

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.

SP-076 337

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

W. D. Heath "A"

9. WELL NO.

9

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

12. COUNTY OR PARISH

San Juan

13. STATE

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 ☐ GAS ☒ OTHER ☐
WELL WELL

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 820 FSL and 1450 FWL

14. PERMIT NO.

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

5720 (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* ☒(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.)*

Well was spudded on September 14, 1964 and drilled to a depth of 280'. 10-3/4" casing was set at that depth with 250 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 9-7/8" and resumed drilling.

Well was drilled to a depth of 2401'. 7-5/8" casing was set at that depth with 500 sacks cement containing 6% gel and 2 pounds Tuf Plug per sack. After waiting on cement tested casing with 2100 psi. Test ok. Reduced hole size to 6-3/4" and resumed drilling.

Well was drilled to a total depth of 6761'. 4-1/2" casing was set at that depth with stage collar set at 4748. Cemented first stage with 150 sacks cement containing 6% gel and 2 pounds Tuf Plug per sack followed by 100 sacks cement. Second stage cemented with 400 sacks 50-50 cement and Diamix A and 1 cubic foot of Strata Crete 6 per sack, 1 pound Tuf Plug per sack and 2% gel. After waiting on cement tested casing with 3500 psi. Test OK.

Perforated Lower Dakota 6716-22, 6728-34 with 4 shots per foot. Fractured these perforations with 22,260 gallons water containing 1% calcium chloride, 7 pounds J-2 per 1000 gallons and 20,000 pounds sand. Breakdown pressure 2500 psi, average treating 3500 psi, average injection rate 25.3 BPH. Tests indicated gas too small to measure. Bridge plug set at 6700' and tested with 3500 psi. Test OK.

Perforated Main Dakota 6635-34, 6671-84 with 2 shots per foot. Fractured these perforations with 35,456 gallons water containing 1% calcium chloride and 7 pounds J-2 per 1000 gallons and 30,000 pounds sand. Breakdown pressure 1200 psi, average treating 3500 psi, average injection rate 39.5 BPH. Bridge plug set at 6620 and (See Reverse Side)

18. I hereby certify that the foregoing is true and correct Fred L. Nabors, District Engineer

SIGNED _____ ORIGINAL SIGNED BY
F. H. HOLLINGSWORTH

TITLE _____

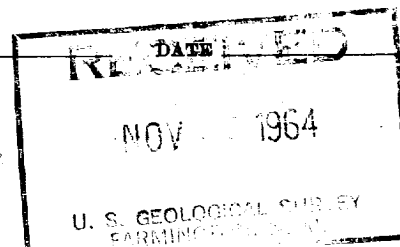
DATE October 28, 1964

(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.

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967-951

Tested with 3500 psi. Test OK. Perforated granules with 2 shots per foot 6650-62, 6586-93. Fracked these perforations with 32,214 gallons water treated as above and containing 30,000 pounds sand. Breakdown pressure 2000 psi, average treating pressure 3450 psi, average injection rate 34.8 BPM. Drilled out bridge plug and cleaned out to 6700'. 2-3/8" tubing landed at 6548 and well completed 10-20-64 as Dakota Field Development well. Preliminary test 2200 MCFD.