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NEW MEXICO OIL CONSERVATION COMMISSION

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

Santa Fe, New Mexico

REQUEST FOR ~~WELL~~ (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 15.059 psia at 60° Fahrenheit.

Farmington, New Mexico November 12, 1964
(Place) (Date)

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

PAN AMERICAN PETROLEUM CORP. Navajo Tribal "N", Well No. 4, in NE 1/4 NE 1/4,
(Company or Operator) (lease)

A Sec. 18 T-26-N -18-W NMPM, Tocito Dome Pennsylvanian "D" Pool
Unit Letter

San Juan

Please indicate location:

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

660 FNL and 660 FEL

(FOOTAGE)

Tubing, Casing and Cementing Records

Size Feet Sax

| | | |
|---------|------|-----|
| 13-3/8" | 73 | 125 |
| 8-5/8" | 1492 | 500 |
| 4-1/2" | 6529 | 250 |
| 2-3/8" | 6450 | |

County Date Spudded 10-7-64 Date Drilling Completed 10-31-64
Elevation 5862 (RDB) Total Depth 6530 FBTD 6495

Top Oil XXX Pay 6378 Name of Prod. Form. Pennsylvanian "D"

PRODUCING IN HRS.

Perforated 6378-88 with 4 shots per foot.

Open Hole None Depth 6530 Casing Shoe 6450 Depth 6450

OIL WELL TEST

Natural Flow 0 bbls. oil, 0 bbls. water in 0 hrs, 0 min. Size Choke

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of Choke

Load oil at 251 bbls. oil, 0 bbls. water in 24 hrs, 0 min. Size 10/64"

GAS WELL TEST

Natural Flow Test MCF/Day; Hours flowed Choke Size

Method of Testing (Test, back pressure, etc.):

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

Choke Size Method of Testing:

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): 2,250 gallons acid

Casing Press. 1950 Tubing Press. 1300 Date first new oil run to tanks November 4, 1964

Oil Transported Rock Island Oil & Refining Company

Gas Transported El Paso Natural Gas Company

Remarks: Well completed November 5, 1964 as Tocito Dome Pennsylvanian "D" Flowing Oil Well. Allowable of 194 BOPD effective November 4, 1964. 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. NOV 17 1964

OIL CONSERVATION COMMISSION

By: Original Signed Emery C. Arnold

Title Supervisor Dist. # 3

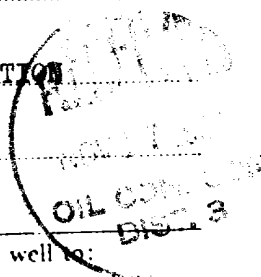
PAN AMERICAN PETROLEUM CORPORATION
(Company or Operator)

ORIGINAL SIGNED BY
By: L. R. Turner
(Signature)

Title Administrative Clerk
Send Communications regarding well to:

Name L. O. Speer, Jr.

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



TABULATION OF DEVIATION TESTS
PAN AMERICAN PETROLEUM CORPORATION
NAVAJO TRIBAL "N" NO. 4

| <u>DEPTH</u> | <u>DEVIATION</u> |
|--------------|------------------|
| 74' | 1/4° |
| 525' | 1/4° |
| 950' | 3/4° |
| 1490' | 3/4° |
| 1950' | 1 |
| 2675' | 1 |
| 2841' | 1 |
| 3049' | 1 |
| 3643' | 1 |
| 4500' | 3/4° |
| 4657' | 3/4° |
| 4640' | 3/4° |
| 4905' | 1/2° |
| 5115' | 1/2° |
| 5516' | 1/2° |
| 5695' | 1/2° |
| 5825' | 1/2° |
| 5937' | 3/4° |
| 5997' | 3/4° |
| 6062' | 3/4° |
| 6207' | 3/4° |
| 6297' | 3/4° |

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 Navajo Tribal "N" No. 4, Tocito Dome Pennsylvanian "D" Field, located in the NE/4 NE/4 of Section 18, T-26-N, R-18-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 12th day of November, 1964.

S. K. Rut
Notary Public

My Commission Expires February 27, 1965.