

FORM
17
Rev 07/19

State of Colorado
Oil and Gas Conservation Commission

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

BRADENHEAD TEST REPORT

Step 1: Record all tubing and casing pressures as found.
Step 2: Sample flow, if intermediate or surface casing pressure >25 psi. In negative tests, 1 psi.
Step 3: Conduct Bradenhead test.
Step 4: Conduct intermediate casing test.
Step 5: Send report to BOG 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.



FOR TEST USE ONLY

1. OGCC Operator Number:
2. Name of Operator: Willford
3. BLM Lease No.:
4. APT Number: 0506706001
5. Multiple completion? ☐ Yes ☒ No
6. Well Name: Long & Schluter #2
7. Location (County, Sec, Twp, Rng, Meridian): SE NW - 7 - 33 - 11
8. County: Laplate
9. Field Name:
10. Minerals: ☐ Fee ☒ State ☐ Federal ☐ Indian

11. Date of Test: 10-19-23
12. Well Status: ☐ Flowing ☒ Shut In
☐ Gas Lift ☐ Pumping ☐ Injection
☐ Choke/Interruption ☐ Plugger Lift
13. Number of Casing Strings:
☐ Two ☒ Three ☐ Other?

14. STEP 1: EXISTING PRESSURES
Record all pressures as found:
Tubing: Φ Fm:
Tubing: Φ Fm:
Prod. Casing: 5 Fm:
Intermediate Casing: TSTM Fm:
Surface Casing: Φ Fm:

15. STEP 2: See instructions above.

16. STEP 3: BRADENHEAD TEST

Elapsed Time (min:sec)	Fm: Tubing	Fm: Tubing	Production Casing PSIG	Intermediate Casing PSIG	Intermediate Flow
00:			<u>.5</u>	<u>Φ</u>	<u>Φ</u>
05:			<u>.5</u>	<u>Φ</u>	<u>Φ</u>
10:			<u>End Test</u>		
15:					
20:					
25:					
30:					

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:
Q = No Flow; C = Continuous; D = Down to 0; V = Vapor
H = Water H2O; M = Mud; W = Whimper; S = Surge; G = Gas

BRADENHEAD SAMPLE TAKEN?
☐ Yes ☒ No ☐ Gas ☐ Liquid

Character of Bradenhead fluid: ☐ Clear ☐ Fresh
☐ Sulphur ☐ Salty ☐ Black
☐ Other: (describe)

Sample cylinder number:

Note instantaneous Bradenhead PSIG at end of test: Φ

17. STEP 4: INTERMEDIATE CASING TEST

Elapsed Time (min:sec)	Fm: Tubing	Fm: Tubing	Production Casing PSIG	Intermediate Casing PSIG	Intermediate Flow
00:			<u>.5</u>		<u>D</u>
05:	<u>Puff</u>		<u>.5</u>		<u>Φ</u>
10:	<u>2"</u>		<u>.5</u>		<u>Φ</u>
15:			<u>.5</u>		<u>Φ</u>
20:			<u>End Test</u>		
25:					
30:					

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:
Q = No Flow; C = Continuous; D = Down to 0; V = Vapor
H = Water H2O; M = Mud; W = Whimper; S = Surge; G = Gas

INTERMEDIATE SAMPLE TAKEN?
☐ Yes ☒ No ☐ Gas ☐ Liquid

Character of Intermediate fluid: ☐ Clear ☐ Fresh
☐ Sulphur ☐ Salty ☐ Black
☐ Other: (describe)

Sample cylinder number:

Note instantaneous Intermediate Casing PSIG at end of test: Φ

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: Mitch Kennedy Title: Tech Phone: 970 238 1206
Signed: [Signature] Title: _____ Date: 10/19/23
Witnessed by: [Signature] Title: _____ Agency: _____