

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.

SP-078903-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Callegos Canyon Unit-Dakota

8. FARM OR LEASE NAME

9. WELL NO.

166

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

NE 1/4 SW 1/4 Section 34,
T-28-N, R-12-W

12. COUNTY OR PARISH 13. STATE

San Juan

New Mexico

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

14. PERMIT NO.

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

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*

Well History

(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 6-9-64 and drilled to a depth of 357'. 8 5/8" 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 1000 psi. Test ok. Reduced hole size to 7 7/8" and resumed drilling.

Core No. 1 5475-5535 (Gallup) cut 60' and recovered 5' as follows; 5475-77 shale, black with scattered thin sand laminations; 5477-77 1/2 shale, rotten; 5477 1/2-80 shale, black with scattered thin sand laminations.

Well was drilled to a total depth of 6284 and 4 1/2" casing set at that depth with stage collar at 4339. Cemented first stage with 400 sacks cement containing 6% GEL, 2 pounds TUF PLUG per sack and followed by 100 sacks neat cement. Cemented second stage with 1100 sacks cement containing 6% GEL and 2 pounds TUF PLUG per sack. Cement circulated to surface. After waiting on cement tested casing with 3500 psi. Test ok.

Perforated 6105-15 and 6142-52 with 2 shots per foot. Fractured these perforations with 55,000 gallons water containing 1% calcium chloride, 7 pounds J-2 per 1000 gallons and 50,000 pounds sand. Breakdown pressure 2000. Average treating 3400. Average injection rate 38.7 BPM. Set bridge plug at 6070 and tested with 3500 psi. Test ok. Perforated 6048-60 with 4 shots per foot. Zone Communicated. Drilled out bridge plug and ran tubing.

2 3/8" Tubing landed at 6055 & well completed 7-8-64 as Basin Dakota Field Development Well. Preliminary test 5930 MCFD.

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

SIGNED

ORIGINAL SIGNED BY

TITLE

DATE August 11, 1964

F. H. HOLLINGSWORTH

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side
OIL CON. COM.
DIST. 3

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.