

FORM
17
Rev 5/16

State of Colorado
Oil and Gas Conservation Commission

1125 Lincoln Street, Suite 801, Denver, Colorado 80203 (303) 854-2100 Fax: (303) 854-2109

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 sensitive areas. 1 psi
Step 3: Conduct Bradenhead test.
Step 4: Conduct intermediate casing test.
Step 5: Record report to BLM within 30 days and to OGC within 10 days. Include wellbore diagram if not previously submitted or if wellbore configuration has changed since prior production. Attach logs and log analysis if completed.



FOR USER USE ONLY

1. OGC Operator Number:
2. Name of Operator: Willford 3. Well Lease No:
4. APT Number: 0506706770 5. Multiple completion? ☐ Yes ☒ No
6. Well Name: Spring Hollow Mac #3 Number:
7. Location (City, Co., Sec, Twp, Rng, Meridian): NW SW 6 33 11
8. County: La Plata 9. Field Name:
10. Minerals: ☐ Fee ☐ State ☐ Federal ☐ Indian

11. Date of Test: 10/27/22
12. Well Status: ☒ Flowing ☐ Shut in
☐ Gas Lift ☐ Pumping ☐ Injection
☐ Electric Submersible
☐ Plugger Lift
13. Number of Casing Strings:
☐ Two ☒ Three ☐ Linear

14. STEP 1: EXISTING PRESSURES

Record all pressures as found	Tubing	Tubing	Prod. Casing	Intermediate Casing	Surface Casing
psi:		16	3.2	3.2	2.7

15. STEP 2: See instructions above.

16. STEP 3: BRADENHEAD TEST

Buried valve?	Confirmed open?	Flowing	Production Casing PSIG	Intermediate Casing PSIG	Bradenhead Flow
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7 sec	16	3.2	D
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		1/4 valve	16	3.2	0
BRADENHEAD SAMPLE TAKEN? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Gas <input type="checkbox"/> Liquid			16	3.2	0
Character of Bradenhead Flow: <input type="checkbox"/> Clear <input type="checkbox"/> Frothy <input type="checkbox"/> Sulphur <input type="checkbox"/> Salty <input type="checkbox"/> Black <input type="checkbox"/> Other (describe):			16	3.2	0
Sample cylinder number:					

17. STEP 4: INTERMEDIATE CASING TEST

Buried valve?	Confirmed open?	Flowing	Production Casing PSIG	Intermediate Casing PSIG	Intermediate Flow
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	1/4 valve	16	2.9	C
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: C = No Flow; C = Continuous; D = Down to 0; V = Vapor; H = Water H2O; M = Mud; W = Whimper; S = Surge; G = Gas			16	2.4	C
INTERMEDIATE SAMPLE TAKEN? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Gas <input type="checkbox"/> Liquid			16	1.9	W
Character of Intermediate Flow: <input type="checkbox"/> Clear <input type="checkbox"/> Frothy <input type="checkbox"/> Sulphur <input type="checkbox"/> Salty <input type="checkbox"/> Black <input type="checkbox"/> Other (describe):			16	1.1	W
Sample cylinder number:			16	.8	W
			16	.3	W
			16	.3	W

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] Date: 10/27/22
Agency: [Blank]