

MUELLER *Record*

DECEMBER • 1955





THIS MONTH'S COVER

Photographer Walter Bowan named this eye catching scene Winter Mood and says it's his third dimensional approach to beauty. He found nature at its best near the Nelson Park golf course in Decatur. Lake Decatur is in the background.



December • 1955

WALTER H. DYER, Editor

MUELLER CO.

MANUFACTURERS OF WATER AND GAS
DISTRIBUTION AND SERVICE PRODUCTS

FACTORIES
DECATUR, ILL. LOS ANGELES, CALIF.
SARNIA, ONT. CHATTANOOGA, TENN.

SALES OFFICES
NEW YORK CITY SAN FRANCISCO

TRADE MARK

MUELLER

Reg. U. S. Pat. Off.

Member Industrial Editors Association of Chicago
and International Council of Industrial Editors



*Recording Our
Thoughts*

Mrs. Henry Jorgensen, the grand prize winner in the seventh Grand National Recipe and Baking Contest sponsored by Pillsbury Mills, Inc., is the wife of a water works employee in Portland, Oregon. Because the wives of our readers probably find little of interest in the semi-technical MUELLER RECORD, we'll bring you a story of Mrs. Jorgensen and how she baked her \$25,000 cake in our February issue.

Pillsbury Mills, Inc. is cooperating with us in order that the ladies may find something suitable for their reading requirements.

* * *

We have just received a notice that Dr. Heinrich J. Thiele, ground water consultant with offices at 918 Forest Avenue, Tempe, Arizona, has announced the removal of his office from Tempe to

(Continued on page 22)



"I'm sure you're the one who's been reading our meter wrong, young man . . . our bill's been way too high for the little water we use."

F. E. Klinck Retires From Los Angeles Sales Department

A career with Mueller Co. that began in 1917 as a metallurgist came to a close November 30 for Fred E. Klinck when he retired from his position in our Los Angeles Sales Department.

Mr. Klinck, a Cornell University graduate in Mechanical Engineering in 1910, had a unique beginning with our company. He was a faculty member in Mechanical Engineering at Cornell from 1910 to 1917, and during this period he became good friends with one of his students, a great Cornell football player named L. W. (Duke) Mueller who later was to rise to the position of Chairman of the Board of Mueller Co.

Mr. Mueller, who died in 1953, learned that Mr. Klinck was thinking of leaving the teaching profession to enter some phase of industry, so he invited him to visit Mueller Co. headquarters in De-catur.

Of this visit, Mr. Klinck recalls that he met several members of the Mueller family—Adolph, Fred, Robert, Phillip and Oscar. "I was favorably impressed with this fine team of men and the reputation and integrity of Mueller Co.," he said, "so when they offered me a position in the company, I accepted and reported to work a short time later."

Among the duties first assigned Mr. Klinck were assisting in the design of regulators and relief valves, the establishment and operation of a physical and chemical laboratory for the purpose of materials control, installation of new power plant equipment, installation of a reclaiming plant for manufacture of brass ingots, and the supervision of the Brass Foundry.

For a few years after 1920, Mr. Klinck was with a Chicago firm as foundry



FRED E. KLINCK

engineer and later as a designer for a business machine company in Endicott, New York.

He returned to Mueller Co. in 1926 in sales and cost work, and after the opening of the Los Angeles plant, he was transferred there first making an engineering survey and promoting the sales of regulators and relief valves. Later, he joined the sales force with a territory covering Southern California and Arizona.

Sometime later, he became a part of the Los Angeles office sales organization and for a few years performed engineering sales work contacting the water and gas utilities. He helped pioneer our line stopper fittings and other No Blo items for the Gas Industry.

Mr. Klinck was a member of the team that investigated the use of "O" Rings which later were adopted by our Engineering Division for use in various items of our manufacture.

In the past few years, Mr. Klinck has assisted such sales executives as W. N. Dill, J. L. Logsdon, and E. George Baker.

Hotel Guest phoning at late hour: "Is this the desk clerk?"

Ill-humored clerk: "Well, what's eating you now?"

Guest: "That's what I'd like to know."

MUELLER CO. OFFICERS

As Mueller Co. enters its ninety-ninth year of service, we can look back on a growth that has paralleled the tremendous advance of the water and gas industries. We feel that our very existence is due to the growth of these industries, and we have remained abreast of both by inventing and perfecting products befitting their needs or by improving old products to meet new situations.

This great expansion of water and gas industries makes it no longer possible for our officers and directors to become personally acquainted with each customer and friend of Mueller Co. Yet, each of them does wish to acknowledge their appreciation for the position we maintain in the water and gas industries. They are sincerely grateful for the friendship of those whom they serve.

