

State of Colorado
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 (303) 894-2100 Fax: (303) 894-2109



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: 05-071-07944-00 5 Multiple completion? ☒ Yes ☐ No
6 Well Name: Apache Canyon Number: 1-14
7 Location (City, Sec, Twp, Rng, Meridian): SE/3W 1-34S-68W
8 County: Las Animas 9 Field Name: Purgatoric river
10 Minerals: ☒ Fee ☐ State ☐ Federal ☐ Indian

11 Date of Test: 2/20/20
12 Well Status: ☒ Flowing ☐ Shut In
☐ Gas Lift ☐ Pumping ☐ Injection
☐ Clock/Intermitter
☐ Plunger Lift
13 Number of Casing Strings:
☒ Two ☐ Three ☐ Liner?

STEP 1: EXISTING PRESSURES

Record all pressures as found	Tubing	Tubing	Prod Casing	Intermediate Csg	Surface Casing
Fm: <u>0</u>	Fm:	Fm:	Fm: <u>-7</u>		

15.
STEP 2: See instructions above

STEP 3: BRADENHEAD TEST

Burned 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 0 -7 0
05 0 -7 0
10 0 -7 0
15 0 -7 0
20 0 -7 0
25 0 -7 0
30 0 -7 0
Note instantaneous Bradenhead PSIG at end of test: > 0

STEP 4: INTERMEDIATE CASING TEST

Burned 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: 2/26/20

WITNESSED BY: Title: Agency