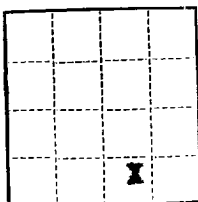


(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Santa Fe**
Lease No. **SP-077968**
Unit **C. J. Holder**



SUNDRY NOTICES AND REPORTS ON WELLS

RECEIVED
JUN 10 1961

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 **June 7**, 19 **61**

Well No. **9** is located **660** ft. from **S** line and **1980** ft. from **E** line of sec. **9**

34 1/4 38 1/4 of Section **9** **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 **5993** 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.)
Perforated Lower Gallup 5715-5726' with 4 shots per foot. Frased these perforations with 10,000 gallons oil containing 250 pounds of Adomite Mark II and 10,000 pounds sand. Pressures were - Breakdown 3400-2000, maximum 3400, minimum 3100, Average injection rate 26 barrels per minute. Set retrievable bridge plug at 5685'. Perforated upper Gallup 5655-5662' with 6 shots per foot. Frased these perforations with 21,300 gallons oil containing 50 pounds Adomite Mark II, 8 gallons J-105 per 1000 gallons and 15,000 pounds sand. Pressures were - Breakdown 3200, maximum 3100, minimum 2600, average injection rate 27 barrels per minute. 2" tubing landed at 5754'. Completed June 1, 1961, as flowing Cha Cha Gallup Field Development well. Potential test - Flow 170 barrels oil in 20 hours on 30/64" choke.

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

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**