



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: _____ 3. BLM Lease No: _____
 2. Name of Operator: _____
 4. API Number: 05-017-06832 5. Multiple completion? Yes No
 6. Well Name: Arapahoe Unit Number: #172 (34-9)
 7. Location (QtrQtr, Sec, Twp, Rng, Meridian): _____
 8. County _____ 9. Field Name: _____
 10. Minerals: Fee State Federal Indian

11. Date of Test: 7/8/25
 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: <input checked="" type="checkbox"/>	Tubing: _____	Prod Csg <input checked="" type="checkbox"/>	Intermediate _____	Surf. Csg <input checked="" type="checkbox"/>
	Fm: _____	Fm: _____	Fm: _____	Csg: _____	<u>0</u>

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 <input type="checkbox"/> No <input checked="" type="checkbox"/> Confirmed open? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Elapsed Time (Min Sec)	Fm: Tubing	Fm: Tubing	Prod Csg PSIG	Intermedia Csg PSIG	Bradenhead Flow:	Bradenhead Fluid
BRADENHEAD SAMPLE TAKEN? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Gas <input type="checkbox"/> Liquid <input type="checkbox"/>	00:00	0		0		0	N
	05:00	0		0		0	N
Character of Bradenhead fluid: Clear <input type="checkbox"/> Fresh <input type="checkbox"/> Sulfur <input type="checkbox"/> Salty <input type="checkbox"/> Black <input type="checkbox"/> Other:(describe) _____	10:00	0		0		0	N
	15:00	0		0		0	N
	20:00	0		0		0	N
	25:00	0		0		0	N
	30:00	0		0		0	N
Instantaneous Bradenhead PSIG at end of test: > <u>0</u>							

Tubing, casing, and BHD dead upon arrival.

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.

	Elapsed Time (Min Sec)	Fm Tubing	Fm Tubing	Prod Csg PSIG	Intermediate Csg PSIG	Intermediate Flow:	Intermediate Fluid:
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)							
Instantaneous Intermediate Casing PSIG at end of test: > _____							

Comments:

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

Test Performed By: Emily Fitzjohn Title: Emera, Consultant Phone: (1) 303-642-6098

Signed:  Title: _____ Date: 5/17/25

Witnessed By: _____ Title: _____ Agency: _____