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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
F. B. Box 508
Washington, New Mexico

February 15, 1951

AIR MAIL

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U. S. GEOLOGICAL SURVEY
BOSWELL, NEW MEXICO

Memorandum

To: Chief, Oil and Gas Leasing Branch
From: District Engineer, Farmington, New Mexico
Subject: Recovery of gas on Lease Santa Fe Oilfield, Rio Arriba County, New Mexico.

On or about January 19, 1951, Phillips Petroleum Company made a discovery of gas of indeterminate value on Federal land in District No. 1-2, located approximately 25 miles east and 25 miles south of Hatch, New Mexico. Available information concerning this well is as follows:

Date of Discovery: On or about January 19, 1951.

Well Designation: Phillips Petroleum Company's Strat Test No. 1-2 R. L. Kinney.

Location: 6 NE 1/4 Sec. 25, T. 30 N., R. 6 E., N.M.P.M., Rio Arriba County, New Mexico. (1500 feet from the south and east line of section 25).

Depth: Elevation 5365 - Derrick floor, total depth - 5400 feet, gas zone 5274 to 5350 feet, top of Fruitland formation 5350 feet.

Productive Formation: Upper Fruitland formation.

Productive Capacity: On a drill-stem test from 5274 to 5350 feet the well was open 30 minutes, gas to surface in 12 minutes, estimated flow 2,000,000 cubic feet per day, recovered 450 feet of very heavily gas cut mud, 15 minutes build-up pressure 1100 psi. A small amount of gas and a large amount of salt water was recovered from a drill-stem test in the middle Fruitland formation and a slight flow of gas and oil and a large amount of salt water was encountered on a drill-stem test in the lower Fruitland formation.

Casing Record: 145 feet of 8-3/8 inch surface casing cemented with 50 sacks.

Status: Plugged and abandoned.

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This well was drilled for geologic information only and the operator requested that information concerning it be kept confidential except in case of a discovery in which case the information obtained would be submitted to the Geological Survey for its use.

There has been no production from the Fruitland formation in this area and it is uncertain as to whether the formation will hold up under sustained production.

L. T. Roberts