

State of Colorado  
Oil and Gas Conservation Commission

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



FOR OGCC USE ONLY

## 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. Bradenhead test  
Step 4. 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: 100185  
2. Name of Operator: Encana Oil & Gas (USA) Inc.  
3. BLM Lease No.:  
4. API Number:  
5. Multiple Completion? ☐ Yes ☐ No  
6. Well Name: Bently 11-13D  
7. Location (Qtr, Sec, Twp, Rng, Meridian): PG-11  
8. County: Garfield  
9. Field Name: High Mesa  
10. Minerals: ☐ Fee ☐ State ☐ Federal ☐ Indian

11. Date of Test: 10/10/17 → 10/17/17  
12. Well Status: ☒ Flowing ☐ Shut in  
☐ Gas Lift ☐ Pumping ☐ Injection  
☐ Clock/Intermittent  
☐ Plunger Lift  
13. Number of Casing Strings:  
☐ Two ☐ Three ☐ Liner?

14. STEP 1: EXISTING PRESSURES  
Record all pressures as found  
Tubing: 371 Fm  
Tubing: 371 Fm  
Prod. Casing: 375 Fm  
Intermediate Csg.:  
Surface Casing: 15

15. STEP 2: See instructions above

16. STEP 3: BRADENHEAD TEST 3:00 9:00  
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 characteristic of flow in "Bradenhead Flow" column using letter designations below:  
O = No Flow; C = Continuous; D = Down to 0; V = Vapor  
H = Water H<sub>2</sub>O; 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) N/A  
Sample cylinder number:  
Note instantaneous Bradenhead PSIG at end of test >

Elapsed Time (Min Sec)	Tubing	Prod. Casing PSIG	Intermediate Casing PSIG	Bradenhead Flow
00:	371	371	375	C
05:				D
10:				
15:				
20:				
25:				
30:				

17. STEP 4: INTERMEDIATE CASING TEST  
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 H<sub>2</sub>O; M = Mud; W = Whisper; S = Surge;  
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 >

Elapsed Time (Min Sec)	Tubing	Prod. Casing PSIG	Intermediate Casing PSIG	Intermediate Flow
00:				
05:				
10:				
15:				
20:				
25:				
30:				

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:

Kevin Tripp

Title:

Lease Operator

Phone:

970-260-1472

Signed:

A. J. J.

Title:

Date:

WITNESSED BY:

Title:

Agency: