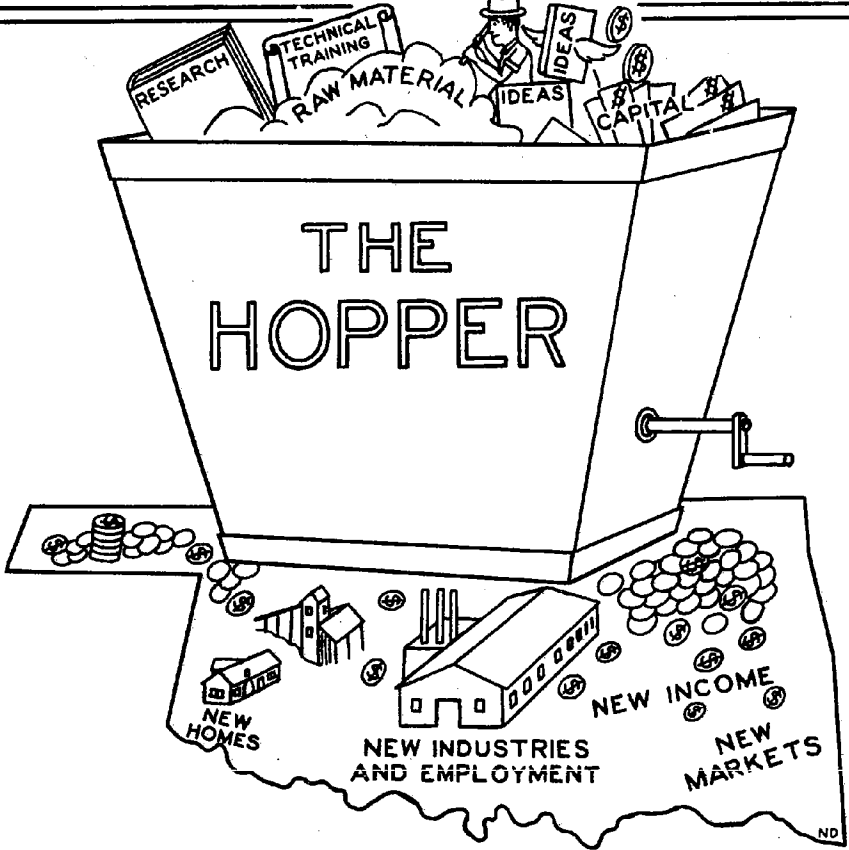


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LIMESTONE QUARRY AND CRUSHER
OPERATING SOUTH OF GOTEBO

The Roosevelt Material Company, Paul D. Finefrock, President, is operating a stone quarry and a crusher 9 miles south and 3 miles east of Gotebo. The quarry is on one of the limestone hills on the north side of the Wichita mountains and is utilizing stone from one of the formations of the Arbuckle group.

The company is producing crushed lime, aglime, Filter Media, Rip Rap, Asphalt Premix, Road Rock, Chat and Cover Material. The crusher plant is equipped to furnish stone in grades from 2-1/2" size down. According to information obtained by Mr. Gerald W. Chase, Geologist of the Oklahoma Geological Survey, the plant was started last fall and has gradually gotten into a routine schedule of production. Mailing address of the company is Route 3, Mountain View, Oklahoma.

The following chemical analysis for a sample of the stone was furnished to Mr. Chase by a company official:

Analysis of Limestone.

CaCO ₃	-	92.67	-	92.35
SiO ₂	-	4.58		
Al ₂ O ₃	-	Trace		
Fe ₂ O	-	2.35		
Deval abrasion AASHO		3.4	-	3.4
Specific Grav (Bulk)		2.70		
Absorption %		0.34	-	0.26

STONE PRODUCTION
AN IMPORTANT OKLAHOMA INDUSTRY

Stone quarries of Oklahoma have expanded production in recent years to a rate of between 4 and 5 million tons annually, and with an annual value of \$4,000,000 to \$5,000,000, excluding the value of stone quarried for use in making lime and Portland cement. A big jump in production was reported for 1948 over 1947. This high rate of production has been maintained or increased slightly through the latest year for which statistics are available.

Much of the stone, especially limestone, produced in the state is crushed to sizes required for many types of uses. These range from coarse aggregates to very finely ground stone. The crushing plants of Oklahoma are equipped to meet all sized specifications requested, and one crusher, that of Dolese Brothers Company is nationally and internationally recognized as the most modern and complete stone crushing plant in the world.

