

(SUBMIT IN TRIPLICATE)

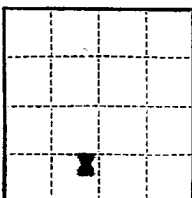
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Indian Agency

**Jicarilla Tribal**

Allottee

**Jicarilla Tribal**  
Contract No. 146



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

**Jicarilla Contract 146**

**Farmington, New Mexico** December 2, 1960

Well No. **10** is located **1190** ft. from **NS** line and **1590** ft. from **EW** line of **Section 9** **T-25-N** **R-3-W** **N.M.P.M.**

**Basin District Field**

**Rio Arriba**

**New Mexico**

**(Otero District Area)**

**(County or Subdivision)**

**(State or Territory)**

The elevation of the derrick floor above sea level is \_\_\_\_\_ ft.

(To be reported by well log)  
**RECEIVED**  
**DEC 12 1960**  
**U.S. GEOLOGICAL SURVEY**  
**FARMINGTON, NEW MEXICO**  
**DIST. 3**

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

We propose to drill **Jicarilla Contract 146** well No. **10** to an approximate total depth of **7400'** with rotary tools to evaluate **Dakota** prospects. Stimulation and completion will be as indicated upon reaching total depth. The following casing program is proposed:

<b>5 1/2"</b>	<b>100'</b>	<b>300</b> sacks	<b>Root - circulate.</b>
<b>4 1/2"</b>	<b>7400'</b>	<b>600</b> sacks	

Production string will be cemented by 2-stage method with stage seal set about 100' below base of **Pictured Cliffs**. First stage will have sufficient cement to fill 300-300' above top of Gallup. Second stage will have sufficient cement to fill 300' above top of **Pictured Cliffs**.

A copy of any survey taken will be submitted upon completion of well. Copies of

location plat attached, must receive approval in writing by the Geological Survey before operations may be commenced.

**Pan American Petroleum Corporation**

Company

**Box 480**

Address

**Farmington, New Mexico**

**Attn: L. O. Spear, Jr.**

ORIGINAL SIGNED BY  
**R. M. Bauer, Jr.**

By

**Area Engineer**

Title

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## NEW MEXICO CONSERVATION COMMISSION

## Well Location and Acreage Dedication Plat

Section A.

Date December 7, 1960Operator Pan American Petroleum Corporation

Jicarilla Contract 146

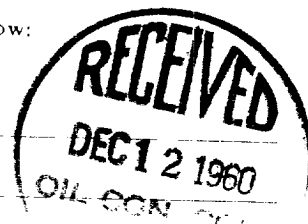
Well No. 10 Unit Letter N Section 9Located 1190 Feet From the SOUTH 1550Township 25 NORTH Range 5 WEST, NMPMCounty RIO ARriba G. L. Elevation \*Feet From the WEST LineName of Producing Formation DakotaDedicated Acreage 320 AcresPool Basin Dakota Field (Otero Dakota Area)

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below?  
Yes X No        \*To be reported later.
2. If the answer to question one is "no", have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes        No        If answer is "yes", Type of Consolidation.

3. If the answer to question two is "no", list all the owners and their respective interests below:

Owner

Land Description



Section B.

Note: All distances must be from outer boundaries of section.

This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

Pan American Petroleum Corporation

(Operator)

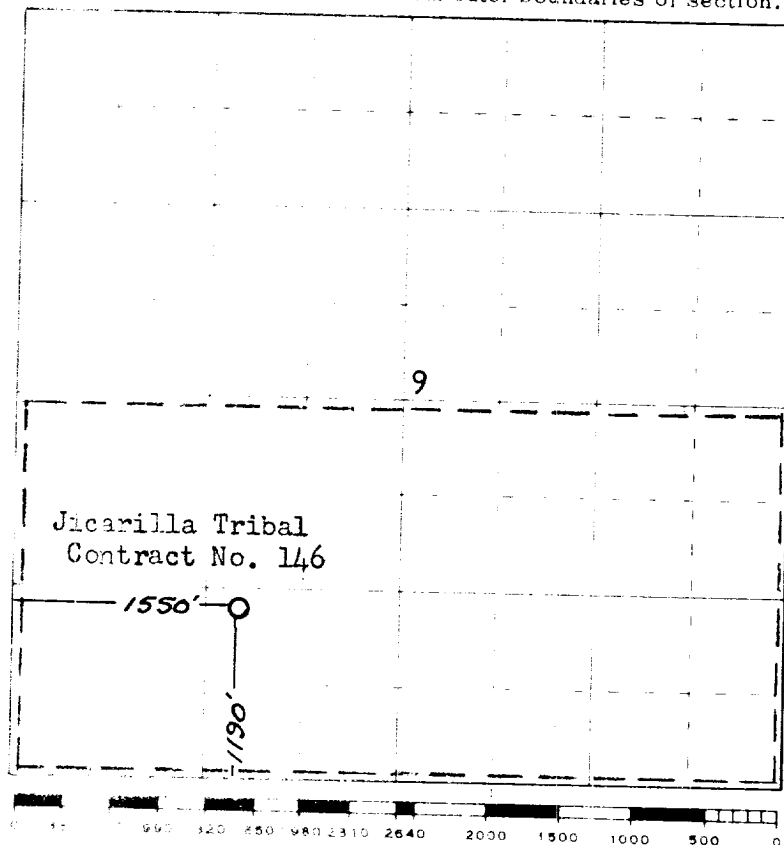
R. M. Bauer, Jr. *RMB*

(Representative)

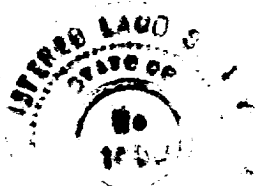
Box 480, Farmington, New Mexico

(Address)

Ref: GLO plat dated 4 Nov. 1882



Scale 4 inches equal 1 mile



This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

(Seal)

Date Surveyed 6 December 1960

Farmington, New Mexico

*James P. Leese*  
Registered Professional Engineer and/or Land Surveyor  
James P. Leese N. Mex. Reg. No. 1463