

FORM  
17  
REV. 10/18

# State of Colorado Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 101, Denver, Colorado 80203 (303) 864-2100 Fax: (303) 864-2100

## BRADENHEAD TEST REPORT

Step 1. Record all tubing and casing pressures as found.  
Step 2. Sample any intermediate or surface casing pressure >25 psi. In positive areas, 1 psi.  
Step 3. Conduct Bradenhead test.  
Step 4. Conduct intermediate casing test.  
Step 5. Send report to OGC within 30 days and to OGC 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. OGC Operator Number: 10312  
2. Name of Operator: Prospect Energy LLC  
3. ELM License No.:  
4. API Number: 05-069-06094  
5. Multiple completion? ☐ Yes ☒ No  
6. Well Name: MSSU Number: 30-6  
7. Location (Quad, Sec, Twp, Rng, Meridian): C W/2 NE Sec 30 T8N-R68W  
8. County: Larimer  
9. Field Name: Ft Collins  
10. Minerals: ☐ Fee ☒ State ☐ Federal ☐ Indian

11. Date of Test: 9/24/20  
12. Well Status: ☐ Flowing ☒ Shut In  
☐ Gas Lift ☐ Pumping ☐ Injection  
☐ Electrowaterflood ☐ Plunger Lift  
13. Number of Casing Strings: ☒ Two ☐ Three ☐ More

14. STEP 1: EXISTING PRESSURES  
Record all pressures as found  
Tubing: 60  
From: Mddy  
Casing: 6  
From: Mddy  
Intermediate Casing: 0  
Surface Casing: 0

15. STEP 2: See instructions above.

16. STEP 3: BRADENHEAD TEST

Sealed 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

BRADENHEAD SAMPLE TAKEN?  
☐ Yes ☒ No ☐ Gas ☐ Liquid  
Character of Bradenhead fluid: ☐ Clear ☐ Frothy  
☐ Sulfer ☐ Salty ☐ Slack  
☐ Other: (describe)

Sample cylinder number:

Elapsed Time (Min:Sec)	From: <u>Mddy</u>	From: <u>Tubing</u>	Production Casing PSIG	Intermediate Casing PSIG	Bradenhead Flow
00:	60		6		0
05:	60		6		0
10:	60		6		0
15:	60		6		0
20:	60		6		0
25:	60		6		0
30:	60		6		0
Note instantaneous Bradenhead PSIG at end of test:					> 0

17. STEP 4: INTERMEDIATE CASING TEST

Sealed 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

INTERMEDIATE SAMPLE TAKEN?  
☐ Yes ☐ No ☐ Gas ☐ Liquid  
Character of Intermediate fluid: ☐ Clear ☐ Frothy  
☐ Sulfer ☐ Salty ☐ Slack  
☐ Other: (describe)

Sample cylinder number:

Elapsed Time (Min:Sec)	From: <u>Tubing</u>	From: <u>Tubing</u>	Production Casing PSIG	Intermediate Casing PSIG	Intermediate Flow
00:					
05:					
10:					
15:					
20:					
25:					
30:					
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: Mike Stank Title: Larimer Operator Phone: 303-899-0095  
Signed: Michael Stank Title: \_\_\_\_\_ Date: 9/24/2020  
Witnessed by: \_\_\_\_\_ Title: \_\_\_\_\_ Agency: \_\_\_\_\_