State of New Mexico Form C-103 **Submit 3 Copies** Revised 1-1-89 Energy, Minerals and Natural Resources Department to Appropriate District Office OIL CONSERVATION DIVISION DISTRICT I P.O. Box 1980, Hobbs, NM 88240 WELL API NO. P.O.Box 2088 30-045-2295400 Santa Fe. New Mexico 87504-2088 DISTRICT II P.O. Drawer DD, Artesia, NM 88210 5 Indicate Type of Lease FEE XX STATE _ DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410 6. State Oil & Gas Lease No. SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A 7. Lease Name or Unit Agreement Name DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) Martinez Gas Com "I" 1. Type of Well: WELL ___ XX 8. Well No. 2. Name of Operator Dallas Kalahar No. Attn: Amoco Production Company 9. Pool name or Wildcat 3. Address of Operator mu P.O. Box 800, Denver, CO 80201 4. Well Location Line Line and 1780 Feet From The : 1570 Feet From The South Unit Letter K **NMPM** San Juan County 10 West Township 29 North Range Section 24 10. Elevation (Show whether DF, RKB, RT, GR, etc.) 5597' GL Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data 11. SUBSEQUENT REPORT OF: NOTICE OF INTENTION TO: ALTERING CASING PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK COMMENCE DRILLING OPNS. PLUG AND ABANDONMENT **TEMPORARILY ABANDON** CHANGE PLANS CASING TEST AND CEMENT JOB **PULL OR ALTER CASING** XX OTHER: Bradenhead Repair 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. Amoco intends to perform the attached workover procedure to eliminate bradenhead pressure and to ensure zonal isolation behind casing. Please contact Dallas Kalahar (303) 830-5129 if you have any questions. AR2 2.1993 OIL CON. DIV The information above is true and complete to the best of my knowledge and belief. I hereby certify that THIE Staff Business Analyst _ _{DATE} <u>3/10/93</u>

TELEPHONE NO.

SIGNATURE

TYPE OR PRINT NAME

(This space for State Use)

Workover Procedure
Martinez Gas Com I #1
Sec.24-T29N-R10W
San Juan County, NM

- 1. Contact Federal or State agency prior to starting repair work.
- 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 <u>and</u> 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. Resqueeze 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.

MARTINEZ GAS COM I #1 LOCATION, K24 29N 10W SINGLE MV ORIGINAL COMPLETION 04/78 LAST FILE UPDATE 3/93 BY CSW ELEVATIONS 5597 GL 5610 KB

