



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 3 BLM Lease No:
4 API Number: 05-071-05554-00 5 Multiple completion? ☐ Yes ☒ No
6 Well Name: Hill Ranch Number: 29-18V
7 Location (Qtr:Qtr, Sec, Twp, Rng, Meridian): SW/4 29-34S-167W
8 County: Las Animas 9 Field Name: Purgatorie River
10 Minerals: ☒ Fee ☐ State ☐ Federal ☐ Indian

11 Date of Test: 2/19/20
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: 0
Tubing: Fm: 0
Prod. Casing: Fm: 0
Intermediate Csg: 0
Surface Casing: 0

15. STEP 2: See instructions above

STEP 3: BRADENHEAD TEST

16 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: _____
Note instantaneous Bradenhead PSIG at end of test: >

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

STEP 4: INTERMEDIATE CASING TEST

17 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: _____
Note instantaneous Intermediate Casing PSIG at end of test: >

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

18 Comments: Test performed at 11:35 am

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: 719-889-4541

Signed: Ashley Sanchez Title: Specialist Date: 2/19/20

WITNESSED BY: _____ Title: _____ Agency: _____