



What the Diggers Are Doing



WENDT: Two mining companies affiliated with the Wendt interests, held annual meetings the middle of October, and elected new directors for the coming year.

H. A. Wendt is president of Amalgamated Minerals, W. B. Sheppard, vice-president; Charles Kurz, treasurer; B. W. Roebuck, secretary; Thomas N. Powell, I. Coscolluela, A. Brimo and N. Quisumbing, members of the board.

Stockholders of Mineral Enterprises elected H. A. Wendt, president; J. R. H. Mason, vice-president; Charles Kurz, treasurer; B. W. Roebuck, secretary; and Francis Lusk and A. G. Santos, members of the board.

The annual report of the Angelo Mining Company, with which H. A. Wendt & Co., Ltd., has a managing and operating contract, was submitted to the stockholders on October 26th. Operations on this property are of considerable interest to everyone, because airplanes have been and will be utilized to a very considerable extent to take in supplies and equipment.

The Angelo property is located on the east side of the ridge of the Sierra Madre Range, in the north central part of Tayabas province, and near the northernmost tip of Rizal province. It lies near the headwaters of the Umiray River, and from Manila it bears in a direction approximately N 50 deg. E a distance of 50 kilometers.

A trail was constructed from Santa Inez to the property, so that it can now be reached in two days, the major part on horseback. At first, a temporary airport was constructed, and the first airplane landed on the property in April of this year. As soon as the managers became convinced of the feasibility of air transportation, the larger, final airport was constructed, and is now being used. Material and supplies for the camp needs have been landed regularly since June 8, 1937.

The Angelo people resorted to transportation by air when it became obvious that trail transportation could never be depended upon to meet the needs of the mine, and was very costly, when the cost of pack animals, trail construction and maintenance and trucking from Manila to Tanay are all added together.

Approximately 70 kilometers of road would be required from Tanay to Angelo, and, after investigation of the cost of similar roads constructed by the Bureau of Public Works, it was found that the total road project, if carried out, would cost approximately P500,000.00. Other plans, such as an aerial tramway, and combined trail and tramway were considered and rejected.

So it was that airplanes began to be used. The company first purchased a Cessna plane in May, and has chartered other planes. In all, four different airplanes have been used. Approximately 60 tons have been transported by this fleet,

much more cheaply than it would have been possible to do so by trail.

The planes have also insured continuous operation, impossible had the trail been depended upon alone. When two laborers

were injured, they were quickly transported to Manila—an impossible feat over a trail.

Approximately P63,000.00 has been spent on transportation facilities, and P3,000.00 more will be required to improve the trail

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for a tractor road. This expenditure, the report states, is all that will be required, aside from the purchase of transportation equipment, to give ample transportation for the needs of the mine. It may be necessary to spend an additional P10,000.00 later to enlarge the airport and make possible the landing of larger planes, but for the present the field is adequate.

Radio equipment has been installed, providing constant communication with the Bureau of Aeronautics station at Manila, and with receiving sets installed on the planes. Emergency connection with the Manila office, and better control of planes during bad weather periods is assured.

Surveying of the claims has been completed, and Wendt geologists have finished a large part of a detailed geological mapping program. Bodegas, a saw mill, powder magazines, compressor house and airport bodega have been finished. Work is in progress on other buildings. The annual report states that P63,000.00 worth of equipment including transportation, power, drilling, shop, surface and underground equipment has been delivered to the property. Application for water rights to cover domestic, mill and power requirements has been made, which, although having the initial endorsement of the authorities, was awaiting final approval at the date of the report.

Without relating in detail the geology of the area, or development operations already completed, it is sufficient to say that the report states the vein area is extensive. Several veins have been found, and they have seldom run nil, and samples have ranged as high as \$100.00 per ton (old price) although this is by no means claimed as an average. A sample crew has been trained to cut accurate channel samples, which work is being done under close



Whipsawyers Cutting Timbers in Northern Mindanao

supervision. The board of directors is well satisfied with the work of L. J. Sundeen, general superintendent at the mine and his staff to date.

