

FORM

17

Rev  
6/99

# State of Colorado Oil and Gas Conservation Commission

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



DE ET OE ES

Document Number:

401751633

## 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 3 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: 26580 3. BLM Lease No: \_\_\_\_\_  
2. Name of Operator: BURLINGTON RESOURCES OIL & GAS LP  
4. API Number: 05-001-10151-00 5. Multiple completion? ☐ Yes ☒ No  
6. Well Name: Bear 3-65 22-23 Number: 3BH  
7. Location (QtrQtr, Sec, Twp, Rng, Meridian): NWSW,22,3S,65W,6  
8. County ADAMS 9. Field Name: WILDCAT  
10. Minerals: ☒ Fee ☐ State ☐ Federal ☐ Indian

11. Date of Test: 9/4/18  
12. Well Status: ☐ Flowing  
☒ Shut In ☐ Gas Lift  
☐ Pumping ☐ Injection  
☐ Clock/Intermitter  
☐ Plunger Lift

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

### 14. EXISTING PRESSURES

Record all pressures as found  
Tubing: \_\_\_\_\_ Fm: \_\_\_\_\_  
Tubing: \_\_\_\_\_ Fm: \_\_\_\_\_  
Prod Csg 0 Intermediate \_\_\_\_\_ Surf. Csg -6  
Fm: \_\_\_\_\_ Csg: \_\_\_\_\_

### BRADENHEAD TEST

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: NA

Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing:	Prod Csg PSIG	Intermedia Csg PSIG	Bradenhead Flow:
0			0		D
5			0		O
10			0		O
15			0		O
20			0		O
25			0		O
30			0		O

Instantaneous Bradenhead PSIG at end of test: > 0

### INTERMEDIATE CASING TEST

Buried valve? ☐ Yes ☐ No

Confirmed open? ☐ Yes ☐ No

With gauges monitoring production, intermediate 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:	Prod Csg PSIG	Intermedia Csg PSIG	Bradenhead Flow:

Instantaneous Intermediate Casing PSIG at end of test: > \_\_\_\_\_

Comments:

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Test Performed By: Jay S. HANSUNG

Title: Jay S. HANSUNG

Phone: 361-249-2432

Signed: Jay S. HANSUNG

Title: Well Site Sup.

Date: 09-04-2018

Witnessed By: Suzanne Shu

Title: Field Inspector

Agency: COGCC

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## State of Colorado

## Oil and Gas Conservation Commission

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DE ET OE ES

Document Number:

401751629

## 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 3 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: 26580 3. BLM Lease No: \_\_\_\_\_  
 2. Name of Operator: BURLINGTON RESOURCES OIL & GAS LP  
 4. API Number: 05-001-10004-00 5. Multiple completion? ☐ Yes ☒ No  
 6. Well Name: Bear 3-65 22-23 Number: 3AH  
 7. Location (QtrQtr, Sec, Twp, Rng, Meridian): NWSW,22,3S,65W,6  
 8. County ADAMS 9. Field Name: WILDCAT  
 10. Minerals: ☒ Fee ☐ State ☐ Federal ☐ Indian

11. Date of Test: 9/4/18

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

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

## 14. EXISTING PRESSURES

Record all pressures as found  
 Tubing: \_\_\_\_\_ Fm: \_\_\_\_\_  
 Tubing: \_\_\_\_\_ Fm: \_\_\_\_\_  
 Prod Csg \_\_\_\_\_ Intermediate \_\_\_\_\_ Surf. Csg \_\_\_\_\_  
 Fm: \_\_\_\_\_ Csg: \_\_\_\_\_

## BRADENHEAD TEST

Buried valve? ☐ Yes ☒ NoConfirmed 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: NA

Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing:	Prod Csg PSIG	Intermedia Csg PSIG	Bradenhead Flow:
0			0		D
5			0		0
10			0		0
15			0		0
20			0		0
25			0		0
30			0		

Instantaneous Bradenhead PSIG at end of test: &gt; 0

## INTERMEDIATE CASING TEST

Buried valve? ☐ Yes ☐ NoConfirmed open? ☐ Yes ☐ No

With gauges monitoring production, intermediate 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:	Prod Csg PSIG	Intermedia Csg PSIG	Bradenhead Flow:

Instantaneous Intermediate Casing PSIG at end of test: &gt;

Comments:

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Test Performed By: Jay S. HANSLIK

Title: WELL SITE SUP.

