gas

INTERMEDIATE SAMPLE TAKEN?

☐ Yes ☐ No ☐ Gas ☐ Liquid

Character of intermediate fluid: ☐ Clear ☐ Fresh

☐ Sulfur ☐ Salty ☐ Black

☐ Other: (describe)

Sample cylinder number: 0

Note instantaneous Intermediate Casing PSIG at end of test: 0

18. Comments:

19. STEP 5: See instructions above

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct, and complete.

Test Performed by: FCM Title: FCM

Signed: FCM Date: 12-10-19

WITNESSED BY: \_\_\_\_\_ Title: \_\_\_\_\_