Each year at this time, the Mueller Record is pleased to take this opportunity to introduce the officers of Mueller Co. to our customers and friends. To each of you throughout the United States and abroad, we present the men who guide the destiny of this firm. They join us in saying to you . . .

Best wishes for a prosperous New Year.



OUR BOARD OF DIRECTORS

MUELLER CO.

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Addie E. Mueller
Frank H. Mueller
Pauline V. Mueller
Richard E. Pritchard
Charlotte Mueller Schluter
Lenore Mueller Schmick
Albert G. Webber, Jr.
Leo Wiant

MUELLER, LIMITED

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George W. Parker
R. J. Skippon
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Leo Wiant

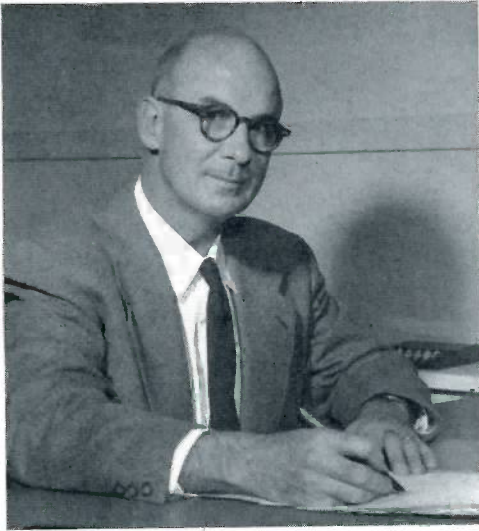


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President and Treasurer

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Executive Vice President

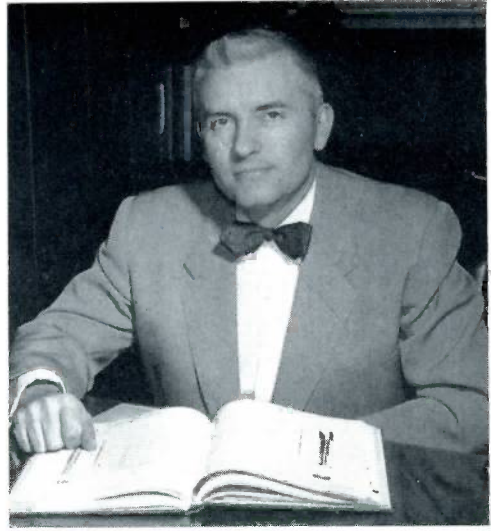


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Administrative Vice President



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and General Sales Manager*

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MUELLER RECORD



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MUELLER RECORD



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SARNIA, ONTARIO, CANADA



C. S. BROWETT

*Plant Controller
and Assistant Secretary*



JAMES D. BAILEY



WILLIAM T. SPRAGUE

James D. Bailey Named Administrative Assistant; W. T. Sprague Credit Manager

The promotion of James D. Bailey to Administrative Assistant to Robert H. Morris, Mueller Co. Vice President and General Sales Manager, and the appointment of William T. Sprague to succeed Mr. Bailey as Credit Manager became effective November 1.

Mr. Sprague comes to Mueller Co. from Schwartz Furniture Company in Decatur where he has been Credit Manager for the past 18 months. Before that, he was with the B. F. Goodrich Company for nine years.

Mr. Bailey replaces F. R. (Dick) Seevers who elected to return to the field as our Sales Representative in the Rocky Mountain territory.

A Navy veteran of World War II, Mr. Sprague served in the Mediterranean Sea and the South Pacific Theater. He is a native of Quincy, Illinois, and was grad-

uated from high school there. He is married, has two sons, Steve, 10, and Stan, 7, and makes his home in Decatur.

Mr. Bailey has been Credit Manager for Mueller Co. since last March, coming to our company from the Credit Department of the Millikin National Bank in Decatur where he was employed for two years. Before that, he was with Dunn and Bradstreet offices in Decatur from 1948 to 1953.

A native of Decatur, Mr. Bailey is a graduate of Decatur High School. During World War II service with the Navy, he studied engineering at Purdue University. Following the war, he continued his education at Millikin University where he studied business administration.

Mr. Bailey is married, has two daughters, Carol, 5, and Jane, 2, and lives in Decatur.



F. R. SEEVERS



H. W. CESSNA

F. R. Seevers Takes Rocky Mountain Territory; H. W. Cessna Into Alabama

F. R. (Dick) Seevers, Administrative Assistant to Robert H. Morris, Vice-President and General Sales Manager, has elected to return to the field as one of our sales representatives. Mr. Seevers has moved to Denver, Colorado, which will be headquarters and has been assigned the Rocky Mountain Territory—all of Colorado, Montana, and Wyoming. He replaces Ray Fallon, Jr., who resigned recently.

