

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

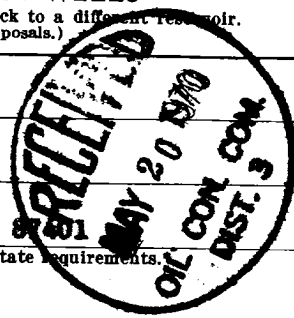
SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

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 ☒		5. LEASE DESIGNATION AND SERIAL NO. I-89-IND-58	
2. NAME OF OPERATOR PAN AMERICAN PETROLEUM CORPORATION		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo Tribal	
3. ADDRESS OF OPERATOR 501 Airport Drive, Farmington, New Mexico		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 2050' FML & 1810' FEL, Section 19, T-29N, R-16W		8. FARM OR LEASE NAME U.S.G. Section 19	
14. PERMIT NO.		9. WELL NO. 13	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5045' RDB		10. FIELD AND POOL, OR WILDCAT Hogback Pennsylvanian	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE/4 Section 19, T-29N, R-16W	
		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:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF ☐	PULL OR ALTER CASING ☐	WATER SHUT-OFF ☐	REPAIRING WELL ☐
FRACTURE TREAT ☐	MULTIPLE COMPLETE ☐	FRACTURE TREATMENT ☐	ALTERING CASING ☐
SHOOT OR ACIDIZE ☐	ABANDON* ☒	SHOOTING OR ACIDIZING ☐	ABANDONMENT* ☐
REPAIR WELL ☐	CHANGE PLANS ☐	(Other) ☐	
(Other) Test Cutler		(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.)*

We plan to abandon the Pennsylvanian and test the Cutler zone in the following manner:

1. Set retainer at about 6400' and squeeze the Pennsylvanian perfs with 250 sacks cement.
2. Get a free point on the 5-1/2" casing, cut and pull.
3. Perf the Cutler zone 4865-75' with 2 SPF.
4. Acidize with 500 gallons 15% HCl, swab test and if indicated productive, then frac with 10,000 gallons lease crude and 10,000 pounds 20-40 sand.
5. If well is not productive, perf 3565' with 4 SPF and squeeze with 150 sacks cement under a retainer.
6. Perf 1980' with 4 SPF and squeeze with 150 sacks cement under a retainer.
7. Perf 1251' with 4 SPF and squeeze with 150 sacks cement under a retainer.
8. Remainder of well will be temporarily abandoned pending possible disposition as a Dakota well.

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

SIGNED Original Signed By G. W. EATON, JR. TITLE Area Engineer DATE May 18, 1970

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY: _____

RECEIVED

MAY 19 1970

*See Instructions on Reverse Side

U. S. GEOLOGICAL
SURVEY

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.

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