

FORM

17

Rev  
11/20

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 Phone: (303) 894-2100 Fax: (303) 894-2109

State of Colorado

Oil and Gas Conservation Commission



Document Number:

## 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: 05-017-06732 5. Multiple completion?  Yes  No  
 6. Well Name: Frontier Unit Number: 34-12 #8  
 7. Location (QtrQtr, Sec, Twp, Rng, Meridian): \_\_\_\_\_  
 8. County \_\_\_\_\_ 9. Field Name: \_\_\_\_\_  
 10. Minerals:  Fee  State  Federal  Indian

11. Date of Test: 5/13/25

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: <u>55</u> Fm: _____	Tubing: _____ Fm: _____	Prod Csg <u>9</u> Fm: _____	Intermediate Csg: _____	Surf. Csg <u>0</u>
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## 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 H<sub>2</sub>O; 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	Intermedia Csg PSIG	Bradenhead Flow:	Bradenhead Fluid:
00:00	<input checked="" type="checkbox"/> 53	<input type="checkbox"/>	<input type="checkbox"/> 9		O	N
05:00	<input checked="" type="checkbox"/> 50	<input type="checkbox"/>	<input type="checkbox"/> 9		O	N
10:00	<input checked="" type="checkbox"/> 50	<input type="checkbox"/>	<input type="checkbox"/> 8		O	N
15:00	<input checked="" type="checkbox"/> 49	<input type="checkbox"/>	<input type="checkbox"/> 8		O	N
20:00	<input checked="" type="checkbox"/> 48	<input type="checkbox"/>	<input type="checkbox"/> 8		O	N
25:00	<input checked="" type="checkbox"/> 47	<input type="checkbox"/>	<input type="checkbox"/> 8		O	N
30:00	<input checked="" type="checkbox"/> 46	<input type="checkbox"/>	<input type="checkbox"/> 8		O	N
Instantaneous Bradenhead PSIG at end of test: > <u>0</u>						

### 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	Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing:	Prod Csg PSIG	Intermediate Csg PSIG	Intermediate Flow:	Intermediate Fluid:
Confirmed open?    Yes            No		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
INTERMEDIATE SAMPLE TAKEN? Yes            No            Gas            Liquid		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Character of Intermediate fluid:  Clear            Fresh Sulfur            Salty            Black Other:(describe)  _____		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
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: Environ. Consultant                      Phone: 0303-642-6098  
 Signed: [Signature]    Title: \_\_\_\_\_    Date: 5/13/25  
 Witnessed By: \_\_\_\_\_    Title: \_\_\_\_\_    Agency: \_\_\_\_\_