



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Santa Fe  
Lease No. SP 075704  
Unit Gallegos Canyon Unit

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 RE-DRILL OR REPAIR WELL..... | SUBSEQUENT REPORT OF RE-DRILLING 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.....            | Core Results.....                               |

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

Gallegos Canyon Unit

Farmington, New Mexico

April 26, 1962

Well No. 125 is located 1890 ft. from N line and 1650 ft. from E line of sec. 24  
NE 1/4 NW 1/4 of Section 24 T-28-N R-12-W N.M.P.M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Undesignated Gallup San Juan New Mexico  
(Field) (County or Subdivision) (State or Poss.)

The elevation of the derrick floor above sea level is 5046 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)

Gallegos Canyon Unit Well No. 125

Core No. 1 5642-5678 Gallup formation - Recovered 36' as follows: 12 1/2' black shale with thin sand laminations throughout with slight oil bleeds 5643-46, and 5648-54 1/2 with vertical fractures 5648-54 1/2. 1' sandy shale and 22 1/2' black shale with thin sand laminations throughout with slight oil bleeds 5655 1/2-58, 5668-73 and 5673-76 with vertical fractures 5655 1/2-58 and 5662-68.

Core No. 2 5678-85 - Core barrel jammed. Recovered 7' as follows. 7' black shale with occasional thin sand streaks. Vertical fractures 5678-80.

Core No. 3 5685-5709 - Core barrel jammed. Recovered 24' as follows: 8' black shale with thin sand laminations. Bentonite stringer at 5691'. 1 1/2' sandy shale with vertical fractures 2 1/2' black shale. Bentonite stringer at 5703 1/2', 4' medium grained sand with pebble size shale nodules, highly broken with good odor and (over)

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 P. O. Box 430

Farmington, New Mexico

Attn: L. O. Spear, Jr.

ORIGINAL SIGNED BY  
R. M. Bauer, Jr.

By Senior Petroleum Engineer  
Title

1 1/2' black shale with vertical fracture.

Core No. 4 5709-5726'. Recovered 14' black shale with thin scattered sand laminations. Highly broken with vertical fractures throughout.

Reduced hole size from 7 3/4" to 7 5/8" at 5723' and drilled to 5780'. Ran log. Drilled to 5800' and laid down drill pipe. Landed 4 1/2" casing at 5799' with Baker Model T-C stage collar at 2021'. Cemented first stage with 125 sacks 4½ gal liner cement with 1 1/2 pounds per sack medium Tuf Plug, followed by 75 sacks neat cement. Tested casing with 3000 psi for 10 minutes which held with no indication of pressure drop. Failed on cement for 4 hours. Cemented second stage with 165 sacks 4½ gal liner cement with 1 1/2 pounds per sack medium Tuf Plug. Displaced second stage with 2 barrels water over calculated displacement. Closed T-C tool and tested casing with 3000 psi for 20 minutes which held with no indication of pressure drop. Released rig April 23, 1962. Preparing for completion operations.