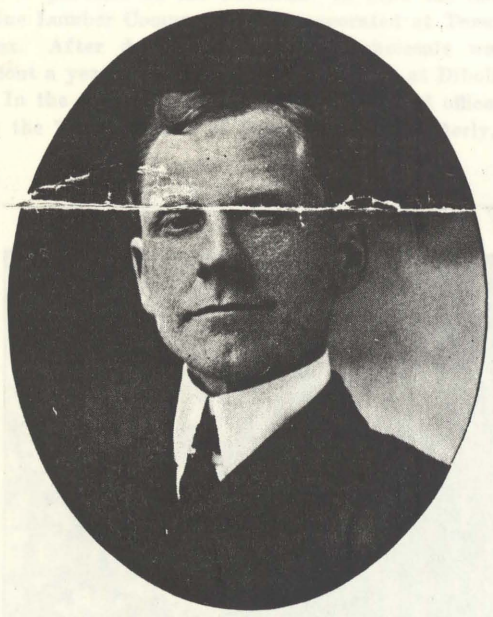
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SOUTHERN PINE FROM FOREST TO RETAILER.

The Evolution of a Texas Enterprise—Personality and History of Its Guiding Spirit—Its Extensive Timber Supply and Its Tributary Railroads—Equipment and Conduct of a Modern Saw Mill and Planing Mill Operation—Nicety in Manufacture Reflected in High Character of Output—The Men Who Handle a Perfected Product—An Important Factor in the Texas Industrial World as Depicted by Type and Camera.



William Temple, Fulton, Ark.

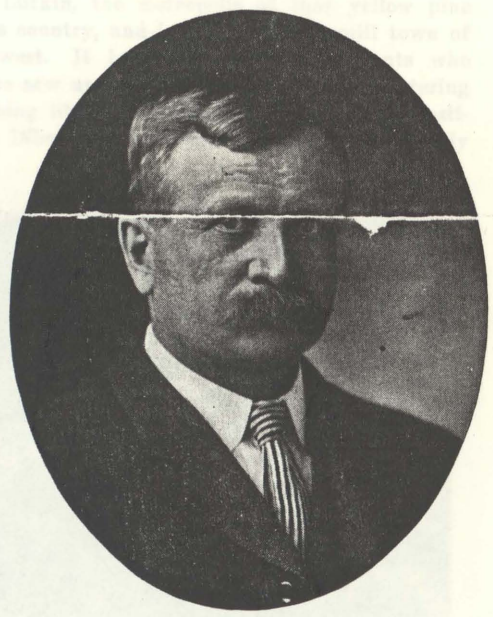
EARLY HISTORY.

The entire history of the Southern Pine Lumber Company from the very beginning until the present time is largely the history of one man and his efforts to build up an honest, unpretentious, but paying business in the manufacture and distribution of yellow pine lumber. The history of this company is interlaced with and woven about that of T. L. L. Temple. There was a time when Mr. Temple's personality was the total capital and surplus; and now when the business of the Southern Pine Lumber Company has grown into national importance it is not at all strange that his personality still pervades every department of the superstructure which has been reared; and that from the foundation stone to the well laid roof of this business edifice the theme of the evolution has been his personally applied efforts.

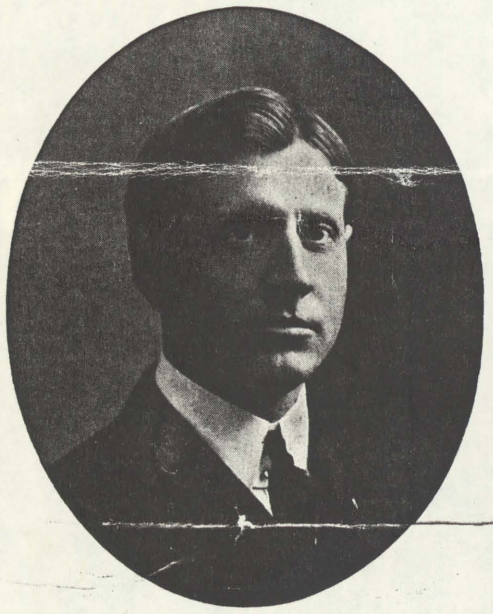
So it falls out that when stock has been taken of all the information that has been gathered together and the writer seats himself to the pleasant task of weaving these facts into a printed story of the rise of this business he finds that History is Biography and that Biography is History. This business did not just happen—and yet it is not a business which was deliberately created in all its parts or worked out in well perfected plan and blue print and then erected.

