

(SUBMIT IN TRIPLICATE)

Indian Agency _____

UNITED STATES

Navajo Tribal

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. **14-20-603-5033**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL _____	SUBSEQUENT REPORT OF WATER SHUT-OFF 2-5/8"	X
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 _____	X
NOTICE OF INTENTION TO ABANDON WELL _____		

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

Navajo Tribal "FW"

Farmington, New Mexico **June 11, 1963**

Well No. **1** is located **790** ft. from **[N]** line and **790** ft. from **[W]** line of sec. **8**

SW/4, SW/4, Section 8
(1/4 Sec. and Sec. No.)

T-24N
(Twp.)

R-18W
(Range)

N.M.P.M.
(Meridian)

Wildcat
(Field)

San Juan
(County or Subdivision)

The elevation of the derrick floor above sea level is **5420** ft.

DETAILS OF WORK

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

Well spudded May 1, 1963. **2-5/8"** casing was landed at 1527' and cemented with 350 sacks regular cement containing 4% gel and 1-1/2# Tuf Plug per sack and 50 sacks of neat cement. Casing tested 1000 psi and held ok.

Core No. 1 - 6344-6394' recovered 50' as follows: 23' lime, dense, 1-1/2' green shale, 10-1/2' lime, dense, 7' lime, good porosity, odor, 4' lime, dense, 4' lime porous, bleeding oil.

Core No. 2 - 6394-6408' recovered 14' as follows: 8' porous lime with spotty oil stains and 6' tight lime.

Drill Stem Test No. 1 - 6360-6408' 1/2" bottom hole choke, 1" surface line. To 68 minutes. Gas to surface in 28 minutes. Water to surface 3/4 minutes. 1" surface line plugged off and lost circulation material. Shut in 25 minutes unplugging surface line. Flowed gaseous salt water in 40 minutes. Trace oil on first water flow. No show oil afterwards.

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

(SEE REVERSE)

Company **Pan American Petroleum Corporation**

Address **P. O. Box 480**

Farmington, New Mexico

Attn: **L. O. Speer, Jr.**

ORIGINAL SIGNED BY
F. H. HOLLINGSWORTH

By _____

Title **Petroleum Engineer**

Estimated flow 1 barrel salt water per minute. Initial 30 minute bottom hole pressure shut in 3210, bottom hole pressure flowing 1095-3210. Final 1 hour bottom hole pressure shut in 3210. Hydrostatic in 4030 - out 4020. Bottom hole temperature 17.0° F.

Drill Stem Test No. 2 - 6665-6785, Muskegonian. To 1-1/2 hours - Fair blow through - No odor and non-flammable and to small to measure. Recovered 60' slightly gas out and. Bottom hole pressures were 30 minute initial shut in 3300, flowing pressure 40-80, 60 minute final shut in 1965, hydrostatic in 3900 and out 3830. Bottom hole temperature 14.5° F.

Drill Stem Test No. 3 - 6782-6836, Devonian. To 1-1/2 hour. Very weak blow air and died in 10 minutes. Recovered 10' and. No show. Bottom hole pressures were 30 minutes initial shut in 50, flowing pressure 30-30, 30 minutes final shut in 30, hydrostatic in 4155 and out 4155. Bottom hole temperature 14.5° F.

Drill Stem Test No. 4 - 7090-7148 To 2-1/2 hours. Fair blow air throughout test. No flammable gas. Recovered 7100' fluid consisting of 350' salt water and 6750' salt water. Initial shut in pressure 3645 psi, initial flowing pressure 670, final flowing pressure 2500, final shut in pressure 3215, hydrostatic in 4650 and out 3995, bottom hole temperature 16.0° F.

Run logs. Well drilled to a total depth of 7145'.