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NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

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

REQUEST FOR ~~XXXXXX~~ (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 September 9, 1964
(Place) (Date)

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

PAN AMERICAN PETROLEUM CORP. ~~Gallegos Canyon~~ Unit-Dakota, Well No. 172, in SE 1/4 SE 1/4,

(Company or Operator)

(Lease)

P, Sec. 25, T. -29-N, R. -13-W, NMPM, Basin Dakota Pool

Unit Letter

San Juan

County. Date Spudded 8-15-64 Date Drilling Completed 8-25-64

Please indicate location:

Elevation 5401 (RDB) Total Depth 6008 PBTD 5972

Top Oil/Gas Pay 5774 Name of Prod. Form. Dakota

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

PRODUCING INTERVAL - 5856-74, 5892, 5900 with 2 shots per foot.

Perforations 5780-90 with 4 shots per foot.

Open Hole None Depth 6009 Casing Shoe 5809

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: 4900 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): 65,600 gallons water and 60,000 pounds sand.

Casing Press. 1200 Tubing Press. 400 Date first new oil run to tanks Shut In

Oil Transporter Plateau, Inc.

Gas Transporter El Paso Natural Gas Company

Remarks: Well completed 9-7-64 as Basin Dakota Field Well. Copy of Deviation Survey is attached.

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

Approved SEP 16 1964, 19

PAN AMERICAN PETROLEUM CORPORATION SEP 16 1964

(Company or Operator)

ORIGINAL SIGNED BY OIL CON. COM.

By: L. R. Turner (Signature)

Title Administrative Clerk

Send Communications regarding well to:

Name L. O. Spear, Jr.

Address P. O. Box 480, Farmington, New Mexico

OIL CONSERVATION COMMISSION

Original Signed By

By: A. R. KENDRICK

Title PETROLEUM ENGINEER DIST. NO. 3

TABULATION OF DEVIATION TESTS
PAN AMERICAN PETROLEUM CORPORATION
GALLEGOS CANYON UNIT-DAKOTA NO. 172

<u>DEPTH</u>	<u>DEVIATION</u>
783'	3/4°
1278'	1°
1585'	1-1/4°
1962'	1-1/4°
2584'	3/4°
2957'	3/4°
3454'	1/2°
3921'	3/4°
4668'	3/4°
5478'	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 **Gallegos Canyon Unit-Dakota No. 172, Basin Dakota Field**, located in the SE/4 SE/4 of Section 25, T-29-N, R-13-W, San Juan County, New Mexico.

Signed *F. H. Hollingsworth*
Petroleum Engineer

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

BEFORE ME, the undersigned authority, on this day personally appeared **F. H. Hollingsworth** 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 9th day of September, 1964.

S. K. Diet
Notary Public

My Commission Expires February 27, 1965.

1. The first part of the paper is devoted to the study of the properties of the function $f(x)$ defined by the equation

$$f(x) = \int_0^x \frac{1}{1+t^2} dt$$

2.

3. The second part of the paper is devoted to the study of the properties of the function $f(x)$ defined by the equation

4. The third part of the paper is devoted to the study of the properties of the function $f(x)$ defined by the equation

$$f(x) = \int_0^x \frac{1}{1+t^2} dt$$

5.

6. The fourth part of the paper is devoted to the study of the properties of the function $f(x)$ defined by the equation

7. The fifth part of the paper is devoted to the study of the properties of the function $f(x)$ defined by the equation

8. The sixth part of the paper is devoted to the study of the properties of the function $f(x)$ defined by the equation

$$f(x) = \int_0^x \frac{1}{1+t^2} dt$$