

Salem Statesman
7-28-67

OREMET Is Telling Plans Of Expansion

Statesman News Service

ALBANY — First step in an ore-to-ingot expansion program was announced here Thursday by the board of directors of Oregon Metallurgical Corporation (OREMET) in plans for a titanium ingot melting complex to double the company's ingot capacity.

The new furnaces are designed for a maximum ingot 36 inches in diameter with a maximum weight of 20,000 pounds, according to Oremet Pres. Stephen Shelton. He said the complex is expected to be fully operational within 12 months.

Shelton indicated the decision by the directors is part of their total expansion program for complete integration from ore to ingot, all of which will be speeded up as rapidly as possible.

Possibilities of some \$40 to \$50,000,000 worth of expansion at the Oremet site were announced earlier this year by Sen. Mark Hatfield. He indicated that the development hinged on acquiring sufficient capital for the program over a several-year period.

Albany Metals Firm to Build New Complex

ALBANY (AP)—Stephen M. Shelton, president of Oregon Metallurgical Corp., announced Friday the breaking of ground for construction of a \$2.4 million titanium ingot melting complex.

This new 26,000 square foot structure will have a height of more than 40 feet and excavation areas to a depth of 32 feet to house the vertically placed melting furnaces.

The three vacuum arc melting furnaces are engineered to an improved design believed to be the most modern in the industry, Shelton said.

The new furnaces will more than double the present capacity and have the capability of producing 36-inch diameter, 20,000 pound ingots—larger than any now being produced in the country.

Doubles

Investment Exceeds \$2 Million

A \$2.5 million investment in plant equipment and addition of 26,000 square feet of working space has more than doubled production capacity of Oregon Metallurgical Co. of Albany, according to H.F. Peters, president.

Peters said the new equipment will permit the firm to expand its present production of 6 million pounds of titanium to 16 million pounds.

In its first year of operation in 1956, the firm was capable of 600 pounds a day and ingot capacity was 3,500 pounds. The new equipment will enable production of ingots up to 20,000 pounds.

OREMET now produces both titanium ingots and castings.

An estimated 90 per cent of current production goes to subcontractors involved in aerospace components. The remainder is destined for reprocessing by manufacturers.

The new facility will operate on a four-shift, seven-day-a-week basis and will employ 50 persons.

Oremet has a total payroll of 270 persons.

Firms participating in construction of the new facilities included Reimers' Construction Co., Inc., Albany; Kaiser Engineering & Manufacturing, Eugene; L. H. Morris Electric Co., Eugene; and Linn Pacific Mechanical Contractors, Albany.

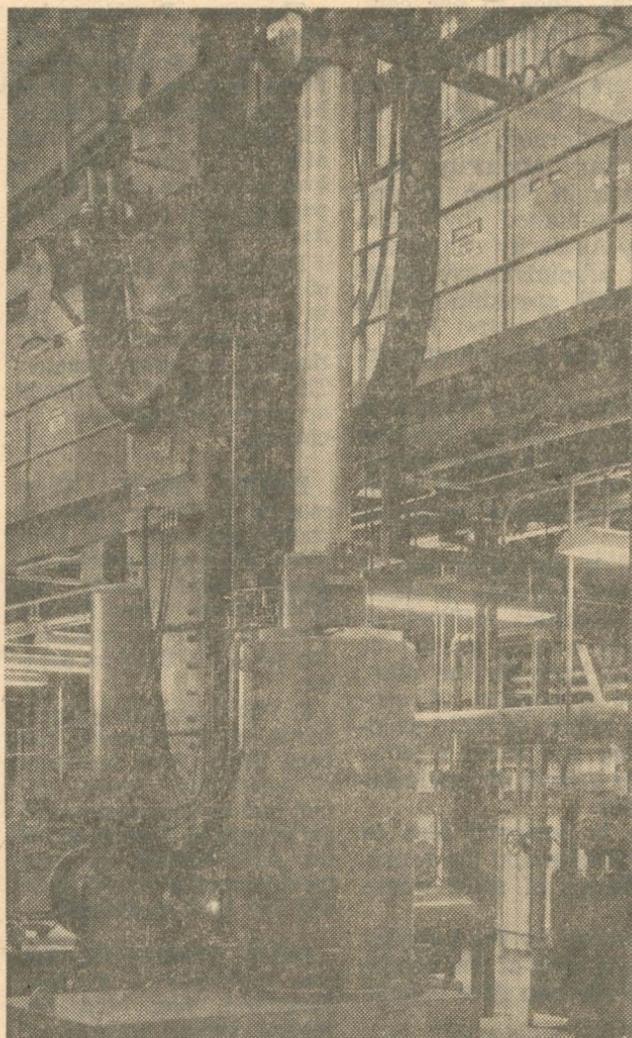
OREMET also produces titanium castings for aircraft, marine use, chemical processors and pulp mills.

