

State of Colorado
Oil and Gas Conservation Commission
1129 Lincoln Street, Suite 201, Denver, Colorado 80203 (303) 894-2100 Fax: (303) 894-2109

BRADENHEAD TEST REPORT

Step 1: Record all tubing and casing pressures as follows.
Step 2: Stopper rod; if intermediate or surface casing pressure > 25 psi, in excessive cases, 1 psi.
Step 3: Conduct Bradenhead test.
Step 4: Conduct intermediate casing test.
Step 5: Send report to OGC within 20 days and to OGC within 10 days; include wellbore diagram if not previously submitted or if wellbore configuration has changed since prior report. Attach test and sand analysis if sampled.

1. OGC Operator Number: Williford
2. Name of Operator: Williford
3. Well Lease No.:
4. AD Number:
5. Multiple completion? ☐ Yes ☒ No
6. Well Name: Schluter #2 D
7. Location (County, Sec. Twp., Rng. Meridian): SE NW 7 33 11
8. County: La Plata
9. Field Name:
10. Minerals: ☒ Fee ☐ State ☐ Federal ☐ Indian

11. Date of Test: 10/14/21
12. Test Status: ☐ Flowing ☒ Shut-In
☐ Gas Lift ☒ Pumping ☐ Injection
☐ Cyclic/Intermittent
☐ Plunger Lift
13. Number of Casing Strings: ☐ Two ☒ Three ☐ Other?

STEP 1: EXISTING PRESSURES

Record all pressures as found:	Tubing	Tubing	Prod. Casing	Intermediate Casing	Surface Casing
From:	6.5	2#	2#	Ø	

16. **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:
D = No Flow; C = Continuous; D = Down to 0; V = Vapor
H = Water H2O; M = Mud; W = Whimper; S = Surge; G = Gas

Elapsed Time (Min:Sec)	From Tubing	From Tubing	Production Casing PSIG	Intermediate Casing PSIG	Bradenhead Flow
00:	7	2#	2#	Ø	
05:	7	2#	2#	Ø	
10:	7	2#	2#	Ø	
15:	End Test				
20:					
25:					
30:					

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: Ø

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

Elapsed Time (Min:Sec)	From Tubing	From Tubing	Production Casing PSIG	Intermediate Casing PSIG	Intermediate Flow
00:	D	7	2		D-W
05:	3 sec.	6.8	2		W
10:		6.8	2		W
15:		6.8	2		W
20:		6.9	2		W
25:		6.9	2		W
30:		6.9	2		W

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: TEST

18. Comments:

18. 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: 10/14/21
Signed: [Signature] Title: _____ Date: _____
Witnessed by: _____ Title: _____ Agency: _____