REQUEST FOR APPROVAL TO: TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE

PULL OR ALTER CASING MULTIPLE COMPLETE **CHANGE ZONES**

UNITED STATES DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

Dec. 1973	5. LEASE Contract #110 6. IF INDIAN, ALLOTTEE OR TRIBE NAME 7. UNIT AGREEMENT NAME 8. FARM OR LEASE NAME Jicarilla A		
UNITED STATES DEPARTMENT OF THE INTERIOR			
GEOLOGICAL SURVEY			
SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different			
reservoir. Use Form 9-331-C for such proposals.)			
1. oil gas Well other	9. WELL NO. 4E		
2. NAME OF OPERATOR Tenneco	10. FIELD OR WILDCAT NAME Basin Dakota 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 19, T26N, R5W		
P.O. Box 3249, Englewood, CO 80155 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17			
below.) AT SURFACE: 950' FNL 1075' FWL "D" AT TOP PROD. INTERVAL:	12. COUNTY OR PARISH Rio Arriba New Mexico		
AT TOTAL DEPTH: 16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE	14. API NO.		
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD)		

(NOTE: Report results of multiple completion or zone

Schange on Form 9-330.)

6555' gr.

ABANDON* (other) Squeeze Job. 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.)*

SUBSEQUENT REPORT OF:

11/20/80

REPAIR WELL

Squeezed below cmt. retainer w/150sx CL-B neat, $6\frac{1}{4}$ Gilsomite, and 2%CACL2. Obtained running squeeze. PT to 3500 PSI w/75sx gone, 1000 PSI on BS. Pulled out of retainer. Reversed out remaining cmt. started to pull tbg. when csg. collapsed on top of retainer. RIH w/ jet cutter. Cut tbg. off @7475' causing loss of bottom set of perfs. Ran guage ring to 7461', Casing collapsed below that point. PT csg. to 3500 PSI. Held ok. RIH w/tbg. spotted 500 gals 7½% HCL across perfs. P00H w/tbg. Perf'd Dakota (2 JSPF) as Follows: 7213-20', 7223-48', 7252-56', 7259-61', 7266-68', 7323-24', 7326-27', 7352-67', 7388-89', 7400-01', 7432-42', 7446-50', 7454-55',

Subsurface Safety Valve: Manu. and Type			Set @	Ft.
18. I hereby certify that the foregoing is to such that the foregoing is the foregoing is to such that the foregoing is the foregoing is the foregoing is to such that the foregoing is the foregoing is the foregoing is the foregoing is the foregoi	TITLE ASST D	iv Adm Mgr. DATE	12/1/80	
	(This space for Federa	or State office use)		
APPROVED GEPTED FOR DEALING	TITLE	DATI	E	
DEC 1 2 1980		NMOCC		

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

GPO: 1976 O - 214-148