Phone: 8 361-649-2432

Signed: Jay S. Hanslik

Title: " " "

Date: 09/04/18

Witnessed By: [Signature]

Title: Field Inspector

Agency: COGCC

State of Colorado  
Oil and Gas Conservation Commission

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DE ET OE ES  
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401751640

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 3 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: 26580 3. BLM Lease No: \_\_\_\_\_  
2. Name of Operator: BURLINGTON RESOURCES OIL & GAS LP  
4. API Number: 05-001-10150-00 5. Multiple completion? Yes ☒ No ☒  
6. Well Name: Bear 3-65 22-23 Number: 3CH  
7. Location (QtrQtr, Sec, Twp, Rng, Meridian): NWSW,22,3S,65W,6  
8. County ADAMS 9. Field Name: WILDCAT  
10. Minerals: ☒ Fee ☐ State ☐ Federal ☐ Indian

11. Date of Test: 9/4/18  
12. Well Status: ☐ Flowing  
☒ Shut In ☐ Gas Lift  
☐ Pumping ☐ Injection  
☐ Clock/Intermitter  
☐ Plunger Lift

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

14. EXISTING PRESSURES

Record all pressures as found  
Tubing: \_\_\_\_\_ Fm: \_\_\_\_\_  
Tubing: \_\_\_\_\_ Fm: \_\_\_\_\_  
Prod Csg ☒ Intermediate Csg: \_\_\_\_\_  
Surf. Csg -21

BRADENHEAD TEST

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: NA

Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing:	Prod Csg PSIG	Intermedia Csg PSIG	Bradenhead Flow:
0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> 0		D
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> 0		O
10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> 0		O
15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> 0		O
20	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> 0		O
25	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> 0		O
30	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> 0		O

Instantaneous Bradenhead PSIG at end of test: > 0

INTERMEDIATE CASING TEST

Buried valve? ☐ Yes ☒ No  
Confirmed open? ☐ Yes ☒ No

With gauges monitoring production, intermediate 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:	Prod Csg PSIG	Intermedia Csg PSIG	Bradenhead Flow:
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

Instantaneous Intermediate Casing PSIG at end of test: >

Comments:

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Test Performed By: Jay Hanslie

Title: Well Site Sup.

Phone: 361-649-2482

Signed: Jay D. Hanslie

Title: "

Date: 09-04-2018

Witnessed By: Steven Shur

Title: Field Inspector

Agency: COGCC

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## Oil and Gas Conservation Commission

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## 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 3 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: 26580 3. BLM Lease No: \_\_\_\_\_  
 2. Name of Operator: BURLINGTON RESOURCES OIL & GAS LP  
 4. API Number: 05-001-10005-00 5. Multiple completion? ☐ Yes ☒ No  
 6. Well Name: BEAR 3-65 22-23 Number: 3DH  
 7. Location (QtrQtr, Sec, Twp, Rng, Meridian): NWSW,22,3S,65W,6  
 8. County ADAMS 9. Field Name: WLDCAT  
 10. Minerals: ☒ Fee ☐ State ☐ Federal ☐ Indian

11. Date of Test: 9/4/18

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

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

## 14. EXISTING PRESSURES

Record all pressures as found  
 Tubing: \_\_\_\_\_ Fm: \_\_\_\_\_  
 Tubing: \_\_\_\_\_ Fm: \_\_\_\_\_  
 Prod Csg 0 Intermediate Surf. Csg -9  
 Csg: \_\_\_\_\_

## BRADENHEAD TEST

Buried valve? ☐ Yes ☒ NoConfirmed 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: NA

Instantaneous Bradenhead PSIG at end of test: &gt; 0

Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing:	Prod Csg PSIG	Intermedia Csg PSIG	Bradenhead Flow:
0			0		D
5			0		O
10			0		O
15			0		O
20			0		O
25			0		O
30			0		O

## INTERMEDIATE CASING TEST

Buried valve? ☐ Yes ☐ NoConfirmed open? ☐ Yes ☐ No

With gauges monitoring production, intermediate 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: \_\_\_\_\_

Instantaneous Intermediate Casing PSIG at end of test: &gt;

Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing:	Prod Csg PSIG	Intermedia Csg PSIG	Bradenhead Flow:

Comments:

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Test Performed By: Jay S. HANSLIE

Title: Well Site Supervisor Phone: 361-649-2432

Signed: [Signature]

Title: M

Date: 09-04-2018

Witnessed By: [Signature]

Title: Field Inspector

Agency: COGCC