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OPERATOR	

# NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

(Form C-104)  
Revised 7/1/57

## REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well  
**Recompletion**

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Farmington, New Mexico

May 21, 1964

(Place)

(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Pan American Petroleum Corp. (Company or Operator) 600 Well No. 163, in SW  $\frac{1}{4}$  SE  $\frac{1}{4}$ ,  
(Lease)

Q, Sec. 26, T-29-N, R-13-W, NMPM., Basin Dakota Pool  
Unit Letter

San Juan

County. Date Spudded 4-20-64

Date Drilling Completed 5-4-64

Please indicate location:

Elevation 5745 (RDB) Total Depth 6326 PBD 6290

Top ~~xxx~~ Gas Pay 6116 Name of Prod. Form. Dakota

PRODUCING INTERVAL - 6217 - 29 and 6240 - 52 with 2 shots per foot.

Perforations 6116 - 28 with 3 shots per foot.

Open Hole None Depth 6326 Depth Casing Shoe 6137 Tubing

### OIL WELL TEST -

Natural Prod. Test: \_\_\_\_\_ bbls. oil, \_\_\_\_\_ bbls water in \_\_\_\_\_ hrs, \_\_\_\_\_ min. Choke Size \_\_\_\_\_

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): \_\_\_\_\_ bbls. oil, \_\_\_\_\_ bbls water in \_\_\_\_\_ hrs, \_\_\_\_\_ min. Choke Size \_\_\_\_\_

### GAS WELL TEST -

Natural Prod. Test: \_\_\_\_\_ MCF/Day; Hours flowed \_\_\_\_\_ Choke Size \_\_\_\_\_

Method of Testing (pitot, back pressure, etc.): \_\_\_\_\_

Test After Acid or Fracture Treatment: 7500 MCF/Day; Hours flowed 3

Choke Size 3/4 Method of Testing: Pitot Tube

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): 42,210 gal. water and 40,000 pounds sand.

Casing Press. 1200 Tubing Press. 600 Date first new oil run to tanks Shut In

Oil Transporter Plateau, Inc.

Gas Transporter El Paso Natural Gas Company

Remarks: Well completed May 19, 1964 as Basin Dakota Field Development. Well Records & Deviation Survey are attached.

I hereby certify that the information given above is true and complete to the best of my knowledge.

Approved MAY 25 1964, 19\_\_\_\_\_

PAN AMERICAN PETROLEUM CORPORATION  
(Company or Operator)

OIL CONSERVATION COMMISSION

By: Original Signed Emery C. Arnold

By: EO. Sperry  
(Signature)

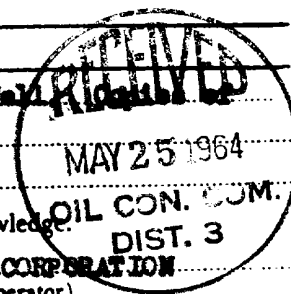
Title: Area Superintendent

Send Communications regarding well to:

Name: PAN AMERICAN PETROLEUM CORPORATION

Address: Box 480, Farmington, New Mexico

Title: Supervisor Dist. # 3



Size	Feet	SAN
8 5/8"	359	225
4 1/2"	6360	1600
2 3/8"	6159	

D	C	B	A
E	F	G	H
L	K	J	I
M	N	O X	P

TABULATION OF DEVIATION TESTS  
PAN AMERICAN PETROLEUM CORPORATION  
GALLAGHER CANYON UNIT DAKOTA #163

<u>DEPTH</u>	<u>DEVIATION</u>
367'	1/2°
770'	1/2°
1170'	1/2°
1400'	1/2°
1795'	3/4°
2135'	1/4°
2500'	1/2°
2920'	1/2°
3157'	1
3776'	1/2°
4200'	1/2°
4444'	1/2°
4926'	3/4°
5296'	3/4°
5617'	1/2°
5892'	3/4°
6163'	1

A F F I D A V I T

THIS IS TO CERTIFY that to the best of my knowledge the above tabulation details the deviation test taken on PAN AMERICAN PETROLEUM CORPORATION'S **Gallagher Canyon Unit Dakota #163, Basin Dakota Field, located in the SW/4 SE/4 of Section 26, T-29-N, R-13-W, San Juan County, New Mexico.**

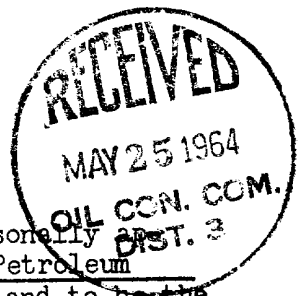
Signed *Fred L. Mahorn*  
Petroleum Engineer

THE STATE OF NEW MEXICO )  
COUNTY OF SAN JUAN ) SS.

BEFORE ME, the undersigned authority, on this day personally appeared **Fred L. Mahorn** known to me to be Petroleum Engineer for Pan American Petroleum Corporation and to be the person whose name is subscribed to the above statement, who, being by me duly sworn on oath, states that he has knowledge of the facts stated herein and that said statement is true and correct.

SUBSCRIBED AND SWORN TO before me, a Notary Public in and for said County and State this **21st** day of **May**, 1964.

*S. K. Diet*  
Notary Public



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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-078926-A**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

**Gallegos Canyon Unit-Dakota**

8. FARM OR LEASE NAME

9. WELL NO.

**163**

10. FIELD AND POOL, OR WILDCAT

**Basin Dakota**

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

**SE 1/4, SE 1/4, Sec 26, T-29N  
R-13W, NMPM**

12. COUNTY OR PARISH 13. STATE

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 any State requirements.\*  
See also space 17 below.)

At surface

**840 FSL and 1525 FEL, Section 26, T-29N, R-13W**

14. PERMIT NO.

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

**5745 (RDB)**

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

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)

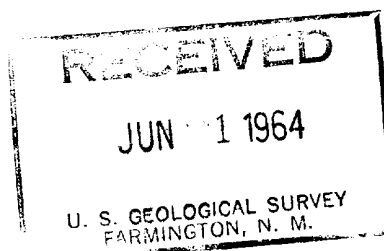
**Report of Potential Test**

(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.)\*

**This is to report the following Potential Test:**

**Potential Test May 27, 1964. Flowed 8018 MCFPD through 3/4" choke after 3 hours flow. Absolute open flow potential 11483 MCFPD. Shut in casing pressure after 8 days 2079 psig.**



18. I hereby certify that the **ORIGINAL SIGNED BY**  
**A. R. TURNER** is true and correct

SIGNED

TITLE

**Administrative Clerk**

DATE

**May 28, 1964**

(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.