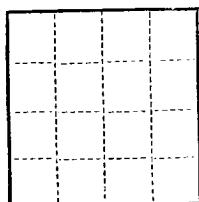


Form 9-331a  
(Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Santa Fe  
Lease No. 078194  
Unit Ludwick

## 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.....	<u>Water Fracture</u> .....	<u>X</u>

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

September 24, 1956

Well No. 12 is located 990 ft. from S line and 1520 ft. from W line of sec. 19

SW Section 19 30N 10W NMPM  
( $\frac{1}{4}$  Sec. and Sec. No.) (Twp.) (Range) (Meridian)

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

The elevation of the derrick floor above sea level is 6225 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)

9-23-56 Total Depth 5100'. P.B.T.D. 5100'/  
Water fractured Point Lookout perforated intervals 5068-5054, 5020-5000, with  
83,335 gallons water and 80,000# sand. Breakdown pressure 900#, maximum pressure  
1400#, average treating pressure 900#. Injection rate 70 bbls./min. Flush 9660 gals.

9-23-56 Total Depth 4980'. Temp. B.P. at 4980'.  
Water fractured Menefee perforated intervals 4961-4947, 4920-4908, 4882-4866  
with 48,174 gallons water and 50,000# sand. Breakdown pressure 1350#, maximum  
pressure 1500#, average treating pressure 1100#. Injection rate 64 bbls./min.  
Flush 4400 gallons.

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 Box 997

Farmington, New Mexico

By Ewell U. Walsh

Title Petroleum Engineer