The bulk of this production is pumps, valves, impellers and agitators cast to the specifications of original equipment manufacturers.

Oremet is one of the nation's leading producers of such items.

The company also melts, machines and produces other exotic metals, including zirconium, which are destined for use in corrosive conditions where other metals would deteriorate rapidly.

Peters said the number of technicians trained in the handling of exotic metals is not meeting the needs of producers.



PART of \$2.5 million investment in new equipment by Oregon Metallurgical Co. of Albany is custom-made dual-stage furnace used in production of titanium ingots. Three such furnaces are part of firm's expansion program. New facilities will give Oremet annual capacity of more than 16 million pounds of titanium.

Evans Bares 2 Records, Acquires House Firm

Evans Products Co. of Portland has announced all-time sales and earnings and acquisition of Ridge Pike Lumber Co. of Conshohocken, Pa., according to Monford A. Orloff, Evans chairman.

The acquisition is the second in a week for Evans. The firm announced last week it had purchased Marshall Manufacturing Corp. of Roanoke, Va., a retail paint firm.

Orloff said the Portland firm has agreed to acquire all outstanding Ridge Pike stock and its affiliates in exchange for \$10 million in Evans common stock.

Ridge Pike manufactures and distributes precut houses under the trade name "Ridge Homes," which are distribut-

Investment Funds

NEW YORK (AP) — The following quotations, supplied by the National Association of Securities Dealers, Inc., are the prices at which these securities could have been sold (bid) or bought Tuesday

	Bid	Ask	Bid	Ask	
Aberdeen	2.92	3.19	Hubsmn	11.46	11.46
Advisers	8.30	9.07	ISI Gth	6.18	6.75
Affiliated	8.82	9.54	ISI Inc	5.06	5.53
All Amer	1.18	1.29	Imp Gth	10.45	11.30
Alpha	12.12	13.25	Inc Cap	8.34	9.07
Amcap	6.47	7.07	Inc Fnd	13.73	15.01
Am Bus	3.53	3.82	Inc FdB	831	9.08
Am Div'n	11.62	12.70	Independ	12.45	13.58
Am Grth	7.24	7.87	Ind Trend	14.421	5.74
Am Inv	9.28	9.28	Industry	68.2	7.45
Am Mut	10.25	11.20	InsBk Sfk	6.68	7.30
Am NGW	3.50	3.83	Inv CoAm	15.47	16.11
Am Pac		Unavail	Inv Guid	10.02	10.02
Anchor Group:			Inv Indic	14.10	14.10
Cap	Unavail		Inves Bos	13.26	14.49
Inv	Unavail		Invest Group:		
Gwth	Unavail		IDS Ind	5.42	5.89
Fd Inv	Unavail		Mut	10.86	11.80
Associat	16.0	1.75	Stock	21.12	22.95
Axe Houghton:			Select	93.8	10.09
Fund A	8.54	9.28	Var Pay	8.63	9.38
Fund B	10.60	11.52	Inv Resh	591	6.44

Oregon Metallurgical Plant Shows Tremendous Gain Over Last Year

Statesman News Service

ALBANY—Greater dollar volume for the first quarter of the fiscal year than that of the entire 1959 period, was reported by Stephen M. Shelton, president, Oregon Metallurgical corporation, Albany, at the company's annual stockholders' meeting here Thursday.

