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

Non-Routine Fracturing

Recompletion Report and Log form,)

(Note: Report results of multiple completion on Well Completion of

SUNDRY NOTICES AND REPORTS ON WELLS 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	5. Lease Designation and Serial No. Jicarilla Contract 146 6. If Indian, Allottee or Tribe Name Jicarilla Apache	
1. Type of Well Oil Well Well Other	7. If Unit or CA, Agreement Designation 8. Well Name and No.	
Amoco Production Company Patty Haefele	Jicarilla Contract 146 14	
3. Address and Telephone No.	3003906082	
P.O. Box 800, Denver, CO 80201 (303) 830-4988	10. Field and Pool, or Exploratory Area	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)	Otero Chacra	
1591' FSL 1594' FEL Sec. 9 T 25N R 5W Unit J	11. County or Perish, State Rio Arriba New Mexico	
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE		
TYPE OF SUBMISSION TYPE OF ACTIO	DN .	
Abandonment	Change of Blane	

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Amoco Production Company has performed a casing leak repair on this well per the following:

MIRUSU 3/18/96. Blew down pressure and NU BOPs. Tag at 3892'. Set RBP at 3496'. Set packer and pressure tested casing to 1000 psi and casing bled off. Isolate hole with packer at 1863' to 1924'. Pulled 6 stands tubing and set packer. Squeeze 1863-1924' with 50 sx Class B neat, 15.6 ppg, avg rate .5 bpm, max pressure 2800 psi. Well pressured up to 2800 psi during squeeze, started to communicate to surface pipe. Pressure tested casing to 900 psi, failed. Circulate to surface through bradenhead. Isolate holes at 284-408'. Shot squeeze holes at 410-411', 2 JSPF, .340" diameter. Cement 410-12' with 150 sx Class B neat, 15.6 ppg. Circulate 3 bbls good cement to surface. Closed in bradenhead and squeezed to 500 psi & pumped approx 3 bbls cement while bradenhead was closed. Drill out 209-415', circulate clean. Tested holes to 500 psi, failed. Spot cement over suspected holes 415-280' with 25 sx Class B neat, 15.6 ppg. Drill out second squeeze 215-428' and pressure tested to 500 psi, held. Drill out cement 1772-1959' and pressure tested to 500 psi, held. Retrieve RBP. Land tubing at 3833'. Swab well, tagged fluid at 1300'. RDMOSU 3/29/96.

pressure tested to 500 psi, held. Retrieve RBP. Lai RDMOSU 3/29/96.	nd tubing at 3	833'. Swab well, tagged flu	uid at 1	300'.
m4/15/96				
14. I rereby certify that the foregoing is true and correct Signed Patty Halfle	Title	Staff Assistant	Date	04-03-1996
(This space for Federal or State office use) Approved by Robert Kenthering Conditions of approval, if any:	Chief	, Lands and Mineral Resource	9S Date	APR 1 7 1996