Some Oklahoma limestones are of especially high purity and meet exacting specifications for chemical grade limestone. A few years ago a quarry was opened in the high-grade dolomite deposits of the Arbuckle Mountains and the state is now supplying both high-grade limestone and dolomite.

Some limestone has desirable features for veneer stone and is in much demand as a decorative building stone and a few unusual sand stone deposits in the eastern part of the state are in demand for the same purpose.

Granites of Oklahoma have long provided the basis for a sizeable monument industry. Monuments and decorative stone made from Oklahoma granite are sold throughout much of the country

Stone of special qualities can be the basis for the establishment of an industry in a region. For example, chemical grade limestone deposits and fuel may attract a lime plant or other industries, or help in getting chemical industries established. Limestone is widely distributed over the surface of the earth, although some areas are deficient in limestone deposits. All limestones, however, are not of the same chemical grade. Practically all of them contain some impurities and many contain a very high percentage of minerals other than calcium carbonate. For this reason, and because of the requirements of some important industries for almost pure limestone, there is a continuing search for the relatively scarce deposits of this grade. Oklahoma is abundantly supplied with limestone in some parts of the state and is fortunate in having a few deposits of both limestone and dolomite of exceptionally high purity.

The following list of stone producers in Oklahoma has been compiled as a working list that the Oklahoma Geological Survey now has and it is also compiled for the U. S. Bureau of Mines. It is not presented as a complete list of all the producers of the state, and the Survey would appreciate receiving any names of producers and names of quarries not included in this list, or corrections of any errors in the list given here.

LIMESTONE AND DOLOMITE PRODUCERS.

	Address
	<u>Quarry Location</u>
	Town - County
Acme Materials Co.,	2119 E. 11th St. Tulsa 4, Okla.
Anchor Stone-Materials Co.,	Box 419, Tulsa 1, Okla.

Peerless Stone Co.,	Union Terminal Bldg., Coffeyville, Kans. Lenapah, Nowata.
Rock Products Mfg. Corp.,	Troy, Okla. Troy, Johnston
Roosevelt Material Co.,	Mountain View, Okla. Gotebo, Kiowa
St. Clair Lime Co.,	440 Home State Life Bldg. Oklahoma City, Okla.
Southern Rock Asphalt Co.	Dougherty, Okla. Dougherty, Murray
Standard Paving Co.,	2119 E. 11th St. Tulsa 4, Okla.
Southwest Stone Co.,	1603 Mercantile Bk. Bldg. Dallas 1, Texas Atoka County
M. O. Weaver, Inc.,	Box 244, Pryor, Okla. Pryor, Mayes
S. J. Wick Co.,	Pryor, Okla. Pryor, Mayes
Dixie Engineering Co.,	P. O. Box 408, Miami, Okla. Washington Co.

GRANITE PRODUCERS.

J. P. Gilman Granite Co.,	Fairfax Industrial Dist., Kansas City, Kansas.
Century Granite Co.,	Snyder, Okla.
Granite Monument Works,	Granite, Okla.

GRANITE PRODUCERS, Continued.

Parsons Bros. Granite Works,	Mountain Park, Okla. Cold Springs, Kiowa
Pellow Bros.,	Granite, Okla.
Roosevelt Granite Co.,	Snyder, Okla.
Ira Smith and Son,	Mountain Park, Okla. Sec. 4, T. 3 N., R. 15 W., near Indianahoma, Comanche Co.
Art Shupe,	Mountain Park, Okla.
Wichita Granite Co.,	Snyder, Okla.
Oklahoma State Reformatory,	Granite, Okla.

GYPSUM PRODUCERS.

United States Gypsum Co.,	300 West Adams St., Chicago 6, Ill. Southard, Blaine Co.
Universal Atlas Cement Co.,	135 E. 42nd St., New York 17, N. Y. Watonga, Blaine Co.
Walton and Sons,	Okeene, Okla. Okeene

SANDSTONE PRODUCERS.

John F. Hanselman	P. O. Box 464, Hugo, Oklahoma. Sec. 9, T. 5 S., R. 18 E., Choctaw Co.
Mike Emery	Moyers, Okla. Moyers, Pushmataha