

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.

SF-076337

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Heath Gas Unit "J"

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREASW/4 NE/4 Section 9,
T-29-N, R-9-W

12. COUNTY OR PARISH 13. STATE

San Juan

New Mexico

1. OIL ☐ GAS ☒
WELL WELL OTHER

2. NAME OF OPERATOR

PAN AMERICAN PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR

P. O. 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 1490 FNL and 2280 FEL

14. PERMIT NO.

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

5761 (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)

Well History

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 perti-
nent to this work.)*

The above well was spudded on 12-3-64 and drilled to a depth of 325' where 10-3/4" casing was set with 225 sacks cement containing 2% calcium chloride. Cement circulated to surface. After waiting on cement tested casing with 800 psi. Test OK. Reduced hole size to 9-7/8" and resumed drilling.

Well was drilled to a depth of 2480' and 7-5/8" casing was set at 2478' with 600 sacks cement containing 6% gel and 2 pounds Tuf Plug per sack. Cement circulated to surface. After waiting on cement tested casing with 1000 psi. Test OK. Reduced hole size to 6-3/4" and resumed drilling.

Core No. 1 6627-47 (Dakota) Cut 20' and recovered 20' black shale.

Core No. 2 6647-64 (Dakota) Cut 17' and recovered 17' black shale.

Core No. 3 6664-79 (Dakota) Cut 15' and recovered 13' black shale and 2' sand.

Core No. 4 6679-6739 (Dakota) Cut 60' and recovered 60' as follows: 6679-80 sand fairly clean; 6680-97 sand with shale nodules and laminations; 6697-6721 shale and sand dense; 6721-28 sand and shale dense; 6728-39 shale and sand dense.

Core No. 5 6670-88 (Dakota) Cut 18' and recovered 18' sand, fine grained and shaley.

Well was drilled to a total depth of 6835 and 4-1/2" casing was set at 6833 with stage collar set at 4861. Cemented first stage with 150 sacks cement containing 6% gel and 2 pounds medium Tuf Plug per sack followed by 100 sacks neat cement. Cemented second stage with 200 sacks cement 50-50 Pozmix containing 2% gel, 1 cubic foot Strata-Crete "6" per sack and 1 pound Tuf Plug per sack followed by 50 sacks cement. After waiting on cement tested casing with 3500 psi. Test OK.

(Continued on Reverse Side)

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

Fred L. Nabors, District Engineer

SIGNED

ORIGINAL SIGNED BY

TITLE

DATE January 27, 1965

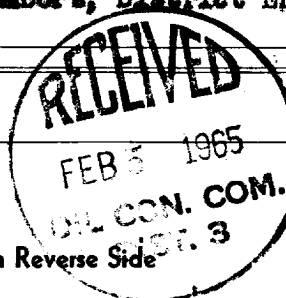
(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

*See Instructions on Reverse Side



RECEIVED

FEB 3 1965

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

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.

Perforated Main Dakota 6768-92 with 2 shots per foot. Fracked these perforations with 34,030 gallons water containing 0.8% potassium chloride and 2 pounds FR-8 per 1000 gallons and 25,000 pounds sand. 5000 pounds HCF-2 and 1/4 to 1/2 gallon Amoco Surfactant per 1000 gallons. Breakdown pressure 1500 psi. Average treating pressure 3420. Average injection rate 42 BPM. Bridge Plug set at 6750 and tested with 3500 psi. Test OK. Perforated Graneros 6678-90 with 4 shots per foot, well commuted. Fracked these perforations with 33,340 gallons water treated as above and containing sand, HCF-2 and Surfactant as above. No breakdown pressure. Average treating pressure 3300 psi. Average injection rate 49 BPM. 2-3/8" tubing landed at 6683 and well completed 1-3-65 as Basin Dakota Field Development Well. Preliminary test 3400 MCFD.