

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on reverse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

SF-079492-C

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

San Juan 27-5 Unit

9. WELL NO.

98

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

SW/4 Kw/4 Section 14

T-27-N, R-5-W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

New Mexico

1. OIL ☐ GAS ☒ OTHER ☐
WELL WELL

2. NAME OF OPERATOR

PAN AMERICAN PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR

Box 480, Farmington, New Mexico

4. LOCATION OF WELL (Report location clearly and in accordance with all State requirements.
See also space 17 below.)
At surface

1850 FNL and 1070 FNL

14. PERMIT NO.

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

6679 (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 pertinent to this work.)*

The above well was spudded on May 25, 1965 and drilled to a depth of 208'. 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 3666' and 7-5/8" casing was set at that depth with 1000 sacks cement containing 6% gel and 2 pounds tuf plug per sack, followed by 100 sacks neat cement. After waiting on cement tested casing with 1500 psi. Test ok. Reduced hole size to 6-3/4" and resumed drilling.

Well was drilled to a total depth of 7970 and 4-1/2" casing was set at that depth with stage tool set at 5949. Cemented first stage with 150 sacks cement containing 6% gel, 2 pounds tuf plug, per sack followed by 100 sacks neat cement. Cemented second stage with 50 sacks cement followed by 200 sacks cement containing 4% gel, 50-50 pozmix, 1/2 cubic foot Strata Crete 6 per sack 1 pound Tuf plug per sack and followed by 25 sacks neat cement. After waiting on cement tested casing with 3500 psi. Test ok.

Perforated main Dakota and Lower Dakota 7811-19, 7863-69, 7884-90, 7908-14 with 2 shots per foot. Pumped 200 gallons regular acid into formation. Dropped 20 ball sealers followed by 200 gallons acid. Dropped 15 ball sealers followed by 200 gallons acid. No breakdown. Pumped in at 5 BPP at 800 psi and 16 BPP at 2100 psi. 20 ball sealers hit and pressure increased to 3500 psi and 8 BPP. 15 balls hit and injection decreased to 3 BPP at 3500 psi. Pumped 6 minutes at 3 BPP at 3500 psi and injection increased to 8 BPP. Fracked with 27,640 gallons water

(JNR)

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

SIGNED

ORIGINAL SIGNED BY
FRED L. NABORS

Fred L. Nabors, District Engineer

TITLE

DATE June 29, 1965

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

RECEIVED

DATE

JUL 12 1965

*See Instructions on Reverse Side

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.

U.S. GOVERNMENT PRINTING OFFICE: 1963-O-685229
897-851

containing 0.8% potassium chloride, 2-1/2 pounds FR-8 per 1000 gallons and 16,500 pounds sand. No breakdown. Average treating rate 3500 psi. Average injection rate 28 BPM. Sanded off with 16,500 pounds sand in formation and 3,500 pounds in pipe. Bleed back and flushed to clean out. Bridge plug set at 7770 and tested with 3500 psi. Test ok. Perforated Graneros 7692-7710 with 3 shots per foot. Spotted 500 gallons 15% acid. Fracked with 37,070 gallons water treated as above and containing 30,000 pounds sand. No breakdown. Average treating pressure 3500 psi. Average injection rate 30 BPM. Drilled out Bridge Plug and flowed well to clean out.

2-3/8" tubing landed at 7865 and well completed June 20-65 as shut-in Basin Dakota Field Development well. Potential test June 28, 1965. Flowed 3489 MCF through 3/4" choke after 3 hours. Absolute open flow potential 4011 MCFD. Shut-in casing pressure after 8 days 2256 psig.