

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency _____

Navajo Tribal

Allottee _____

Lease No. 14-20-403-2190

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	<input type="checkbox"/>
NOTICE OF INTENTION TO CHANGE PLANS	<input type="checkbox"/>	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	<input type="checkbox"/>
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	<input type="checkbox"/>	SUBSEQUENT REPORT OF ALTERING CASING	<input type="checkbox"/>
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	<input type="checkbox"/>	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	<input type="checkbox"/>
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	<input type="checkbox"/>	SUBSEQUENT REPORT OF ABANDONMENT	<input type="checkbox"/>
NOTICE OF INTENTION TO PULL OR ALTER CASING	<input type="checkbox"/>	SUPPLEMENTARY WELL HISTORY	<input type="checkbox"/>
NOTICE OF INTENTION TO ABANDON WELL	<input type="checkbox"/>		

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

Navajo Tribal "N"

Farmington, New Mexico July 26, 1961

Well No. 15 is located 210 ft. from [S] line and 2190 ft. from [E] line of sec. 23

SW/4 SE/4 of Section 23 T-29-N R-14-W N.M.P.M.

Cha Cha Gallup
(Field)

San Juan

(County or Subdivision)

New Mexico

(State or Territory)

The elevation of the derrick floor above sea level is _____ ft. (To be reported later)

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)

We propose to drill the above well to approximately 5300' to test and develop productive Gallup zones. Stimulation will be as indicated upon penetration of Gallup pay. Rotary tools will be used to total depth. Casing program as follows:

SIZE	DEPTH	QUANTITY	REMARKS
3-5/8"	200'	200 sacks	Test - circulate.
4-1/2"	5300'	200 sacks	6 percent gel cement with 75 sacks rest on bottom.

Copies of location plots attached. A copy of any survey taken will be submitted upon completion of well.

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

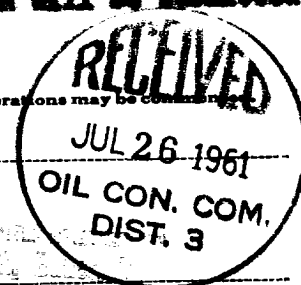
Address P. O. Box 480

Farmington, New Mexico

Attn: L. O. Spear, Jr.

By

Title Senior Petroleum Engineer



UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

MINERAL RESOURCES AND RESERVES

The following table shows the estimated quantities of the various minerals and metals in the United States, based on the best available information. The quantities are given in millions of tons, unless otherwise indicated. The figures are based on the best available information, and are subject to change as more information becomes available. The quantities are given in millions of tons, unless otherwise indicated. The figures are based on the best available information, and are subject to change as more information becomes available.

100

Estimated quantities of minerals and metals in the United States, based on the best available information. The quantities are given in millions of tons, unless otherwise indicated. The figures are based on the best available information, and are subject to change as more information becomes available.

Estimated quantities of minerals and metals in the United States, based on the best available information. The quantities are given in millions of tons, unless otherwise indicated. The figures are based on the best available information, and are subject to change as more information becomes available.

Estimated quantities of minerals and metals in the United States, based on the best available information. The quantities are given in millions of tons, unless otherwise indicated. The figures are based on the best available information, and are subject to change as more information becomes available.

Estimated quantities of minerals and metals in the United States, based on the best available information. The quantities are given in millions of tons, unless otherwise indicated. The figures are based on the best available information, and are subject to change as more information becomes available.

MINERAL RESOURCES AND RESERVES

The following table shows the estimated quantities of the various minerals and metals in the United States, based on the best available information. The quantities are given in millions of tons, unless otherwise indicated. The figures are based on the best available information, and are subject to change as more information becomes available.

The following table shows the estimated quantities of the various minerals and metals in the United States, based on the best available information. The quantities are given in millions of tons, unless otherwise indicated. The figures are based on the best available information, and are subject to change as more information becomes available.

The following table shows the estimated quantities of the various minerals and metals in the United States, based on the best available information. The quantities are given in millions of tons, unless otherwise indicated. The figures are based on the best available information, and are subject to change as more information becomes available.

The following table shows the estimated quantities of the various minerals and metals in the United States, based on the best available information. The quantities are given in millions of tons, unless otherwise indicated. The figures are based on the best available information, and are subject to change as more information becomes available.

The following table shows the estimated quantities of the various minerals and metals in the United States, based on the best available information. The quantities are given in millions of tons, unless otherwise indicated. The figures are based on the best available information, and are subject to change as more information becomes available.

NEW MEXICO OIL CONSERVATION COMMISSION

Well Location and Acreage Dedication Plat

SECTION A.

