

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 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: \_\_\_\_\_  
2. Name of Operator: Foundation Energy 3. BLM Lease No: \_\_\_\_\_  
4. API Number: \_\_\_\_\_ 5. Multiple completion? ☐ Yes ☐ No  
6. Well Name: Becky State Number: 16-3  
7. Location (Qtr, Sec, Twp, Rng, Meridian): \_\_\_\_\_  
8. County: Logan 9. Field Name: \_\_\_\_\_  
10. Minerals: ☐ Fee ☐ State ☐ Federal ☐ Indian

11. Date of Test: 10-25-21

12. Well Status: ☐ Flowing ☐ Shut in  
☐ Gas Lift ☒ Pumping ☐ Injection  
☐ Cyclic/Intermittent  
☐ Plunger Lift

13. Number of Casing Strings: \_\_\_\_\_  
☐ Two ☐ Three ☐ Liner?

### STEP 1: EXISTING PRESSURES

Record all pressures as found

Tubing:	Tubing:	Prod. Casing:	Intermediate Csg:	Surface Casing:
Fm: _____	Fm: _____	Fm: _____		

15.

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:

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 ☐ Fresh  
☐ Sulfur ☐ Salty ☐ Black  
☐ Other: (describe) \_\_\_\_\_

Sample cylinder number: \_\_\_\_\_

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

Note instantaneous Bradenhead PSIG at end of test: >

### 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:

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 ☐ Fresh  
☐ Sulfur ☐ Salty ☐ Black  
☐ Other: (describe) \_\_\_\_\_

Sample cylinder number: \_\_\_\_\_

Elapsed Time (Min:Sec)	Fm: _____ Tubing:	Fm: _____ Tubing:	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: R. Steele Title: Pumper Phone: 970446-4542

Signed: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

WITNESSED BY: \_\_\_\_\_ Title: \_\_\_\_\_ Agency: \_\_\_\_\_