Fully to understand the now existing Southern Pine Lumber Company we must discuss the personal history of its founder.

Thomas Louis Latane Temple, of Texarkana, Ark., is a southwestern mill man who has worked for years against all kinds of obstacles that beset the path of the average yellow pine manufacturer, and yet has occupied a "firing line" at the end of each year of business considerably advanced as to location when compared to each previous year. He is a native of Virginia, his ancestry on his father's side being Cavalier, on the side of his mother Huguenot. He was born in Essex county, that state, is 1859. His father, H. W. L. Temple, was a clergyman of the



Fontaine McCullam, Texarkana, Texas.



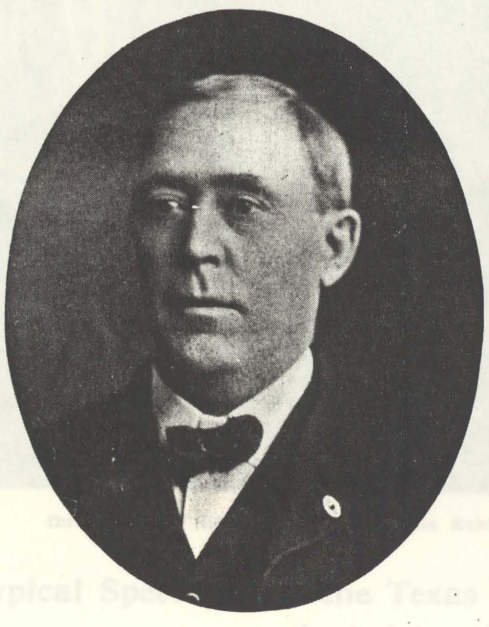
Watson Walker, Diboll, Texas.



T. L. L. Temple, Texarkana, Ark.



H. W. Walker, Indianapolis, Ind.



R. E. Rogers, Lincoln, Neb.



J. E. Fleming, Fort Scott, Kan.

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Protestant Episcopal church. He was left an orphan at the age of 11 years. His boyhood days were spent at Aberdeen Academy, in Virginia. In September, 1876, when 17 years of age, he removed to Little River county, Arkansas. He began life in the southwest by working in a clerk's office and in various other capacities in southwestern Arkansas, making his residence at Texarkana during and after 1877. He entered the lumber trade in Texas at a little place called Wayne, a town on the Texas & Pacific railroad eight miles below Atlanta, Tex.

In 1887 he became a member of the Atlanta Lumber Mills, at Atlanta, Tex., being then 28 years old.

In 1889 Mr. Temple went to Kingsland, Ark., and organized the Southern Pine Lumber Company, which was afterwards incorporated, the company buying out other partners in the business. In 1893 the Southern Pine Lumber Company was incorporated at Texarkana, Tex. After doing business in a wholesale way for about a year the company bought timber at Diboll, Tex.

In the earlier years Mr. Temple occupied offices over in the Texas portion of Texarkana, and latterly, until within a few weeks of the present date, his offices have been located in a building which stood, until it was recently destroyed by fire, on the corner of Broad street and State Line avenue, on the Arkansas side of Texarkana. That has been distinctively the home of the Southern Pine Lumber Company since the beginning of the period of its great prosperity, although the manufacturing end of the business practically since 1893 has been exclusively in the state of Texas, at Diboll, the town aforementioned, 125 miles from Shreveport and 107 miles from Houston, on the Houston, East & West Texas and Texas Southeastern road.

