

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.

14-20-603-5034

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo Tribe

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		RECEIVED APR 5 1965	7. UNIT AGREEMENT NAME		
2. NAME OF OPERATOR PAN AMERICAN PETROLEUM CORPORATION			8. FARM OR LEASE NAME Navajo Tribal "U" Lease		
3. ADDRESS OF OPERATOR P. O. Box 480, Farmington, New Mexico			9. WELL NO. 3		
4. LOCATION OF WELL (Report location clearly and in accordance with any State Geological Survey See also space 17 below.) At surface 660 FSL and 510 FWL			10. FIELD AND POOL, OR WILDCAT Tocito Dome Pennsylvanian "D" 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW/4 Section 16 T-26-N, R-18-W		
14. PERMIT NO.		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5722 (RDB)		12. COUNTY OR PARISH San Juan	
				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 ☐	PULL OR ALTER CASING ☐
FRACTURE TREAT ☐	MULTIPLE COMPLETE ☐
SHOOT OR ACIDIZE ☐	ABANDON* ☐
REPAIR WELL ☐	CHANGE PLANS ☐
(Other) ☐	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐	REPAIRING WELL ☐
FRACTURE TREATMENT ☐	ALTERING CASING ☐
SHOOTING OR ACIDIZING ☐	ABANDONMENT* ☒
(Other) <u>Well History</u>	

(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 2-2-65 and drilled to a depth of 94'. 13-3/8" casing was set at that depth with 100 sacks cement containing 2% Calcium Chloride. Cement Circulated to surface. After waiting on cement, tested casing with 600 psi. Test OK. Reduced size of hole to 11" and resumed drilling.

Well was drilled to a depth of 1475'. 8-5/8" casing was set at that depth with 200 sacks cement containing 6% Gel and 2 pounds Tuf Plug per sack, 200 sacks cement containing 4% Gel and 2 pounds Tuf Plug per sack 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 6200 - 6229 1/2 (Pennsylvanian). Recovered 29-1/2' as follows: 5' Lime, dense; 1' Lime with some porosity and fractures; 1-1/2' Lime, dense; 13-1/2' Lime, vugular porosity with good florescence, stain and odor; 4' Lime, dense, 4-1/2' Lime with pinpoint to vugular porosity with stain and florescence.

Core No. 2 6229 1/2 - 6250 (Pennsylvanian). Recovered 20-1/2' as follows: 1/2' Lime with vugular porosity; 1' Lime, tight; 3' Lime, vugular porosity and bleeding oil; 2-1/2' Lime with pinpoint to medium vugular porosity; 13-1/2' Lime, tight.

(Continued on reverse side.)

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

SIGNED Fred L. Nabors

Fred L. Nabors, District Engineer

TITLE

DATE March 31, 1965

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

*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.

"Well was drilled to a total depth of 6940'. 4-1/2" casing was set at 6940' with stage collar set at 3612. Cemented first stage with 300 sacks 6% Gel and 2 pounds Tuf Plug per sack followed by 200 sacks cement. Cemented second stage with 500 sacks cement containing 6% Gel and 2 pounds Tuf Plug per sack. After waiting on cement tested casing with 3500 psi. Test OK.

Perforated Pennsylvania "D" Zone 6234-43 with 4 shots per foot. Acidized with 250 gallons acid. Breakdown pressure 2500 psi. Injection rate 1BPM. Well tested 1164 MCFFD. * Reacidized all parts with 1000 gallons acid. Soaked perforations for 4 hours. Inject-

2-3/8" Tubing landed at 6294 and well completed 3-12-65 as shut-in Pennsylvania "D" zone gas well. Preliminary test 13,200 MCFFD.

* Perforated additional interval 6216-26 with 4 shots per foot.