



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. 3F 077948
Unit C. J. Holder

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 RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING 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)

C. J. Holder

Farmington, New Mexico November 21, 1960

Well No. 2 is located 660 ft. from S line and 1960 ft. from W line of sec. 8
3E/4 SW/4 of Section 8 T-28-N R-13-W N.M.P.M.
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Cha Cha Gallup San Juan New Mexico
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5986 ft. (RDB)

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)

Total depth 5810', plug back depth 5772'. Ran correlation log. Perforated Lower Gallup with 4 shots per foot 5727-5743. Sand-oil fracked with 18,500 gallons oil and 19,000 pounds sand. Breakdown pressure 1800 psi, average treating pressure 2800 psi, average injection rate 33 barrels per minute. Instantaneous shut in pressure 1000 psi. Set bridge plug at 5705'. Tested bridge plug with 3000 psi for 15 minutes which held with no indication of pressure drop. Perforated Upper Gallup with 6 shots per foot 5675-5683. Sand oil fracked Upper Gallup with 16,340 gallons oil and 12,000 pounds sand. Breakdown pressure 1900 psi, treating pressure 2800 psi, average injection rate 25 barrels per minute. Retrieved bridge plug and cleaned out sand to 5772'. Landed 2" tubing at 5736'. Completed November 20, 1960 as flowing oil well, Cha Cha Gallup Field. Potential test November 20, 1960, flowed 180 barrels oil per day on 16/64" choke.

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 FILED BY
R. M. Light, Jr.

By _____

Title Area Engineer