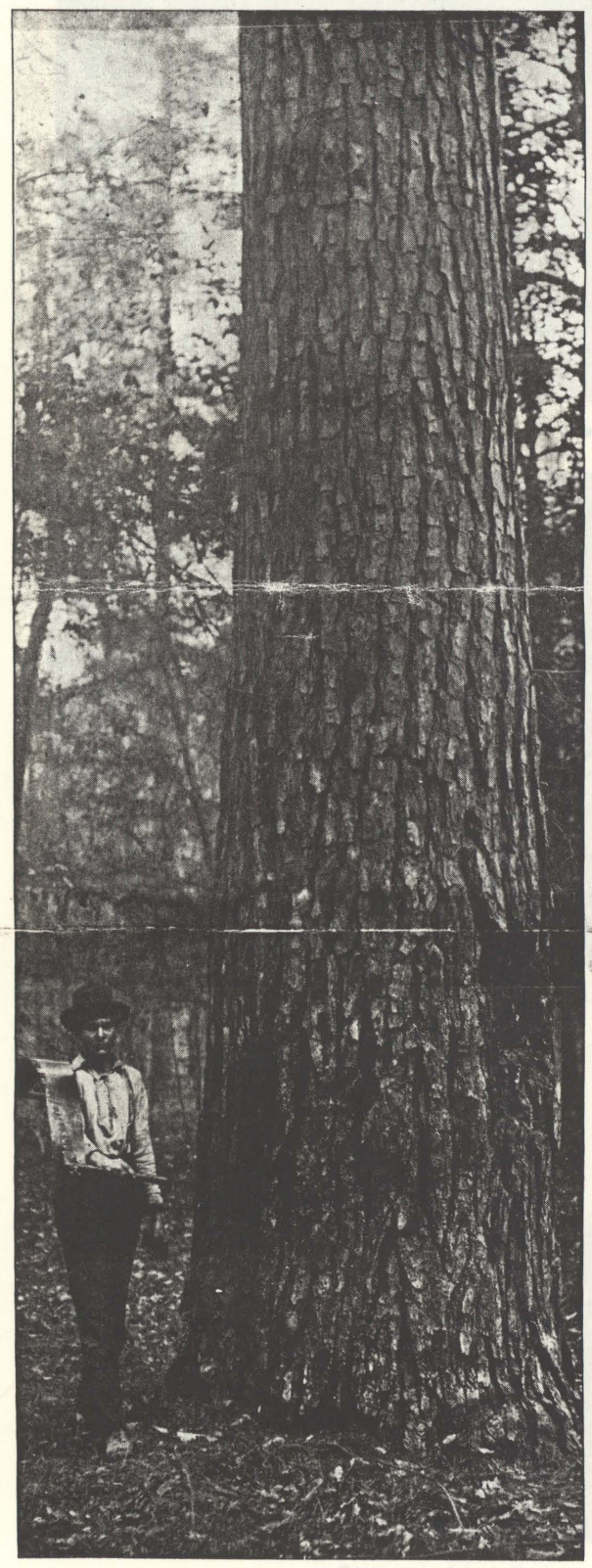
Here and in this connection it should be mentioned that T. L. L. Temple is very much responsible for the organization of the Lufkin Land & Lumber Company, which has made such a mark in the world of yellow pine lumber production. He originated the timber purchase of that concern in 1898, buying the M. T. Jones tract of timber of about 12,000 acres in Angelina county and following that by purchasing 13,000 acres more in San Augustine county. Mr. Temple interested E. W. Frost in the matter; hence the Lufkin Land & Lumber Company. Mr. Temple owns one-third of the stock in the Lufkin Land & Lumber Company. He is also a director in the company.

Mr. Temple was one of the prime movers in the building of the Texas & Louisiana railroad out of Lufkin twenty-five miles and which was a little less than two years ago sold to the St. Louis Southwestern system.

