Although facies relations are now established between the Troublesome Creek sandstone and the Jelm formation in the Shirley, Hanna, and Laramie basins, many problems of correlation still exist. Whether the lower part of the Nugget sandstone of the Wind River Basin grades into redbeds eastward (Hubbell, 1954, pp. 42–43) is a problem now under investigation. The relationships of sandstone units exposed in the Rawlins uplift, the Seminole Mountains, and at Alcova Reservoir, which strongly resemble the Troublesome Creek sandstone, are also being studied.

REFERENCES


ISLAND-FORMING MUD VOLCANO IN TRINIDAD, BRITISH WEST INDIES

RALPH ARNOLD AND GEORGE A. MACREADDY

INTRODUCTION

During November 3 and 4, 1911, an island more than 8 acres in extent arose in Erin Bay, 1½ miles off the south coast of the island of Trinidad, British West Indies, due to the violent eruption of a submarine volcano. The junior writer made a detailed examination of the new island on November 8, four days after

1 Manuscript received, July 10, 1956.
2 Consulting geologist and petroleum engineer, Santa Barbara, California.
3 Deceased, November 10, 1955.

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