

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

**Jicarilla Tribal**

Allottee \_\_\_\_\_

Lease No. **Jicarilla Tribal**  
Contract **155**

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|  |   |  |
|  | X |  |
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SUNDRY NOTICES AND REPORTS ON WELLS

|   |  |   |
|---|--|---|
| NOTICE OF INTENTION TO DRILL _____                  | SUBSEQUENT REPORT OF WATER SHUT-OFF _____        | 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 _____                 |   |
| NOTICE OF INTENTION TO ABANDON WELL _____           | <b>RESULTS OF CORES</b>                          | X |

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

**Jicarilla Contract 155**

**Farmington, New Mexico February 24, 1961**

Well No. **12** is located **1700** ft. from **S** line and **1890** ft. from **W** line of sec. **32**

**NE/4 SW/4 Section 32**

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

**T-26-N**

(Twp.)

**R-5-W**

(Range)

**N.M.P.M.**

(Meridian)

**Basin Dakota Field**

(Field)

**Rio Arriba**

(County or Subdivision)

**New Mexico**

(State or Territory)

The elevation of the derrick floor above sea level is **6669** ft. (RDS)

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 6889-6915 Gravelos -- Core barrel jammed. Recovered 26' as follows: 10' broken black shale, 1 1/2' bentonite, 1/2' fracture shale, 2 1/2' sandy shale with black shale stringers, 11 1/2' tight silty sand with occasional vertical fractures, strong odor.

Core No. 2 6915-6929 Gravelos -- Core barrel jammed. Recovered 14' tight silty sand with some shale stringers, specks, and globules, and occasional vertical fractures, slight to strong odor throughout.

Core No. 3 6929-6939 Gravelos -- Recovered 30' as follows: 7' silty sand with fair odor, 2' shaly sand, 21' sandy shale to shale.

Total depth 7250' plug back depth 7212' -- Run Electric Log. Set 4 1/2" casing at 7248' with 2 stage tool at 5736'. Cemented first stage with 400 sacks 6 per cent gel cement

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**

Address **Box 480**

**Farmington, New Mexico**

Attn: **L. O. Speer, Jr.**

ORIGINAL SIGNED BY

By **R. M. Bauer, Jr.**

Title **Senior Petroleum Engineer**

with 16 pounds medium wet plug per sack, followed by 100 sacks neat cement. Cemented second stage with 375 sacks 6 per cent gel cement. Dumped plugs with 3000 psi which held with no indication of pressure drop. Drilled 2 stage tool and stemmed out to 7212'. Displaced and with water. Released 16 February 19, 1961. Preparing for completion operations.