

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

SF-078902-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Gallegos Canyon Unit-Dakota

9. WELL NO.

183

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

SURVEY OR AREA
NE/4 NE/4 Section 9

T-27N, R-12W

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 WELL ☐ GAS WELL ☐ OTHER ☒

Dry Hole

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

790 FNL and 790 FAL

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 ☐

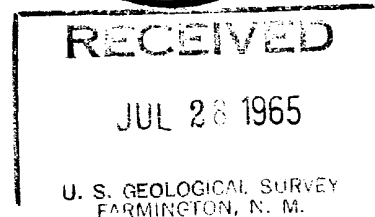
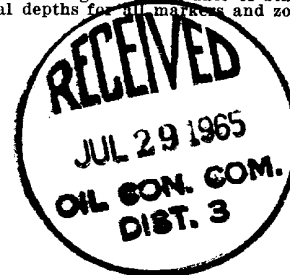
ABANDONMENT* ☐

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.)*

See Attached for Well History.



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

ORIGINAL SIGNED BY
F. H. HOLLINGSWORTH

Fred L. Nabors, District Engineer

SIGNED

TITLE

DATE

July 26, 1965

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*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.

ATTACHMENT NO. 2
SUMMARY OF OPERATIONS
GALLEGOS CANYON UNIT DAKOTA NO. 183

The above well was spudded November 27, 1964 and drilled to a depth of 371'. 8-5/8" (24#/ft.) casing was set at 370' with 225 sacks cement containing 2% Calcium Chloride. Cement circulated to surface. After waiting on cement, tested casing to 500 psi. Test OK. Reduced hole size to 7-7/8" and resumed drilling.

Well was drilled to a total depth of 6121'. 4-1/2" (10.5#/ft.) casing was set at that depth with a two-stage cementing tool set at 4241' (100' below base Mesaverde formation). The first stage was cemented with 400 sacks cement containing 6% gel and 2 pounds Medium Tuf Plug per sack followed by 100 sacks neat cement. Tested casing 3500 psi and test OK. Waited on cement 4 hours and cemented second stage with 850 sacks cement containing 6% Gel and 2 pounds Medium Tuf Plug per sack. Circulated cement to surface. Tested casing 3500 psi and test OK.

Ran tubing and bit and drilled two-stage cementing tool at 4241'. Drilled cement and cleaned out to 6004' PBD. Ran tubing and hydrojet tool to PBD. Ran Gamma Ray-Correlation log inside tubing and set tubing 6001'. Pumped 15 minutes each of following settings for perforations 6001', 6000', 5999', 5998', 5997', 5996', and 5995', 3 hole per setting for total of 21 holes. Displaced hole with water containing 0.8% Potassium Chloride and 2 pounds FR-8 per 1000 gallons. Pumped into formation 4 barrels per minute at 2400 psi. Pulled tubing and hydrojet tool. Fractured these perforations with 23,962 gallons water treated as above and with 20,000 pounds 20-40 sand. Pumped in at 2400 psi. Average treating pressure 2900 psi, average injection rate 22 barrels per minute. Instant shut-in pressure 2000 psi. Stabilized in one hour at 125 psi. 2-3/8" tubing landed 6000'. Well kicked off and flowed 12 hours through open 2" line and 8 hours through a 3/4" choke and died with tubing pressure zero and casing pressure 250 psi. Shut in for pressure buildup.

Commenced swabbing with fluid level 900' and tubing pressure zero and casing pressure 250 psi. Swabbed 70 hours with casing pressure 1250-1500 psi and well kicked off every five hours and flows 30 minutes and dies with fluid level 3000' and casing pressure 900-1100 psi. Shut in for pressure buildup.

Swabbed 8-1/2 hours with fluid level 2500-3000' and casing pressure 900-1200 psi. Well kicked off after 3 or 4 swab runs and flows gaseous salt water and trace condensate for 30 minutes and dies. Shut in.

Moved in completion unit February 26, 1965. Cleaned out to PBD. Displaced hole with fresh water. Ran Gamma Ray-Correlation log. Perforated 6036-42' with 4 shots per foot. Ran tubing and RTTS packer. Set packer 6015'. Pumped down casing at 1.3 barrels per minute at 1000 psi. Pumped

down tubing at one barrel per minute at 2000 psi. No indication of communication between perforations. Pulled tubing and packer and ran Model "K" retainer and set at 5950'. Ran tubing and stinger and set in retainer. Pressured annulus to 1500 psi and established injection rate at 3 barrels per minute at 2500 psi. Squeered perforations 5995-6001' and 6036-42' with 150 sacks Type "C" cement with 0.02 Haled-9. Maximum squeeze pressure 2200 psi. Dropped bridging bar. Tested to 2500 psi OK. Reversed out 1/2 barrel cement. Waited on cement 16 hours. Drilled retainer and cement to 5975'. Drilled out opposite perforations 5995-6001' after waiting on cement total 24 hours. Drilled to 6015' and tested casing 3000 psi. Pressure dropped to 2000 psi in 1/4 hour. Could not pump in at 3000 psi. Drilled cement to 6035' and cleaned out to PED. Pumped in one barrel per minute at 2800 psi. Displaced hole with water containing 0.8% Potassium Chloride and 2 pounds FR-8 per 1000 gallons. Re-perforated 6036-54 with 4 shots per foot. Attempted to sand-water frack and pressure increased to 3000 psi at 6 barrels per minute with 1/4 pound sand per gallon water. Died well back. Pumped in 14 barrels per minute at 3000 psi. Spearhead 1000 gallons 15% regular acid. Sand-water fracked with 27,140 gallons water treated as above and with 15,000 pounds 20-40 sand and 5,000 pounds 10-20 sand. Pumped in at 2900 psi. Average treating pressure 2900 and average injection rate 23.6 barrels per minute. Instant shut-in pressure 2100. Well stabilized at 300 psi in 3 hours.

2-3/8" tubing landed at 6041'. Swabbed well 2 hours and stuck swab. Cut swab line and pulled tubing and recovered fish. 2-3/8" tubing landed at 6041'. Swabbed 4-1/2 hours and recovered gas cut salt water and trace condensate with casing pressure zero. Fluid level dropped from 1000' to 3000'. Well shut in 5 hours and fluid level 450'. Swabbed 5-1/2 hours with casing pressure zero and fluid level 1500'. Swabbed. Shut in 16 hours with casing pressure closed 475 and tubing pressure closed 125. Opened well and blew down immediately. Swabbed 19 hours and recovered gas cut salt water with casing pressure 350 and tubing pressure zero. Shut in.