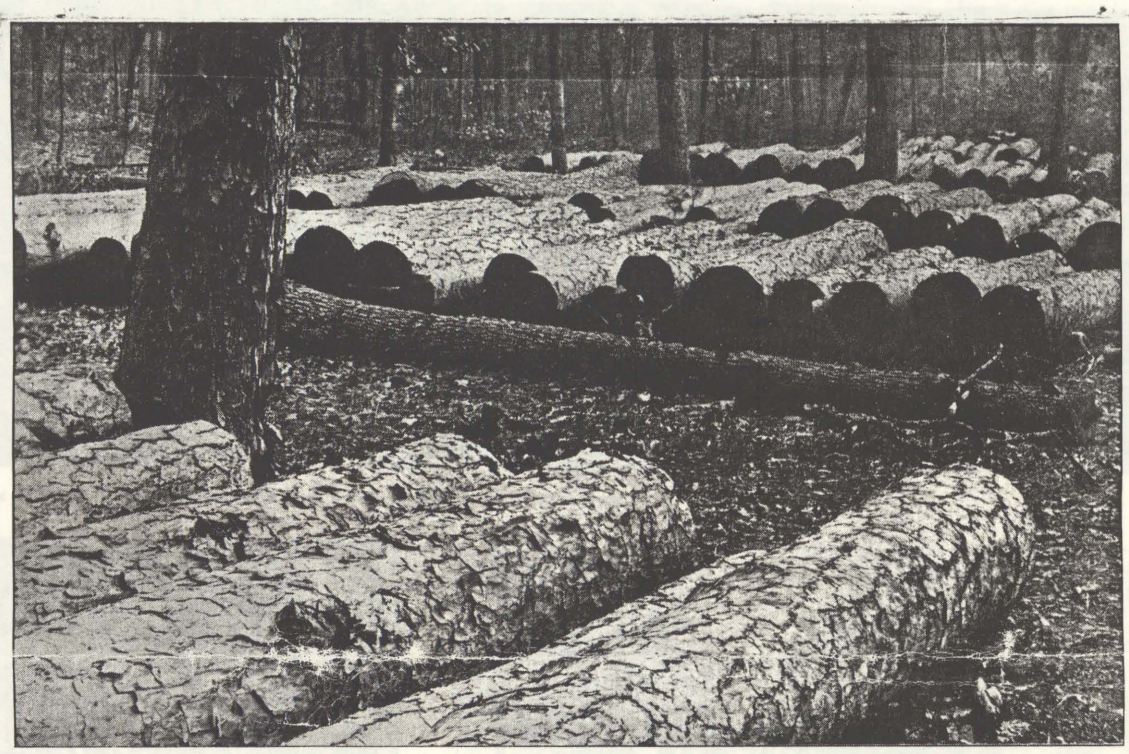
Since the beginning of the Southern Pine Lumber Company T. L. L. Temple has been its president and William Temple, of Fulton, Ark., has been vice president of the company.

AFFAIRS AT DIBOLL.

Diboll, Tex., is situated 125 miles south of Shreveport on the Houston, East & West Texas and Texas Southeastern railways, in Angelina county ten miles south of Lufkin, the metropolis of that yellow pine east Texas country, and is a typical saw mill town of the southwest. It has about 1,000 inhabitants who live by the saw and about the saw. Without entering into anything like statistical details it is safe to estimate that Diboll will be a saw mill town distinctively



One of Texas' Shortleaf Giants—Pinus Echinata.



Along the Right of Way—Where the Garnered Timber Crop Awaits Transportation to the Mill.



The Track Layers Push the Logging Road Farther and Farther into the Depths of the Forest.

Typical Specimen in the Texas Shortleaf Pine District and Interesting Phases of Logging Operations Conducted by the Southern Pine Lumber Company, at Texarkana, Ark.

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and particularly for at least twenty-five years to come. The account in these columns will probably not show enough timber to attest this length of life, but there are always some things that one must read between the lines, and the possible continuity of Diboll as a saw mill town is one of those things.

The railroad station and postoffice are the same, but the Southern Pine Lumber Company receives its telegrams from the Western Union lines at Lufkin, Tex., by telephone and very promptly. All telegrams should be addressed to Lufkin, Tex., from which point they will be forwarded as suggested.

Mr. Temple was the pioneer from the Texarkana school of lumbermen in the Angelina county district of yellow pine in eastern Texas. His first purchase, made from the man for whom the town of Diboll was named, was accomplished in the latter part of December, 1893, and consisted of 7,000 acres. This, however, was only an entering wedge, for since that time the Southern Pine Lumber Company has purchased, either in timber and land or just in timber, what will aggregate today, not counting that which has been cut in the meantime, a total of 500,000,000 feet of yellow pine stumpage.

Besides the yellow pine stumpage there is on the land owned by the Southern Pine Lumber Company 100,000,000 feet of valuable hardwoods, which are not now being manufactured. In this connection it would be well to announce that the Southern Pine Lumber Company is extremely anxious to get a hardwood concern to establish a mill on its lands to manufacture its hardwood timber into lumber. The opportunity is great.

The First Mill.

Immediately after the purchase of the first 7,000 acres of timber and the founding of the town of Diboll, the Southern Pine Lumber Company proceeded at once to purchase saw mill machinery and to erect a single circular mill. The mill was begun in March, 1894, and was pushed rapidly to completion. Immediately following the erection of the saw mill a small Hall & Brown Wood Working Machinery Company planing mill was erected. The saw mill had a capacity of 50,000 feet daily and the planing mill was of the proper capacity to complement the saw mill in its work.

Right here under the caption of "The First Mill" it is possible to draw a very telling comparison in the evolution of saw milling which the Southern Pine Lumber Company has made in the comparatively few years of its life.

