



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 3 BLM Lease No: _____
4 API Number: 05-071-09113 5 Multiple completion? ☒ Yes ☐ No
6 Well Name: Co 32-02 Number: _____
7 Location (Qtr, Sec, Twp, Rng, Meridian): N 1/4 Sec 32 - 33S-67W
8 County: LAS ANIMAS 9 Field Name: PALMATORIO RIVER
10 Minerals: ☒ Fee ☐ State ☐ Federal ☐ Indian

11 Date of Test: 1-30-20

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

13 Number of Casing Strings: ☒ Two ☐ Three ☐ Liner?

STEP 1: EXISTING PRESSURES

Record all pressures as found	Tubing: Fm: <u>12</u>	Tubing: Fm: _____	Prod. Casing: Fm: <u>4</u>	Intermediate Csg: Fm: _____	Surface Casing: Fm: _____
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15. STEP 2: See instructions above

STEP 3: BRADENHEAD TEST

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

Elapsed Time (Min Sec)	Fm. Tubing	Fm. Tubing	Production Casing PSIG	Intermediate Casing PSIG	Bradenhead Flow
00	<u>12</u>		<u>4</u>		<u>0</u>
05	<u>12</u>		<u>4</u>		<u>0</u>
10	<u>12</u>		<u>4</u>		<u>0</u>
15	<u>12</u>		<u>4</u>		<u>0</u>
20	<u>12</u>		<u>4</u>		<u>0</u>
25	<u>12</u>		<u>4</u>		<u>0</u>
30	<u>12</u>		<u>4</u>		<u>0</u>

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: _____

Note instantaneous Bradenhead PSIG at end of test: > 0

STEP 4: INTERMEDIATE CASING TEST

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

Elapsed Time (Min Sec)	Fm. Tubing	Fm. Tubing	Production Casing PSIG	Intermediate Casing PSIG	Intermediate Flow
00					
05					
10					
15					
20					
25					
30					

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: _____

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: M Messemmer Title: Automation Phone: 719-859-3686

Signed: _____ Title: _____ Date: _____

WITNESSED BY: _____ Title: _____ Agency: _____