Dick, whose father is Harry Seevers, the dean of our sales force with 38 years service, will be traveling for Muel-

ler Co. for the second time. He joined us as a sales representative in 1950 after graduating from the University of Kansas with a Bachelor of Science degree in Industrial Management. He was on the road from 1950 to 1953 when he came to Decatur as Administrative Assistant to Mr. Morris.

In another move, H. W. (Bill) Cessna, our sales Representative for the State of Georgia, has also been assigned to the eastern part of Alabama. He will continue to travel the State of Georgia in addition to his new territory.

A man who was fond of playing practical jokes sent a friend this telegram, charges collect: "I am perfectly well."

About a week later the joker received a heavy package on which he was required to pay considerable charges. Inside, he found a block of concrete with this message pasted on it: "This is the

weight your telegram lifted from my mind."

* * *

Large Lady: "Little boy, can you tell me if I can get to the park through this gate?"

Little Boy: "I guess so, lady. A load of hay just went through."



Samuel B. Morris Cited on Retirement For His Contribution to Los Angeles

A civic and recognition program honoring Samuel B. Morris, General Manager and Chief Engineer of the Los Angeles (California) Department of Water and Power, on his retirement was attended by more than 1000 citizens and civic officials at the Biltmore Bowl in Los Angeles on September 28.

His retirement after 11 years in that capacity became effective October 1.

The Los Angeles system is the nation's largest municipally owned water and electric power utility. Mr. Morris was

Dean of Engineering at Stanford University, where he was graduated in 1911, before becoming manager of the Los Angeles system. For 23 years he served the Pasadena (California) Water Department, holding the position of Chief Engineer and General Manager, and thereafter was at Stanford University for nine years, first as head of the civil engineering department and then as Dean of the School of Engineering.

Mr. Morris is a past president of the American Water Works Association, has



won the AWWA Diven medal, Fuller Award, and recently was made an honorary member. While chief engineer of the Pasadena Water Department, he designed and supervised construction of the 325-foot-high Morris Dam. He has also been a consultant to the National Resources Commission and National Planning Board, and a member of the President's Water Resources Policy Commission.

Messages and tributes from officials citing Morris' "long and distinguished record as a public servant" were read at the luncheon.

"I would like to be included among those who pay tribute to Samuel B. Morris," former President Herbert Hoover wired from New York. "He is a great citizen and a great engineer."

Similar messages came from Vice-President Nixon, Senators Knowland and

Kuchel and Navy Secretary Thomas.

California Governor Knight sent this message: "No other factors have had a greater influence on the expansion of Southern California than water and power. Mr. Morris' service to his fellow Californians in those fields has been noteworthy."

Mr. Morris has been succeeded in the position by William S. Peterson, assistant general manager of the department.

Ben P. Griffith, president of the Los Angeles Board of Water and Power Commissioners, told luncheon guests that Mr. Morris had anticipated water power needs of his city and fulfilled every requirement of homes and industries for vital utility services. Mr. Griffith said that as Mr. Morris retires he leaves the Los Angeles department not only the largest municipally owned utility in

(Continued on Page 14)

Harlan A. White Is Named Assistant To Leo Wiant, Administrative Vice President

Harlan A. White, a partner with the firm of Gauger & Diehl, Certified Public Accountants in Decatur, has resigned to accept a position with Mueller Co., effective December 1, as Assistant to the Administrative Vice President. The appointment to the new post was announced by Leo Wiant, Administrative Vice President.

Mr. White joined the Decatur office of Gauger & Diehl after receiving a Bachelor of Science degree in Accounting from the University of Illinois in October, 1947. He became a partner with the firm October 1, 1954.

He is a veteran of World War II, having served from 1943-46 as an ensign in the United States Navy after receiving his commission from the Midshipman School at the University of Cornell. He was recalled to the Navy for service as a lieutenant in the Korean War from 1950-52.

Mr. White is a member of the Decatur Lions Club, the Decatur Club, the Association of Commerce and the Y.M.C.A. He also is a member of the Illinois Society of Certified Public Accountants and the American Institute of Accountants.

He is married, has two sons, and lives



HARLAN A. WHITE

at 1078 Evans Court. Mr. and Mrs. White are members of the Westminster Presbyterian Church in Decatur.

Samuel B. Morris . . .

(Continued from Page 13)

America, but in the opinion of the nation's leading financial houses, the most efficiently operated.

