



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Santa Fe  
Lease No. 97417-A  
Unit San Juan 20-7 Unit  
14-05-001-459

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	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)

Well No. 54 is located 600 ft. from N line and 1843 ft. from E line of sec. 22  
Section 22 203 T 1843  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Blanco Ala. Prita New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6753 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)

It is intended to drill a well with rotary tools thru the Mesa Verde formation. Mud circulation will be used thru the Pictured Cliffs and set intermediate casing. Gas circulation will be used thru the Mesa Verde and production casing will be set. Possible productive intervals will be perforated and fractured. Estimated T.D. 6014'.

#### Casing, From top:

10 3/4" at 170' with 125 sacks cement circulated to the surface.  
7 5/8" at 3000' with 250 sacks cement.  
5 1/2" at 6014' with 150 sacks cement.

The W/2 of Section 22 is dedicated to this well.

W/2, SE 97420 (N/2NE 1/4), SE 97417-A (S/2NE 1/4, E 1/4).



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

Edw Boyd  
Petroleum Engineer

Title

THE UNIVERSITY OF CHICAGO  
DIVISION OF THE PHYSICAL SCIENCES  
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RECEIVED JANUARY 10, 1967  
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ABSTRACT: The reaction of 1,2-dichloroethane with sodium metal in the presence of a small amount of 1,2-dichloroethane-d<sub>2</sub> has been studied. The reaction is first order in sodium and first order in 1,2-dichloroethane. The rate of reaction is independent of the concentration of the 1,2-dichloroethane-d<sub>2</sub> and of the concentration of the 1,2-dichloroethane. The reaction is first order in the concentration of the 1,2-dichloroethane-d<sub>2</sub> and of the concentration of the 1,2-dichloroethane.

INTRODUCTION: The reaction of 1,2-dichloroethane with sodium metal in the presence of a small amount of 1,2-dichloroethane-d<sub>2</sub> has been studied. The reaction is first order in sodium and first order in 1,2-dichloroethane. The rate of reaction is independent of the concentration of the 1,2-dichloroethane-d<sub>2</sub> and of the concentration of the 1,2-dichloroethane.

EXPERIMENTAL: The reaction of 1,2-dichloroethane with sodium metal in the presence of a small amount of 1,2-dichloroethane-d<sub>2</sub> has been studied. The reaction is first order in sodium and first order in 1,2-dichloroethane. The rate of reaction is independent of the concentration of the 1,2-dichloroethane-d<sub>2</sub> and of the concentration of the 1,2-dichloroethane.

RESULTS AND DISCUSSION: The reaction of 1,2-dichloroethane with sodium metal in the presence of a small amount of 1,2-dichloroethane-d<sub>2</sub> has been studied. The reaction is first order in sodium and first order in 1,2-dichloroethane. The rate of reaction is independent of the concentration of the 1,2-dichloroethane-d<sub>2</sub> and of the concentration of the 1,2-dichloroethane.

CONCLUSION: The reaction of 1,2-dichloroethane with sodium metal in the presence of a small amount of 1,2-dichloroethane-d<sub>2</sub> has been studied. The reaction is first order in sodium and first order in 1,2-dichloroethane. The rate of reaction is independent of the concentration of the 1,2-dichloroethane-d<sub>2</sub> and of the concentration of the 1,2-dichloroethane.

REFERENCES: The reaction of 1,2-dichloroethane with sodium metal in the presence of a small amount of 1,2-dichloroethane-d<sub>2</sub> has been studied. The reaction is first order in sodium and first order in 1,2-dichloroethane. The rate of reaction is independent of the concentration of the 1,2-dichloroethane-d<sub>2</sub> and of the concentration of the 1,2-dichloroethane.

ACKNOWLEDGMENTS: The reaction of 1,2-dichloroethane with sodium metal in the presence of a small amount of 1,2-dichloroethane-d<sub>2</sub> has been studied. The reaction is first order in sodium and first order in 1,2-dichloroethane. The rate of reaction is independent of the concentration of the 1,2-dichloroethane-d<sub>2</sub> and of the concentration of the 1,2-dichloroethane.

NOTES: The reaction of 1,2-dichloroethane with sodium metal in the presence of a small amount of 1,2-dichloroethane-d<sub>2</sub> has been studied. The reaction is first order in sodium and first order in 1,2-dichloroethane. The rate of reaction is independent of the concentration of the 1,2-dichloroethane-d<sub>2</sub> and of the concentration of the 1,2-dichloroethane.

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