

RECEIVED

MAY 10 1961

OIL CON. COM.
DIST. 3

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency

Navajo Tribal

Allottee

Lease No. 11-02-003-2190

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	4-1/2" I
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	I
NOTICE OF INTENTION TO ABANDON WELL	Core Results	I

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

Navajo Tribal "B"

Farmington, New Mexico - May 1, 1961

Well No. 2 is located 510 ft. from [N] line and 1000 ft. from [E] line of sec. 13

SW/4 SE/4 of Section 13
(1/4 Sec. and Sec. No.)T-22-N
(Twp.)R-14-W
(Range)N.M.P.M.
(Meridian)Tatch Gallup
(Field)San Juan
(County or Subdivision)New Mexico
(State or Territory)

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The elevation of the derrick floor above sea level is 5327 ft. (MSL)

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 5001 - 5052 Gallup - Recovered 51' as follows: 3' black shale, 5' sandy shale, 17' black shale and occasional sand laminations, 24' silty sand, last 2' slightly sandy.

Core No. 2 5052 - 5060 Gallup - Recovered 16' as follows: 1' sandy shale, 2' shaly sand, 4' silty sand with occasional thick shale stringers, 4' medium grained sand, good porosity and permeability with good bleed and other with vertical fractures. 3' tighter sand, good bleed and other with vertical fractures, 2' black shale.

Total depth 5150' Plug back depth 5112' - Set 4-1/2" casing at 5147' with 125 sacks of gel cement containing 1-1/2 pounds medium turf plug per sack, followed by 75 sacks neat cement. Displaced with 300 gallons 25% HMA and 75 barrels oil. Tested casing with 3000 psi, which held with no indication of pressure drop. Released rig April 30, 1961.

Perforated Gallup with 6 shots per foot 5052-5060. Attempted to breakdown with 3400 psi, but formation would not breakdown. Displaced HMA and spotted 300 gallons acid. Acid set

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

Company PAN AMERICAN PETROLEUM CORPORATION

Address P. O. BOX 400

FARMINGTON, NEW MEXICO

ATTN: L. O. SPENCER, JR.

ORIGINAL SIGNED BY

R. M. Bauer, Jr.

By

Title Senior Petroleum Engineer

DETAILS OF WORK CONT'D

on formation 14 hours. Proceeded treatment with 1000 gallons oil containing 5 gallons G-15 with 5 gallons I-5 additives. Sandall treated with 21,000 gallons oil containing 50 pounds admite Mark II with 2 gallons G-15 per 1000 gallons and 20,000 pounds sand. Breakdown pressure 1500-1800 psi, Maximum treating pressure 2500 psi, Minimum treating pressure 2200 psi, Average treating pressure 2300 psi, Average Injection rate 31 barrels per minute. Instant shut in pressure 1050 psi. Landed 2-3/8" tubing at 5082'. First new oil produced May 5, 1961. Currently taking potential test which will be reported on final log.