FORM 17 Rev 11/20

State of Colorado
Energy & Carbon Management Commission

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BRADENHEAD TEST REPORT

Step 1. Before opening any valves, record all tubing and casing pressures as found.
Step 2. Collect liquid and gas samples as required; consult Bradenhead Testing and Reporting Instructions and Guidance for field specific Orders at http://cogcc/reg.html#/opguidance
Step 3. Conduct Bradenhead test.
Step 4. Submit Form 17 within 10 days of test. Attach a wellbore diagram if not previously submitted or if wellbore configuration has changed since last wellbore diagram was submitted.
Step 5. Submit sample analytical results via Form 43.

1. OGCC Operator Number: 38550 3. BLM Lease No:
2. Name of Operator: HATHAWAY OPERATORS, INC
4. API Number; 05-067-06422-00 5. Multiple completion? ☐ Yes ☒ No
6. Well Name: FLINT (OWP) Number: 1
7. Location (QtrQtr, Sec, Twp, Rng, Meridian): NESE,8,33N,12W,N
8. County LA PLATA 9. Field Name: WILDCAT
10. Minerals: ☐ Fee ☐ State ☐ Federal ☐ Indian

11. Date of Test: 06/01/2023

12. Well Status: ☐ Flowing
☒ Shut In ☐ Gas Lift
☐ Pumping ☐ Injection
☐ Clock/Intermitter
☐ Plunger Lift

13. Number of Casing Strings:
☒ Two ☐ Three ☐ Liner?

14. EXISTING PRESSURES

Record all pressures as found	Tubing: 52 Fm:	Tubing: Fm:	Prod Csg 71 Fm:	Intermediate Csg:	Surf. Csg 99

BRADENHEAD TEST

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.
Describe character of flow in "Bradenhead Flow" column: O = No Flow; C = Continuous; D = Down to 0; S = Surge; W = Whisper
Describe fluid type in "Bradenhead Fluid" column: H = Water H2O; M = Mud; G = Gas; V = Vapor; L = Liquid Hydrocarbon; H & M = Water & Mud; H & G = Water & Gas; H & V = Water & Vapor; M & G = Mud & Gas; M & V = Mud & Vapor; G & V = Gas & Vapor; H & L = Water & Liquid Hydrocarbon; M & L = Mud & Liquid Hydrocarbon; G & L = Gas & Liquid Hydrocarbon; V & L = Vapor & Liquid Hydrocarbon; N = None

Buried valve? ☒ Yes ☐ No
Confirmed open? ☒ Yes ☐ No

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

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

Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing:	Prod Csg PSIG	Intermedia Csg PSIG	Bradenhead Flow:	Bradenhead Fluid:
00:00	52		71		CONTINUOUS	GAS
05:00	52		61		CONTINUOUS	GAS
10:00						
15:00						
20:00						
25:00						
30:00						

REQUIRED - Instantaneous Bradenhead Pressure at End of Test: 89 PSIG

INTERMEDIATE CASING TEST

With gauges monitoring production, intermediate casing and tubing pressures, open the intermediate casing valve. Record pressures at five minute intervals.
Describe character of flow in “Intermediate Flow” column: O = No Flow; C = Continuous; D = Down to 0; S = Surge; W = Whisper
Describe fluid type in “Intermediate Fluid" column: H = Water H2O; M = Mud; G = Gas; V = Vapor; L = Liquid Hydrocarbon; H & M = Water & Mud; H & G = Water & Gas; H & V = Water & Vapor; M & G = Mud & Gas; M & V = Mud & Vapor; G & V = Gas & Vapor; H & L = Water & Liquid Hydrocarbon; M & L = Mud & Liquid Hydrocarbon; G & L = Gas & Liquid Hydrocarbon; V & L = Vapor & Liquid Hydrocarbon; N = None.

Buried valve? ☐ Yes ☐ No
Confirmed open? ☐ Yes ☐ No

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

Character of Intermediate fluid:
☐ Clear ☐ Fresh
☐ Sulfur ☐ Salty ☐ Black
Other:(describe)

Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing:	Prod Csg PSIG	Intermediate Csg PSIG	Intermediate Flow:	Intermediate Fluid:
00:00						
05:00						
10:00						
15:00						
20:00						
25:00						
30:00						

REQUIRED - Instantaneous Intermediate Casing Pressure at End of Test: _____ PSIG

Comments: Heavy flow of gas when bradenhead valve was opened. Bradenhead flowed continuous gas for approx. 5 minutes. Observed a 10 psi drop in production casing pressure while flowing the bradenhead. Test stopped after 5 minutes to prevent a significate loss of gas. Bradenhead and production casing appeared to be in direct communication.

Gas samples collected from production casing and bradenhead.

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Test Performed By: Jacob Harter Title: Consultant Phone: ( ) 970-946-3761

Signed: Jacob Harter Title: Consultant Date: 8/8/2023

Witnessed By: _____ Title: _____ Agency: _____