



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4  
Approval expires 12-31-60.

Land Office Santa Fe  
Lease No. SE 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 - December 28, 1960

Well No. 3 is located 680 ft. from IN line and 810 ft. from E line of sec. 8  
SE 1/4 SE 1/4 of Section 8 T-28-N R-13-E N.W.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 6034 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)

Plug back depth 5781' - Attempted to run correlation log. Hole bridged at 5698'.  
Cleaned bridge. Hole free to 5781'. Attempted to re-run correlation log. Hole  
bridged at 5734'. Reverse circulated out 1/2 barrel mud, acid and little sand. Cleaned  
out to 5781'. Respotted 300 gallons BDA on bottom. Ran correlation log. Perforated  
lower Gallup with 4 shots per foot 5736 - 5748'. Sandoil fracked with 32,400 gallons  
oil and 16,200 pounds sand. Frac oil mixed with adomite Mark II at 25 pounds per  
gallon oil. No breakdown pressure. Pumped in at 3000 psi. Average treating pressure  
3000 psi. Injection rate 32 barrels per minute. Five minute shut-in pressure 900 psi.  
landed 2" tubing at 5772'. Completed December 27, 1960 as flowing oil well Cha Cha  
Gallup Field. Potential test December 27, 1960 flowed 232 barrels oil per day on  
22/64" choke. Gravity 44.7° API. Tubing pressure flowing 210 psi, Casing pressure  
flowing 980 psi. Top pay Gallup 5677'.

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. G. Speer, Jr.

ORIGINAL SIGNED BY  
R. M. Bauer, Jr.

By

Title Area Engineer