

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.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Jicarilla Apache Tribal 151
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache
3. ADDRESS OF OPERATOR 501 Airport Drive, 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 820' FWL & 1600' FWL		8. FARM OR LEASE NAME Jicarilla Apache Tribal 151
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6591' GL	9. WELL NO. 4
		10. FIELD AND POOL, OR WILDCAT Basin Dakota
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA N2/4 NW/4 Section 3, T-26-N, R-5-W
		12. COUNTY OR PARISH 13. STATE Rio Arriba New Mexico

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

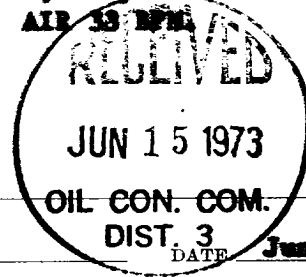
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input 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) Perf & Frac	<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.)*

Displaced hole with water treated with 0.8X KCl and spotted 500 gallons 7-1/2X HCl. On May 29, 1973, perforated 7639-80' and 7630-44' with 1 SPV. Sand-water fraced with 47,460 gallons treated water, 15,000 pounds 20-40 sand and 15,000 pounds 10-20 sand. Dropped 20 balls and injection rate dropped from 40 BPM to 36 BPM at 3700 psi. Finished injecting 10,000 pounds 20-40 sand and 10,000 pounds 10-20 sand. Breakdown pressure 2000 psi. Treating pressures: Maximum 3800, minimum 3600, average 3700 psi. AIR 37 BPM. Set a 4-1/2" bridge plug at 7620' and tested with 3800 psi 1/4 hour OK. Perforated 7584-96' with 2 SPV. Well communicated with 1400 psi. Perforated 7482-96' with 2 SPV.

On May 30, 1973, sand-water fraced upper zone with a total of 47,530 gallons water with 0.8X KCl and 10 pounds Gal per 1000 gallons. Spearheaded frac with 500 gallons 7-1/2X HCl and 50 barrels water. Sand-water frac with 10,000 pounds 20-40 sand and 10,000 pounds 10-20 sand. Dropped 24 balls with no effect on pressure or injection rate. Finished frac with 15,000 pounds 20-40 sand and 15,000 pounds 10-20 sand. Maximum pressure 3800, minimum 3650, average 3750 psi. AIR 33 BPM.



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

SIGNED _____ TITLE **Area Engineer** DATE **June 12, 1973**

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

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.