The first saw mill at Diboll cut 50,000 feet a day. There is being produced there now during each twenty-four hours 250,000 feet of lumber. The first planing mill contained five machines. The planing mill of today, which along with the saw mill will be described later on in this article, contains seventeen machines.

Woods and Railway Operations.

The Southern Pine Lumber Company does its own logging and over a system of railway which means almost more to the company than any other feature of its manufacturing interests.

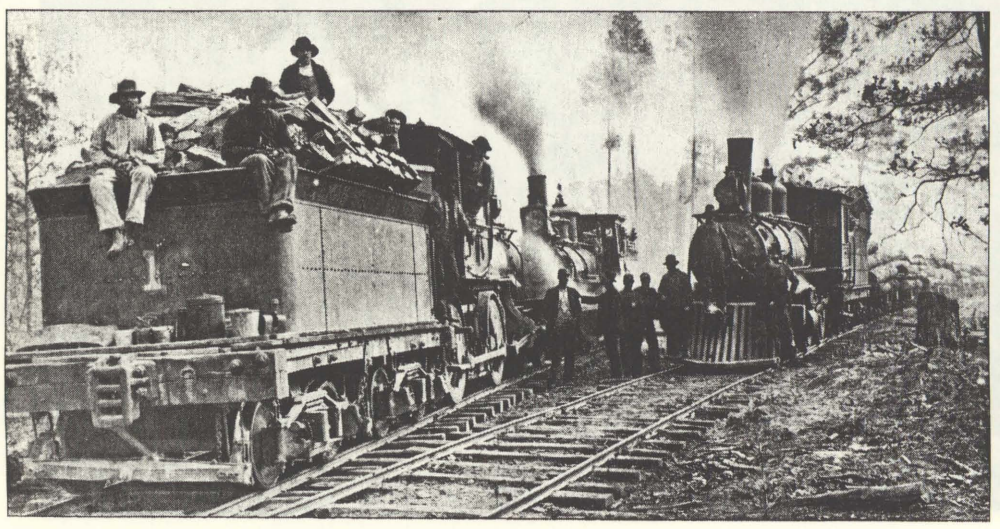
This railroad referred to is the Texas Southeastern, of which W. J. Raef, located at Diboll, Tex., is the general manager. This road runs from Diboll Junction and connects with the Cotton Belt. From Ashford to the log camp is a distance of twenty-one miles, making in all



The Ox Teams in the Timber of the Southern Pine Lumber Company.



Mule Teams and Big Wheeled Carts Lined up for a Day's Work.



Engines and Log Trains in the Woods.



The McGiffert Log Loader at Work—An Indispensible Auxiliary of the Company's Operations.

Scenes in the Extensive Logging Operations Conducted in the Texas Timber of the Southern Pine Lumber Company, with Headquarters at Texarkana, Ark.

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in extent of laid rails something like thirty-five miles in total length. This road was begun in 1894 by William M. Atwood, who had contracted to log the mill. It was sold to James J. Bonner in 1896 and the Southern Pine Lumber Company bought the road in 1897 and changed it from a narrow gage to standard gage. The company was incorporated and chartered in 1900, with T. L. L. Temple president and Watson Walker secretary.

The Southern Pine Lumber Company uses for handling the logs a McGiffert log loader, which has been in successful operation four or five months.

The logs are brought in and dumped into a made pond covering ten acres of ground which will hold 2,000,000 feet of logs. This log pond was built at considerable expense, is fed by natural streams and is an affair upon which the company can always depend for successful and continuous log storage.

The New Saw Mill.

The erection of the model mill at Diboll—which is illustrated herewith in a sweeping panoramic view showing the elevation of the plant and the surroundings—was indeed a swift piece of saw mill building. The company broke ground for the erection of the saw mill on March 1, 1903, and began running on June 12 of that year. It is not often that a mill of that size and character is erected in 104 days, as was this. Yet it is as fine a piece of saw mill architecture as if the building of it had been drawn out through several months of time.

It would not be sufficient simply to say that this mill exists and that it cuts a certain number of feet daily, as that would not tell the story as it should be told to an intelligent reader. The mill building is two and a half stories high and is situated in a building the dimensions of which are 60x208 feet.

