



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. SF-077968
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 April 28, 19 61

Well No. 10 is located 660 ft. from S line and 810 ft. from E line of sec. 16

SE/4 of Section 16 T-28-N R-13-W N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Cha Cha Gallup
(Field)

San Juan
(County or Subdivision)

New Mexico
(State or Territory)

MAY 1 1961

The elevation of the derrick floor above sea level is 6077 ft. (RDS)

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 5840' plug back depth 5801'. Ran correlation log and perforated with 4 shots per foot 5743-5759'. Sand oil fracked with 10,930 gallons oil with 25 pounds per 1000 gallons of Adomite Mark II and 10,000 pounds sand. No breakdown pressure, Maximum treating pressure 2600 psi, minimum treating pressure 2500 psi, average injection rate 28 barrels per minute. Ran retrievable bridge plug and set at 5715'. Tested 4-1/2" casing with 3000 psi for 15 minutes, which held with no indication of pressure drop. Perforated upper Gallup with 6 shots per foot 5691-5698'. Sandoil fracked with 20,600 gallons oil with 2 gallons G-15 and 50 pounds Adomite Mark II per 1000 gallons, and 20,000 pounds sand. Spearheaded with 5 gallons G-15 and 5 gallons I-5 additives in first 1000 gallons. Pumped in at 1400 psi with Maximum treating pressure 2700 psi, minimum treating pressure 2500 psi, average treating pressure 2600 psi, average injection rate 28 barrels per minute. Retrieved bridge plug. Landed 2-3/8" tubing at 5779'. Completed April 28, 1961, as flowing oil well Cha Cha Gallup Field. Potential test April 28, 1961, flowed 203 barrels of oil in 17 hours on 32/64" choke. Tubing pressure flowing 150 psi, casing pressure flowing 410 psi.

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. Speer, Jr.

ORIGINAL SIGNED BY
R. M. Bauer, Jr.

By

Title Senior Petroleum Engineer