

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on reverse side)Form approved.
Budget Bureau No. 42-R1424.5. LEASE DESIGNATION AND SERIAL NO.
Jicarilla Contract 133

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 ☐ GAS WELL ☒ OTHER ☐	6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache Tribe
2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY	7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR 501 Airport Drive, Farmington, New Mexico 87401	8. FARM OR LEASE NAME Jicarilla Contract 133
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 940' FWL & 790' FSL, Section 31, T-26-N, R-5-W	9. WELL NO. 24
14. PERMIT NO.	10. FIELD AND POOL, OR WILDCAT Gonzales Mesa-Otero Chacra
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6403' Gr.	11. SEC., T., R., M., OR BLK. AND SW/4 Section 31, T-26-N, R-5-W
	12. COUNTY OR PARISH Rio Arriba
	13. STATE New Mexico

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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.)*

- 1-29-73: Spotted 500 gal. 15% HCl. Perf 4948-58, 4903-08, 4841-46, 4828-32 x 1 SPF. Sand-water frac with 37,842 gal. treated water (1% KCl and 10 lbs. Gal per 1000 gal. water), 30,000 lbs. 10-20 and 10,000 lbs. 8-12 sand. Treating pressures: Breakdown 1900, max. 3000, min. 2300, avg. 2600. AIR 56 BPM. Set 5-1/2" bridge plug at 4610'. Tested with 3400 psi OK. Perf 3496-3512 with 2 SPF. Attempted sand-water frac. Breakdown pressure 1400. Spearheaded with 500 gals. 15% HCl. Injected 50 BPM at 2700 psi for 50 bbls. fluid. Pressure increased to 3100 psi and rate dropped to 40 BPM. Pressure dropped to 2200 psi and rate increased to 45 BPM when acid hit formation. Pumped 45 barrels fluid and pressure increased to 3400 psi and rate dropped to 16 BPM. With 800 lbs. 20-40 sand in formation rate dropped to 0 BPM at 3400 psi. Pressured to 3400 psi twice with no breakdown.**
- 1-30-73: Reperf 3496-3512 with 2 SPF. Pumped 5080 gal. pad. Sand-water frac with 29,820 gal. treated water (1% KCl and 40 lbs. Gal per 1000 gal.), 10,000 lbs. 20-40, 10,000 lbs. 10-20, and 5,000 lbs. 8-12 sand. Treating pressures: Max. 3200, min. 2650, avg. 2900. AIR 53 BPM. Blew well and unloaded hole with supply gas to 3523' for 3 hrs. with well making 1" stream galled water. Pulled up to 2892' and unloaded 1-1/2" stream galled water for 6 hrs.**
- 1-31-73: Ran tubing to 3202' and blew with supply gas one hour and unloaded 1" stream water. Ran tubing to 3523' and blew 12 hrs. with supply gas and unloaded 1" stream water.**

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

SIGNED **J. ARNOLD SNELL**TITLE **Area Engineer**DATE **February 6, 1973**

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

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.

2-1-73:

**Blow Chacra 1 hr. without supply gas and gauged 354 MCFD.
Ram tubing and cleaned out and drilled bridge plug at 4610'.**

2-3-73:

Cleaned out sand to 5141' and blew well 17 hours with supply gas and made 1/2" stream water. Set a 5-1/2" Model "D" packer at 4733'. Ram 2-1/16" tubing and landed in packer at 4733'. Tail pipe set at 4934'. Ram 1-1/4" Chacra tubing to 3514'. Nippled up wellhead and pumped out tubing plugs.

Blow well 19 hrs. thru 3/4" choke. Mesaverde TPF 75 and gauged 1076 MCFD. Chacra TPF 60 and CPF 200 and gauged 890 MCFD.