Budget Bureau 42-R358.3.
Approval expires 12-31-55.

Form 9-331a
(Feb. 1951)

APPROVED JAN 8 1954
ACTING DISTRICT ENGINEER

(SUBMIT IN TRIPLICATE)

Land Office Santa Fe
Lease No. 080241
Unit Siegel

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

JAN 5 1954
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

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	X
NOTICE OF INTENTION TO ABANDON WELL			

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

December 31, 1953

Well No. 1 is located 1090 ft. from {N/S} line and 940 ft. from {E/W} line of sec. 32

SW, SW, Section 32 (¼ Sec. and Sec. No.) 30 N (Twp.) 11 W (Range) N.M.P.M. (Meridian)

Aztec Pool (Field) San Juan (County or Subdivision) New Mexico (State or Territory)

The elevation of the derrick floor above sea level is 5928 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)

December 21, 1953. A Lane Wells bridge plug was set at 2,000', and Calseal was dumped on top of the plug. Top of the Calseal was 1974'. The interval from 1915' to 1925' was perforated 4 holes per foot. (3 jet shots per foot and 1 bullet shot per foot). This interval, the Fruitland formation, was treated with 1800# sand, 2000 gallons oil. Broke formation with 1400#. Maximum pressure was 3500#, and the injection rate was 2 barrels per minute. 20 barrels of oil were used in flushing the sand-oil mix into the formation. The interval proved to be non-productive, and on December 23, 1953, the perforations were squeezed off, using a Howco D.M. retainer and 100 sacks of regular cement.

On December 29, 1953, the hole was cleaned out to 2148' G.L. The 5½" casing was at 2141' G.L., leaving 7' of open hole. The natural gage was 22 MCF. A Baker P & T tool was set at 2110' G.L., and 1200# of sand and 2200 gallons of diesel (OVER)

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company El Paso Natural Gas Company

Address P. O. Box 997,
Farmington, New Mexico

By S. Schulein

Title Petroleum Engineer

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oil were mixed and pumped into the hole. This mixture was flushed back into the formation with 20 barrels of oil. The breakdown pressure was 1300#, maximum pressure 1300#, and the injection rate was 3 barrels per minute. Gage after treatment was 139 MCF.