L. D. Lockwood, prominent attorney, is the president of Angelo; H. A. Wendt the vice president, Chas. Kurz, secretary and treasurer; and H. P. Strickler, J. R. H. Mason and R. F. Rawson are directors. E. W. Roebuck is the mine accountant.

BIG WEDGE: H. M. Levine and A. A. Brimo were elected to the board of this company on October 15, to represent the stockholder's interest of the heirs of the late E. M. Bachrach.

Big Wedge is operated by Atok Mining Co. Latest reports on Big Wedge's gold production, when compared with the total tonnage milled, indicate that this mine is milling unusually high grade ore.

MARSMAN: Four experienced dredge-

men arrived here late last month to join the staff of Coco Grove. W. H. Hyland, whose home town is Middletown, Conn., will be dredge master on one of the new dredges now being prepared for operation at Paracale. He has had 25 years' experience in California, Idaho, Alaska and Siberia.

Arthur H. Fogarty, who hails from California, will be a Coco Grove winchman, as will Lester A. Brady and Alfred W. Brady, brothers. All of these men have had wide experience in dredging operations.

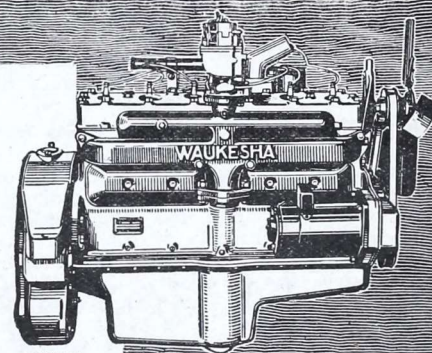
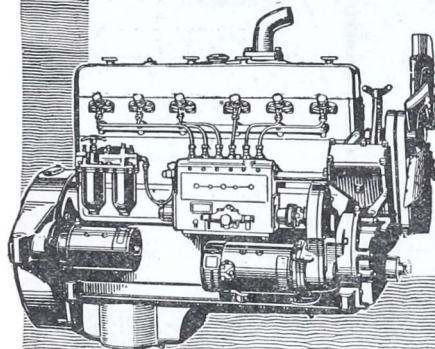
Marsman managed properties produced P804,959.91 during October from 49,026 tons milled. This is a substantial gain over the September output, in spite of the fact that San Mauricio turned in lower figures, due to repairs, and delays caused by floods during the October 12-14 floods.

Modern Engines for Modern Fuels

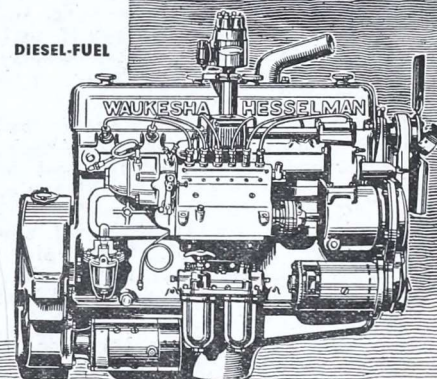
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builds engines for every gas and liquid fuel—each the most economical in its class—each the product of thirty years of engineering experience in design and manufacture and each built to perform a specific duty for a particular industry. Today, the Waukesha Motor Company manufactures forty-two different models of engines burning artificial or natural gas, high or low octane petrols, paraffine, alcohol and the generally available modern high-speed diesel-oil fuels, to serve the power needs of thirty-four different industries. The ratings range from 12 to 325 H.P.

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Itogon hung up new monthly record for itself, with a P32,000.00 gain over September. United Paracale went over the P200,000.00 mark for the first time.

Itogon produced P357,754.39 from 29,425 tons of ore milled. Suyoc Consolidated grossed P128,010.07 out of 6,389 tons. United Paracale reported P200,081.70 from 7,962 tons, and San Mauricio turned in P119,113.75, milling 5,250 tons of ore.

BELOY MINING CO., LONE STAR MINING CO., MINDANAO MINING CO., and ORION MINING CO. are among the newer, smaller gold producers. They produced a total of P24,488.82 worth of gold the first six months of this year, and have helped to swell total Philippine gold production to a new record.

