

FORM  
17Rev  
6/99State of Colorado  
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109



DE ET OE ES

Document Number:

200201761

## 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: 10098 3. BLM Lease No: 14-20-151-30  
2. Name of Operator: ENERVEST OPERATING LLC  
4. API Number: 05-067-05631-00 5. Multiple completion? ☐ Yes ☐ No  
6. Well Name: BONDAD 34-10 Number: 5  
7. Location (QtrQtr, Sec, Twp, Rng, Meridian): SENW,25,34N,10W,M  
8. County LA PLATA 9. Field Name: IGNACIO BLANCO  
10. Minerals: ☐ Fee ☐ State ☐ Federal ☒ Indian

11. Date of Test: 09/19/2002

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: 260 Fm: MVRD	Prod Csg 350 Fm: MVRD	Intermediate Csg: _____	Surf. Csg 1
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## 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 H<sub>2</sub>O; M = Mud; W = Whisper; S = Surge; G = Gas

BRADENHEAD SAMPLE TAKEN?

☐ Yes ☒ No ☐ Gas ☐ LiquidCharacter of Bradenhead fluid: ☐ Clear ☐ Fresh☐ Sulfur ☐ Salty ☐ Black

Other:(describe)

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

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:
00:00		MVRD 260	MVRD 350		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 H<sub>2</sub>O; M = Mud; W = Whisper; S = Surge; G = Gas

INTERMEDIATE SAMPLE TAKEN?

☐ Yes ☐ No ☐ Gas ☐ LiquidCharacter 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: WELL SI FOR TEST: BRADENHEAD W/ PSI TO 0 1 SEC.

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

Test Performed By: \_\_\_\_\_ Title: \_\_\_\_\_ Phone: (505) 325-0318

Signed: MICKEY AHRONS Title: SENIOR PUMPER Date: 9/19/2002

Witnessed By: \_\_\_\_\_ Title: \_\_\_\_\_ Agency: \_\_\_\_\_

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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: 10098 3. BLM Lease No: 14-20-151-30  
2. Name of Operator: ENERVEST OPERATING LLC  
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6. Well Name: BONDAD 34-10 Number: 5  
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10. Minerals: ☐ Fee ☐ State ☐ Federal ☒ Indian

11. Date of Test: 09/19/2002

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: _____	Tubing: <u>260</u>	Prod Csg <u>350</u>	Intermediate	Surf. Csg
	Fm: _____	Fm: <u>MVRD</u>	Fm: <u>MVRD</u>	Csg: _____	<u>1</u>

**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: \_\_\_\_\_

Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing:	Prod Csg PSIG	Intermedia Csg PSIG	Bradenhead Flow:
00:05		MVRD 265	MVRD 355		O

Instantaneous Bradenhead PSIG at end of test: > 0

## INTERMEDIATE CASING TEST

Buried valve? <input type="checkbox"/> Yes <input type="checkbox"/> No Confirmed open? <input type="checkbox"/> Yes <input type="checkbox"/> 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 H <sub>2</sub> O; M = Mud; W = Whisper; S = Surge; G = Gas	Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing:	Prod Csg PSIG	Intermedia Csg PSIG	Bradenhead Flow:

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: >

Comments: WELL SI FOR TEST: BRADENHEAD W/ PSI TO 0 1 SEC.

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

Test Performed By: \_\_\_\_\_ Title: \_\_\_\_\_ Phone: (505) 325-0318  
 Signed: MICKEY AHRONS Title: SENIOR PUMPER Date: 9/19/2002  
 Witnessed By: \_\_\_\_\_ Title: \_\_\_\_\_ Agency: \_\_\_\_\_

<b>FORM</b> <b>17</b> Rev 6/99	State of Colorado Oil and Gas Conservation Commission 1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">DE</td> <td style="width: 25%;">ET</td> <td style="width: 25%;">OE</td> <td style="width: 25%;">ES</td> </tr> <tr> <td colspan="4" style="text-align: center;">                     Document Number:  <u>200201761</u> </td> </tr> </table>	DE	ET	OE	ES	Document Number: <u>200201761</u>			
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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: <u>10098</u> 3. BLM Lease No: <u>14-20-151-30</u> 2. Name of Operator: <u>ENERVEST OPERATING LLC</u> 4. API Number; <u>05-067-05631-00</u> 5. Multiple completion? <input type="checkbox"/> Yes <input type="checkbox"/> No 6. Well Name: <u>BONDAD 34-10</u> Number: <u>5</u> 7. Location (QtrQtr, Sec, Twp, Rng, Meridian): <u>SENW,25,34N,10W,M</u> 8. County <u>LA PLATA</u> 9. Field Name: <u>IGNACIO BLANCO</u> 10. Minerals: <input type="checkbox"/> Fee <input type="checkbox"/> State <input type="checkbox"/> Federal <input checked="" type="checkbox"/> Indian	11. Date of Test: <u>09/19/2002</u> 12. Well Status: <input type="checkbox"/> Flowing <input type="checkbox"/> Shut In <input type="checkbox"/> Gas Lift <input type="checkbox"/> Pumping <input type="checkbox"/> Injection <input checked="" type="checkbox"/> Clock/Intermitter <input type="checkbox"/> Plunger Lift 13. Number of Casing Strings: <input checked="" type="checkbox"/> Two <input type="checkbox"/> Three <input checked="" type="checkbox"/> Liner?
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**14. EXISTING PRESSURES**

Record all pressures as found	Tubing: _____	Tubing: <u>260</u>	Prod Csg <u>350</u>	Intermediate	Surf. Csg
	Fm: _____	Fm: <u>MVRD</u>	Fm: <u>MVRD</u>	Csg: _____	<u>1</u>

### BRADENHEAD TEST

Buried valve? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Confirmed open? <input type="checkbox"/> Yes <input type="checkbox"/> 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	Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing:	Prod Csg PSIG	Intermedia Csg PSIG	Bradenhead Flow:
	00:10		MVRD 265	MVRD 360		O

BRADENHEAD SAMPLE TAKEN? ☐ Yes ☒ No ☐ Gas ☐ Liquid

Character of Bradenhead fluid: ☐ Clear ☐ Fresh  
☐ Sulfur ☐ Salty ☐ Black  
 Other:(describe) \_\_\_\_\_

Sample cylinder number: \_\_\_\_\_ Instantaneous Bradenhead PSIG at end of test: > 0

### INTERMEDIATE CASING TEST

Buried valve? <input type="checkbox"/> Yes <input type="checkbox"/> No Confirmed open? <input type="checkbox"/> Yes <input type="checkbox"/> 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	Elapsed Time (Min:Sec)	Fm: Tubing	Fm: Tubing:	Prod Csg PSIG	Intermedia Csg PSIG	Bradenhead Flow:

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: >

Comments: WELL SI FOR TEST: BRADENHEAD W/ PSI TO 0 1 SEC.

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