

# State of Colorado Oil and Gas Conservation Commission

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FOR OGCC USE ONLY

## BRADENHEAD TEST REPORT

Step 1. Record all tubing and casing pressures as found.  
Step 2. Sample now, if intermediate or surface casing pressure >25 psi. In sensitive areas, 1 psi.  
Step 3. Conduct Bradenhead test.  
Step 4. Conduct Intermediate casing test.  
Step 5. Send report to BLM within 30 days and to OGCC within 10 days. Include wellbore diagram if not previously submitted or if wellbore configuration has changed since prior program. Attach gas and liquid analyses if sampled.

1. OGCC Operator Number: 10112  
2. Name of Operator: Foundation Energy Management  
3. BLM Lease No:  
4. API Number:  
5. Multiple completion? ☐ Yes ☒ No  
6. Well Name: Miller Number: 33-32  
7. Location (QtrQtr, Sec, Twp, Rng, Meridian):  
8. County: Yuma  
9. Field Name:  
10. Minerals: ☐ Fee ☐ State ☐ Federal ☐ Indian

11. Date of Test: 5-6-21  
12. Well Status: ☒ Flowing ☐ Shut In  
☐ Gas Lift ☐ Pumping ☐ Injection  
☐ Clock/Intermittent  
☐ Plunger Lift  
13. Number of Casing Strings: N/A  
☐ Two ☐ Three ☐ Liner?

14. STEP 1: EXISTING PRESSURES  
Record all pressures as found  
Tubing: N/A Fm:  
Tubing: Fm:  
Prod. Casing: 55.5 Fm:  
Intermediate Cag:  
Surface Casing: ☒

15. 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:  
O = No Flow; C = Continuous; D = Down to 0; V = Vapor  
H = Water H2O; M = Mud; W = Whisper; 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:  
Elapsed Time (Min:Sec) Fm: Tubing: Fm: Tubing: Production Casing PSIG Intermediate Casing PSIG Bradenhead Flow:  
00: N/A 55.5 0  
05: 55.4 0  
10: 55.4 0  
15: 55.5 0  
20: 55.5 0  
25: 55.4 0  
30: 55.5 0  
Note instantaneous Bradenhead PSIG at end of test: > ☒

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:  
O = No Flow; C = Continuous; D = Down to 0; V = Vapor  
H = Water H2O; M = Mud; W = Whisper; 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:  
Elapsed Time (Min:Sec) Fm: Tubing: Fm: Tubing: Production Casing PSIG Intermediate Casing PSIG Intermediate Flow:  
00:  
05:  
10:  
15:  
20:  
25:  
30:  
Note instantaneous Intermediate Casing PSIG at end of test: >

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: Brian McCaskill Title: Pumpjack Phone: 970-630-5245  
Signed: B. McCaskill Title: Date: 5-6-21  
WITNESSED BY: Title: Agency: