

**(SUBMIT IN TRIPLICATE)**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office **Santa Fe**  
Lease No. **SF-077966**  
**Calleges Canyon**  
Unit **Unit - Dakota**

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	MAY 4 1964
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	U. S. GEOLOGICAL SURVEY
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	FARMINGTON, N. M.
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		

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

Farmington, New Mexico April 29 1964

## Gallegos Canyon Unit-Dakota

Well No. 155 is located 990 ft. from S line and 1700 ft. from W line of sec. 23

SE/4 SW/4 Section 23

T-28-N R-13-W

**NMFS**

( $\frac{1}{4}$  Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

## East Dakota

**SAN JUAN**

## How Not

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(Field)

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(County or Subdivision)

(State or Territory)

The elevation of the derrick floor above sea level is 6093 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)

The above well was spudded on April 1, 1964 and drilled to a depth of 365'. 8 5/8" casing was set at 364' with 225 sacks cement containing 8% calcium chloride. Cement circulated to surface. After waiting on cement casing was tested with 500 psi. Test ok. Hole size reduced to 7 7/8" and resumed drilling.

Well was drilled to a total depth of 6475'. 4 1/2" casing was set at that depth with stage collar set at 4555. First stage cemented with 400 sacks cement containing 6% gel, 2 pounds Tuf Plug per sack followed by 100 sacks neat cement. Second stage cemented with 1100 sacks cement containing 6% gel and 2 pounds Tuf Plug per sack. Cement circulated to surface. After waiting on cement tested casing with 3500 psi. Test ok.

Perforated 6370-96 with 2 shots per foot. Fractured these perforations with 39,910

**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

**Fred L. Nabors District Engineer**

Address **P. O. Box 480**

**Farmington, New Mexico**

ORIGINAL SIGNED BY  
F. H. HOLLINGSWORTH

Bv

## Title

6315-27 with 4 shots per foot. Had communication and did not track.  
43 BPM. Set bridge plug at 6355 and tested with 3500 psi. Test ok. Perforated  
40,000 pounds sand. Breakdown pressure 1100. Treating 3500. Average injection rate  
gallons water containing 15 calcium chloride, 4 pound PH 4 per 1000 gallons and  
2 3/8" tubing landed at 6312 and well completed April 27, 1964 as Basin Dakota Field  
Development well. Preliminary test 3700 MCF/D.