

State of Colorado
Oil and Gas Conservation Commission

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



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: 10583	11. Date of Test: 03/01/2022
2. Name of Operator: PETRO OPERATING COMPANY, LLC	12. Well Status: <input type="checkbox"/> Flowing <input type="checkbox"/> Shut In
3. BLM Lease No:	<input type="checkbox"/> Gas Lift <input type="checkbox"/> Pumping <input type="checkbox"/> Injection
4. API Number: 05-123-24023	<input type="checkbox"/> Clock/Intermittent
5. Multiple completion? <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Plunger Lift
6. Well Name: DI TA	13. Number of Casing Strings:
7. Location (Qtr, Sec, Twp, Rng, Meridian): SENW Section 30 - T2N - R66W - 6TH PM	<input type="checkbox"/> Two <input type="checkbox"/> Three <input type="checkbox"/> Liner?
8. County: WELD	
9. Field Name: WATTENBERG - #90750	
10. Minerals: <input checked="" type="checkbox"/> Fee <input type="checkbox"/> State <input type="checkbox"/> Federal <input type="checkbox"/> Indian	

14. STEP 1: EXISTING PRESSURES

Record all pressures as found	Tubing: 376 psi	Prod. Casing: 380 psi	Intermediate Csg: N.A.	Surface Casing: 0 psi
Fm: JSND	Fm:	Fm: JSND		

15. STEP 2: See instructions above.

16. STEP 3: BRADENHEAD TEST

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 = Whisper; S = Surge; G = Gas

Elapsed Time (Min:Sec)	Fm: JSND Tubing	Fm: Tubing	Production Casing PSIG	Intermediate Casing PSIG	Bradenhead Flow
00:					
05:	376	N.A.	380	N.A.	W
10:	377	N.A.	382	N.A.	O
15:	378	N.A.	384	N.A.	O
20:	379	N.A.	386	N.A.	O
25:	380	N.A.	388	N.A.	O
30:	381	N.A.	390	N.A.	O
	382	N.A.	392	N.A.	O

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 psi

17. STEP 4: INTERMEDIATE CASING TEST

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 = Whisper; S = Surge; G = Gas

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

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: >

18. Comments:

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: Joshua Berger Title: Lease operator Phone: 970.693.6099

Signed: [Signature] Title: Lease operator Date: 03/01/2022

WITNESSED BY: Title: Agency: