

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 December 30, 1964

(Place)

(Date)

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

PAN AMERICAN PETROLEUM CORP. Gallegos Canyon Unit-Dakota, Well No. 188, in NW 1/4 SE 1/4, (Company or Operator) (Lease)

J, Sec. 30, T. 29N, R. 12W, NMPM., Basin Dakota Pool (Unit Letter)

San Juan

County. Date Spudded. 11-27-64 Date Drilling Completed 12-6-64
Elevation 5326 (RDB) Total Depth 5901 PBD 5866

Please indicate location:

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

Top Oil/Gas Pay 5731 Name of Prod. Form. Dakota

PRODUCING INTERVAL - 5810-20, 5834-43 with 2 shots per foot
5732-44 with 4 shots per foot

Perforations
Open Hole None Depth 5901 Depth 5749
Casing Shoe 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: 3000 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): 74,300 Gallons Water, 60,000 lbs sand, 10,000 lbs HCF-2

Casing Tubing Date first new
Press. 700 Press. 250 oil run to tanks Shut In

Oil Transporter Plateau, Inc.

Gas Transporter El Paso Natural Gas

Remarks: Well completed 12-20-64 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 JAN 4 1964, 19____

OIL CONSERVATION COMMISSION

Original Signed Emery C. Arnold

By: _____

Title Supervisor Dist. # 3

PAN AMERICAN PETROLEUM CORPORATION

(ORIGINAL SIGNED BY)

L. R. Turner

By: _____ (Signature)

Title Administrative Clerk

Send Communications regarding well to:

Name L. O. Spear, Jr.

Address Box 480, Farmington, New Mexico

| | | |
|------------------------------|--|--|
| STATE OF HOUSTON | | |
| COUNTY COMMISSIONERS' OFFICE | | |
| ADJUTANT GENERAL'S OFFICE | | |
| RECEIVED | | |
| DATE | | |
| TIME | | |
| BY | | |
| FOR | | |
| TRANSMITTER | | |
| RECEIVED | | |
| OPERATOR | | |

TABULATION OF DEVIATION TESTS
PAN AMERICAN PETROLEUM CORPORATION
Gallegos Canyon Unit-Dakota No. 188

| <u>DEPTH</u> | <u>DEVIATION</u> |
|--------------|------------------|
| 364' | 1 • |
| 725 | 3/4 |
| 1257 | 1 |
| 1949 | 1 |
| 2597 | 3/4 |
| 2888 | 1/2 |
| 3398 | 3/4 |
| 3956 | 1 |
| 4429 | 1/2 |
| 4840 | 1/2 |
| 5214 | 1/2 |
| 5515 | 1/2 |
| 5754 | 1 |
| 5900 | 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. 188, Basin Dakota Field, located in the NW/4 SW/4 of Section 30, T-29N, R-12W, San Juan County, New Mexico.**

Signed *F. W. Hallingworth*
Petroleum Engineer

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

BEFORE ME, the undersigned authority, on this day personally appeared **F. W. Hallingworth** 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 31st day of December, 1964.

S. K. Dietz
Notary Public

My Commission Expires February 27, 1965.