During Mr. Morris' tenure as general manager from 1944 to 1955, assets of the utility business owned by the citizens of Los Angeles have grown from \$368,-871,000 in 1944 to \$707,000,000 in 1955. Income from sales of water and power has increased from \$54,000,000 to \$100,-000,000 annually.

Bars are something which, if you go into too many of, you are apt to come out singing some of, and maybe land behind some of.

"Mr. Jones, can Daddy borrow your corkscrew?"

"Sure thing, Johnny. Just run along back home and tell him I'll bring it right over."

* * *

"Any big men born around here?" asked the tourist in a condescending tone.

"Nope," replied the native. "Best we can do is babies. Different in the city I suppose."

* * *

"I tell you I won't have this room," protested the old lady to the bell boy. "I ain't going to pay good money for a pigsty with a measly folding bed in it. Jest because I'm from the country . . ."

"Get in, mum, get in. This is the elevator."

Columbia, Missouri

Water, Light Plant's

Record Is Outstanding

MORE than 51 years have passed since Columbia, Missouri, purchased the plant and properties of the Columbia Water and Light Company. Municipal ownership had been approved on February 23, 1904, after three unsuccessful elections during a period of about one year; however, the plant actually was purchased on July 29, 1904.

Prior to the days of municipal ownership, the water supply for this well known college town not only was limited but also was insufficiently treated, and no doubt these conditions served to promote the movement for municipal ownership and operation of the utilities.

In the early days of Columbia, home of the University of Missouri and two nationally known colleges for girls—Stephens College and Christian College—water, principally for fire protection, was obtained from the impounded waters of Hinkson Creek with the dam and plant located east of the city. Electricity also was produced at this plant by a small steam engine driven 250 kilowatt generator. The use of power was limited to a few of the wealthier residents and business houses. Some street lighting also was furnished, but this was confined mainly to the business section.

The quantity of both water and power available was limited, and unit cost of production and distribution ran high which resulted in exceptionally high rates. For example, electric charges av-

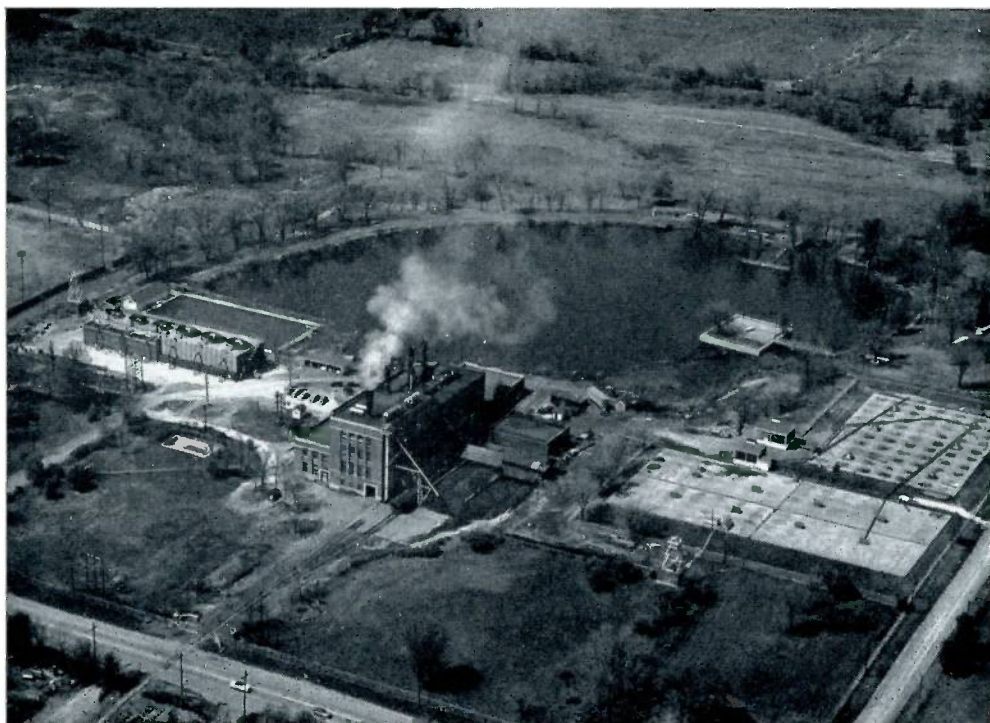


Standing around Mueller inserting equipment used during Columbia's current expansion of its water department facilities are, from left, Fred F. Williams, Director, Water and Light Department; Robert B. Herrin, Mueller Co. sales representative; Ed Hill, distribution superintendent, Water and Light Department, and Raymond Perkins, Water Department foreman.

eraged 15 cents per kilowatt hours as compared to the present .025 per kilowatt hours.

