

Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-103  
Revised 1-1-89

**DISTRICT I**  
P.O. Box 1980, Hobbs, NM 88240

**OIL CONSERVATION DIVISION**  
P.O. Box 2088

**DISTRICT II**  
P.O. Drawer DD, Artesia, NM 88210

Santa Fe, New Mexico 87504-2088

**DISTRICT III**  
1000 Rio Brazos Rd., Aztec, NM 87410

|   |
|---|
| WELL API NO.<br>3004510666  |
| 5. Indicate Type of Lease<br>STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> |
| 6. State Oil & Gas Lease No.  |
| 7. Lease Name or Unit Agreement Name<br>CANEPLA GAS COM 001   |
| 8. Well No.<br>1  |
| 9. Pool name or Wildcat<br>BLANCO-MESAVERDE   |

|   |  |
|---|--|
| <b>SUNDRY NOTICES AND REPORTS ON WELLS</b><br>(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) |  |
| 1. Type of Well:<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER  |  |
| 2. Name of Operator<br>AMOCO PRODUCTION COMPANY<br>Attention: Mike Curry  |  |
| 3. Address of Operator<br>P.O. Box 800 Denver Colorado 80201  |  |
| 4. Well Location<br>Unit Letter N : 990 Feet From The South Line and 1320 Feet From The West Line<br>Section 18 Township 31 N Range 10 W NMPM SAN JUAN County   |  |
| 10. Elevation (Show whether DF, RKB, RT, GR, etc.)<br>5767' GR  |  |

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

| NOTICE OF INTENTION TO:                                      | SUBSEQUENT REPORT OF:                               |
|--|---|
| PERFORM REMEDIAL WORK <input type="checkbox"/>               | REMEDIAL WORK <input type="checkbox"/>              |
| TEMPORARILY ABANDON <input type="checkbox"/>                 | ALTERING CASING <input type="checkbox"/>            |
| PULL OR ALTER CASING <input type="checkbox"/>                | COMMENCE DRILLING OPNS. <input type="checkbox"/>    |
| OTHER: Bradenhead Repair <input checked="" type="checkbox"/> | PLUG AND ABANDONMENT <input type="checkbox"/>       |
|  | CASING TEST AND CEMENT JOB <input type="checkbox"/> |
|  | OTHER: <input type="checkbox"/>                     |

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Bradenhead repair to ensure zonal isolation behind casing. See attached procedures.

**RECEIVED**  
JUN 14 1993  
OIL CON. DIV.  
DIST. 3

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Mike Curry TITLE Business Analyst DATE 06-09-1993  
TYPE OR PRINT NAME Mike Curry TELEPHONE NO. (303) 830-4075

(This space for State Use)

Original Signed by CHARLES GHOLSON

APPROVED BY \_\_\_\_\_ TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 3 DATE JUN 14 1993  
CONDITIONS OF APPROVAL, IF ANY:

Workover Procedure  
Canepa Gas Com #1  
Sec.18-T31N-R10W  
San Juan County, NM

1. Contact Federal or State agency prior to starting repair work.
2. Catch gas and/or water sample off of bradenhead and casing, and have analyzed.
3. Install and/or test anchors.
4. MIRUSU. Check and record tubing, casing and bradenhead pressures.
5. Blow well down, kill well if necessary with 2% KCL.
6. Nipple down well head, nipple up and pressure test BOP's.
7. Trip in the hole and tag PBTD, check for fill, trip and tally out of hole with tubing checking condition of tubing.
8. Trip in the hole with bit and scraper for the intermediate casing and trip in to the top of the liner. Trip out of the hole with bit and scraper. Trip in hole with second bit and scraper and run from the top of the liner to the top of the perforations. A seating nipple and standing valve may be run in order to pressure test the tubing.
9. Trip in the hole with RBP and PKR. Set RBP 50-100 ft. above perforations. Trip out of hole one joint and set PKR and pressure test RBP to 1500 psi. Release PKR, spot sand on RBP and pressure test csg to 1000 psi. If no leak is found, trip out of hole with PKR and skip to step 11.
10. Trip out of hole isolating leak in liner, if any. If a liner leak is found, establish injection rate and check for circulation around liner top. Also, determine if there is a leak above the top of the liner. Trip out of hole with PKR.
11. Determine from well file and history, the interval a CBL needs to be run between the RBP and the surface. If a CBL is needed, run CBL over the interval necessary under 1000 psi and report results to Denver. Different size CBL tools may be required in the liner versus the intermediate casing.
12. If there are no casing leaks, skip to step 14.
13. If there is a leak in the liner and a leak above the top of the liner, trip in hole with a RBP that fits the liner and a PKR that fits the intermediate casing. Set RBP 30-60' below the top of the liner. Release PKR and trip out of hole isolating leak in the intermediate casing.
14. Based on the location of the leak, if any, and the results of the CBL, perforate casing if necessary with 4 JSPF and circulate dye if possible to determine cement volume. Depending on the depth of the hole and circulating pressure, a PKR or a cement retainer may be needed.

