Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.: SF-078828-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: PAN AMERICAN PETROLEUM CORPORATION

8. FARM OR LEASE NAME: Gallegos Canyon Unit-Dakota

3. ADDRESS OF OPERATOR: P. O. Box 480, Farmington, New Mexico

9. WELL NO.: 165

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 2130 FNL and 790 FEL, Section 29, T-28-N, R-12-W

10. FIELD AND POOL, OR WILDCAT: Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SE/4 NE/4 Section 29, T-28-N, R-12-W

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5599 (KDB)

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) Well History			☒
(Other)			☐	(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 5-27-64 and drilled to a depth of 356'. 8-5/8" casing was set at this depth with 250 sacks cement containing 2% calcium chloride. 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.

Well cored as follows: Core number one 5247-5251.5 (Gallup) jammed. Cut 4' and received 3.5' as follows: 5247-50.5 sand and shale interbedded thin laminations, predominantly sand, vertical fractured. Core number two 5251-5264 (Gallup) jammed. Cut 13' and received 13' as follows: 5251-5264 sand and shale interbedded thin to 6" laminations, vertical fractured. Slight bleed oil 5254-59.2 and at 5263.5. Bentonite at 5260-61. Core number three 5264-66.5 (Gallup) jammed. Cut 2.5' and received 2.0' as follows: 5264.5-66.5 sand and shale interbedded thin laminations vertical fractured, no show. Core number four 5266.5-5287 (Gallup) jammed. Cut 20.5' and received 20' as follows: 5266.5-69.5' shale, sandy, some sand laminations. Slight bleed oil 5267-68'; 5269-71'. sand, dirty; 5271-72' sand, stained, fair porosity, good odor; 5272-73' sand, clean, tight; 5273-77' sand, stained, good porosity, good odor; 5277-78 sand, dirty, tight; 5278-80' sand, stain 5278-79, clean 5279-80, fair porosity, slight odor; 5280-81 sand, very dirty, tight; 5281-86.5 shale, very sandy vertical fractured.

Well was drilled to a total depth of 6015 and 4-1/2" casing set at this depth with stage tool set at 4108. First stage cemented with 400 sacks cement containing 6% gel and 2 pounds medium Tuf Plug per sack followed by 100 sacks neat cement. Second stage cemented with 1100 sacks cement containing 6% gel and 2 pounds medium Tuf Plug per sack. After waiting on cement tested casing with 3500 psi. Test OK. (See Reverse Side)

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

SIGNED ORIGINAL SIGNED BY F. H. HOLLINGSWORTH TITLE Fred L. Nabors, District Engineer DATE August 10, 1964

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED
AUG 14 1964
OIL CON. COM.
DIST. 3

RECEIVED
AUG 1[illegible] 1964
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

*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.

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867-851

Perforated 5913-27 with 2 shots per foot and 5944-52 with 3 shots per foot. Fracked these perforations with 48,330 gallons water containing .8% potassium chloride and 2 pounds FR-8 per 1000 gallons and 35,000 pounds 20-40 sand and 15,000 pounds 10-20 sand. Breakdown pressure 1600. Treating 3971. Average injection rate 51.7 BPM. Perforated 5836-46 with 2 shots per foot and 5852-56 with 4 shots per foot. Fracked these perforations with 26,900 gallons treated as above and 15,000 pounds 20-40 sand and 5,000 pounds 10-20 sand.. Breakdown pressure 3600. Treating 3462. Average injection rate 27.7 BPM.

2-3/8" tubing set at 5894 and well completed July 8, 1964 as Basin Dakota Field well. Preliminary test 9930 MCFD.