State of New Mexico

Form C-103

Submit 3 Copies Energy, Minerals and Natural Resources Department Revised 1-1-89 to Appropriate District Office DISTRICT I P.O. Box 1980, Hobbs, NM 88240 OIL CONSERVATION DIVISION WELL API NO. P.O.Box 2088 3004524867 DISTRICT II P.O. Drawer DD, Artesia, NM 88210 Santa Fe, New Mexico 87504-2088 5. Indicate Type of Lease FEE X 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.) State Com C 1. Type of Well: OIL WELL OTHER Attention: 8. Well No. 2. Name of Operator AMOCO PRODUCTION COMPANY Dallas Kalahar 3. Address of Operator 9. Pool name or Wildcat (303) 830-5129 P.O. Box 800 Denver Colorado 80201 Aztec (Pict Cliffs) 4. Well Location 1410 Feet From The South Feet From The Unit Letter Line and 29N 9W 32 NMPM San Juan Township Range Section County 10. Elevation (Show whether DF, RKB, RT, GR, etc.) 5866 GL Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: PLUG AND ABANDON PERFORM REMEDIAL WORK REMEDIAL WORK ALTERING CASING TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING OPNS. PLUG AND ABANDONMENT PULL OR ALTER CASING CASING TEST AND CEMENT JOB Bradenhead Repair X OTHER: OTHER:_ 12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed Amoco Production Company intends to perform the attached workover procedure to eliminate breadenhead pressure. If you have any questions, please contact Dallas Kalahar at (303) 830-5129 JUL1 61993 OIL CON. DIV. I hereby certify that the information above is true and complete to the best of my knowledge and belief. Staff Business Analyst DATE __07-08-1993

Workover Procedure State Com C #6 Sec.32-T29N-R09W 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 on location.
- 4. MIRUSU. Check and record tubing, casing and bradenhead pressures.
- 5. Blow down well and kill well, if necessary, with 2% KCL water.
- 6. ND wellhead. NU and pressure test BOP's.
- 7. TIH and tag PBTD, check for fill. Trip and tally out of hole with tubing, checking condition of tubing.
- 8. TIH with bit and scraper to top of perforations. A seating nipple and standing valve may be run in order to pressure test tubing. TOH.
- 9. TIH with RBP and packer. Set RBP 50-100 ft. above perforations. TOH one joint and set packer. Pressure test RBP to 1500 psi.
- 10. Pressure test casing above packer. Isolate leak, if any, by moving packer up the hole and repeating pressure test.
 - NOTE: If this can not be accomplished, contact Greg Grotke in Denver at (303) 830-4079. If no leak is found, it may be necessary to perforate the casing below surface casing depth or above the top of cement in order to circulate cement to surface.
- 11. Establish injection rate into leak, if found, and attempt to circulate to surface.
- 12. Release packer, spot sand on RBP and TOH with packer.
- 13. Run, if necessary, a CBL and CCL to determine cement top.
- 14. Perforate casing above cement top, if necessary, with 4 JSPF and circulate dye to determine cement volume.

- 15. Depending on depth of hole and circulating pressure, a packer or cement retainer may be needed.
- 16. Mix and pump sufficient cement (Class B or equivalent, with a setting time of 2 hours) to circulate to surface. Shut bradenhead valve and attempt to walk squeeze to obtain a 1000 psi squeeze pressure. WOC.
- 17. TIH with bit and scraper and drill out cement.
 Pressure test casing to 1000 psi. TOH with bit and scraper.
- 18. TIH with retrieving head for RBP. Circulate sand off of RBP and TOH with RBP.
- 19. TIH with sawtooth collar and/or bailer and clean out hole to PBTD, if fill was found in step 7. TOH.
- 20. TIH with production string (1/2 mule shoe on bottom and seating nipple one joint off bottom) and land tubing to original depth. NDBOP. NU wellhead.
- 21. Swab well in and put on production.
- 22. RDMOSU.



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

94611 - PC 94610 - CK

BRADENHEAD TEST REPORT (Submit 2 copies to above address)

Lease Name	nut-in or Flowing) Tu	Well No. <u></u> b ubing <u></u>	Location: Unit Section Intermediate TO ATMOSPHERE INDIV	Township 2	N Range OS W
	PRESSU			BRADENHEAD	INTERMEDIATE FLOWED
<u> </u>	INTERMEDIATE	CASING	Steady Flow	FLOWED	
10 min.			Surges		
15 min.			Down to Nothing	X	
20 min.			Nothing		
25 min.			Gas	X	
30 min.			Gas & Water		
	4		Water		
If Bradenhead flowed water, check description below: CLEAR FRESH SALTY SULFUR BLACK REMARKS:					
Ву	Amoco		Witness _	Kin	

STATE COM C 006 Location — 32**K**— 29N— 9W DUAL CK—PC Orig.Completion — 1/83 LAST FILE UPDATE — 6/93 BY CSW

