



(SUBMIT IN TRIPLICATE)

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

Land Office Santa Fe

Lease No. 37-078139

Unit Elliott Gas Unit "L"

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF <u>8-5/8" 4-1/2"</u>
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 <u>Frac</u> <u>x</u>
NOTICE OF INTENTION TO ABANDON WELL.....	

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

Elliott Gas Unit "L"

Farmington, New Mexico September 13 19 61

Well No. 1 is located 1190 ft. from [N] line and 850 ft. from [E] line of sec. 33

NE/4 NE/4 of Section 33 T-30-N R-9-W H.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Blanco Pictured Cliffs San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5768 ft. (RDB)

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)

Spudded 12-1/4" hole September 4, 1961 and drilled to 223'. Set 8-5/8" casing at 221' with 160 sacks of cement containing 2 percent Calcium Chloride. Circulated 35 sacks of cement. Tested casing with 500 psi for 30 minutes, which held with no indication of pressure drop. Reduced hole to 7-7/8" at 221'. Encountered 2" water flow at 720'.

Set 4-1/2" casing at 2573' with 650 sacks 6 percent Gel cement containing 1-1/2 pounds Tuf Plug per sack followed by 50 sacks of neat cement which shut off water flow. Tested casing with 3000 psi for 15 minutes, held ok.

Spotted 300 gallons MCA on bottom and ran Correlation Log. Perforated Pictured Cliffs with 8 shots per foot 2443-2449'. Sand water fracked with 32,670 gallons of water containing 1 percent Calcium Chloride by weight and 30,000 pounds sand.

Company Pan American Petroleum Corporation (See reverse side)

Address P. O. Box 480

Farmington, New Mexico

Attn: L. O. Speer, Jr.

ORIGINAL SIGNED BY

By R. M. Bauer, Jr.

Title Senior Petroleum Engineer

Pressures were: breakdown 1850-1000 psi; maximum treating 2100 psi; minimum treating 1900 psi; average treating 2000 psi. Average injection rate 51 barrels per minute.

Preliminary test to be reported on final log.