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(SUBMIT IN TRIPLICATE)

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

Indian Agency

Jicarilla Tribal

Allottee

Lease No. **Jicarilla Contract
147****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 147**Farmington, New Mexico September 13, 1960**

Well No. **2** is located **1690** ft. from **N** line and **1690** ft. from **W** line of sec. **5**
N1/4, SW1/4 of Section 5 T-25-N R-5-W N.M.P.M.
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Undesignated Dakota Rio Arriba New Mexico
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is ft. (To be reported later.)

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 the above well 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:

| SIZE | DEPTH | CEMENT | REMARKS |
|--------|-------|-----------|---|
| 8-5/8" | 300' | 300 sacks | Test - circulate. |
| 5-1/2" | 7400' | 600 sacks | Casing will be cemented by 2-stage method with stage tool set approximately 100' below base of Pictured Cliffs. First stage fill 300 - 500 feet above top of Gallup and second stage 300 feet above top of Pictured Cliffs. |

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

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **Pan American Petroleum Corporation**Address **Box 480****Farmington, New Mexico****Attention: L. O. Speer, Jr.**ORIGINAL SIGNED BY
R. M. Bauer, Jr. SEP 19 1960

By

Area Engineer

Title

NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

Section A.

Date September 12, 1960

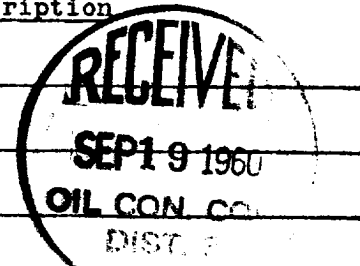
Operator Pan American Petroleum Corporation Lease Jicarilla Contract 147
Well No. 2 Unit Letter K Section 5 Township 25 North Range 5 West NMPN
Located 1650 Feet From South Line, 1650 Feet From West Line
County Rio Arriba G. L. Elevation * Dedicated Acreage 320 Acres
Name of Producing Formation Dakota Pool Undesignated Dakota

1. Is the Operator the only owner* in the dedicated acreage outlined on the plat below?
Yes X No (Base of Mesaverde to 600 feet below top of Greenhorn)
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:

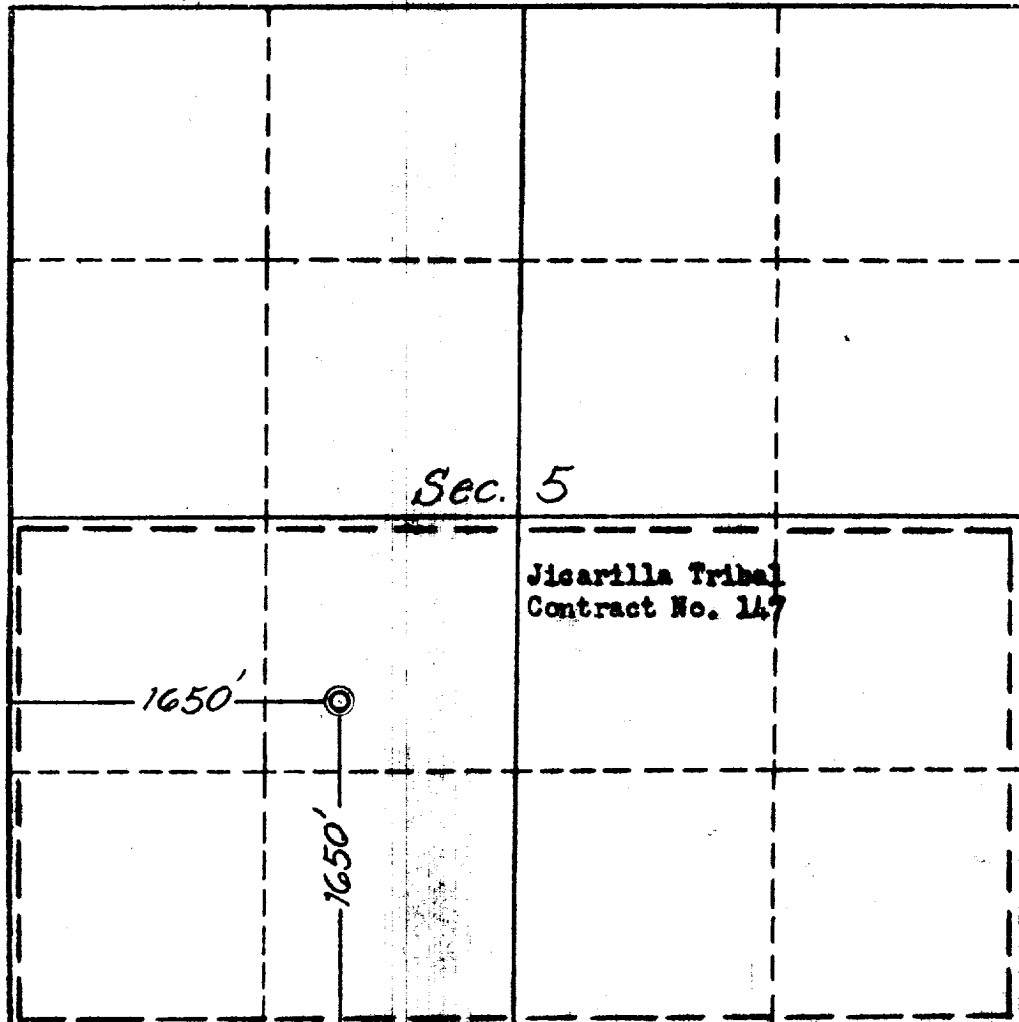
*To be reported later.

Owner

Land Description



Section B



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 Corp.

(Operator)

E. M. Bauer, Jr. RMBauer, Jr.

(Representative)

Box 480, Farmington, New Mexico

Address

This is to certify that the well location shown on the plat in Section B was plotted from field notes of actual surveys made by me under my supervision and that the same is to the best of my knowledge and belief.

Date Surveyed September 12, 1960

Ernest V. Echoshawk
Ernest V. Echoshawk
Registered Land Surveyor.

Certificate No. 1545