

State of Colorado
Oil and Gas Conservation Commission
1120 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 information of surface casing pressure >25 psi. In separate area, 1 psi.
Step 3: Conduct Bradenhead test.
Step 4: Conduct intermediate casing test.
Step 5: Send report to OGCC within 30 days and to OGC 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. OGC Operator Number: Williford 3. BLID Lease No: _____
2. Name of Operator: Williford 4. Multiple completion? ☐ Yes ☒ No
5. API Number: _____
6. Well Name: Spring Hollow Mac 3 Number: _____
7. Location (County, Sec, Twp, Rng, Meridian): MM SW 6 33 11
8. County: LaPlata 9. Field Name: _____
10. Minerals: ☐ Fee ☐ State ☐ Federal ☐ Indian

11. Date of Test: 10/14/21
12. Well Status: ☐ Flowing ☐ Shut-in
☐ Gas Lift ☒ Pumping ☐ Injection
☐ Completion Miller ☐ Plunger Lift
13. Number of Casing Strings: ☐ Two ☒ Three ☐ Linear?

14. STEP 1: EXISTING PRESSURES

Record all pressures as found	Tubing	Tubing	Prod. Casing	Intermediate Casing	Surface Casing
Fm.	Fm.	Fm.	Fm.	Fm.	Fm.
		<u>10</u>	<u>2.2</u>	<u>6</u>	<u>1.5</u>

15. 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 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 ☐ Frothy
☐ Sulky ☐ Salty ☐ Black
☐ Other (describe): _____

Sample cylinder number: _____

Note instantaneous Bradenhead PSIG at end of test: 0

16. STEP 4: INTERMEDIATE CASING TEST

Surge 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 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 ☐ Frothy
☐ Sulky ☐ Salty ☐ Black
☐ Other (describe): _____

Sample cylinder number: _____

Note instantaneous Intermediate Casing PSIG at end of test: TSTM

17. Comments: _____

18. 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
Witnessed by: _____ Title: _____ Agency: _____