15. Mix and pump sufficient cement (class B or equivalent with two hour setting time) to circulate to surface, if circulation to surface is possible. Shut bradenhead valve and attempt to obtain a squeeze pressure and WOC.
16. Trip out of hole. Trip in the hole with bit and scraper and drill out cement and pressure test casing. Re-squeeze leaks if casing fails pressure test.
17. If cement is not circulated to the surface, it may be necessary to run another CBL (and/or temperature survey 8-10 hours after cementing) and repeat steps 14 thru 16.
18. Trip in the hole with retrieving head for RBP, circulate sand off of RBP and trip out of hole with plug.
19. If there is a leak in the liner top, trip in hole with a PKR. If there is no leak in the liner top, skip to step 22.
20. Mix and pump sufficient cement (class B or equivalent with two hour setting time) to squeeze liner top. Attempt to obtain a squeeze pressure and WOC.
21. Trip in the hole with bit and scraper and drill out cement and pressure test casing. Re-squeeze leak if liner top fails pressure test.
22. If there is a second RBP in the liner, trip in the hole with a retrieving head, circulate sand off of the RBP and trip out of hole with the plug.
23. If there is a leak in the liner or squeeze work is required based on the CBL, perforate casing, if necessary with 4 JSPF. Trip in hole with a cement retainer and set above the leak or perforations.
24. Mix and pump sufficient cement (class B or equivalent with two hour setting time) and attempt to obtain a squeeze pressure and WOC.
25. Trip in the hole with bit and scraper and drill out cement and pressure test casing. Re-squeeze leaks if casing fails pressure test.
26. Trip in the hole with retrieving head for RBP set in the liner, circulate sand off of RBP with 2% KCL and trip out of hole with plug.
27. Trip in hole with a sawtooth collar and/or bailer and clean out to PBTD and trip out of hole.
28. Trip in the hole with the production string (1/2 mule shoe on bottom and a seating nipple one joint off bottom), land tubing to original depth. Nipple down BOP's, nipple up well head.
29. Swab well in and put well on production.
30. Rig down move off service unit.



STATE OF NEW MEXICO  
ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION  
AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD  
AZTEC, NEW MEXICO 87410  
(505) 334-6178

BRADENHEAD TEST REPORT  
(Submit 2 copies to above address)

Date of Test 10/11/92 Operator Amoco Production, 200 Amoco Court, Farmington, NM  
Lease Name Caneple GC Well No. 1 Location: Unit N Section 18 Township 31 N Range 10 W  
Pressure (Shut-in or Flowing) 340 Intermediate NA Casing 350 Bradenhead 98

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

| TIME    | PRESSURES:   |            | BRADENHEAD FLOWED    | INTERMEDIATE FLOWED |
|---------|--------------|------------|----------------------|---------------------|
|         | INTERMEDIATE | CASING     |                      |                     |
| 5 min.  |              |            | Steady Flow <u>✓</u> | <u>NA</u>           |
| 10 min. |              |            | Surges               |                     |
| 15 min. |              |            | Down to Nothing      |                     |
| 20 min. |              |            | Nothing              |                     |
| 25 min. |              |            | Gas                  |                     |
| 30 min. | <u>NA</u>    | <u>350</u> | Gas & Water <u>✓</u> |                     |
|         |              |            | Water                |                     |

If Bradenhead flowed water, check description below:

CLEAR ✓ FRESH \_\_\_\_\_ SALTY \_\_\_\_\_ SULFUR \_\_\_\_\_ BLACK \_\_\_\_\_

REMARKS:

Bradenhead had 98psi steady flow of water Bradenhead was open  
30 min

By Billy Nelson Witness \_\_\_\_\_

CANEPLA GAS COM #1  
 Location - 18N - 31N - 10W  
 SINGLE MV  
 Orig. Completion - 1/54  
 LAST FILE UPDATE - 4/92 BY CSW

PL 2425  
 V 4158  
 MN 4260  
 PL 4732  
 MS 4835

BOT OF 9.625 IN OD CSA 255  
 32.3 LB/FT, H-40 CASING  
 W/275 SKS  
~~CTR TO SURFACE~~  
~~PICTURED CLIFFS @ 2425~~  
~~MESA VERDE @ 4158~~  
 CMT DID NOT CIRC  
 PUMPED BOX OUTSIDE OF CSC THRU 1'

CLIFFHOUSE  
 MV-2SPF PERF 4188-4253  
 4188-98  
 4203-11  
 4220-26  
 4231-40  
 4245-53

Point  
 Lower  
 4702-4710  
 4718-4724  
 4736-4748  
 4762-4772  
 4786-4794  
 4807-4813  
 4823-4829

PBTD AT 4886 FT.

4928-4934

TOTAL DEPTH 4950 FT.

Booth Ross Plain Type Hanger  
 TOP OF 5 IN. LINER AT 4040  
 BOT OF 7 IN OD CSA 4178, 20 LB/FT  
 J-55 CASING, W/150 SKS  
 TS-3035

BOT OF 2.375 IN OD TBG AT 4827

BOT OF 5 IN OD LINER AT 4933  
 15 LB/FT, J-55 CASING

FILENAME:  
 04510666

4/61 - RAN LINER X  
 CMT 5920 LINER TOP W/43 SX