



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency _____
Navajo Tribal
Allottee _____
Lease No. **14-20-603-2199**
Navajo Tribal "E"

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 REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	E
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)

Navajo Tribal "E"

Farmington, New Mexico September 22, 1961

Well No. **2** is located **1870** ft. from **N** line and **1870** ft. from **E** line of sec. **22**

SW 1/4 NE 1/4 of Section 22 T-29-N R-14-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 **5200** ft. (RDB)

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate snudding jobs, cementing points, and all other important proposed work)

In order to repair the above wells poor producing characteristics we performed the work listed below:

1. Moved on workover unit and drilled cement to 4954'.
2. Ran correlation log and cut notches at 4940'.
3. Fracked down 4-1/2" casing with 14,400 gallons petrejel containing 25 pounds Adomite Mark II and 15 pounds T-3 per 1000 gallons and 15,000 pounds sand. No breakdown pressure, pumped in at 2350 psi, maximum treating 3500 psi, minimum treating 2600 psi, average treating 3400 psi. Average injection rate 22 barrels per minute. Dropped 2 sets of 15 ball sealers at 2 and 5 minutes after starting frac.
4. Cleaned out sand to 4954' and ran tubing to 4923'.
5. Recovered all lost oil.
6. Preliminary test September 19, 1961, pumped 33 barrels oil in 24 hours.

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 460**

Farmington, New Mexico

Attn: L. O. Spear, Jr.

ORIGINAL SIGNED BY

By **R. M. Bauer, Jr.**

Title **Senior Petroleum Engineer**

14-45" strokes per minute 1-1/2" pump.