Shelton told stockholders that the orders placed with the firm for the first quarter of the fiscal year exceeded \$3,000,000. Sales during the past year amounted to \$2,893,71.

Continued closer control of operating costs, as well as diver-

sification in products and customers now reflect a more favorable earnings position, the Oregon Metallurgical president declared.

The corporation is the free world's largest producer of high-purity vanadium. The company also produces substantial quantities of other rare or specialized metals—titanium, zirconium, tungsten, and molybdenum.

Shelton told stockholders he considered the financial condition of the company is extremely sound. Fully \$1,000,000 now held by Oregon Metallurgical in government bonds is available for future plant expansion, said Shelton.

At least 200 workers are now on the payroll at the Albany plant.

3-31-61

Albany Plant Makes Pure Tungsten Cast

ALBANY (AP) — The Oregon Metallurgical Corp. said here Thursday it has successfully melted and cast 100 per cent pure tungsten. Tungsten has the highest melting point of all the known elements—6,170 degrees Fahrenheit.

The precise use of the tungsten was not disclosed, but it is known that this metal is used to withstand the high temperatures of jet and rocket engines.

Stephen M. Shelton, president of the company, said the accomplishment was vital in meeting requirements relating to U.S. space exploration.

Shelton says the process uses an electric arc vacuum furnace, which uses large amounts of direct current. He said his firm had made casts of 98 per cent pure tungsten several months ago, and has been melting alloys of 50 per cent of more tungsten for two years.

Albany Metals Plant Volume Is Up Nearly Half-Million Dollars

Statesman News Service

ALBANY — A business volume increase of nearly half a million dollars for Oregon Metallurgical Corporation, Albany, in the concern's first six months of the fiscal year ending (Sept. 30, 1960), was reported by Stephen Shelton, president, Saturday.

Business volume for the six months totaled \$2,143,894, an increase of nearly half a million dollars over the same period a year earlier. Net earnings were listed at \$103,080, in Shelton's report to stockholders.

Shelton termed the period one of "growth in business backlog, in number of skilled workers employed, and in processing facilities."

141 New Workers

With 141 new workers added to its payroll during the past six months, the corporation is fast increasing its around-the-clock output of processed metals. Total number of persons now employed by the rare metals concern is 260, Shelton said.

Accounting for Oregon Metallurgical's rapid growth and expansion, Shelton said, is the growing output of such rare metals as tungsten, vanadium, zir-

conium and titanium, metals considered vital to the nation's space-age defense program.

Equipment Added

The plant is now installing additional equipment for titanium and zirconium melting. This will increase by 35 per cent, facilities for processing the two metals.

Meanwhile, the plant's capacity for tungsten base alloy melting has been increased by 600 per cent during the past six months.

He said that orders and output of tungsten base alloys for the missile industry continue to expand in volume. Oregon Metallurgical is also pushing new product development for greater diversification. Substantial or-

ders for vanadium, tungsten base alloys and titanium and zirconium shaped castings show that the plant's research and development work is now bearing fruit, Shelton reported.

MINING TAXES & ROYALTIES

OREGON METALLURGICAL

PROD 50,000 LBS/MO AFTER 3-1957

EXPECTED TO BE 100,000 LBS/MO BY 1-58

TO MAKE 50 LBS TI CASTINGS BY 6-1957

FIRTH-SYERLING INC. TO ENTER (4-1957)
INTO AGREEMENT W/ORE METS TO PRODUCE
TI MILL PRODUCTS FOR AIRFRAME
& JEC ENGINES

1957

Metallurgical Plant Increases Production

ALBANY, Or., Feb. 4. — Production of titanium and zirconium ingots is increasing at the Oregon Metallurgical corporation plant here, and experimental casting is in progress.

This was learned by stockholders who attended a meeting here from Stephen Shelton, general manager, and O. H. Hinsdale, Reedsport, corporation president.

The plant is operating three shifts, augmented recently by installation of a 12,000-ton

1957
press for compression of titanium and Zirconium sponge.