RALSTON: Benguet Exploration, one of the three Ralston-managed mines, reported its October production at P21,355.00.

Finis is apparently written to one of the better-known mining companies. Judge A. W. Ralston, president of Salacot Mining Co., called a meeting of the stockholders for the 26th of last month, at the same time sending them a report wherein he stated that Salacot was in a desperate condition. The funds of the company were practically exhausted, he stated, and, unless a considerable body of ore could be found through prospecting, operations would have to stop.

Operations at Salacot were carried on by Harold Cogswell, general superintendent since August of last year, with remarkable efficiency and economy, but the ore bodies simply were not there in millable grade. The company has been steadily losing money every month for a long time, in spite of the most rigid economies.

Cogswell outlined a plan of development and exploration which would take 12 months, and cost around P150,000.00, by which remaining ore areas around the property could be prospected. Jacob Rosenthal and Company offered to loan Salacot this money for three years at 9%, the loan to be secured by a first mortgage on the mill and all buildings. A profit-sharing plan was included in the Rosenthal proposal.

A quorum could not be obtained for the October 28th meeting, however, and so no action was taken, either toward liquidating the company, or accepting Rosenthal and Company's proposition. Mr. Cogswell, however, told the JOURNAL that he felt sure the Rosenthal scheme would not go through, as one of the largest stockholders—owning about 9,000,000 shares of Salacot, expressed himself at the meeting as being against the plan.

All work at the mine stopped on October 31st, and the mill was shut down.

So, apparently, ends a story which began in 1933, when Salacot was incorporated to take over the property of the Salacot Exploration Company in Bulacan, at a price of P1,200,000.00 in stock. An additional P1,200,000.00 of capital stock of the Salacot Mining Company was fully subscribed and paid up in cash at the time of incorporation.

Production began in 1935, the mine turning out P73,325.00 in that year. Production increased to P412,826.58 in 1936, but fell back to P244,576.60 to date this year.

Dr. A. D. Alvir, the company's consulting engineer at its inception, reported in 1933 that there was an estimated tonnage of ore of commercial value sufficient to supply a mill of 300 tons capacity for more than four years. This report was revised downward by V. Elicaño, then chief of the division of mineral resources of the department of agriculture and commerce who

allowed for 60 per cent of the ore reserve value for operating costs, and placed the approximate net value of the ore reserve at P2,083,505.84.

Frederic MacCoy, general superintendent until Mr. Cogswell was appointed in 1936, estimated ore reserves in a 1935 report at P1,618,460.59. Mr. Cogswell found his chief trouble with mill heads, which could not be kept above P6.00 a ton, while actual production costs exceeded this figure. Judge Ralston came into the picture in 1936, in a general reorganization which saw his elevation to the presidency of the company, and the election of Placido Mapa and J. B. Hoover to the board. Carl Hess, Jr., the broker, is probably the largest single stockholder.

Demonstration milled 9,773.61 tons of ore during October, valued at P149,643.95. Of

this total, 6,598.61 tons came from the oxide portion of the mine, producing P97,334.00 in bullion, and 3,175 tons from the sulphide section, which produced concentrates valued at P52,309.95.


Average recovery was P15.31, which is low for Demonstration. Judge Ralston stated that it was thought best to hold heads down and do experimental work on the new flotation plant to handle sulphides, with as low a grade of ore as possible. Higher heads, and greater percentage of recovery can be expected in the future from this plant, Judge Ralston said.

