

State of Colorado
Oil and Gas Conservation Commission

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



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|--------------------------------------|----|----|----|
| DE | ET | OE | ES |
| Document Number: <u>200201897</u> | | | |

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>10000</u> | 3. BLM Lease No: _____ | 11. Date of Test: <u>09/12/2001</u> |
| 2. Name of Operator: <u>BP AMERICA PRODUCTION COMPANY</u> | | 12. Well Status: <input checked="" type="checkbox"/> Flowing |
| 4. API Number; <u>05-067-08378-00</u> | 5. Multiple completion? <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Shut In <input type="checkbox"/> Gas Lift |
| 6. Well Name: <u>GEARHART GAS UNIT B</u> | Number: <u>2</u> | <input type="checkbox"/> Pumping <input type="checkbox"/> Injection |
| 7. Location (QtrQtr, Sec, Twp, Rng, Meridian): <u>NWNE,6,34N,7W,N</u> | | <input type="checkbox"/> Clock/Intermitter |
| 8. County <u>LA PLATA</u> | 9. Field Name: <u>IGNACIO BLANCO</u> | <input type="checkbox"/> Plunger Lift |
| 10. Minerals: <input type="checkbox"/> Fee <input type="checkbox"/> State <input type="checkbox"/> Federal <input type="checkbox"/> Indian | | 13. Number of Casing Strings: |
| | | <input checked="" type="checkbox"/> Two <input type="checkbox"/> Three <input type="checkbox"/> Liner? |

14. EXISTING PRESSURES

| | | | | | |
|-------------------------------|----------------------------|----------------------------|-----------------------------|----------------------------------|-----------------------------|
| Record all pressures as found | Tubing: _____ Fm: _____ | Tubing: _____ Fm: _____ | Prod Csg _____ Fm: _____ | Intermediate _____ Csg: _____ | Surf. Csg _____ <u>2</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

| Elapsed Time (Min:Sec) | Fm: Tubing | Fm: Tubing: | Prod Csg PSIG | Intermedia Csg PSIG | Bradenhead Flow: |
|------------------------|------------|-------------|---------------|---------------------|------------------|
| 00:00 | | | | | D |
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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? 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

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

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: () 749-8239 _____

Signed: PETER HESS Title: TECH Date: 9/12/2001

Witnessed By: _____ Title: _____ Agency: _____

FORM 17 Rev 6/99

State of Colorado 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: 10000 3. BLM Lease No: _____
 2. Name of Operator: BP AMERICA PRODUCTION COMPANY
 4. API Number; 05-067-08378-00 5. Multiple completion? Yes No
 6. Well Name: GEARHART GAS UNIT B Number: 2
 7. Location (QtrQtr, Sec, Twp, Rng, Meridian): NWNE,6,34N,7W,N
 8. County LA PLATA 9. Field Name: IGNACIO BLANCO
 10. Minerals: Fee State Federal Indian

11. Date of Test: 09/12/2001
 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 _____ Fm: _____ | Intermediate _____ Csg: _____ | Surf. Csg _____ 2 |
|-------------------------------|----------------------------|----------------------------|-----------------------------|----------------------------------|----------------------|

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

| Elapsed Time (Min:Sec) | Fm: Tubing | Fm: Tubing: | Prod Csg PSIG | Intermedia Csg PSIG | Bradenhead Flow: |
|------------------------|------------|-------------|---------------|---------------------|------------------|
| 00:05 | | | | | O |
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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

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 | | | | | O |
| BRADENHEAD SAMPLE TAKEN? | | | | | | |
| <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Gas <input type="checkbox"/> Liquid | | | | | | |
| Character of Bradenhead fluid: <input type="checkbox"/> Clear <input type="checkbox"/> Fresh | | | | | | |
| <input type="checkbox"/> Sulfur <input type="checkbox"/> Salty <input type="checkbox"/> Black | | | | | | |
| Other:(describe) | | | | | | |
| Sample cylinder number: _____ | | | | | | Instantaneous Bradenhead PSIG at end of test: > <u>0</u> |

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? | | | | | | |
| <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Gas <input type="checkbox"/> Liquid | | | | | | |
| Character of Intermediate fluid: <input type="checkbox"/> Clear <input type="checkbox"/> Fresh | | | | | | |
| <input type="checkbox"/> Sulfur <input type="checkbox"/> Salty <input type="checkbox"/> Black | | | | | | |
| Other:(describe) | | | | | | |
| Sample cylinder number: _____ | | | | | | 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: _____ Title: _____ Phone: () 749-8239 _____

Signed: PETER HESS Title: TECH Date: 9/12/2001

Witnessed By: _____ Title: _____ Agency: _____