



## 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: 96850 3. BLM Lease No: \_\_\_\_\_

2. Name of Operator: TEP ROCKY MOUNTAIN LLC

4. API Number; 05-103-12573-00 5. Multiple completion? ☐ Yes ☐ No

6. Well Name: FEDERAL Number: RG 424-13-298

7. Location (QtrQtr, Sec, Twp, Rng, Meridian): LOT 12,13,2S,98W,6

8. County RIO BLANCO 9. Field Name: SULPHUR CREEK

10. Minerals: ☐ Fee ☐ State ☒ Federal ☐ Indian

11. Date of Test: 04/04/2025

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: 1025 Fm: _____	Tubing: _____ Fm: _____	Prod Csg 2040 Fm: _____	Intermediate Csg: 1172	Surf. Csg 423
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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 = NoneBuried valve? ☐ Yes ☒ NoConfirmed 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	1025		2040	1172	CONTINUOUS	GAS
05:00	964		2038	1172	DOWN TO 0	WATER AND GAS
10:00	1042		2038	1172	NO FLOW	NONE
15:00	1070		2037	1172	WHISPER	GAS
20:00	1110		2039	1172	WHISPER	GAS
25:00	945		2035	1172	NO FLOW	NONE
30:00	1022		2035	1172	NO FLOW	NONE
REQUIRED - Instantaneous Bradenhead Pressure at End of Test: 0 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 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	Intermediate Csg PSIG	Intermediate Flow:	Intermediate Fluid:
	00:00	1022		2035	1172	CONTINUOUS	GAS
INTERMEDIATE SAMPLE TAKEN? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Gas <input type="checkbox"/> Liquid	05:00	1084		2039	155	CONTINUOUS	GAS
	10:00	1010		2035	0	DOWN TO 0	GAS
	15:00	1009		2035	0	WHISPER	GAS
	20:00	1044		2035	0	WHISPER	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) _____	25:00	1042		2035	0	WHISPER	GAS
	30:00	993		2035	0	NO FLOW	NONE
	REQUIRED - Instantaneous Intermediate Casing Pressure at End of Test: <u>0</u> PSIG						

Comments: TEP has initiated a diagnostic evaluation of this well due to the threshold pressure exceedance. The bradenhead test was performed through a two-inch valve.

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

Test Performed By: <u>Travis Price</u>	Title: <u>Inspector</u>	Phone: <u>(970) 270-4902</u>
Signed: <u>Scott Ghan</u>	Title: <u>Sr. Regulatory Specialist</u>	Date: <u>4/7/2025</u>
Witnessed By: _____	Title: _____	Agency: _____