

State of Colorado
Oil and Gas Conservation Commission
1128 Lincoln Street, Suite 801, Denver, Colorado 80203 (303) 894-2100 Fax: (303) 894-2109

BRADENHEAD TEST REPORT

Step 1: Record all tubing and casing pressures as found.
Step 2: Sample flow, if intermediate or surface casing pressure > 25 psi, in separate cells, 4 psi.
Step 3: Conduct Bradenhead test.
Step 4: Conduct intermediate casing test.
Step 5: Send report to OGC within 20 days and to OGC within 10 days. Include wellbore diagram if not previously submitted or if wellbore configuration has changed since previous program. Attach gas and acid analysis if sampled.

1. OGC Operator Number: Williford 2. OGC Lease No.: 2 & S #1 MENEZES
3. Name of Operator: Williford 4. APN Number: SW NW 7 33 11
5. Multiple Completion? ☐ Yes ☒ No
6. Well Name: La Plata 7. Location (O.G. Sec, Twp, Rng, Meridian): SW NW 7 33 11
8. County: La Plata 9. Field Name: SW NW 7 33 11
10. Minerals: ☐ Fee ☐ State ☐ Federal ☐ Indian

11. Date of Test: 10/14/21
12. Well Status: ☐ Flowing ☐ Shut In
☐ Gas Lift ☐ Pumping ☐ Injection
☐ Cyclic Intermitter ☐ Plugger Lift
13. Number of Casing Strings: Shut In
☐ Two ☐ Three ☐ Four

STEP 1: EXISTING PRESSURES

Record all pressures as found	Tubing: Pm:	Tubing: Pm:	Prod. Casing: Pm:	Intermediate Casing: Pm:	Surface Casing: Pm:
	128	128	N/A	Φ	Φ

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:
D = No Flow; C = Continuous; S = Down to 0; V = Vapor; N = 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: Φ
Note instantaneous Bradenhead PSIG at end of test: Φ

Elapsed Time (min:sec)	Pm Tubing	Pm Tubing	Production Casing PSIG	Intermediate Casing PSIG	Bradenhead Flow
00	Φ	128	128	Φ	Φ
05					End Test
10					
15					
20					
25					
30					

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:
D = No Flow; C = Continuous; S = Down to 0; V = Vapor; N = 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: N/A
Note instantaneous Intermediate Casing PSIG at end of test: N/A

Elapsed Time (min:sec)	Pm Tubing	Pm Tubing	Production Casing PSIG	Intermediate Casing PSIG	Intermediate Flow
00					
05					
10					
15					
20					
25					
30					

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] Date: 10/14/21
Agency: