(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency _____

Jicarilla Tribal

Allottee _____

Jicarilla Tribal

Lease No. **Contract 148**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	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 **Free** X
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 148   **Farmington, New Mexico   December 26**, 19**62**

Well No. **15** is located **1145** ft. from [S] line and **1650** ft. from [W] line of sec. **15**

NE/4 SW/4 Section 15   **T-25-N**   **R-5-W**   **N.M.P.M.**
(¼ Sec. and Sec. No.)   (Twp.)   (Range)   (Meridian)

Otero Chacra   **Rio Arriba**   **New Mexico**
(Field)   (County or Subdivision)   (State or T...)

The elevation of the derrick floor above sea level is **6840** ft.

RECEIVED DEC 31 1962
OIL CON. COM. 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)

The above well was perforated with 6 shots per foot from 3890-3894' and 3899-3903'. Sand water fracked these perforations with 34,060 gallons of water containing 5 lbs. J-91 per 1,000 gal. and 30,000 lbs. sand. Simultaneously injected liquid carbon dioxide at 5 barrels per minute. Pressures were Breakdown 1500, Maximum treating 3000, Average treating 2100, instant shut in 1,000. Average injection rate 45 barrels per minute. After cleaning out well and testing, well was potentialed on December 20, 1962 as follows: Flowed 3 hours and tested 1,100 MCF per day through a 2" line.

Well completed December 20, 1962 as a shut in Otero Chacra Field Development Gas Well.

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**__

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

ORIGINAL SIGNED BY
F. H. HOLLINGSWORTH

By _____

Title __**Petroleum Engineer**__