Judge Ralston is also the head of the Manila Machinery Co., which has announced the recent arrival of a safety equipment expert from the States. The company intends to push sales of safety equipment for mines. A. J. Toering is the new safety

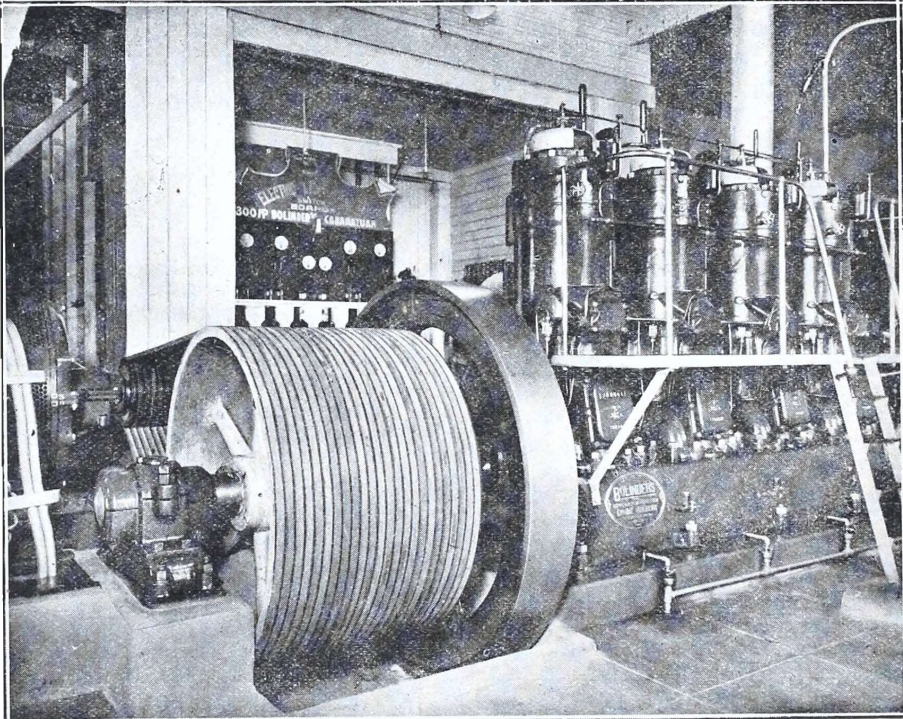
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equipment man, and is Far Eastern head of Mine Safety Appliances Co.

HAUSSERMANN: Benguet Consolidated made a new monthly record during October, with 31,852 tons of ore milled, and a production of P897,918.00. Balatoc turned out 37,884 tons with a value of P1,067,510.08; Cal Horr, 6,693 tons valued at P135,234.22, and Ipo milled 6,023 tons worth P51,696.23.

Judge Haussermann told the JOURNAL he expects to win the important Balatoc patent case now pending in the courts for decision. We summarized the points at issue in this case in our last number. The Judge said there is a case decided in 1935 by the Supreme Court of the United States, involving identical points as are involved in the Balatoc case. The 1935 case involved an oil-prospecting location on which assessment work had been allowed to lapse. While the assessment work had lapsed, Congress withdrew the land from further exploration. The United States Supreme Court held in that case that the private complainants were entitled to a patent from the government upon completing their assessment work and other requirements under the law at the time they located the property.

This case is directly in point should the Balatoc case reach Washington for final decision, the Judge said.

R. M. Overbeck, a consulting engineer of wide experience, has joined the staff of Benguet Consolidated Mining Company as consulting geologist for the Benguet interests.

SORIANO: Stockholders of the North Camarines Gold Mining Company voted to increase the capitalization of the company from P500,000.00 to P1,000,000.00 at the annual meeting of the company held on November 9. This company is one of the Soriano group, under the management of the International Engineering Corporation, the Soriano technical company.

This company has 82 "new style" lode claims and fractions in Paracale, adjacent to the properties of Paracale Gold, Coco Grove and United Paracale. The International Engineering Corporation has an option on P400,000.00 worth of the unissued stock of the company, at par. Development began in October, 1936, with Drexel

Spaulding, formerly of the Antamok Gold-fields staff, as resident engineer, and H. Lindbloom, formerly of Masbate Consolidated, as consulting geologist.

Capital development up to September of this year amounted to 5,107 feet. A diamond drilling program accounted for 3,223 feet more.

