

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.

M-0149968

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal Gas Unit "G"

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Badin Dakota

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREANE/4 NW/4 Section 8,
T-27-N, R-12-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 460, Farmington, New Mexico

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

At surface 990 FWL and 1650 FWL

14. PERMIT NO.

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

5717 (RDB)

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

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☐
☐
☐

PULL OR ALTER CASING

☐
☐
☐
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐
☐
☐
☐

REPAIRING WELL

☐
☐
☐
☐

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

Well History

I

(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 9-13-64 and drilled to a depth of 375'. 8-5/8" (24#/ft.) casing was set at that depth with 225 sacks cement containing 2% calcium chloride. Cement circulated to surface. After waiting on cement tested casing with 900 psi. Test OK. Reduced hole size to 7-7/8" and resumed drilling.

Well was drilled to a total depth of 5991'. 4-1/2" (10.5#) casing was set at that depth with 200 sacks cement containing 6% gel and 2 pounds Tuf Plug per sack followed by 100 sacks cement containing 7 pounds salt per sack. After waiting on cement tested casing with 3500 psi. Test OK.

Ran tubing and hydrojet tool to 5875. Ran correlation log inside tubing and set tubing at 5847. Circulated hole with water. Pumped 15 minutes each on following settings for perforation 5847, 5845, 5843, 5841, 5839, 5837 and 5835, 3 holes per setting for total 21 holes. Displaced hole with water containing 0.8% potassium chloride and 2 pounds FR-8 per 1000 gallons and broke down formation with 1300 psi at 1-1/2 BPM. Pulled tubing and hydrojet tool. Fractured these perforations with 21,900 gallons water treated as above and containing 20,000 pounds sand. Pumped in at 1300 psi. Average treating pressure 2760 psi, average injection rate 34.8 BPM. Instant shut-in pressure 1800 psi. Stabilized in 1 hour to 975 psi. 2-3/8" tubing landed at 5846 and began swabbing. Swabbed 2 hours with fluid at 2000' and casing pressure closed 275 psi. Swabbed 28-1/2 hours, casing pressure 1200. Well unloads every 2 hours and blows 30 minutes until casing pressure declines to 500 psi. Well making salt water. Same results after 54 hours swabbing. Released swab unit 10-2-64. Shut in 65 hours with tubing pressure 400 psig and casing pressure 2000 psig. Attempted to blow well and well died in 30 seconds. Moved in completion unit 10-21-64. (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

TITLE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

RECEIVED

NOV 3 1964

HOLLINGSWORTH COM.
DIST. 3

RECEIVED

DATE

NOV 2 1964

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.

Loaded casing with water, circulated hole clean and pulled tubing. Ran correlation log. Sand filling in from formation. Ran tubing and bit and cleaned out to 5926. While cleaning out, well unloaded some water and gas. Pulled 10 stands and waited one hour. Ran tubing back to 5926, no sand fill-up. Pulled tubing and bit. Perforated 5892-93 with 4 holes. Set packer at 5875. Pumped 3 BPM at 1500 psi in casing-tubing annulus and formation. No communication with lower perforation. Pumped into tubing and lower perforations with 0.2 BPM and 3000 psi. No communication with upper perforations. Attempted to squeeze with 150 sacks cement containing 0.6% Haled 9. Squeeze pressure 2400-2000 psi and unable to squeeze. Waited on cement 4 hours. Squeeze with 50 sacks cement with pressure 4000 psi. Waited 4-1/2 psi in casing. Pulled tubing and packer. After waiting on cement 24 hours run tubing and bit and hit top of cement at 5410. Cleaned out to 5926 PWD. Set packer at 5877 and tested casing above packer with 2000 psi. Ran tubing and Hydra-jet tool and made 3 holes per foot at 5904, 5902, 5900, 5898, 5896, 5894 and 5892 (total 21 holes). Cleaned out well and loaded hole with water containing 0.6% potassium chloride and 2 pounds FR-8 per 1000 gallons. Attempted to break down with 1500 psi and 2000 psi. Would not break. Pulled tubing and Hydra-jet tool. Set packer at 5877. Pressured annulus with 1500 psi and tubing 4000 psi at 1/4 BPM. Pump 250 gallons 15% acid and formation broke 4000 to 2900 with shut in pressure 2000 psi. Pulled tubing and packer. Fracked new perforations down casing with 25,140 gallons water treated as above and containing 20,000 pounds sand. Breakdown pressure 2900 psi, average treating pressure 2500, average injection rate 35 BPM. Well stabilized after 2 hours at 500 psi. Ran tubing and circulated out to 5926 PWD. 2-3/8" tubing landed at 5878. Flowed 2" stream of water with small show of gas. For 11 hours and died. Stopped 26 hours. Flashed level at 1200'. Casing pressure 500 psi. Recovering stream of salt water and slight show of gas.