Date July 24, 1961

Operator Pan American Petroleum Corporation Lease Navajo Tribal "H"
 Well No. 15 Unit Letter Q Section 23 Township 29 North Range 14 West NMPM
 Located 510 Feet From South Line, 2130 Feet From East Line
 County San Juan G. L. Elevation To Report Later Dedicated Acreage 80 Acres
 Name of Producing Formation Gallup Pool Cha Cha Gallup

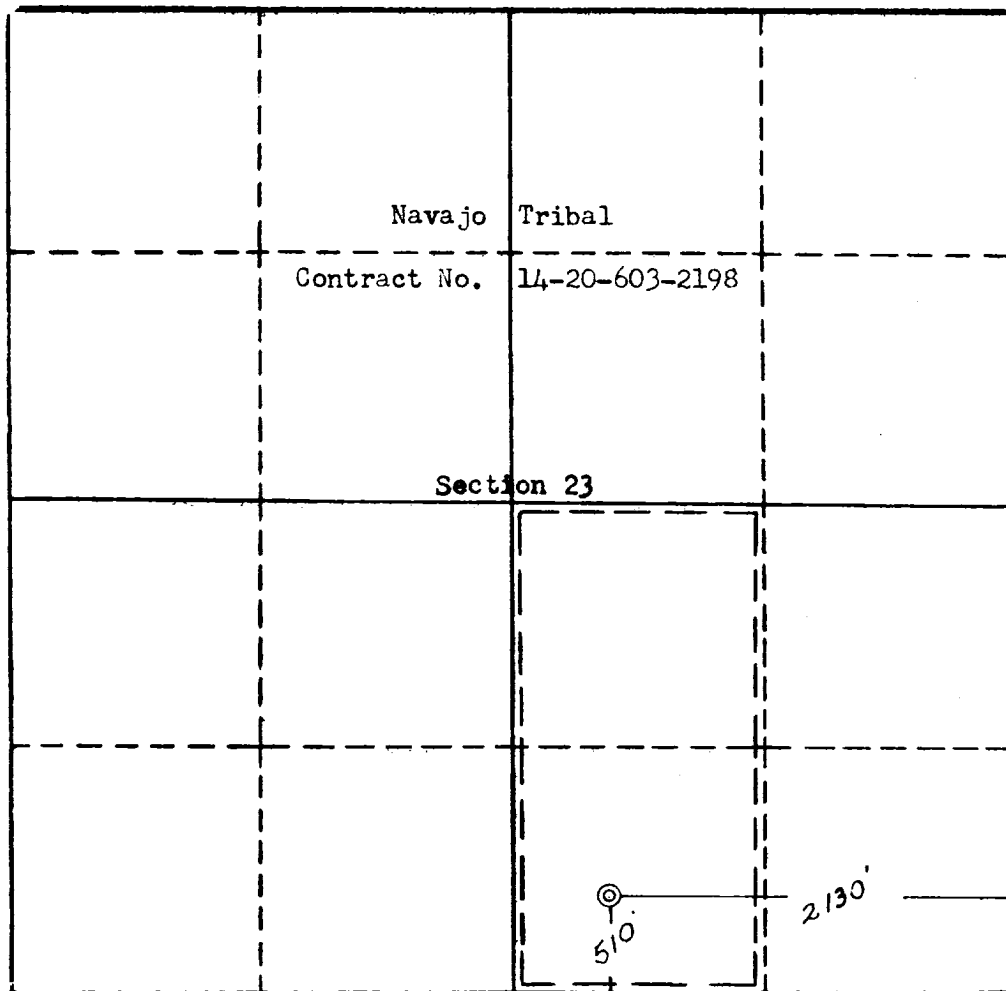
1. Is the Operator the only owner* in the dedicated acreage outlined on the plat below? Yes ☒ No ☐
2. If the answer to question One is "No," have the interests of all the owners been consolidated by communization agreement or otherwise? Yes ☐ No ☐ If answer is "Yes," Type of Consolidation _____
3. If the answer to question Two is "No," list all the owners and their respective interests below:

OWNER

LAND DESCRIPTION



SECTION B.



This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

Pan American Petroleum Corp.
OPERATOR

R. M. Bauer, Jr.
R. M. Bauer, Jr.
IN PRESENCE OF

Box 480, Farmington, New Mexico
ADJUTANT

This is to certify that the well location shown on the plat in Section B was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed July 20, 1961
Four States Engineering Co.
FARMINGTON, NEW MEXICO

E. J. Poter
REGISTERED ENGINEER OR
LAND SURVEYOR

Certificate No. 3084