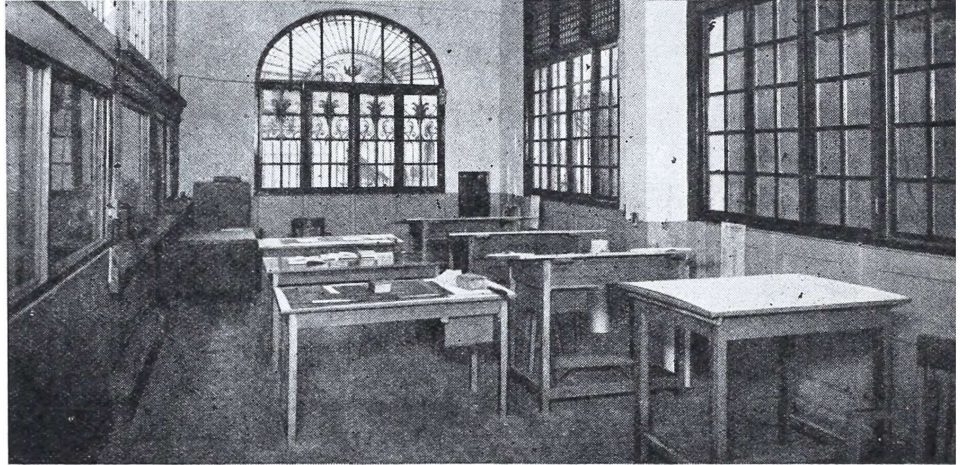
Soriano offices announced that the work during the latter part of this period has definitely indicated that the property will become a gold producer during 1938. Permanent equipment to complete the blocking-out program in preparation for a mill has been completed, and a moderate building program has been finished. Ore samples are being taken in duplicate for mill tests and gow sheet design.

I. X. L. produced P204,578.17 from 6,771 tons treated in October. This is slightly under the all-time high, but Soriano officials are satisfied, as the extraction at the mill averaged 96.5 per cent—the best I. X. L. has ever done.

Antamok, one of the Islands' biggest consistent producers, turned in P455,232.57 from 23,903 tons of ore during October.

Andres Soriano, the chief of the Soriano interests, which include the San Miguel Brewery, his mining companies, a brewery in Kansas City, Mo., the Insular Cold Stores here in Manila, and many other commercial enterprises, is on an extended trip abroad.

EAST MINDANAO: A new producer, this company extracted P43,200 of ore from 3,228 tons in October.



Mine Mill, and Power Plant Design, Southwestern Engineering Co. P. I., Inc.

A Modern...

(Continued from page 19)

Roy A. Smith, Field Superintendent in charge of construction, has had more than 25 years direct construction experience in building mills, industrial plants, roads and bridges in North America.

Morris C. Scherer, field Metallurgist, graduated from the College of Mines and Metallurgy, University of Texas (1925). He has had mining and ore-milling experience variously at The Mexican Corporation, Fresnillo; Cia. Minera de Perroles; Nevada Consolidated; Chelan Copper Mining Company; Boriana Tungsten Mine; Ray Southern Mine, Arizona; various mills in California and others.

Teofilo Soriano, Mechanical Engineer, is connected with the plant design department. Mr. Soriano is one of our local University men, having graduated from the University of the Philippines. He is experienced in mechanical construction work, plant layouts, and industrial electrical installations.

Miss Isabel M. L. Stangl, assayer, graduated in chemistry from Silliman University in 1931. She was employed at the Binalbagan Sugar Central, Negros, Occidental, for two years. In 1935, she was assistant, in charge of the assay laboratory of the Central Philippine College at Jaro, Iloilo, and in 1936-37 assayer at the laboratory of Silliman University, in connection with the new College of Mines.

Additional Engineers will arrive in the Philippines later in the year and, other members of the staff, such as Assayers, Draftsmen, Field Construction Supervisors and Foremen, are being recruited locally as far as possible. The staff will be increased from time to time as required with a personnel of similar experienced technical calibre, and it is the intention of the management to operate a highgrade engineering service with the hope of making such a service desirable in the minds of informed persons in the field of mining in the Philippines.

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