The people of Columbia first expressed a determination to own and operate their water and lighting systems at an election on November 23, 1903. Accounts and articles of that day indicate there was considerable bitterness displayed against the owners. Several serious fights occurred and feeling ran high. However, when the election was over, those backing municipal ownership were 50 votes short of the two-thirds majority needed for approval.

In less than a month, another effort was made, and the city voted this time to purchase the plant from the Columbia Water and Light Company at a cost of approximately \$40,000. This was followed by another election three months



An air view of Columbia's Water and Light plant. At right is the building housing the five million gallon reservoirs and aerators. In the background is Mores Lake. The cooling tower is at the extreme left.

The Municipal Building in Columbia where the Water and Light Department offices are located.

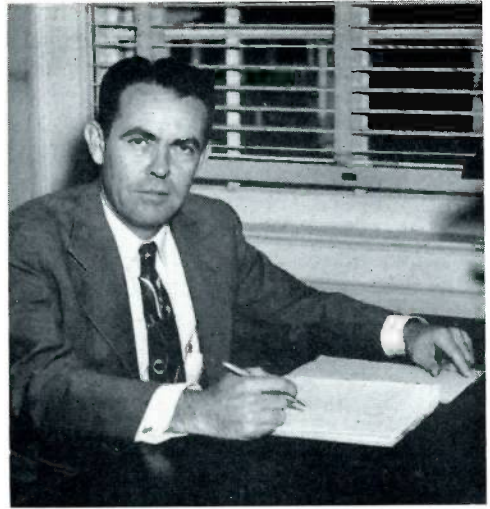


later for a bond issue of \$100,000 for improvements.

Soon after the purchase of the electric and water properties, the location was changed to its present site near Mores Lake on East Highway 40. The original equipment was installed in an old ice house and was operated until 1911. The lake was used as a water reservoir, and, to supplement the supply, water was pumped from several small wells and allowed to run along the ground into the lake. The intake for the city supply was from this lake and water was pumped directly into the distribution system.

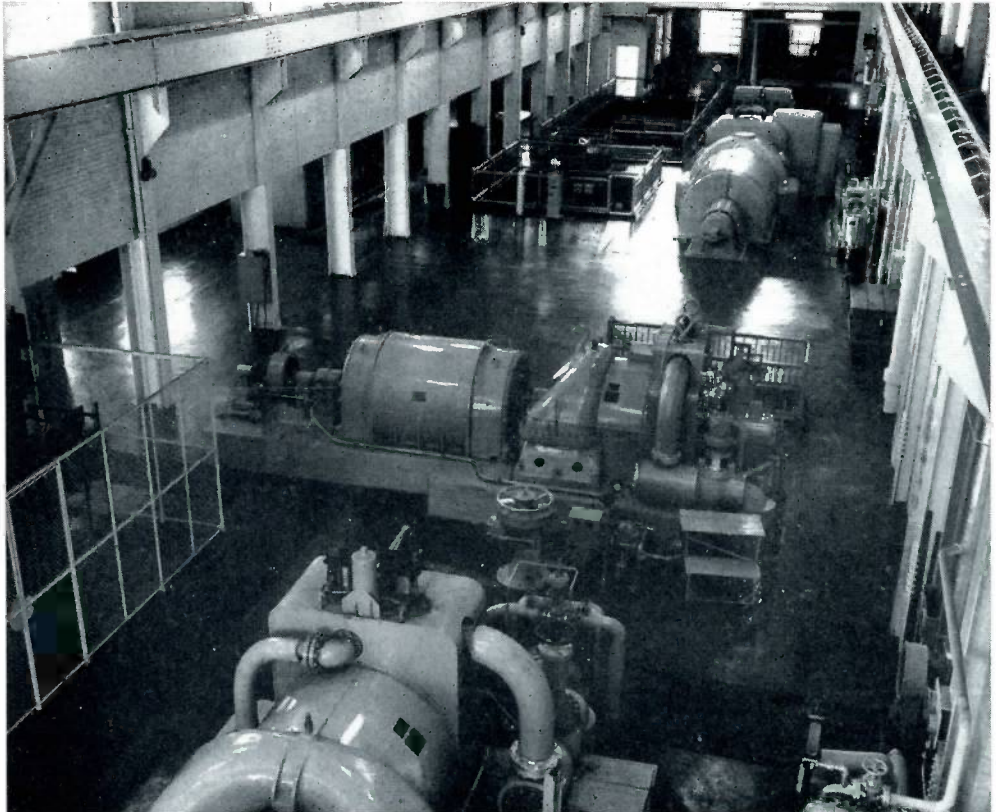
The use of this lake as a reservoir was continued until the construction of a concrete basin in 1917.

In the ensuing years under municipal ownership, the plant has grown from this small and shaky beginning to a solid and prosperous utility operation. The value has increased nearly 100 times, the number of customers 27 times, and



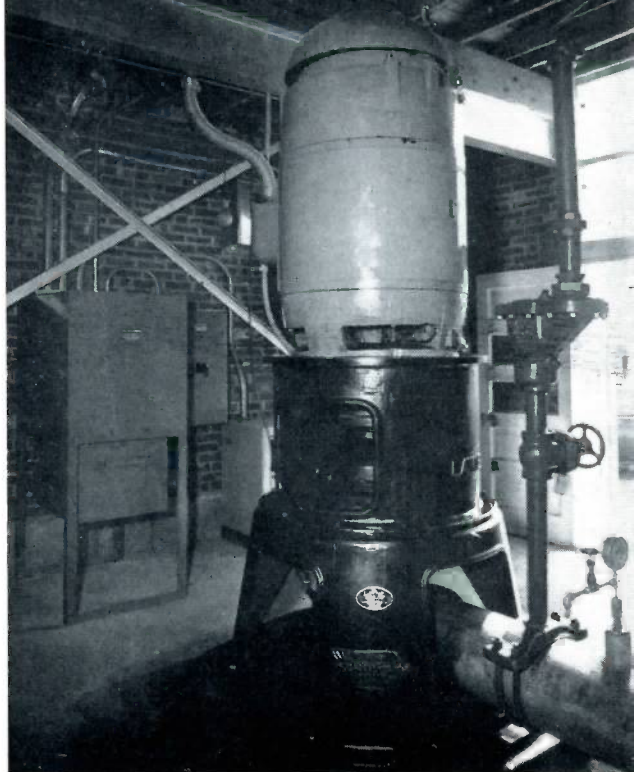
Fred F. Williams, Director, Water and Light Department, Columbia, Missouri.

An interior view of the Water and Light Plant. Shown are four turbo-generators.



production capacity about 75 times. Since 1920, the Water and Light Department has contributed about 30 per cent more for the general fund through taxes, appropriations and loans than did the citizens of Columbia in real and personal property taxes. These funds were spent for capital improvements such as a new Municipal Building, Fire and Police Building, Public Library, Airport, Refuge Disposal system, and swimming pool and parks as well as for current expenses.

This record of achievement was generally known to some people in Columbia, but City Manager Leo Hill and Fred H. Williams, director of the Water and Light Department, believed that a great number of citizens were unaware of the specific facts of operation. Therefore, in 1954, the year marking the department's first 50 years of operation, a commemorative observance of this half century of progress was held to inform the public of the department's outstanding record.



A deep well pump, one of five serving Columbia. It has a capacity of one and one-half million gallons per day.

These famous landmarks are the columns of the old administration building on the University of Missouri campus.





This is Missouri Hall, one of the buildings on the campus of Christian College in Columbia.

The Administration Building at Stephens College in Columbia.





Memorial Stadium, home for the University of Missouri Tigers' football team.

As a part of the "Water and Light Golden Jubilee Week" the history and progress of the plant facilities were recalled. It was in 1910 that a bond issue provided two 400 HP Heine low pressure boilers and one 500 kilowatt General Electric turbine generator with jet condenser. This represented the first step toward improvement and increase of capacity for the power plant.

Columbia property owners were taxed for payments of bonds and interest and a part of the operating expenses of the department up to 1914. Since then the systems have been self supporting and have met all operating expenses as well as provided funds for expansion and improvements to the properties.

During the first twenty years of municipal ownership, the taxpayers paid through bond issues, both principal and interest, a total of \$329,100. Free service to the city during that period amounted to \$350,219.

The water system has been developed from a make shift reservoir and shallow

wells to a source of supply consisting of five large deep wells obtaining water from gunter and acquifer at an approximate elevation of 1,200 feet below the ground surface. The total capacity of the five wells is 4,125 gallons per minute or 5,940,000 gallons per day. In addition, the 1,000,000 gallon capacity elevated tank provides additional storage and stabilizes water pressure in the extensive water distribution system and its 520 fire hydrants.

There are approximately 7,400 water services in Columbia and that number is increasing at a rate of about 300 per year. A new reconstruction and expansion program of the distributive system has been in progress for some time now to provide new service connections immediately and new extensions for this expanding city.

