

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse 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.)

<p>1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY</p> <p>3. ADDRESS OF OPERATOR 501 Airport Drive Farmington, NM 87401</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 840' FSL x 940' FSL, Section 4, T-26-N, R-4-W</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. Jicarilla Apache 102</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME Jicarilla Apache 102</p> <p>9. WELL NO. 22</p> <p>10. FIELD AND POOL, OR WILDCAT Tapacito Pictured Cliffs</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW/4 SW/4 Section 4, T-26-N, R-4-W</p> <p>12. COUNTY OR PARISH Rio Arriba</p> <p>13. STATE NM</p>
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6964' GL

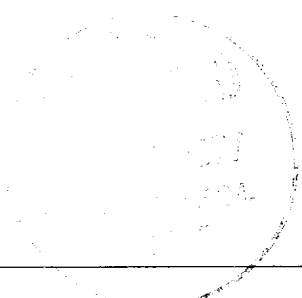
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Perforate</u> <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.)*

Tripped in hole with tubing, tagged cement at 3830'. Flushed hole with 1% KCL and spotted 500 gallons 15% HCL acid at 3778', tripped out with tubing. Perforated 3720--3770' with 1 SPF of .40" Diameter. Fractured with 175,000 lbs. sand and 92,500 gallons of frac fluid. Breakdown pressure 2,000 psig, maximum treating pressure 2,500 psig, average treating pressure 2,500 psig. Average injection rate for both stages 40 BPM. ISIP 1750, 15 minutes SIP 1600, 30 minutes SIP. Tripped in hole with tubing, tagged sand at 3779', cleaned out to 3824', landed tubing at 3754'. Shut well in for testing.



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

SIGNED *L.O. Jensen* TITLE Area Superintendent DATE 10-26-77

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE 10/27/77

CONDITIONS OF APPROVAL, IF ANY:

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.