

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

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.)

5. LEASE DESIGNATION AND SERIAL NO.

SF-081239

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

L. C. Kelly

9. WELL NO.

5

10. FIELD AND POOL, OR WILDCAT

Undesignated Gallup & Basin Dakota

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

NE/4 SE/4 Section 3
T-30N, R-12W

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

1. OIL WELL GAS WELL OTHER Dual

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 any State requirements.* See also space 17 below.)
At surface

1790 FSL and 915 PEL

14. PERMIT NO.

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

5837 (RDB)

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)
PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

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 11-4-64 and drilled to a depth of 373'. 8-5/8" casing was set at that depth with 200 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 7-7/8" and resumed drilling.

Well was drilled to a total depth of 6820'. 5-1/2" casing was set at 6816' with stage collar set at 4863. Cemented first stage with 250 sacks cement containing 6% gel and 2 pounds Tuf Plug per sack followed by 100 sacks neat cement. Cemented second stage with 550 sacks 50-50 pozmix, 1 cubic foot Strata Crete 6 per sack, 2% gel and 1 pound Tuf Plug per sack. After waiting on cement tested casing with 3500 psi. Test ok.

Perforated Dakota 6672-96 with 2 shots per foot. Fracked these perforations with 50,200 gallons water containing 0.8% potassium chloride and 2 pounds FR-8 per 1000 gallons and 50,000 pounds sand. Breakdown pressure 1500 psi. Average treating pressure 3075 psi. Average injection rate 43 BPM. Bridge Plug set at 6690 and tested with 3100 psi. Test ok. Perforated Gallup 5991-6001 with 4 shots per foot. Fracked these perforations with 18,170 gallons water treated as above and containing 14,000 pounds sand. Breakdown pressure 2000 psi. Average treating pressure 3090 psi. Average injection rate 45.5 BPM. Drilled out bridge plug and cleaned well up.

Set production packer at 6632. 1-1/2" Dakota tubing set in packer with anchor joint at 6663. 1-1/2" Gallup tubing landed at 6011. Well completed 12-30-64 as Dual Undesignated Gallup gas and Basin Dakota gas well. Preliminary test Gallup 554 MCFD. Dakota 1793 MCFD.

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

Fred L. Nabors, District Engineer

ORIGINAL SIGNED BY
SIGNED F. H. HOLLINGSWORTH

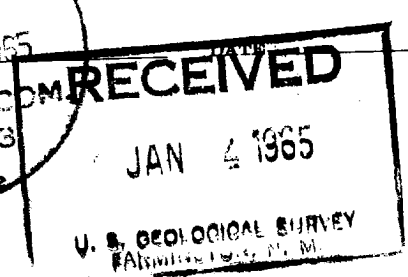
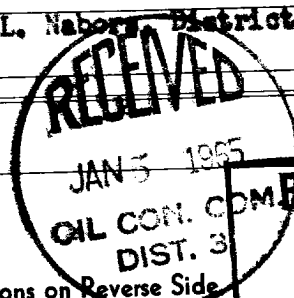
TITLE

DATE 12-31-64

(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 local, area, or regional procedures and practices, either as 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.