

(SUBMIT IN TRIPLICATE)

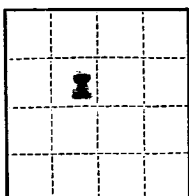
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency _____

Navajo Tribal

Allottee _____

Lease No. **14-20-603-2029**



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 | |

RECEIVED

SEP 21 1959

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

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

South Chimney Rock Navajo

Farmington, New Mexico-September 22, 1959

Well No. **1** is located **1980** ft. from **N** line and **1880** ft. from **W** line of sec. **10**

N/A of Section 10
(1/4 Sec. and Sec. No.)

T-30N
(Twp.)

R-17W
(Range)

N.M.P.M.
(Meridian)

Wildcat
(Field)

San Juan
(County or Subdivision)

New Mexico
(State or Territory)

RECEIVED
SEP 25 1959
OIL CON. COM.
DIST. 3

The elevation of the derrick floor above sea level is **5242** ft. (CL)
5238 (RMS)

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)

On September 8, 1959, perforated casing with 2 shots per foot 641-644. Tried to pump into formation with 2000 psi and oil. Shutted dry and dumped 1 barrel 1% MEA. Formation broke at 2000 psi, injection rate 2-3-1/2 barrels per minute. Pumped in 95 barrels oil 5 minute shut-in pressure 900 psi. Opened well and well flowed 34 barrels oil in 1 hour and died. Shutted 11 barrels in 1-1/2 hours. Shutted and bailed hole dry to FSD of 732'. Spotted 100 gallons 1% MEA. Loaded hole with oil. Perforated 2 shots per foot 642-644, 638-644. Pumped 100 barrels oil into formation. Formation broke at 2200 psi. Pump pressure 1700 psi - 1400 psi. Opened well and flowed back 2 barrels oil and died. Shutted well dry. Released rig on September 14, 1959. Well temporarily abandoned on September 14, 1959, by pulling tubing and installing valve on wellhead.

(See reverse side)

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 **Box 457**

Farmington, New Mexico

ATT: L. O. Spear, Jr.

ORIGINAL SIGNED BY
R. M. Bauer, Jr.

By _____

Title _____

Area Engineer

Results of Tests:

Cone No. 1 - Gallup - Recovered 8' of core as follows: 631-631.5 shale and stringers 631.5-632 and 632-635.5 shale, thin sand stringers; 635.5-636.5 sand, medium coarse-grained, few shale stringers, strong oil odor; green oil, 60-75% stain, yellow flux, some irregular porosity. 636.5-639 shale.

Cone No. 2 - 639-637-1/2 - Gallup - Recovered 18-1/2' as follows: 639-644 shale, thin fine-grained sand stringers, 644-646 sand, medium coarse-grained, scattered stain and slight green oil bleed and water show, porous, scattered good odor and water, 646-646-646.5 shale. 646.5-650 sand, medium coarse-grained. Few shale stringers, scattered bleeding oil and water. 650-651 shale and sand, very light. 651-652 sand, medium fine-grained. 652-653 shale with thin sand stringers. 653-655 sand fine medium-grained. 655-657.5 shale with many sand stringers.

