



# 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: 10672  
2. Name of Operator: Timber Creek Operating LLC BLM Lease No: \_\_\_\_\_  
4. API Number: 05-071-08248-003 Multiple completion? ☐ Yes ☐ No  
6. Well Name: Hill Ranch Number: 33-04X  
7. Location (Qtr/Sec, Twp, Rng, Meridian): NW/1W 33-34S-167W  
8. County: Las Animas 9. Field Name: Purgatorio River  
10. Minerals: ☒ Fee ☐ State ☐ Federal ☐ Indian

11. Date of Test: 2/21/20

12. Well Status: ☐ Flowing ☐ Shut In  
☐ Gas Lift ☐ Pumping ☐ Injection  
☐ Clock/Intermittent  
☐ Plunger Lift

13. Number of Casing Strings  
☐ Two ☐ Three ☐ Liner?

### 14. STEP 1: EXISTING PRESSURES

Record all pressures as found	Tubing Fm: <u>33</u>	Tubing Fm: _____	Prod. Casing Fm: <u>3</u>	Intermediate Csg Fm: _____	Surface Casing Fm: <u>0</u>
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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	<u>33</u>		<u>3</u>		<u>0</u>
05	<u>33</u>		<u>3</u>		<u>0</u>
10	<u>33</u>		<u>3</u>		<u>0</u>
15	<u>33</u>		<u>3</u>		<u>0</u>
20	<u>33</u>		<u>3</u>		<u>0</u>
25	<u>33</u>		<u>3</u>		<u>0</u>
30	<u>33</u>		<u>3</u>		<u>0</u>

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: Test performed at 11:00am

### 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: Ashley Sanchez Title: Automation Phone: 719-859-4541

Signed: Ashley Sanchez Title: Specialist Date: 2/21/20

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