The band mill on the short side has a carriage 20 feet in length and on the long side a carriage 32 feet in length. The long length carriage is run by a 12-inch shotgun feed, which insures the quickness and accuracy necessary to profitable lumber making in these days. The shotgun feed on the short side of this mill is 10 inches in diameter. The size of the shotgun feeds is a distinctive feature of this mill. It is a thoroughly settled question that the shotgun feed can scarcely be too big to insure all of the speed and power necessary to keep the saw "always in the log." A 500-horse power Filer & Stowell 24x40 inch Corliss engine runs the saw mill and lath mill.

Four boilers are employed in which to generate the power necessary.

Besides the lumber output—250,000 feet in twenty-four hours—there is produced at this mill also 60,000 lath daily.

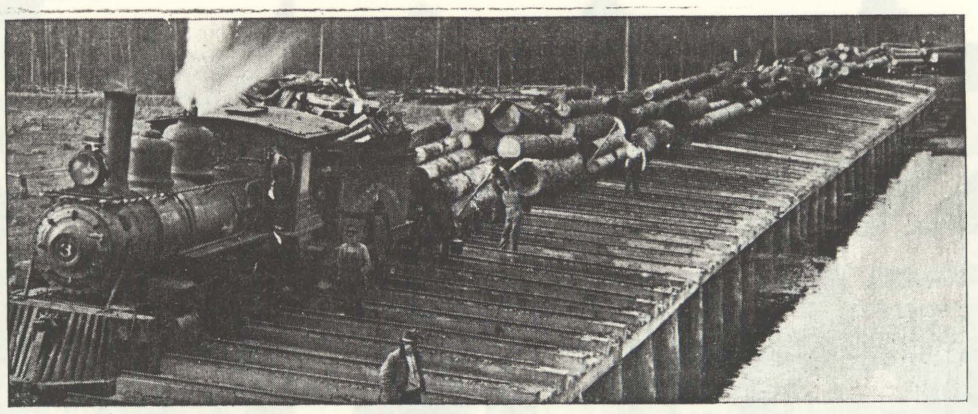
Handling the Lumber.

The lumber from this saw mill goes out on an automatic carrying table to the east, where it is handled to the cars by hand. In handling to the yards it is placed on "dolleys" and run to the yard, where it is piled "down and up," this being the system of piling in vogue at Diboll as much for convenience in piling as it is in economy of space used. The management at Diboll believes in high piling rather than in a lumber yard spread over many acres of ground.

A considerable portion of this lumber yard is shown in the panoramic view referred to elsewhere.



