

**State of Colorado**  
**Oil and Gas Conservation Commission**  
1120 Lincoln Street, Suite 801, Denver, Colorado 80203 (303) 894-2109 Fax: (303) 894-2109

**BRADENHEAD TEST REPORT**

Step 1: Record all tubing and casing pressures as found.  
Step 2: Sample flow, if flow exists, or adjust casing pressure -25 psi. In production areas, 1 psi.  
Step 3: Conduct Bradenhead test.  
Step 4: Conduct intermediate casing test.  
Step 5: Send report to OGCC within 30 days and to OGCC within 10 days. Include wellbore diagrams if not previously submitted or if wellbore configuration has changed since your program. Attach gas and liquid samples if submitted.

1. OGCC Operator Number: Williford 3. BLM Lease No: 7 33 11  
2. Name of Operator: Williford 4. APT Number: 7 5. Multiple completion? ☐ Yes ☒ No  
6. Well Name: LaS #8 7. Location (Circle, Sec, Twp, Rng, Meridian): SW SW 7 33 11  
8. County: La Plata 9. Field Name: La Plata  
10. Minerals: ☐ Fee ☐ State ☐ Federal ☐ Indian

11. Date of Test: 10/14/21  
12. Well Status: ☐ Flowing ☐ Shut In  
☐ Gas Lift ☒ Pumping ☐ Injection  
☐ Cased/Interrimitor ☐ Plunger Lm  
13. Number of Casing Stages: ☒ Two ☐ Three ☐ Other?

14. STEP 1: EXISTING PRESSURES

Record all pressures as found	Tubing	Tubing	Prod. Casing	Intermediate Casing	Surface Casing
	From	From	From	From	From
		7	2	N/A	TSTM

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:  
D = No Flow; C = Continuous; D = Down to C; 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)	From Tubing	From Tubing	Production Casing PSIG	Intermediate Casing PSIG	Bradenhead Flow
00:			7	2	D
05:			7	2	Φ
10:			7	2	Φ
15:					END TEST
20:					
25:					
30:					

Note instantaneous Bradenhead PSIG at end of test: ①

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:  
D = No Flow; C = Continuous; D = Down to C; 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)	From Tubing	From 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: Mitch Kennedy Title: Tech

Phone: 970 238 1206

Signed: [Signature] Title:

Date: 10/14/21

Agency: