

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 3 BLM Lease No: _____
4 API Number: 05-071-09280-00 5 Multiple completion? ☒ Yes ☐ No
6 Well Name: Apache Canyon Number: 8-12
7 Location (CtrQtr, Sec, Twp, Rng, Meridian): NW/1SW 8-34S-67W
8 County: Las Animas 9 Field Name: Purgatory River
10 Minerals: ☒ Fee ☐ State ☐ Federal ☐ Indian
11 Date of Test: 3/3/20
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: 1 Tubing: Fm: _____ Prod Casing: Fm: -11 Intermediate Csg: _____ 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 1 -11 0
05 1 -11 0
10 1 -11 0
15 1 -11 0
20 1 -11 0
25 1 -11 0
30 1 -11 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.
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: Jerry Aguirre Title: Electrician Phone: 719-859-3593

Signed: [Signature] Title: Electrician Date: 3/3/20

WITNESSED BY: _____ Title: _____ Agency: _____