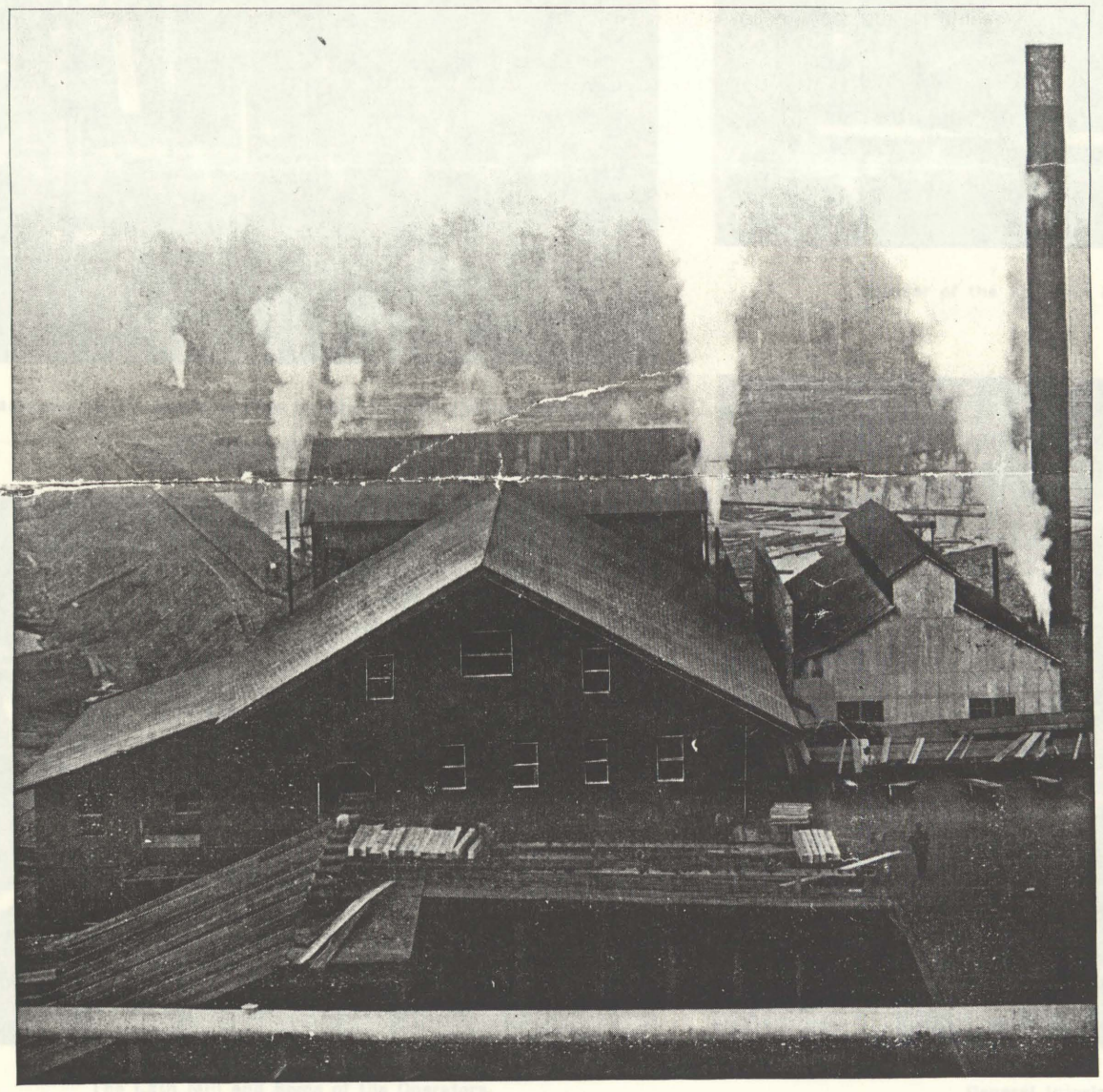
Mr. Massingill, Woods Boss.



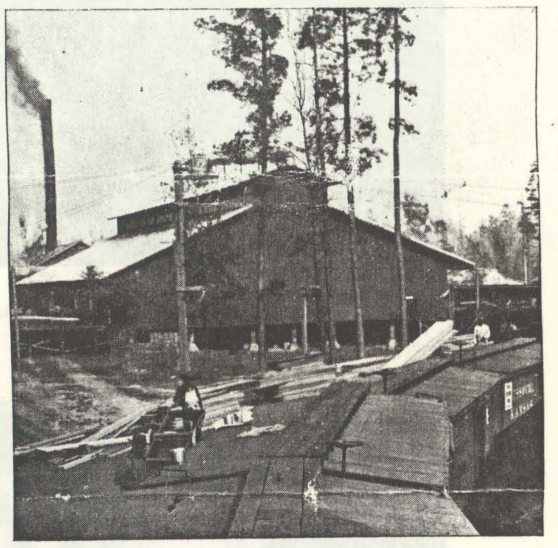
The Log Train at the Southern Pine Lumber Company's Pond.



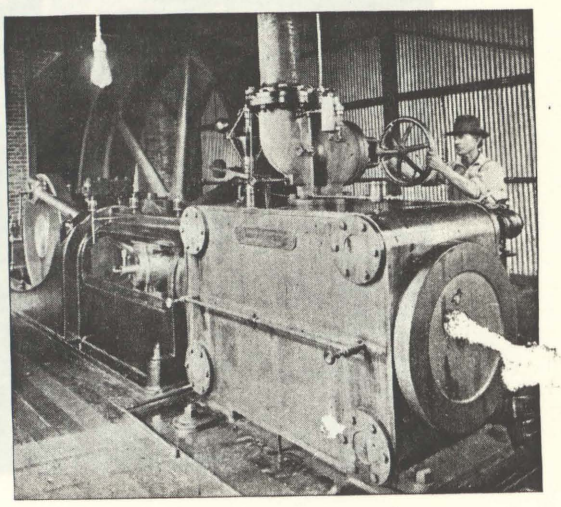
Emmit Massingill, Scaler.



Birdseye View of Saw Mill and Mill Pond from the Water Tower.



Planing Mill and Loading Track.



Big Corliss Saw Mill Engine.

