

(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. 51-185912
Unit Wood Oil Unit

SUNDRY NOTICES AND REPORTS ON WELLS

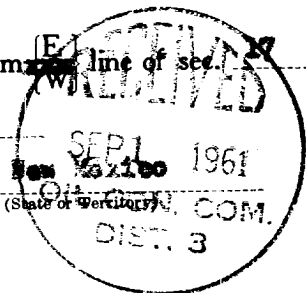
NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING 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)

Wood Oil Unit

Farmington, New Mexico August 30, 1961

Well No. 1 is located 950 ft. from 1-29-N line and 660 ft. from R-14-W line of sec. 17
SE/4 SE/4 of section 17 7-29-N R-14-W N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Cha Cha Gallup San Juan
(Field) (County or Subdivision) (State or Territory)



The elevation of the derrick floor above sea level is 5174 ft.

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)

The above well was completed in the upper Gallup sand in the following manner:

1. Moved in culline unit and killed well with salt water.
2. Pulled tubing and set retrievable bridge plug at 4665'.
3. Pulled tubing and perforated upper Gallup with 6 shots per foot 4639-4646'.
4. Sand oil fracked with 22,000 gallons oil containing 50 pounds per 1000 gallons Adomite Mark II and 3000 gallons oil spearhead containing 50 pounds per 1000 gallons Adomite Mark II and 20,000 pounds sand. Pressures were: breakdown 1950 psi; maximum treating 2500 psi; minimum treating 1950 psi; average treating 2400 psi. Average injection rate 38 barrels per minute.
5. Total depth 4785, plug back depth 4735'. Completed as Cha Cha Gallup field Development well August 26, 1961. Potential test August 25, 1961, flowed 454 barrels of oil per day on 1" choke. Tubing pressure flowing 90 psi and casing

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

(see reverse side)

Company Pan American Petroleum Corporation

Address P. O. Box 420

Farmington, New Mexico

Attn: L. G. Spear, Jr.

ORIGINAL SIGNED BY
R. M. Bauer, Jr.

By _____

Title Senior Petroleum Engineer

Pressure flowing 450 psi on 36/64" choke. Estimated allowable 222 barrels of oil per day effective August 10, 1961.