Fred F. Williams, the department's director, came to Columbia in 1951 and has been in utility operation for 17 years. A graduate mechanical engineer from the Rolla School of Mines, Rolla,

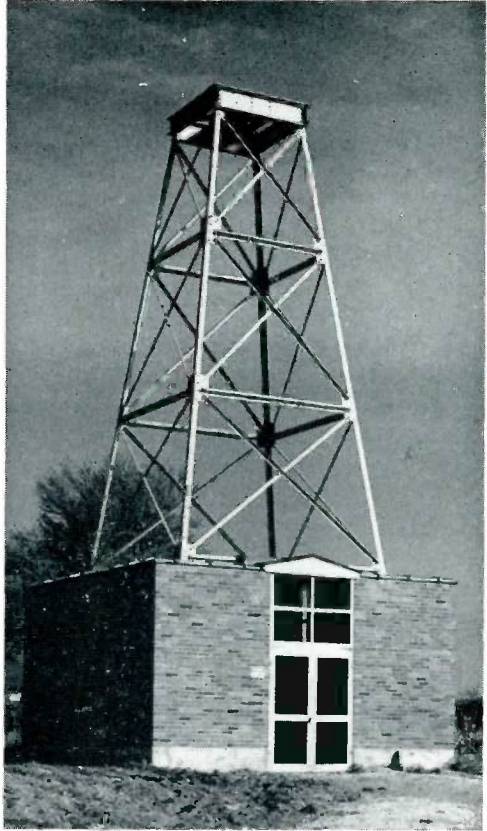
Missouri, Mr. Williams is an astute business man as well as utility expert. He began his career in Poplar Bluff, Missouri in 1938, went to Chanute, Kansas in 1944, returned to Missouri in the City of Fulton in 1949, and then took over the Water and Light Department in neighboring Columbia two years later.

City officials other than City Manager Leo Hill are Mayor Howard B. Lang, Jr., and Councilmen Dr. Robert Karasch, Frank Lamb, C. H. Hinshaw, and R. R. Worley. Dr. Karasch is a University of Missouri professor. Mr. Lamb is a jeweler and Mr. Hinshaw and Mr. Worley are merchants.

The City of Columbia was one of the first to purchase Mueller Inserting Equipment to make taps to mains for services and has been using our inserting valves for many years.

Displaying their good neighbor spirit, the city has loaned and supervised the use of this equipment many times to neighboring cities including such towns as Boonville, Fulton and Moberly.

"We've been too busy with our expansion to help our neighbors as much as usual the past year," Mr. Williams said. "We're always ready with our Mueller Co. equipment in any emergency they may have though," he added.



One of five well houses. Wells are 1,200 feet deep and water is pumped into the water plant where it is aerated and chlorinated.

The Ellis Fischel State Cancer Hospital in Columbia.





The Memorial Student Union Tower, part of The Student Union Building at the University of Missouri.

To cite an example of the value Mueller equipment has been to this city, in 1954 the department installed three Mueller inserting valves on a main in the downtown section that has been in service for 50 years. Our inserting machine saved the business district from experiencing a water shutoff during the entire operation.

Recording Our Thoughts

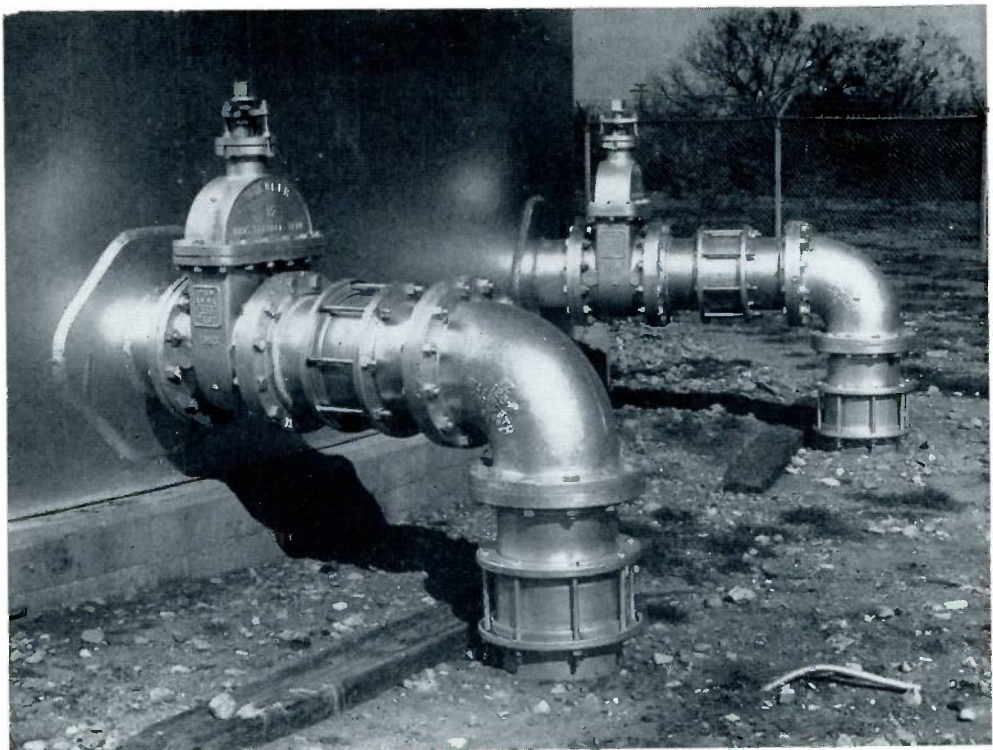
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Scottsdale, Arizona. The new address is 6250 East Monterosa Avenue.

