

**State of Colorado**  
**Energy & Carbon Management Commission**

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Document Number:  
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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://ecmc/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. ECMC Operator Number: 10433      3. BLM Lease No: \_\_\_\_\_  
 2. Name of Operator: LARAMIE ENERGY LLC  
 4. API Number; 05-077-08442-00      5. Multiple completion?     Yes     No  
 6. Well Name: WINTER FLATS      Number: 1-14-100  
 7. Location (QtrQtr, Sec, Twp, Rng, Meridian): NWNE, 14, 9S, 100W, 6  
 8. County MESA      9. Field Name: BRONCO FLATS  
 10. Minerals:     Fee     State     Federal     Indian

11. Date of Test: 10/06/2025  
 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: _____ Fm: _____	Tubing: <u>152</u> Fm: _____	Prod Csg <u>314</u> Fm: _____	Intermediate Csg: <u>578</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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Confirmed open? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing:	Prod Csg PSIG	Intermedia Csg PSIG	Bradenhead Flow:	Bradenhead Fluid:
Character of Bradenhead fluid: <input type="checkbox"/> Clear <input type="checkbox"/> Fresh <input type="checkbox"/> Sulfur <input type="checkbox"/> Salty <input type="checkbox"/> Black Other:(describe) _____	00:00		152	314	578	NO FLOW	NONE
	05:00		152	314	578	NO FLOW	NONE
	10:00		153	314	578	NO FLOW	NONE
	15:00		153	314	578	NO FLOW	NONE
	20:00		152	314	578	NO FLOW	NONE
	25:00		152	314	578	NO FLOW	NONE
	30:00		152	314	578	NO FLOW	NONE
REQUIRED - Instantaneous Bradenhead Pressure at End of Test:						<u>0</u>	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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Confirmed open? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing:	Prod Csg PSIG	Intermediate Csg PSIG	Intermediate Flow:	Intermediate Fluid:
	00:00		154	314	578	CONTINUOUS	GAS
INTERMEDIATE SAMPLE TAKEN? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Gas <input type="checkbox"/> Liquid	05:00		155	314	342	CONTINUOUS	GAS
	10:00		157	314	192	CONTINUOUS	GAS
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) _____	15:00		159	314	94	CONTINUOUS	GAS
	20:00		162	314	0	DOWN TO 0	NONE
	25:00		164	314	0	NO FLOW	NONE
	30:00		167	314	0	NO FLOW	NONE
REQUIRED - Instantaneous Intermediate Casing Pressure at End of Test: <u>0</u> PSIG							

Comments:   Annual Test

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

Test Performed By:   Matthew Smelser   Title:   Foreman   Phone:   (   )   \_\_\_\_\_  
 Signed:   Lisa Click   Title:   Regulatory Consultant   Date:   10/7/2025  
 Witnessed By:   \_\_\_\_\_   Title:   \_\_\_\_\_   Agency:   \_\_\_\_\_