

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:

200201760

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: 3380 3. BLM Lease No: 14-20-151-30
 2. Name of Operator: APACHE CORPORATION
 4. API Number: 05-067-05628-00 5. Multiple completion? ☐ Yes ☐ No
 6. Well Name: BONDAD 34-10 Number: 6
 7. Location (QtrQtr, Sec, Twp, Rng, Meridian): NWSE,26,34N,10W,M
 8. County LA PLATA 9. Field Name: IGNACIO BLANCO
 10. Minerals: ☐ Fee ☐ State ☐ Federal ☒ Indian

11. Date of Test: 10/10/2002

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: 0 | Tubing: | Prod Csg 2 | Intermediate | Surf. Csg |
| | Fm: MVRD | Fm: | Fm: MVRD | Csg: | 15 |

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 ☐ LiquidCharacter of Bradenhead fluid: ☐ Clear ☐ Fresh☐ Sulfur ☐ Salty ☐ Black

Other:(describe)

Sample cylinder number:

Instantaneous Bradenhead PSIG at end of test: > 0

| Elapsed Time (Min:Sec) | Fm: Tubing | Fm: Tubing: | Prod Csg PSIG | Intermedia Csg PSIG | Bradenhead Flow: |
|------------------------|------------|-------------|---------------|---------------------|------------------|
| 00:00 | MVRD 0 | | MVRD 2 | | G |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

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 ☐ LiquidCharacter of Intermediate fluid: ☐ Clear ☐ Fresh☐ Sulfur ☐ Salty ☐ Black

Other:(describe)

Sample cylinder number:

Instantaneous Intermediate Casing PSIG at end of test: >

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

Comments: WELL SI DURING TEST: BRADENHEAD THROUGH 1/4" PORT W/ 15 PSI TO W 1 MIN 30 SEC. TO VAPOR 3 MIN TO 0.3 MIN 40 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: 10/10/2002

Witnessed By: _____ Title: _____ Agency: _____

FORM
17

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



DE ET OE ES

Document Number:

200201760

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: 3380 3. BLM Lease No: 14-20-151-30
2. Name of Operator: APACHE CORPORATION
4. API Number; 05-067-05628-00 5. Multiple completion? ☐ Yes ☐ No
6. Well Name: BONDAD 34-10 Number: 6
7. Location (QtrQtr, Sec, Twp, Rng, Meridian): NWSE,26,34N,10W,M
8. County LA PLATA 9. Field Name: IGNACIO BLANCO
10. Minerals: ☐ Fee ☐ State ☐ Federal ☒ Indian

11. Date of Test: 10/10/2002

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: <u>0</u> | Tubing: _____ | Prod Csg <u>2</u> | Intermediate | Surf. Csg |
| | Fm: <u>MVRD</u> | Fm: _____ | Fm: <u>MVRD</u> | Csg: _____ | <u>15</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 0 | | MVRD 1 | | V |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

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: _____ Instantaneous Intermediate Casing PSIG at end of test: >

Comments: WELL SI DURING TEST: BRADENHEAD THROUGH 1/4" PORT W/ 15 PSI TO W 1 MIN 30 SEC. TO VAPOR 3 MIN TO 0 3 MIN 40 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: 10/10/2002

Witnessed By: _____ Title: _____ Agency: _____

FORM

17

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



DE ET OE ES

Document Number:

200201760

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: 3380 3. BLM Lease No: 14-20-151-30

2. Name of Operator: APACHE CORPORATION

4. API Number: 05-067-05628-00 5. Multiple completion? ☐ Yes ☐ No

6. Well Name: BONDAD 34-10 Number: 6

7. Location (QtrQtr, Sec, Twp, Rng, Meridian): NWSE,26,34N,10W,M

8. County LA PLATA 9. Field Name: IGNACIO BLANCO

10. Minerals: ☐ Fee ☐ State ☐ Federal ☒ Indian

11. Date of Test: 10/10/2002

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: <u>0</u> | Tubing: _____ | Prod Csg <u>2</u> | Intermediate | Surf. Csg |
| | Fm: <u>MVRD</u> | Fm: _____ | Fm: <u>MVRD</u> | Csg: _____ | <u>15</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 0 | | MVRD 1 | | 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 DURING TEST: BRADENHEAD THROUGH 1/4" PORT W/ 15 PSI TO W 1 MIN 30 SEC. TO VAPOR 3 MIN TO 0 3 MIN 40 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: <u>MICKEY AHRONS</u> | Title: <u>SENIOR PUMPER</u> | Date: <u>10/10/2002</u> |
| Witnessed By: _____ | Title: _____ | Agency: _____ |