

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.

14-20-603-5035

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo Tribal "N"

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Tocito Dam
Pennsylvanian "D"11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREANE/4 NE/4 Section 18
T-26-N, R-18-W

12. COUNTY OR PARISH 13. STATE

San Juan

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
Box 480, Farmington, New Mexico
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface 660 FNL and 660 FNL

14. PERMIT NO.

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

5862 (RDB)

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*

Well History

(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.)*

The above well was spudded on 10-7-64 and drilled to a depth of 86'. 13-3/8" casing was set at that depth with 125 sacks cement containing 2% calcium chloride. Cement circulated to surface. After waiting on cement tested casing with 600 psi. Test OK. Reduced hole size to 11" and resumed drilling.

Well was drilled to a depth of 1490'. 8-5/8" casing was set at that depth with 400 sacks cement containing 4% gel and 2 pounds Tuf Plug per sack and followed by 100 sacks neat cement. Cement circulated to surface. After waiting on cement tested casing with 1000 psi. Test OK. Reduced hole size to 7-7/8" and resumed drilling.

Core No. 1: 6362-6376 - Lower Hermosa - Cut 14' and recovered 10' as follows: 6362-62.3 lime, slightly vuggy, fair porosity; 6362.3-71 dense lime, shale nodules, some fracturing; 6371-72 lime and shale; 6372-76 lost core.

Core No. 2: 6376-6418 - Lower Hermosa - Cut 42' and recovered 30' as follows: 6376-83 lime, dense; 6383-84 lime with rotten shale laminations; 6384-91 shale and lime with rotten shale nodules; 6391-6400 shale, green and limy with shale partings; 6400-07 lime, dense; 6407-12 lime, dense with rotten shale partings; 6412-15 shale and lime.

Core No. 3: 6418-6439 - Pennsylvanian - Cut 21' and recovered 17' as follows: 1' lime, shaley and dense; 3' lime, dense; 6' lime, shaley and dense; 7' lime, shaley with interbedded black, red and green shale. Lost 4' core.

Well drilled to a total depth of 6530 and 4-1/2" casing was landed at that depth with 150 sacks cement containing 6% gel and 2 pounds Tuf Plug per sack followed by 100 sacks neat cement. After waiting on cement tested casing with 3500 psi. Test OK.

18. I hereby certify that the foregoing is true and correct Fred L. Labors, District Engineer (See Reverse Side)

SIGNED

ORIGINAL SIGNED BY

TITLE

DATE November 12, 1964

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

NOV 17 1964

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 contained for final inspection looking to approval of the abandonment.

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867-851

Performed 6378-88 with 4 shots per foot. Spotted 250 gallons mud acid and washed perforations. Treated at 3200 psi. 8 minutes shut in 1800. 15 minutes shut in 1300. Opened to tank. Flowed 5 hours. Made 75 barrels load oil and 4 barrels acid water and died. Recidized these perforations with 2000 gallons acid. Maximum treating pressure 3300 psi. No breakdown. Average injection rate 3/4 BPM. Instant shut in pressure 3000 psi; 10 minutes shut in 1600 psi, 1 hour shut in 1300 psi. Opened well to tanks and began clean up and testing. 2-3/8" tubing landed at 6450 and well completed November 5, 1964 as flowing to the Dome Permit/Laramie "D" Oil Well. Potential Test 251 BOPF. GOR 14.75.