FORM 17 Rev 11/20

State of Colorado
Energy & Carbon Management Commission

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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: 10456 3. BLM Lease No:
2. Name of Operator: CAERUS PICEANCE LLC
4. API Number; 05-103-11321-00 5. Multiple completion? ☐ Yes ☐ No
6. Well Name: FREEDOM UNIT Number: 197-28A2
7. Location (QtrQtr, Sec, Twp, Rng, Meridian): NWSW,28,1S,97W,6
8. County RIO BLANCO 9. Field Name: PICEANCE CREEK
10. Minerals: ☐ Fee ☐ State ☐ Federal ☐ Indian

11. Date of Test: 03/27/2024

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: 139 Fm:	Tubing: Fm:	Prod Csg 258 Fm:	Intermediate Csg:	Surf. Csg 135

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 ☐ No
Confirmed 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	139		258	135	WHISPER	NONE
05:00	197		272	98	WHISPER	NONE
10:00	298		295	50	WHISPER	NONE
15:00	306		304	38	WHISPER	NONE
20:00	319		317	28	WHISPER	NONE
25:00	332		329	10	WHISPER	NONE
30:00	343		340	0	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 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

Confirmed open? ☐ Yes ☐ No

INTERMEDIATE SAMPLE TAKEN?

☐ Yes ☐ No ☐ Gas ☐ Liquid

Character of Intermediate fluid:

☐ Clear ☐ Fresh

☐ Sulfur ☐ Salty ☐ Black

Other:(describe)

Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing:	Prod Csg PSIG	Intermediate Csg PSIG	Intermediate Flow:	Intermediate Fluid:
00:00						
05:00						
10:00						
15:00						
20:00						
25:00						
30:00						

REQUIRED - Instantaneous Intermediate Casing Pressure at End of Test: _____ PSIG

Comments: Braden head is tied to sales, continued test for 1 hour do to small restriction of 1/2" IGO pipe. Braden psi buit to 2 psi in 1 hr. 40 psi in 24 hrs.

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

Test Performed By: Paul Hacking Title: Lease Operator Phone: (970) 712-8386

Signed: Reed Haddock Title: Regulatory Advisor Date: 4/30/2024

Witnessed By: _____ Title: _____ Agency: _____