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(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency

Navajo Tribal

Allottee

Lease No. Navajo Tribal
Contract No. 146

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..... (none)
NOTICE OF INTENTION TO ABANDON WELL.....	

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

Navajo Contract 146

Farmington, New Mexico

June 20, 1961

Well No. 11 is located 1510 ft. from S line and 1620 ft. from W line of sec. 4

N 1/4 Sec. 4
(1/4 Sec. and Sec. No.)

T-23-N
(Twp.)

R-5-W
(Range)

N.M.P.M.
(Meridian)

Basin Dakota
(Field)

Rio Arriba
(County or Subdivision)

New Mexico
(State or Territory)

The elevation of the derrick floor above sea level is 6650 ft.

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)

Core No. 1. 3750-3816' Chasera. Recovered 60' as follows: 10' shale, 4' sandy shale, 4-1/2' shaly sand, 9-1/2' sand and occasional shale stringers, 5' fine grained sand with good porosity and fair permeability, 19' shaly sand, 3' shale, 5' shaly sand.

Total depth 7464'. 4-1/2" casing set at 7464' with stage collar at 3909'. First stage cemented with 350 sacks 6 percent gel cement containing 1-1/2 pounds tuf plug per sack followed by 100 sacks neat cement. Tested 3000 psi. Test ok. Second stage cemented with 350 sacks 6 percent gel cement. Tested 3000 psi. Test ok. Wait on cement 20 hours, drill out stage collar. Tested 4-1/2" casing with 1500 psi for 15 minutes with no drop in pressure.

Waiting on completion unit.

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

Company Pan American Petroleum Corporation

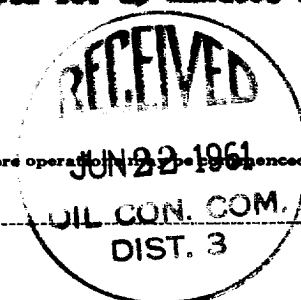
Address Box 480

Farmington, New Mexico

Attn: L. O. Spear, Jr.

By ORIGINAL SIGNED BY

Title Senior Petroleum Engineer



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