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NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

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

REQUEST FOR ~~WELL~~ - (GAS) ALLOWABLE

New Well
REC-11301

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 12, 1962
(Place) (Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:
Pan American Petroleum Corporation-Jicarilla Contra et 146 16, in SW 1/4 SW 1/4,
(Company or Operator) (Lease)
M, Sec. 10, T. 25N, R. 5W, NMPM., Otero Chacra Pool

Unit Letter

Rio Arriba

Please indicate location:

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

890' ESL and 1190' EWL

(FOOTAGE)

Tubing, Casing and Cementing Record

Size	Feet	Sax
8-5/8"	203	135
4-1/2"	4153	300
2-3/8"	4021	

County. Date Spudded. 11-12-62 Date Drilling Completed 11-20-62
Elevation 6929 (GL) Total Depth 4140 PBD 4098

Top ~~gas~~/Gas Pay 4032 Name of Prod. Form. Chacra

PRODUCING INTERVAL -

Perforations 6 Shots per foot 4032-4036, 4041-4045

Open Hole None Depth 4140 Casing Shoe 4009 Tubing 4009

OIL WELL TEST -

Natural Prod. Test: _____ bbls. oil, _____ bbls water in _____ hrs, _____ min. Size _____

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: 11.54 MCF/Day; Hours flowed 3

Choke Size 2" Method of Testing: Pitot Tube

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): 31,600 gallons water and 30,000 pounds sand.

Casing Press 830 (SI) Tubing Press 840 (SI) Date first new oil run to tanks _____

Oil Transporter _____

Gas Transporter El Paso Natural Gas Company

Remarks: Tabulation of Deviation Tests run is attached. DEC 12 1962

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

Approved: DEC 13 1962, 19 _____ Pan American Petroleum Corporation (Company or Operator)

OIL CONSERVATION COMMISSION

By: Original Signed by W. B. Smith Title: Administrative Clerk

Title: DEPUTY OIL & GAS INSPECTOR DIST. NO. 3 Name: L. O. Speer, Jr.

Address: Box 480, Farmington, New Mexico

TABULATION OF DEVIATION TESTS
PAN AMERICAN PETROLEUM CORPORATION
JICARILLA CONTRACT 146 NO. 16

DEPTH TEST RUN

DEGREES OFF

212'	1/2°
617'	1/2°
979'	3/4°
1245'	1-1/2°
1692'	3/4°
2113'	1/2°
2201'	1-1/4°
2616'	1°
2942'	1/2°
3296'	1/4°
3845'	1/2°
4140'	1/4°

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 tests taken on PAN AMERICAN PETROLEUM CORPORATION'S Jicarilla Contract 146 Well No. 16, Otero Chacra Field, located in the SW/4 SW/4 of Section 10, T-25-N, R-5-W, Rio Arriba County, New Mexico.

Signed F. H. Hollingsworth
Petroleum Engineer

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

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 December, 1962.

C. K. Dietz
Notary Public

1. The first part of the paper is a review of the literature on the topic of the paper.

2. The second part of the paper is a description of the methodology used in the study.

The methodology used in the study is a combination of qualitative and quantitative methods.

3. The third part of the paper is a discussion of the results of the study.

The results of the study show that there is a significant relationship between the variables studied.

4. The fourth part of the paper is a conclusion.

The conclusion of the study is that the results of the study are consistent with the hypotheses of the study.

The study was funded by the National Science Foundation.

The author would like to thank the following people for their assistance in the study.

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