

*True file  
12 Nov 1961*

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF NEW MEXICO FOR  
THE PURPOSE OF CONSIDERING:

CASE No. 2347  
Order No. R-2050

APPLICATION OF PAN AMERICAN PETROLEUM  
CORPORATION FOR TWO NON-STANDARD OIL  
PRORATION UNITS, SAN JUAN COUNTY, NEW  
MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on August 9, 1961, at Santa Fe, New Mexico, before Daniel S. Nutter, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 29th day of August, 1961, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Daniel S. Nutter, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Pan American Petroleum Corporation, is the owner of 165.12 acres consisting of that portion of the N/2 of Section 14, Township 29 North, Range 14 West, NMPM, San Juan County, New Mexico, lying South of the mid-channel of the San Juan River.

(3) That the applicant seeks the establishment of two non-standard oil proration units in the Totah-Gallup Oil Pool, one unit consisting of the East 82.56 acres and one unit consisting of the West 82.56 acres of the above-described tract. The East and West 82.56-acre units are to be dedicated to applicant's Navajo Tribal "H" Well No. 11, located 2090 feet from the North line and 1840 feet from the East line of said Section 14 and to applicant's Navajo Tribal "H" Well No. 12, located 1830 feet from the North line and 810 feet from the West line of said Section 14, respectively.

(4) That the entire 165.12-acre tract is presumed to be productive of oil from the Totah-Gallup Oil Pool.

(5) That approval of the subject application will neither cause waste nor impair correlative rights.

IT IS THEREFORE ORDERED:

(1) That two non-standard oil proration units in the Totah-Gallup Oil Pool are hereby established, one unit consisting of the East 82.56 acres and one unit consisting of the West 82.56 acres of that portion of the N/2 of Section 14, Township 29 North, Range 14 West, NMPM, San Juan County, New Mexico, lying South of the mid-channel of the San Juan River. The East and West 82.56-acre units are to be dedicated to applicant's Navajo Tribal "H" Well No. 11, located 2090 feet from the North line and 1840 feet from the East line of said Section 14 and to applicant's Navajo Tribal "H" Well No. 12, located 1830 feet from the North line and 810 feet from the West line of said Section 14, respectively.

(2) That the allowable which will be assigned to each proration unit shall bear the same ratio to a standard allowable in the Totah-Gallup Oil Pool as 82.56 bears to 80.

(3) That in the event an official survey changes the amount of acreage in the subject tract now comprising 165.12 acres, the acreage to be allocated to each unit for allowable purposes shall be one-half of the acreage in the tract according to the change.

(4) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

EDWIN L. MECHEM, Chairman

E. S. WALKER, Member

A. L. PORTER, Jr., Member & Secretary

S E A L

esr/

(SUBMIT IN TRIPLICATE)

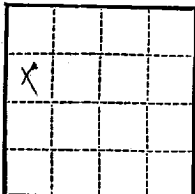
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Indian Agency \_\_\_\_\_

Navajo Tribal

Allottee \_\_\_\_\_

Lease No. 14-22-603-2198



## SUNDRY NOTICES AND REPORTS ON WELLS

|   |  |        |   |
|---|--|--------|---|
| NOTICE OF INTENTION TO DRILL                  | SUBSEQUENT REPORT OF WATER SHUT-OFF        | 4-1/2" | X |
| 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                 | Care   | X |
| NOTICE OF INTENTION TO ABANDON WELL           |  |        |   |

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

Navajo Tribal "B"

Farmington, New Mexico October 5, 19 61

Well No. 12 is located 1830 ft. from [N] line and 610 ft. from [W] line of sec. 14

34 1/4 34 1/4 of Section 14 T-29-N R-14-W N.M.P.M.  
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Total Gallup San Juan Navajo  
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5214 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 Gallup 4885'. Recovered 90' as follows: 2' shale; 1-1/2' shaly sand; 3-1/2' sand and shale nodules; 2-1/2' sand, low porosity and permeability; 40-1/2' shale. Core vertically fractured at 4885-4888' and 4893-4912.

Set 4-1/2" casing at 9016' with 125 sacks of 6 percent Gel cement containing 1-1/2 pounds medium Tuf Plug per sack followed by 75 sacks of neat cement. After waiting on cement tested 4-1/2" casing with 3000 psi for 15 minutes, which held with no indication of pressure drop. Cemented second stage with 400 sacks 6 percent Gel cement containing 1-1/2 pounds medium Tuf Plug per sack, with TV tool set 3981'. After waiting on cement, tested 4-1/2" casing with 3000 psi for 15 minutes, which held with no indication of pressure drop. Drilled TV tool at 3981' and cleaned out to bottom. Displaced mud and water and tested 4-1/2" casing, with 1200 psi for 15 minutes with no indication of pressure drop. Left tubing in hole at 4960'. Released rig October 4, 1961. Preparing for completion operations.

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 480, Farmington, New Mexico

Attn: L. O. Spear, Jr.

ORIGINAL SIGNED BY

By R. M. Bauer, Jr.

Title Senior Petroleum Engineer