SHELTON said that capacity of the plant will reach about 50,000 pounds of melted metal by mid-March, and this will be further boosted in April with arrival of another and larger press now being constructed in Portland.

The stockholders reelected Directors Hinsdale, Shelton; R. W. deWeese, Portland; W. H. Gonyeu, Springfield; Charles K. McCormack, Albany; W. H. Shields, Dale Fischer, Robert Booth and Dr. John A. Kirk, Eugene; L. L. Stewart, Cottage Grove; R. C. Warren, Portland; Howard Mason, New York city, and Orval N. Thompson, Albany, secretary.

1957

Albany Plant Given \$4 Million Contract

To Deliver A-Reactor Zirconium

Statesmar News Service

ALBANY, Nov. 20—A \$4 million contract to deliver zirconium ingots to Westinghouse Electric Corporation during the next 12 months was announced here today by Stephen Shelton, general manager of Oregon Metallurgical Corporation.

The zirconium will go into atomic reactors manufactured by Westinghouse under its contract with the Atomic Energy Commission. Due to its high resistance to corrosion, zirconium is a key material used in reactor manufacture.

With Westinghouse

Oregon Metallurgical and the zirconium division of Wah Chang Corporation, also located in Albany, will work together in filling the Westinghouse order.

The zirconium will be obtained from Florida ocean sands and shipped by rail to Albany. Wah Chang will refine the product and sell the zirconium to Oregon Metallurgical in 'sponge' form, in which the metal is in its pure state.

Largest Single Order

Oregon Metallurgical Corporation will then melt the metal and cast it into solid ingots to be used by Westinghouse. It is the biggest single order in the history of Oregon Metallurgical which was organized in January 1956 and started production in September.

Shelton said the new order will mean some increase in the payroll of the plant. He said additional technicians have been hired for the work.

Zirconium Ingot Contract Given Oregon Firm

ALBANY, Ore. (AP) — The Oregon Metallurgical Corp. has received a four million dollar contract from Westinghouse Electric Corp. to produce zirconium ingots.

Stephen M. Shelton, general manager of Oregon Metallurgical, said the contract calls for production of about 350,000 pounds of the metal in ingot form.

The actual metal, the property of the Atomic Energy Commission, is produced by the Wah Chang Corp., of Albany.

The Oregon Metallurgical plant employs 110 persons in its ingot-making operations. Shelton said he did not expect the labor force to be expanded much by the new contract.

Bright Future Predicted For New Metal Industry

5-8-57
±

Experiments developed in a test tube at the U. S. bureau of mines laboratory at Albany have resulted in a \$3,000,000 annual payroll to bolster the economy of the Linn county seat and the prospect of a future for a new industry metallurgy experts call "very bright."

Three men closely identified with the production of zirconium and titanium, and other new metals, Monday related the interesting story of the test tube to industry transition before a large Portland chamber of commerce forum luncheon meeting in the Multnomah hotel.

Stephen Yih, manager of the zirconium division of the Wah Chang corporation of New York, contract pioneer producer of zirconium for the atomic energy commission at the corporation's new plant at Albany, told the Portland group Oregon is now the largest producer of the metal in the nation.

The Wah Chang corporation, formed in 1916 and largest supplier of tungsten during World War I, is one of three private companies contracted by the AEC to supply zirconium, primarily used as a structural material in atomic power reactors.

Plant First of Three

It was the first of the three to complete a plant for the reduction process, said Yih.

Yih said zirconium production is still in its infancy. Both Yih, whose plant employs 270 persons and has an annual payroll of \$1,500,000, and Steve Shelton, vice president and general manager of Oregon Metallurgical

corporation, which employs 100 persons, indicated companies expect to expand their operations.

Oregon Metallurgical corporation is a principal producer of titanium, a light metal of tremendous strength used primarily in the construction of aircraft frames and guided missiles. Shelton pointed out that the industries are based on a sound economy, using natural resources which are plentiful. Titanium, obtained from the mineral rutile, principally from Florida and Australia, is the fourth most abundant mineral in the earth's crust, Shelton said.

