

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 Apache 102

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla Apache 102

9. WELL NO.

15

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverte11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA**SE/4 Section 9,****T-26-N, R-4-W**

12. COUNTY OR PARISH

13. STATE

Rio Arriba**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

PAN AMERICAN PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR

501 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**790' FSL & 1190' FEL, Section 9, T-26-N, R-4-W**

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

GL 7177', RDB 7192'

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) **Recompletion** ☒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.)*

TD 7675'. PBD 6185'.

Moved in serv. unit 2-1-70. Pulled tubing. Ran Gamma Ray Correlation log and cement bond log 6350-5450'. Ran tubing and Model "K" cement retainer set at 6185'. Squeezed perfs 7568-78' with 150 sacks Type "C" neat cement. Maximum squeeze pressure 3000. Displaced with water treated with 7 lbs. gel per 1000 gallons. Spotted 500 gallons 15% HCl. Perfed 6058-74' with 3 SPF. Fraced with 30,000 gallons water containing 7 lbs. gel per 1000 gallons, 20,000 lbs. 20-40 and 10,000 lbs. 10-20 sand. No breakdown pressure. Average treating pressure 1900. AIR 63.2 BPM. Set BP at 6040'. Perfed 5890-96', 5829-39', 5660-64' X 5644-48' with 2 SPF. Spearhead with 500 gallons 15% HCl. Fraced with 30,000 gallons water treated as above, 20,000 lbs. 20-40 and 10,000 lbs. 10-20 sand. Breakdown pressure 1000, average treating pressure 2800 psi. AIR 59 BPM. Dropped 13 balls after 10,000 lbs., no pressure increase. Dropped 13 balls after 18,000 lbs. with 200 psi increase. Cleaned out and drilled BP at 6040' and logged off with water. Cleaned out to P.D. Ran 2-3/8" tubing and landed at 6076'. Alternately shut in and blew well to clean up. Shut well in 21 hours with TPC and CPC 1000. Blew well 3 hours with 3/4" choke with TPF 140 and CPF 580. Completed 2-10-70 with preliminary gauge of 1879 MCFD with light mist and trace distillate.

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

SIGNED

G. W. Eaton, Jr.

TITLE

Area Engineer

DATE

March 3, 1970

(This space for Federal or State office use)

APPROVED BY

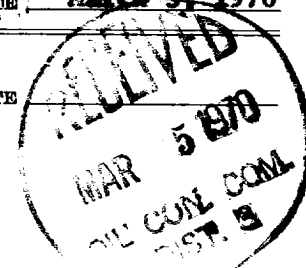
TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

NMOC



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.