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**State of Colorado**  
**Oil and Gas Conservation Commission**  
1126 Lincoln Street, Suite 801, Denver, Colorado 80203 (303) 894-2100 Fax: (303) 894-2109

FOR BRADENHEAD TEST ONLY

### BRADENHEAD TEST REPORT

**Step 1:** Record all tubing and casing pressures as found.  
**Step 2:** Sample now, if intermediate or surface casing pressures not gas in separate streak, 1/2  
**Step 3:** Conduct Bradenhead test.  
**Step 4:** Conduct Intermediate casing test.  
**Step 5:** Send report to OGC within 30 days and in OGC's report to OGC, include wellbore diagram if not previously submitted or if wellbore configuration has changed since last report. Attach gas and liquid analyses if sampled.

1. OGC Operator Number: Williford

2. Name of Operator: Williford

3. API Number: 0506708642

4. Well Name: Macey #1

5. Location (County, Sec., Twp., Rng., Meridian): SE NE 23 33 12

6. County: La Plata

7. Field Name: SE NE 23 33 12

8. State: ☐ Fed ☐ State ☐ Federal ☐ Indian

11. Date of Test: 10/25/22

12. Well Status: ☐ Flowing ☐ Shut in

☐ Gas Lift ☐ Pumping ☐ Injection

☐ Cyclic/Intermittent

☐ Multiple Lm

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

**STEP 1: EXISTING PRESSURES**

Record all pressures as found	Tubing	Yubing	Prod. Casing	Intermediate Casing	Surface Casing
		<u>5</u>	<u>2.1</u>	<u>2.1</u>	<u>0</u>

**STEP 2: 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 G; V = Vapor; H = Water H2O; M = Mud; W = Whimper; S = Surge; G = Gas

Elapsed Time (hr:sec)	Tubing	Prod. Casing	Intermediate Casing	Bradenhead Flow	
01		<u>5</u>	<u>2.1</u>	<u>2.1</u>	<u>0</u>
05		<u>6</u>	<u>2.1</u>	<u>2.1</u>	<u>0</u>
10		<u>6</u>	<u>2.1</u>	<u>2.1</u>	<u>0</u>
15					
20					
25					
30					

BRADENHEAD SAMPLE TAKEN? ☐ Yes ☒ No Gas ☐ Liquid

Character of Bradenhead fluid: ☐ Clear ☐ Oily ☐ Frothy

☐ Sulphur ☐ Salty ☐ Black

☐ Other (describe):

Sample cylinder number:

Note instantaneous Bradenhead PSIG at end of test: 0

**STEP 3: 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 G; V = Vapor; H = Water H2O; M = Mud; W = Whimper; S = Surge; G = Gas

Elapsed Time (hr:sec)	Tubing	Prod. Casing	Intermediate Casing	Intermediate Flow	
01	<u>11 sec.</u>	<u>6</u>	<u>1</u>	<u>W</u>	<u>D-W</u>
05	<u>2" valve</u>	<u>6</u>	<u>.5</u>		<u>W</u>
10		<u>5</u>	<u>.2</u>		<u>W</u>
15		<u>5</u>	<u>0</u>		<u>W</u>
20		<u>6</u>	<u>0</u>		<u>W</u>
25		<u>5</u>	<u>0</u>		<u>W</u>
30		<u>5</u>	<u>0</u>		<u>W</u>

INTERMEDIATE SAMPLE TAKEN? ☐ Yes ☒ No Gas ☐ Liquid

Character of Intermediate fluid: ☐ Clear ☐ Frothy

☐ Sulphur ☐ Salty ☐ Black

☐ Other (describe):

Sample cylinder number:

Note instantaneous Intermediate Casing PSIG at end of test: TSTM

18. Comments: Seems to be communication between Inter. & casing

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 1200

Signed: [Signature] Date: 10/25/22

WITNESSED BY: \_\_\_\_\_ Title: \_\_\_\_\_ Agency: \_\_\_\_\_