

# State of Colorado Oil and Gas Conservation Commission

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FOR OGCC USE ONLY

## 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 30 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: 10454  
2. Name of Operator: PetroShare  
3. BLM Lease No.:  
4. API Number: 05-123-11459  
5. Multiple completion? ☐ Yes ☒ No  
6. Well Name: Abbott Lands  
7. Location (QtrQtr, Sec, Twp, Rng, Meridian): NENW 35 1N 64W 6  
8. County: Weld  
9. Field Name: Lakeside  
10. Minerals: ☐ Fee ☐ State ☐ Federal ☐ Indian

11. Date of Test: 1/3/2020  
12. Well Status: ☐ Flowing ☒ Shut In  
☐ Gas Lift ☐ Pumping ☐ Injection  
☐ Clock/Intermittent  
☒ Plunger Lift  
13. Number of Casing Strings:  
☒ Two ☐ Three ☐ Liner?

### STEP 1: EXISTING PRESSURES

Record all pressures as found  
Tubing: ☒ JSND  
Tubing: ☐ N/A  
Prod. Casing: ☒ JSND  
Intermediate Cag: N/A  
Surface Casing: ☒

15. STEP 2: See instructions above.

### STEP 3: BRADENHEAD TEST

16. Buried valve? ☐ Yes ☒ No 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 H2O; M = Mud; W = Whiplash; 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:  
Note instantaneous Bradenhead PSIG at end of test: 0

Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing	Production Casing PSIG	Intermediate Casing PSIG	Bradenhead Flow
00:	0	—	0		0
05:	0	—	0		0
10:	0	—	0		0
15:	0	—	0		0
20:	0	—	0		0
25:	0	—	0		0
30:	0	—	0		0

### STEP 4: INTERMEDIATE CASING TEST

17. Buried valve? ☐ Yes ☐ No Confirmed open? ☐ Yes ☐ No  
With gauges monitoring production 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 H2O; M = Mud; W = Whiplash; 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:  
Note instantaneous Intermediate Casing PSIG at end of test: >

Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing	Production Casing PSIG	Intermediate Casing PSIG	Intermediate Flow
00:					
05:					
10:					
15:					
20:					
25:					
30:					

18. Comments: WELL IS SHUT IN WITH CIBP IN PLACE, HENCE THE 0 PSIG ON TBS & CSG

### 19. STEP 5: See instructions above.

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct, and complete.  
Test Performed by: Greg Thorjaksen Title: Field Superintendent Phone: 719-963-0714  
Signed: [Signature] Title: FIELD SUPT. Date: 1-3-2020  
WITNESSED BY: Title: Agency: