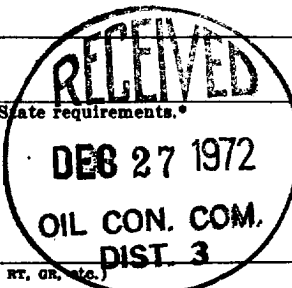


Form 9-331  
(May 1963)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)Form approved.  
Budget Bureau No. 42-R1424.

## 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 "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Cont. 116	
2. NAME OF OPERATOR Jerome P. McHugh		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
3. ADDRESS OF OPERATOR Box 234, Farmington, New Mexico 87401		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1850' FNL - 790' FWL		8. FARM OR LEASE NAME Tribal	
		9. WELL NO. 4	
		10. FIELD AND POOL, OR WILDCAT Tapacito P.C.	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 16, T26N, R3W	
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 7121 GR	12. COUNTY OR PARISH Rio Arriba	13. STATE N.M.



## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	Completion <input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. 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.)\*

12-7-72 P.B.T.D. 3872'. Rig up and run Wellex Gamma-ray and Collar logs over portable mast truck. Perforate 2 jets per foot 3829-39', 3817-26', and 3782-92'.

12-8-72 S.W.F. by Dowell w/1500 HHP, used 35,000# 20-40 sand and 36,498 gallons water to frac. Spearhead frac job with 330 gallons 15% HCl. Pumped 125 bbl. pad ahead of frac job. B.D. 2100 psi, Initial Frac 1800 psi, Ave 1750 psi, Max and Final Frac 1875 psi. Flushed w/72 bbls. Total water used 1066 bbls. Overall average I.R. 31 B.P.M. Immediate shut-in pressure 900 psi, 10 min. standing pressure 600 psi. Moved 126 jts. 1 1/4" tubing from Apache #8 well.

12-10-72 Moved in and rig up L & M Ventures pulling unit. Ran sand pump, found top of sand @ 3839'. Ran 120 jts. 1 1/4" O.D., 2.4#, 10 Rd, EUE tubing. T.E. 3803.80' set @ 3815' R.K.B.

18. I hereby certify that the foregoing is true and correct

SIGNED Jim L. Jacobs TITLE Agent DATE 12-21-72  
Jim L. Jacobs

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

U. S. GEOLOGICAL SURVEY  
BUREAU OF OILS