

State Department of Geology and Mineral Industries

~~1069 State Office Building~~

~~502 Woodlawn Building~~

Portland 9, Oregon

ROME BUILDING STONE

Malheur

Several blocks of a light-colored, lightweight, friable tuff were submitted by Mr. J. A. Wilson, 4535 North Commercial Street, Portland, Oregon, for determination of specific gravity, absorption and porosity. Results of these tests on three specimens sawed into blocks approximately 2 inches square are given below:

Rome Building Stone
T. 31 S., R. 41 E., Malheur County, Oregon
(P-16581)

| | Vol. in cc | Spec. grav. | Weight dry grams | Weight wet grams | Absorption | Porosity |
|---|------------|-------------|---------------------|---------------------|------------|----------|
| 1 | 110 | .93 | 102.6 | 167.5 | 63.3 | 59 % |
| 2 | 110 | .95 | 104.5 | 167.8 | 60.5 | 59 % |
| 3 | 107.5 | .874 | 94.2 | 159.8 | 69.6 | 61.3% |

The tuff reportedly came from an outcrop in T. 31 S., R. 41 E. on the highway near Rome, Malheur County. The tuff is extremely light in weight when dry, saws readily, but has a high porosity. A faint blackish-gray banding is evident. Petrographic examination showed that the tuff is composed essentially of weathered feldspar and glass shards.

Report by: R.S.M.
Date of report: 7-1-54

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MEMORANDUM ON RIDDLE WELL

Operator

H. K. Riddle, P.O. Box 537, Ontario, Oregon. (Kiesel Estate)

Location

SW $\frac{1}{4}$ sec. 8, T. 19 S., R. 47 W., Malheur County, Oregon.

This well was visited on July 27, 1955. The rig and drilling equipment is still on the ground and a "Christmas tree" has been welded onto the well head. The valves on the "Christmas tree" have not made a complete seal and a small amount of frothy water constantly bubbles from one of the pipes at the surface. This frothy water has a very definite gaseous odor. This well was reported to have produced a small amount of gas but water seepage into the hole apparently could not be adequately controlled in order to make a valid formation test.

Report by: R. E. Cereoran
Date: 8-11-55