Tumalo (Tum / Pum) Pumice

NAME

OLD NAMES

Pumice aggregate

PRINCIPAL ORE

MINOR MINERALS

16 S T | 12 E R | 29 (NW¼) S

PUBLISHED REFERENCES

Deschutes ..... COUNTY

Unclassified ..... AREA

..... ELEVATION

MISCELLANEOUS RECORDS

..... ROAD OR HIGHWAY

5½ miles to Railroad at Deschutes ..... DISTANCE TO SHIPPING POINT

PRESENT LEGAL OWNER (S) James A. Elder, Bend, Oregon. Address Rt 2

OPERATOR Tumalo (TUM/PUM) Pumice Co....O.W. Grubb & Sons Rt 2 Box 73, Bend, Oregon

Name of claims	Area	Pat.	Unpat.	Name of claims	Area	Pat.	Unpat.

EQUIPMENT ON PROPERTY

MI-21

State Department of Geology and Mineral Industries

702 Woodlark Building
Portland, Oregon

Tumalo $\frac{T^{ll}um}{Pum}$ Pumice

Unclassified District
Deschutes County

This report accompanies green paper supplement # 1 under the same title by N. S. Wagner, August 2, 1949.

Operator: O. W. Grubb & Sons, Route 2, Box 73, Bend, Oregon

Location: T 16 S; R 12 E; Section 29 (NW¼)

Production of block aggregate for the year 1948 is reported at 6200 cubic yards. This figure is based on sales records and was supplied by Mrs. Don Grubb.

O. W. Grubb reports continued interest on the part of poultry raisers in pumice for litter purposes, but his endeavors to capitalize on this phase of the market failed to materialize -- reportedly because of the demand for a completely moisture-free product.

State Department of Geology and Mineral Industries

702 Woodlark Building
Portland, Oregon

TUMALO (Tum / Pum) PUMICE (Pumice) UNCLASSIFIED DISTRICT DESCHUTES COUNTY

Operator:

O. W. Grubb & Sons, Rt. 2, Box 73, Bend, Oregon

Owner:

James A. Elder, Bend, Oregon (Rt. 2)

Location:

T 16 S; R 12 E; S 29 (NW¼). This is 3½ miles west of the railroad siding at Deschutes. This road is currently under construction and scheduled to be paved in the near future. The truck haul to Bend via the old Redmond paved highway is 8 miles.

History:

These operators were active throughout most of 1946 during which time the property was prospected and machinery assembled and constructed. Production began about January 1, 1947.

Development:

The property was opened by bulldozer cuts at the site of the present pit, and continuity of the deposit has been established on both flanks of the pit by bulldozer cuts and shallow holes. This test work is on the southern flank of a low hill with gently sloping sides. No prospect work has been done to show the continuity of the deposit under the hill to the north, or to show the thickness of the overburden there. The work done along the flank of the hill, has demonstrated the existence of a sufficient amount of good appearing pumice to justify the commencement of moderate scale production.

Geology:

The nature of the occurrence is best revealed in the working pit. This pit is 120 feet long by 20 feet in width. The length parallels the flank of the hill. The contour of the surface of the pumice deposit as revealed here tends to conform to that of the hill itself. Operations have not proceeded far enough to square up the face on the uphill side of the cut, but a total thickness of 16 feet of pumice has been established with pumice still constituting the floor on the lowest cut.

The pumice is very light to white in color. It reportedly weighs between 1100 and 1200 lbs. per cubic yard pit run in the summer. The common pit run mesh appears to be close to $\frac{1}{2}$" with but a small amount exceeding that mesh to a maximum of perhaps 1 or $1\frac{1}{2}$ inches.

Overburden at the pit has ranged from 1 to 4 feet in thickness. This consists of both soil and a rather sharply defined layer of discolored pumice. The 4' thickness more or less prevails on the north or uphill side of the cut, but as has already been mentioned, the contour of the pumice surface appears to conform fairly closely with the contour of the hill so that the thickness of overburden may not increase appreciably to the north, or at least may do so only gradually.

Equipment:

Pumice is excavated by a tractor with a blade and is pushed to set of vibrating screens and rolls.

An elevator hoists the crushed product to a bunker, situated in the pit. The mesh of the product is varied to suit the buyer, but is usually about $\frac{1}{2}$".

General Information:

The property is favorably situated in gentle rolling to level country with good roads. Precipitation will not greatly interfere with operations as far as excavation goes, but moisture might prove an undesirable factor for a short time during the early spring.

Economics:

Although this company is supplying the building trade consumers at the present time, and plans to continue doing so, they are seriously considering sacking a clean sized product to be sold to poultry raisers as chicken and turkey litter and are looking into the possibilities of obtaining contracts. For such purpose screened, sized pumice possesses many favorable characteristics. Pumice is highly absorbant yet does not become slippery or fermented when wet as does sawdust or peat moss. Pumice is non-poisonous when eaten as compared to organic materials which sometimes do prove poisonous. Pumice is non-inflammable which is an important attribute in instances where portable heaters are used in the brooders or hatcheries. Lastly, pumice can be treated with various lice-control medicants.

Informants:

Grubb and Sons

Report by:

N. S. Wagner, February 15, 1947

VIEW OF THE TUMALO PUMPING PLANT

State Department of Geology and Mineral Industries

702 Woodlark Building
Portland 5, Oregon

Tum
Tumalo ——— Pumice — Deschutes County
Pum

This report is supplement #1 for a report under the same title by N.S. Wagner, February 15, 1947.

Operator: O.W. Grubb and Sons, Route 2, Box 73, Bend, Oregon

Location: T 16S, R 12E, Section 29 (NW¼)

General: This operation has been inactive throughout the current year although prior to that a sporadic production was made each year since the operation first started.

The operators still hold the property under base and the plant and digging equipment is intact. It is doubtful, however, if operations will be resumed according to Mr. O.W. Grubb.

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Report by: N.S. Wagner
Date of Exam August 2, 1949
Informant: Mr. O.W. Grubb and Mrs. Don Grubb