The bureau of mines laboratory at Albany, which has engaged in many research projects during the past 15 years, developed the successful methods for reduction of zirconium and titanium from raw materials, the first experiments with zirconium being conducted with zircon-bearing sands from the Coquille area.

Mark Wright, acting regional director for the bureau, which has its regional headquarters at Albany for the area of Oregon, Washington, Montana and Alaska, said the laboratory now is conducting 46 projects. It is the largest of all the bureau's laboratories, employs 300 persons and "costs you taxpayers about \$1,900,000 a year—and is well worth it," said Wright.

Wright said the laboratory during the past year has been producing about one half of the world's supply of the new metal hafnium, which is extracted zirconium. The bureau hopes that within the next few years private industry will be able to take over the production of hafnium.

Manganese, chrome, lead, thorium, antimony, phosphates and the fluorospars are other minerals with which the laboratory is conducting research projects, Wright said.

A delegation of 25 Albany enthusiasts headed by Mayor W. L. Fitzpatrick and Roy Collins, chamber of commerce president, made an Albany day of the forum luncheon. They also seized the opportunity to do a little boosting for the Albany Timber Carnival, a July 2, 3 and 4 annual event.

Hal Byer, Albany chamber of commerce manager who was spokesman for the visiting delegation, beguiled R. L. Clark, chairman of the board of the Portland chamber, to the speakers' stand with an offer of a "presentation."

The present turned out to be a gaudy shirt and hat advertising the Timber Carnival,

HAFNIUM

SALEM
STATESMAN
10-10-56

adil etata qdi is ho

Titanium Load Leaves Albany

Statesman News Service

ALBANY, Ore., Oct. 9—A 7,000-pound shipment of titanium left Albany today for an Eastern plant where it will be manufactured into parts for jet airplane engines.

Officials of Oregon Metalurgical Corp. here said it was the largest shipment since the plant opened here two months ago. The titanium left here in the form of five ingots, valued at \$45,000.

The titanium left here by truck for Firth Sterling, Inc., a Pittsburgh, Pa., metal-processing plant that will forge it into small parts. Ultimate user will be Ford Aircraft Corp., the Albany firm reported.

$\$6.45/LB$

2000 LBS DAY = \$13,000/DAY

Expansion Of Albany Firm Told

1-31-58

By MERVIN JENKINS
Valley Editor, The Statesman

ALBANY, Jan. 31 — A \$2½ million expansion program during the next 18 months at Albany's giant Oregon Metallurgical Corporation was disclosed tonight by Stephen Shelton, the firm's general manager. Shelton told The Oregon Statesman the expansion would include both buildings and operations, but said he could not divulge the nature of the expansion.

The announcement came on the heels of a prediction in Portland today that Albany will soon become the rare metals capital of the United States.

The firm, a rare metals production plant, handles such items as zirconium and titanium. Most of their products are used in atomic projects.

Shelton said expansion would be financed by sale of 1,250,000 shares of the company's stock at \$2 a share.

Half-Million Shares Sold

Earlier in the day at Albany it was learned the first 500,000 shares were sold yesterday to Northwest Pacific Company. The purchasing firm was incorporated about two years ago by Orville Thompson and Harrison Weatherford, Albany attorneys, and Jessie Rissman, their secretary. Northwest Pacific was also given an option to buy the remaining 750,000 shares, according to Shelton.

Shelton said the company is well on the way toward fulfilling a contract with Westinghouse Electric for \$4 million worth of zirconium ingots. He said the firm has almost as many unfilled orders on hand now as it did at this time last year.

Among new orders mentioned by Shelton was a \$450,000 contract to furnish castings to Boeing Aircraft at Seattle.

Rare Metal Capital

In Portland today, James J. Minot, senior partner in the Boston investment banking firm of Paine, Webber, Jackson, and Curtis, said "I am sure Albany soon will be the United States rare metal capital. Oregon Metallurgical, Wah Chang Corporation, and the U. S. Bureau of Mines Laboratories have made it a city with some of the best prospects in the United States."

Minot is a director of the Sheraton Corporation, which is building a multi-million dollar hotel in Portland. He is also a director of Symington Gould, a minority stockholder in Oregon Metallurgical.