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(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency _____
Hearilla Apache Tribal
Allottee _____
Lease No. **307**

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 | Drill Stem Test X |
| NOTICE OF INTENTION TO ABANDON WELL | | |

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

Pagosa Hearilla

Farmington, New Mexico September 16, 1963

Well No. **1** is located **1030** ft. from **N** line and **1190** ft. from **W** line of sec. **23**

NW/4 NW/4 Section 23
(1/4 Sec. and Sec. No.)

T-32N
(Twp.)

R-3W
(Range)

N.M.P.M.
(Meridian)

Wildcat-Mississippian
(Field)

Rio Arriba
(County or Subdivision)

New Mexico
(State or Territory)

The elevation of the derrick floor above sea level is **6733** ft.

DETAILS OF WORK

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

Drill Stem Test No. 1 - 6834-53 (Entrada) Tool open 1 hour. Dead entire test. Recovered 2 gallons drilling mud. Hydrostatic in 2995, Initial 30 minute bottom hole psi 240, bottom hole pressure flowing 0-0. Final 30 minute bottom hole psi 45. Hydrostatic out 3015. Bottom hole temperature 260° F.

Drill Stem Test No. 2 - 6882-7036 (Entrada) Tool open 1-3/4 hours, good blow air throughout Recovered 534.5' of fluid as follows: 1795' very slightly mud out slightly salty water and 3550' very slightly salty water. Hydrostatic in 2968, out 2968. 30 minute shut in pressure initial 2927, final 2565. Initial bottom hole pressure flowing 457, final 2243. Bottom hole temperature 270° F.

Drill Stem Test No. 3 - 8976-9044 (Pennsylvanian) Tool open 10 minutes and shut in 30 minutes. Weak blow air entire 10 minutes. Tool open 2 hours weak blow air 40 minutes and died. Shut in 30 minutes. Recovered 30' drilling mud. No show, oil, gas, or water. Hydrostatic in 4166, 30 minute initial bottom hole psi 108, bottom hole pressure flowing 23-22. Final bottom hole psi 30 minutes 22. Hydrostatic out 4123. Bottom hole temperature 260° F.

Company **Pan American Petroleum Corporation**

Fred L. Nabors, District Engineer

Address **P. O. Box 420**

ORIGINAL SIGNED BY
F. H. HOLLINGSWORTH

Farmington, New Mexico

By _____

Title _____

