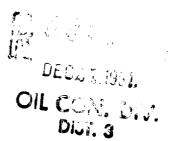
Form	3160-5
(June	1990)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

BUREAU OF LAND MANAGEMENT	5. Lease Designation and Serial No.
SUNDRY NOTICES AND REPORTS ON WELLS 25 Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  Use "APPLICATION FOR PERMIT—" for such proposals	SF-078905  6. If Indian, Allottee or Tribe Name
SUBMIT IN TRIPLICATE	7. If Unit or CA, Agreement Designation
1. Type of Well Oil Gas Well Well Other  2. Name of Operator	8. Well Name and No.
Amoco Production Company Attn: John Hampton	Gallegos Canyon Unit 9. API Well No. 159E
3. Address and Telephone No. P.O. Box 800 Denver, Colorado 80201	30-045-25717  10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  Sec. 31, T28N, R12w 1850' FSL x 980' Fw1	Basin Dakota H. County or Parish, State San Juan, NM
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	,
Abandonment  Recompletion  Plugging Back  Casing Repair  Altering Casing  Other Workover to elimin  bradenhead pressur	Change of Plans  New Construction  Non-Routine Fracturing  Water Shut-Off  Conversion to Injection  a te Dispose Water  e . (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)  g any proposed work. If well is directionally drilled,

Please see attachment for procedures.



If you have any questions please contact Cindy Burton @ (303) 830-5119.

APPROVED AS AMENDED

,	DEC 24 1991		
14. I hereby certify that the foregoing is true and correct Signed	Tile Sr. Staff Admin. Supv.	MANAGER   17/91	
Approved byConditions of approval, if any:	Title	Date	

Workover Procedure
Gallegos Canyon Unit #159E
Sec.31-T28N-R12W
San Juan County, NM

- 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 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 Brent Miller in Denver at (303)830-4049. 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. 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.