



State of Colorado Oil and Gas Conservation Commission

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BRADENHEAD TEST REPORT

Step 1: Record all tubing and casing pressures as found.
Step 2: Generate flow, if intermediate or surface casing pressure > 25 psi, in separate 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: Williford
2. Name of Operator: Williford
3. BLM Lease No.:
4. API Number: MOM #2
5. Multiple completion? ☐ Yes ☒ No
6. Well Name: MOM #2
7. Location (Dir, Sec, Twp, Rng, Meridian): 4413312
8. County: La Plata
9. Field Name:
10. Minerals: ☐ Fee ☐ State ☐ Federal ☐ Indian

11. Date of Test: 10/13/21

12. Well Status: ☐ Flowing ☐ Shut-in
☐ Gas Lift ☒ Pumping ☐ Injection
☐ Cyclic/Intermittent
☐ Plunger Lift

13. Number of Casing Strings: ☒ Two ☐ Three ☐ Four

STEP 1: EXISTING PRESSURES

Record all pressures as found

Tubing	Tubing	Prod. Casing	Intermediate Casing	Surface Casing
Feet	Feet	Feet	Feet	Feet
	14	14	0	0

15. STEP 2: See instructions above.

16. STEP 3: BRADENHEAD TEST

Buried valve? ☐ Yes ☒ No Confined 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.

D = No Flow; C = Continuous; D = Down to 0; V = Vapor
H = Water H₂O; M = Mud; W = Whimper; S = Surge; G = Gas

BRADENHEAD SAMPLE TAKEN?
☐ Yes ☒ No ☐ Gas ☐ Liquid

Character of Bradenhead fluid: ☐ Clear ☐ Fresh
☐ Sulfer ☐ Salty ☐ Black
☐ Other (describe):

Sample cylinder number:

Elapsed Time (min:sec)	Feet Tubing	Feet Tubing	Production Casing PSIG	Intermediate Casing PSIG	Bradenhead Flow
00	0	14	14	0	0
05					END TEST
10					
15					
20					
25					
30					

Note instantaneous Bradenhead PSIG at end of test: 0

17. STEP 4: INTERMEDIATE CASING TEST

Buried valve? ☐ Yes ☒ No Confined 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.

D = No Flow; C = Continuous; D = Down to 0; V = Vapor
H = Water H₂O; M = Mud; W = Whimper; S = Surge; G = Gas

INTERMEDIATE SAMPLE TAKEN?
☐ Yes ☒ No ☐ Gas ☐ Liquid

Character of intermediate fluid: ☐ Clear ☐ Fresh
☐ Sulfer ☐ Salty ☐ Black
☐ Other (describe):

Sample cylinder number:

Elapsed Time (min:sec)	Feet Tubing	Feet Tubing	Production Casing PSIG	Intermediate Casing PSIG	Intermediate Flow
00	0	14	14	0	0
05					END TEST
10					
15					
20					
25					
30					

Note instantaneous Intermediate Casing PSIG at end of test: 0

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: Mitch Kennedy Title: Tech Phone: 970 238 1206Signed: [Signature] Title: Date:

WITNESSED BY: Title: Agency: