

		X

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Form Approved.

Land Office Santa Fe
Lease No. SF-080224
Unit Callegos Canyon
No. 160 Unit

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	MAY 11 1964 U. S. GEOLOGICAL SURVEY FARMINGTON, N. M.
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		

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

Farmington, New Mexico May 7, 1964

Callegos Canyon No. 160 Unit

Well No. 1 is located 1850 ft. from N line and 1190 ft. from E line of sec. 27

NE 1/4 SE 1/4 Section 27

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

T-29-N

(Twp.)

R-12-W

(Range)

NMPM

(Meridian)

Basin Dakota

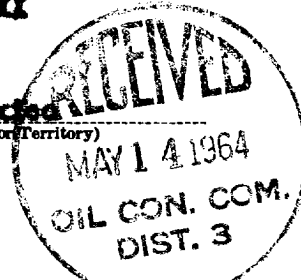
(Field)

San Juan

(County or Subdivision)

New Mexico

(State or Territory)



The elevation of the derrick floor above sea level is 5384 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 14, 1964 and drilled to a depth of 358'. 8 5/8" casing was landed at that depth and cemented with 225 sacks cement. Cement did not circulate. Cemented to surface thru 1" pipe with 25 sacks. After waiting on cement tested casing with 500 psi. Test ok. Reduced hole to 7 7/8" and resumed drilling.

Well was drilled to a total depth of 6032', 4 1/2" casing was set at that depth with two stage tool set at 4189'. Cemented first stage with 400 sacks cement containing 6% gel, 2 pounds medium tuf plug and followed by 100 sacks cement. Cemented second stage with 1100 sacks cement containing 6% gel and 2 pounds medium tuf plug per sack. Cement circulated to surface. After waiting on cement tested casing with 3500 psi. Test ok.

Perforated 5936-60 and 5972-84 with 2 shots per foot. Fractured these perforations

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 480

Farmington, New Mexico

Fred L. Nabors, District Engineer

ORIGINAL SIGNED BY

Fred L. Nabors

By

Title

47,910 Gallons water containing 1% calcium chloride and 4 pounds FR-4 per 1000 Gallons and 50,000 pounds sand. No breakdown pressure. Treating pressure 3125. Average Injection rate 53 BPM. Set bridge plug at 5920. Tested plug with 3500 psi. Test ok. Perforated 5856-68 with 4 shots per foot. Fractured these perforations with 25,110 Gallons water containing additives as above and 20,000 pounds sand. Breakdown pressure 2200. Treating 3325. Average Injection rate 40 BPM.

2 3/8" Tubing landed at 5889 and well completed as Basin Dakota Field Development well May 3, 1964. Preliminary test 10,000 MCPD.