* * *

This is the month in which we annually introduce our company officers. Although many of our customers and friends will be acquainted with each of them, it is our opinion that a great many newer members of the Waterworks Industry will be interested in getting acquainted through the pages of the **MUELLER RECORD** with the men who head Mueller Co.

Two 12-inch Mueller Co. valves rest at the base of the new standpipe recently constructed at Gonzales, Texas.



Roy Abel Is Assistant To O. E. Walker, Vice President and Works Manager

A former member of a Chicago engineering firm has been named Assistant to the Vice President and Works Manager of the Mueller Co.

He is Roy Abel, who was a member of the firm of Albert Ramond & Associates, Chicago management consultants, until he came to Mueller Co.

The appointment to the newly created position was announced by O. E. Walker, Vice President and Works Manager, who is in charge of all Mueller Co. factories in the United States.

For the past 15 months, Mr. Abel has been on special assignment from the Chicago firm as a consultant for Mueller Limited, subsidiary of Mueller Co. at Sarnia, Ont., Canada.

He was graduated from Ohio State University in 1943 with a degree of Bachelor of Industrial Engineering. He joined the Firestone Tire and Rubber Co. after graduation and was with that company until he entered the Navy as an ensign in 1944. During World War II service he was a member of an underwater demolition team until it was decommissioned in 1945 and later became an officer on the staff of the Commander, Sea Forces, Hawaiian Sea Frontier.

Mr. Abel became a field representative for the James F. Lincoln Arc Welding Foundation of Cleveland, Ohio, in October, 1946, and in April, 1947, he was employed by the Lincoln Electric Co. at Cleveland as a time study and methods engineer.

In 1949, he entered Cleveland College, Western Reserve University, as a graduate student studying business administration, and in February, 1950, he was named Executive Assistant to the President of Wagner Awning and Manufacturing Co.

In 1952, he joined Albert Ramond & Associates.

Mr. Abel is a member of the American Institute of Industrial Engineers and the Institute of Management Science. He is married and has two sons,



ROY ABEL

John Christian and Douglas Edward. His family will join him in Decatur in February.

Wistful Thinking

"I feel like taking that beautiful blonde out again tonight."

"Have you taken her out before?"

"No, but I felt like it once before."

And Advice Is Free

Marriage teaches a man thrift, regularity, abstinence, and many other splendid virtues he wouldn't need if he were single.

Service Is Our Motto

A motorist and his wife traveling through the Blue Ridge Mountains of Tennessee stopped at a one-pump gas station before a mountaineer's cabin. After the man told the proprietor to fill the tank, his wife asked: "Is there a rest room here?"

"No, ma'am, there isn't, but you'll find a mighty comfortable rocker up there on the porch."

MUELLER®

**CUT-IN SLEEVE AND VALVE
GIVES ADDED CONTROL—**

at low cost!



You can add needed control valves on 4", 6", 8", 10" and 12" cast iron mains quickly, easily and at low cost with the Mueller Cut-In Sleeve and Valve.

Both the sleeve and valve are equipped with mechanical joint to give permanent connections in a minimum of time. A Cut-In Sleeve and Valve of a nominal size will fit all classes of pipe in that size range, by using a specific type of end gasket. A variety of types of end gaskets are available for all classes of pipe.

The Mueller Cut-In Valve is available with conventional packing or "O" ring stem seals. The exclusive Mueller four-point disc wedging mechanism exerts seating pressure near the perimeter of the discs — prevents disc deflection and assures positive shut-offs. Consult your Mueller W-96 Catalog, your Mueller Representative, or write direct for complete information.

MUELLER CO.

Dependable Since 1857

MAIN OFFICE & FACTORY DECATUR, ILLINOIS