

FORM  
17Rev  
6/99

## State of Colorado

## Oil and Gas Conservation Commission

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



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Document Number:

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## BRADENHEAD TEST REPORT

Step 1. Record all tubing and casing pressures as found. Step 2. Sample now. If intermediate or surface casing pressure > 25 psi. In sensitive areas, 1 psi.  
 Step 3. Conduct Bradenhead test. Step 4. Conduct intermediate casing test. Step 5. Send report to BLM within 3 days and to OGCC within 10 days. Include wellbore diagram if not previously submitted or if wellbore configuration has changed since prior program. Attach gas and liquid analyses if sampled.

1. OGCC Operator Number: 1375 3. BLM Lease No: \_\_\_\_\_  
 2. Name of Operator: LINDE INC  
 4. API Number: 05-083-06536-00 5. Multiple completion? ☐ Yes ☐ No  
 6. Well Name: AIRCO FEDERAL Number: 2  
 7. Location (QtrQtr, Sec, Twp, Rng, Meridian): NENW,25,36N,18W,N  
 8. County MONTEZUMA 9. Field Name: MCELMO  
 10. Minerals: ☐ Fee ☐ State ☒ Federal ☐ Indian

11. Date of Test: 9/22/20

12. 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: 315 Fm: _____	Tubing: N/A Fm: _____	Prod Csg 300 Fm: _____	Intermediate Csg: N/A	Surf. Csg 5
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## BRADENHEAD TEST

Buried valve? ☒ Yes ☐ No unbury  
 Confirmed open? ☒ Yes ☐ No

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 Define characteristics of flow in "Bradenhead Flow" column using letter designations below:

O = No Flow; C = Continuous; D = Down to 0; V = Vapor  
 H = Water H<sub>2</sub>O; M = Mud; W = Whisper; S = Surge; G = Gas

## BRADENHEAD SAMPLE TAKEN?

☐ Yes ☒ No ☐ Gas ☐ Liquid

Character of Bradenhead fluid: ☐ Clear ☐ Fresh☐ Sulfur ☐ Salty ☐ Black

Other:(describe)

Sample cylinder number: NO FLUID NO GAS

Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing:	Prod Csg PSIG	Intermedia Csg PSIG	Bradenhead Flow:
3'	0	315	300	—	0
5'	0	315	300	—	0
Pressure less than 25psi					
Open valve blow down to zero,					
fill up w/ 1/2 gallon H <sub>2</sub> O no					
flow or bubbles					

Instantaneous Bradenhead PSIG at end of test: &gt; 0 psi

## INTERMEDIATE CASING TEST

N/A

Buried valve? ☐ Yes ☐ No  
 Confirmed open? ☐ Yes ☐ No

With gauges monitoring production, intermediate casing and tubing pressures, open the intermediate casing valve. Record pressures at five minute intervals Characterize flow in "Intermediate Flow" column using letter designations below:

O = No Flow; C = Continuous; D = Down to 0; V = Vapor  
 H = Water H<sub>2</sub>O; M = Mud; W = Whisper; S = Surge; G = Gas

## INTERMEDIATE SAMPLE TAKEN?

☐ Yes ☐ No ☐ Gas ☐ Liquid

Character of Intermediate fluid: ☐ Clear ☐ Fresh☐ Sulfur ☐ Salty ☐ Black

Other:(describe)

Sample cylinder number: \_\_\_\_\_

Instantaneous Intermediate Casing PSIG at end of test: &gt;

Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing:	Prod Csg PSIG	Intermedia Csg PSIG	Bradenhead Flow:

Comments:

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

Test Performed By: Jerral Hughes Title: Site Manager Phone: ( ) 970-565-7021

Signed: [Signature] Title: \_\_\_\_\_ Date: 9-22-20

Witnessed By: Clapp Title: PET Agency: BLM