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**NEW MEXICO OIL CONSERVATION COMMISSION**  
Santa Fe, New Mexico

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

**REQUEST FOR ~~TOILET~~ - (GAS) ALLOWABLE**

New Well  
**RECEIVED**

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**      **March 19, 1964**

(Place)      (Date)

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

**PAN AMERICAN PETROLEUM CORP. Gallegos Canyon Unit-Dakota** Well No. **152**, in **SW**  $\frac{1}{4}$  **SW**  $\frac{1}{4}$ ,  
(Company or Operator) (Lease)

**N**, Sec. **21**, T. **29-N**, R. **12-W**, NMPM, **Basin Dakota** Pool

Unit Letter

**San Juan**

Please indicate location:

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

**1010 FSL and 1110 FSL**

(FOOTAGE)

Tubing, Casing and Cementing Record

Size      Feet      Sax

8 5/8"	346	225
4 1/2"	6095	1500
2 3/8"	5982	

County. Date Spudded **2-24-64** Date Drilling Completed **3-3-64**  
Elevation **5444 (RDB)** Total Depth **6066** PBD **6030**

Top ~~Gas~~ Pay **5430** Name of Prod. Form. **Dakota**

PRODUCING INTERVAL - **5965-69 with 4 shots per foot.**  
**5980-90 with 2 shots per foot.**

Perforations **5992-98 with 4 shots per foot.**

Open Hole **None** Depth **6066** Casing Shoe **6066** Depth **5982** Tubing

OIL WELL TEST -

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

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of Choke load oil used): \_\_\_\_\_ bbls. oil, \_\_\_\_\_ bbls water in \_\_\_\_\_ hrs, \_\_\_\_\_ min. 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: **6000** 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): **61,300 Gallons water and 60,000 Pounds Sand.**

Casing Press. **900** Tubing Press. **475** Date first new oil run to tanks **Shot In**

Oil Transporter **Platano, Inc.**

Gas Transporter **El Paso Natural Gas**

Remarks: **Well Completed March 18, 1964 as Basin Dakota Field Development Well.**  
**Copies of Deviation Survey are attached.**

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

Approved **MAR 24 1964**, 19\_\_\_\_

**OIL CONSERVATION COMMISSION**

By: **Original Signed Emery C. Arnold**

Title Supervisor Dist. # **3**

**RECEIVED**  
**MAR 24 1964**  
**OIL CON. COM.**  
**3**  
ORIGINAL SIGNED BY  
**L. R. Turner**  
By: \_\_\_\_\_ (Signature)

Title **Administrative Clerk**

Send Communications regarding well to:

Name **L. O. Speer, Jr.**

Address **Box 480, Farmington, New Mexico**

TABULATION OF DEVIATION TESTS  
PAN AMERICAN PETROLEUM CORPORATION  
GALLEGOS CANYON UNIT - DAKOTA WELL NO. 152

<u>DEPTH</u>	<u>DEVIATION</u>
356'	1/4°
760'	1/4°
1191'	1/2°
1564'	1°
1800'	1°
2217'	3/4°
2450'	3/4°
2794'	3/4°
3284'	1°
3910'	1°
4480'	1°
5136'	1°
5520'	1/2°
5922'	1/2°
6064'	1/2°

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 tests taken on PAN AMERICAN PETROLEUM CORPORATION'S Gallegos Canyon Unit - Dakota Well No. 152, Basin Dakota Field, located in the SW/4 of the SW/4 of Section 21, T-29-N, R-12-W, San Juan County, New Mexico.

Signed F. H. Hollingsworth  
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 19th day of March, 1964.

S. K. Wiest  
Notary Public

My Commission Expires February 27, 1965.

TABLE OF DEVIATION TESTS  
PAN AMERICAN PETROLEUM CORPORATION  
GALLAGHER CANYON UNIT - DAKOTA WELL NO. 122

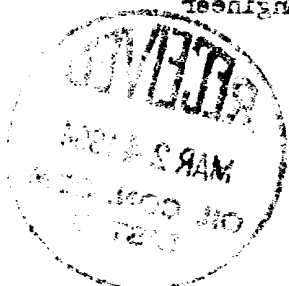
DEPTH	DEVIATION
356'	1/4"
400'	1/4"
450'	1/4"
500'	1/4"
550'	1/4"
600'	1/4"
650'	1/4"
700'	1/4"
750'	1/4"
800'	1/4"
850'	1/4"
900'	1/4"
950'	1/4"
1000'	1/4"
1050'	1/4"
1100'	1/4"
1150'	1/4"
1200'	1/4"
1250'	1/4"
1300'	1/4"
1350'	1/4"
1400'	1/4"
1450'	1/4"
1500'	1/4"
1550'	1/4"
1600'	1/4"
1650'	1/4"
1700'	1/4"
1750'	1/4"
1800'	1/4"
1850'	1/4"
1900'	1/4"
1950'	1/4"
2000'	1/4"

A F F I D A V I T

I, the undersigned, do hereby certify that to the best of my knowledge the above tabulation details the deviation tests taken on PAN AMERICAN PETROLEUM CORPORATION'S Gallagher Canyon Unit - Dakota Well No. 122, Basin Dakota Field, located in the SW 1/4 of the SW 1/4 of Section 23, T-23-N, R-12-W, San Juan County, New Mexico.

Signed

F. H. Hollingsworth  
Petroleum Engineer



COUNTY OF SAN JUAN  
( )  
ST. ( )  
THE STATE OF NEW MEXICO

I, the undersigned, do hereby certify that to the best of my knowledge the above tabulation details the deviation tests taken on PAN AMERICAN PETROLEUM CORPORATION'S Gallagher Canyon Unit - Dakota Well No. 122, Basin Dakota Field, located in the SW 1/4 of the SW 1/4 of Section 23, T-23-N, R-12-W, San Juan County, New Mexico.

Subscribed and sworn to before me, a Notary Public in and for said County and State this 14th day of March, 1954.

Notary Public