



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency

Jicarilla Tribal

Allottee

Lease No. Jicarilla Tribal
Contract 155

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
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	

RECEIVED
OCT 17 1961
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

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

Jicarilla Contract 155

Farmington, New Mexico October 16, 1961

Well No. 16 is located 1890 ft. from [N] line and 790 ft. from [W] line of sec. 30

SW/4 NW/4 of Section 30
(1/4 Sec. and Sec. No.)

T-26-N
(Twp.)

R-5-W
(Range)

N.M.P.M.
(Meridian)

Basin Dakota
(Field)

Rio Arriba
(County or Subdivision)

New Mexico
(State or Territory)

The elevation of the derrick floor above sea level is 6693 ft. (RMB)

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)

Run Correlation Log. Perforated Graneros with 8 shots per foot 7271-7278'. Spotted 500 gallons MCA. Sand water fracked with 32,800 gallons of water containing 1 percent Calcium Chloride and 7 pounds WD-4 per 1000 gallons and 25,000 pounds 20-40 sand and 5,000 pounds 10-20 sand. Breakdown pressure 1500 psi and average treating pressure 2950 psi. Average injection rate 3/4 barrels per minute. Immediate shut in pressure 2000 psi. Landed tubing 2-3/8" at 7270'.

Total depth 7390' plug back depth 7350'. Completed as shut in Basin Dakota Field Development well October 13, 1961. Preliminary test October 12, 1961, 17 hour shut in tubing pressure and shut in casing pressure 2200psi, flowed 3 hours and gauged 3311 MCF per day with tubing pressure flowing 250 psi and casing pressure flowing 625 psi. Top pay Graneros 7266'. Elevation ground level 6661'.

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 P. O. Box 480

Farmington, New Mexico

Attn: L. O. Speer, Jr.

ORIGINAL SIGNED BY

By R. M. Bauer, Jr.

Title Senior Petroleum Engineer

