



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office San FeLease No. 97991Unit Cole Gas 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	

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

Cole Gas Unit

Farmington, New Mexico August 8, 1957

Well No. 1 is located 1470 ft. from S line and 1650 ft. from W line of sec. 15SW/4 of Section 15  
(1/4 Sec. and Sec. No.)T-29-N  
(Twp.)R-2-W  
(Range)N.M.P.M.  
(Meridian)Blanco-Mesaverde  
(Field)San Juan  
(County or Subdivision)New Mexico  
(State or Territory)The elevation of the derrick floor above sea level is 5922 ft.

## DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mud log jobs, cementing points, and all other important proposed work)

Workover rig was moved on and tubing was pulled. Hole was then cleaned out with gas to total depth 4930'. A 5" casing liner was set at 4926', top of liner 3935', overall length of liner 993'. Cemented liner with 220 sacks of cement. After waiting on cement for 24 hours, special casing test to 2500 PSI which held with no drop in pressure.

Well was then perforated as follows: two shots per foot 4673-83, 4692-805. These formations were sand water fracked with 50,000 gallons water and 60,000 pounds sand. Formation broke at 2600 PSI. Average injection rate 53 barrels per minute. Set bridge plug at 4250' and tested with 1200 PSI, which held ok. Perforated with two shots per foot: 4120-48, 4166-88, and 4195-4223. Then sand water fracked with 40,000 gallons water and 40,000 pounds sand. Formation broke at 2700 PSI. Average injection rate 46 BPM. Bridged plug was drilled. Preliminary test 8/30/57 3489 MCFFD, Pitot tube measurement.

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 CorporationAddress Box 487Farmington, New MexicoBy [Signature]Title Field Clerk

