

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Jicarilla Contract 123

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla Apache Tribal 12

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Lindrich Gallup-Dakota West11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA**SW/4 SW/4 Section 35,
T-25-N, R-4-W**

12. COUNTY OR PARISH

Hio Arriba

13. STATE

New Mexico

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 ☐	2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY	3. ADDRESS OF OPERATOR 301 Airport Drive, Farmington, New Mexico 87401
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 800' FSL & 830' FSL, Section 35, T-25-N, R-4-W	14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6968' KB

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.)*

Rigged up service unit on 9-21-74 and drilled cement and cleaned out to FSD 7675'. Pressured up to 4900 psi OK. Circulated hole with 1X KCl water and spotted 2000 gals. 15X HCl across zones to be perforated. Perforated Dakota intervals 7340-64', 7390-7601', & 7608-12' with 1 SPF. Pumped in a 10,000 gal. emulsion pad. Emulsifrac Dakota with 91,560 gals. emulsion fluid, 103,320 lbs. 20-40 sand and 45,360 lbs. 10-20 sand in stages. Flushed to perfs with 117 bbls. 1X KCl water. BHP 2000 psi, maximum and average treating pressures 4900 psi and minimum 4500 psi. AIR 26 RPM. ISIP 2800 psi. Set a 4-1/2" bridge plug at 7310'. Perforated zones 7408-12', 7417-26', 7434-42', & 7473-79' with 1 SPF. Spearheaded Emulsifrac with 1000 gals. 15X HCl. Pumped in a 10,000 gal. emulsion pad. Emulsifrac perfs with 68,880 gals. emulsion fluid, 67,200 lbs. 20-40 sand and 45,360 lbs. 10-20 sand. Flushed with 114 bbls. 1X KCl water. BHP 1900 psi, maximum and average treating pressures 4900 psi and minimum 4300 psi. AIR 29 RPM. ISIP 2300 psi. Killed well with water and drilled bridge plug set at 7310'. Ran swab and well kicked off flowing. Flowed well until all 2765 barrels load oil recovered. On 10-24-74 rigged up service unit to set bridge plug at 7000' to perf and frac Gallup zone. Ran cement bond log to 7000' and no cement bond. Rigged up perforating gun and shot 4 holes at 6579' to cement squeeze through. Pumped into formation 2-1/2 RPM at 1400 psi. Set a drillable cement retainer at 6534' and squeezed with 100 sacks Class "B" cement with 1800 psi at 2 RPM. Pulled tubing and WOC. Ran bond log 6534-6513' and pour cement 6524-6513'. Tripped out and ran perforating gun to 6513' and shot 4 holes to cement squeeze. Ran tubing and set packer at 6100'. Established injection rate at 2 RPM with BHP 1500. Squeezed with 100 sacks Class "B" cement with 2500 psi. WOC 4 hours and pulled tubing and packer. On

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

SIGNED

G. L. Hamilton

TITLE

Area Adm. Supvr.

DATE

December 20, 1974

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

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.

10-27-74 ran tubing and tagged cement at 6251'. Cement was not set up. WOC another 6 hours. Drilled cement and tagged retainer at 6354'. Pressured up to 1000 psi on retainer OK. Drilled cement retainer and 30' cement. Cleaned out well to 6750' run cement bond log. On 10-28-74 perforated casing intervals 6515-20', 6527-30', 6548-52', 6565-79' with 1 SPV. Spearheaded free with 1000 gallons 15% HCl down casing on 10-30-74. Pumped in a 10,000 gal. emulsion pad down casing. Kaulstres Collup with 69,300 lbs. 10-20 sand. Plumbed to ports with 100 lbs. 15 KCl water. Air 24 MFM. BHP 1950 psi, average circulating pressure 4400 psi, maximum circulating pressure 4750 psi, minimum pressure 4400 psi. ISIP 1300 psi. Drilled and pushed bridge plug to PAD 7670'. Landed 2-3/8" tubing at 7623'. Bunched well until kicked off flowing. Recovered all 1259 barrels lost oil.

Kaulstres fluid completed at 66-2/3X condensate and 33-1/3X water with 1X KCl, 50 lbs. guar gum per 1000 gals. and 5 gals. emulsifier per 1000 gals.