

# State of Colorado Oil and Gas Conservation Commission

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Document Number

C51

## 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 Recording Instructions and Guidance for field specific Orders at <http://ocgoc.org/nmt/cpguidance>  
 Step 3: Conduct Bradenhead test.  
 Step 4: Submit Form 17 within 10 days of test. Attach a wellbore diagram that previously submitted and if wellbore configuration has changed since last wellbore diagram was submitted.  
 Step 5: Submit sample analytical results via Form 45.

1. OGC Operator Number: \_\_\_\_\_ 3. BLM Lease No: C51  
 2. Name of Operator: \_\_\_\_\_  
 4. API Number: \_\_\_\_\_ 5. Multiple completion? Yes ☐ No ☐  
 6. Well Name: \_\_\_\_\_ Number: \_\_\_\_\_  
 7. Location (QtrQtr, Sec, Twp, Rng, Meridian): \_\_\_\_\_  
 8. County: \_\_\_\_\_ 9. Field Name: \_\_\_\_\_  
 10. Minerals: ☐ Fee ☐ State ☐ Federal ☐ Indian

11. Date of Test: 9/26/2412. Well Status: ☒ Flowing☐ Shut In ☐ Gas Lift☐ Pumping ☐ Injection☐ Clock/Intermittent☐ Plunger Lift

13. Number of Casing Strings:

☒ Two ☐ Three ☐ Liner?

### 14. EXISTING PRESSURES

Record all pressures as found	Tubing: <u>170</u> Fm: _____	Tubing: <u>N/A</u> Fm: _____	Prod Csg <u>7</u> Fm: _____	Intermediate Csg: <u>N/A</u>	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

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)

N/A

Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing	Prod Csg PSIG	Intermedia Csg PSIG	Bradenhead Flow:	Bradenhead Fluid:
11 40	170	N/A	7	N/A	0	0
11 45	170		7		0	0
11 50	170		7		0	0
11 55	170		7		0	0
11 00	170		7		0	0
12 05	170		7		0	0
12 10	170		7		0	0

Instantaneous Bradenhead PSIG at end of test: > 0

## 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 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.

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							
INTERMEDIATE SAMPLE TAKEN?							
Yes    No    Gas    Liquid							
Character of Intermediate fluid:							
<input type="checkbox"/> Clear <input type="checkbox"/> Fresh							
<input type="checkbox"/> Sulfur <input type="checkbox"/> Salty <input type="checkbox"/> 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: <u>Larry McLeod</u>	Title: <u>Lease Operator</u>	Phone: <u>( ) 575-707-5099</u>
Signed: <u>Larry McLeod</u>	Title: _____	Date: <u>9/26/24</u>
Witnessed By: _____	Title: _____	Agency: _____