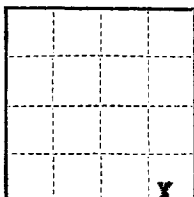


(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency
Window Rock, Arizona
Allottee N. Navajo
Lease No. 14-20-609-65



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.....
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.....	
Notice of Intention to Perforate X	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Navajo

Farmington, New Mexico February 7, 1962

Well No. 4 is located 660 ft. from S line and 660 ft. from E line of sec. 5

SE 1/4 SE 1/4 Section 5
(1/4 Sec. and Sec. No.)

T. 31 N
(Twp.)

R. 17 W
(Range)

N.M.P.M.
(Meridian)

Horseshoe Gallup
(Field)

San Juan
(County or Subdivision)

New Mexico
(State or Territory)

The elevation of the derrick floor above sea level is 5295 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)

Navajo No. 4 was originally completed in a perforated interval 1095-1128 below the main Gallup sand. The well was converted to a water injection service March 25, 1961, by pulling rods and tubing and installing a 4 1/2" x 2" swage and 2" orbit valve on well head.

In order to improve water injectivity, we propose to perforate the main Gallup sand 1086-1092, wash or flush the zone if necessary, and return the well to water injection duty.

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 P. O. Box 480

Farmington, New Mexico

By

Attn: L. O. Spear, Jr.

Title Senior Petroleum Engineer

Proposed procedure discussed by
Mr. Ward and Mr. Bauer.

