

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency

Navajo Tribal

Allottee

Lease No. 11-20-60-2198

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 | |

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

Navajo Tribal "H"

Farmington, New Mexico June 26, 1961

Well No. 8 is located 1905 ft. from [S] line and 710 ft. from [E] line of sec. 24

NE 1/4 SE 1/4 of Section 14 T-29-N R-14-W E.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)Totah Gallup
(Field)

San Juan

(County or Subdivision)

New Mexico

(State or Territory)

The elevation of the derrick floor above sea level is 5244 ft. (100)

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)

Core No. 1 4995-4998' - Recovered 33' black shale with occasional sand streaks.
 Core No. 2 4998-4999' - Recovered 24' as follows: 7' shale with vertical fractures;
 1' shaly sand; 11' sand with gas filled shale nodules throughout with oil and gas
 bleeds at 4995' and 4998'. Vertical fractures 4993-4997'; 5' shale.

Total depth 5033', Plug back depth 4989' -- Set 4-1/2" casing at 5033 with 125
 sacks cement containing 6 percent gel and 1-1/2 pounds medium tat plug per sack
 followed by 75 sacks neat cement. Tested casing with 3000 pounds pressure, which
 held with no indication of pressure drop. Displaced cement with 21 barrels of oil.
 Redressed rig June 24, 1961.

Run correlation log. Perforated with 6 shots per foot 4993-4998'. Spearheaded
 fracs with 1000 gallons oil containing 50 pounds Alkoxide Mark II. Sand oil fractured

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

(See reverse side)

Address Box 480

Farmington, New Mexico

Attn: L. O. Spear, Jr.

ORIGINAL SIGNED BY

R. M. Bauer, Jr.

By

Title Senior Petroleum Engineer