Features of Woods Work, and of the Planing Mill Operations of the Southern Pine Lumber Company at Diboll, Tex.—Making High Grade Yellow Pine.

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The Dry Kilns.

The dry kilns are located about 200 feet from the saw mill and are superior in construction and efficiency. They consist of six rooms 20x120 feet in area and are built entirely of brick, so that they are as nearly fireproof as it is possible to get a structure of that sort. These kilns were erected by the National Dry Kiln Company, of Indianapolis, Ind. The kilns will hold altogether 300,000 feet of lumber when filled. It may authoritatively be said that they will turn out 100,000 feet of perfectly dry stock daily. All the better grades of stock are run through these kilns, thus insuring to the customer the highest and most uniform quality of stock.

The Planing Mill.

The planing mill of the Southern Pine Lumber Company at Diboll is a model in every respect. An especially fine photograph of the interior of this mill has been secured by a LUMBERMAN staff artist and is presented in this illustrated portion of the story that accompanies this text.

It is possible to have the machines in a mill scattered too far apart, and to have the mill interior too large. To have the room just of the right size is a problem that is not always easily solved. This plant, however, contains many excellent features in the line of planing mill architecture and arrangement. The floor of this mill is 80x180 feet in area and the machinery, which is largely of the Hall & Brown Wood Working Machinery Company's make, consists of one outside molder; one inside molder; one double sizer; one 18-inch machine; three 15-inch machines; six 9-inch machines; two resaws and two edgers.

The power to run this planing mill is generated in three boilers 60 inches in diameter and 16 feet in length and when so generated is transmitted to the machinery by a Giddings & Lewis engine.

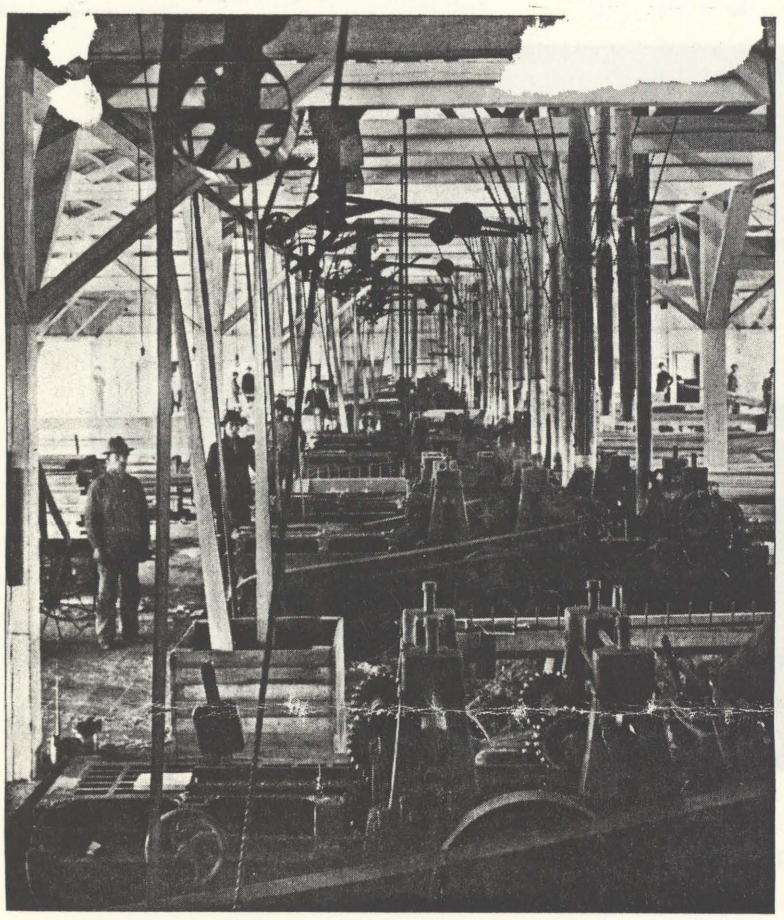
The blower system consists of one double 70-inch and one double 50-inch blower and the necessary piping. After the planing mill and dry kiln have been supplied the extra sawdust is carried to a shavings house centrally located.

In constructing this planing mill at Diboll the management of the Southern Pine Lumber Company followed in the footsteps of the most successful lumber manufacturing concerns in erecting a plant that could handle every foot of the product of the saw mill if the stuff should all be cut into inch lumber. This planing mill at Diboll has a capacity of 250,000 feet daily.

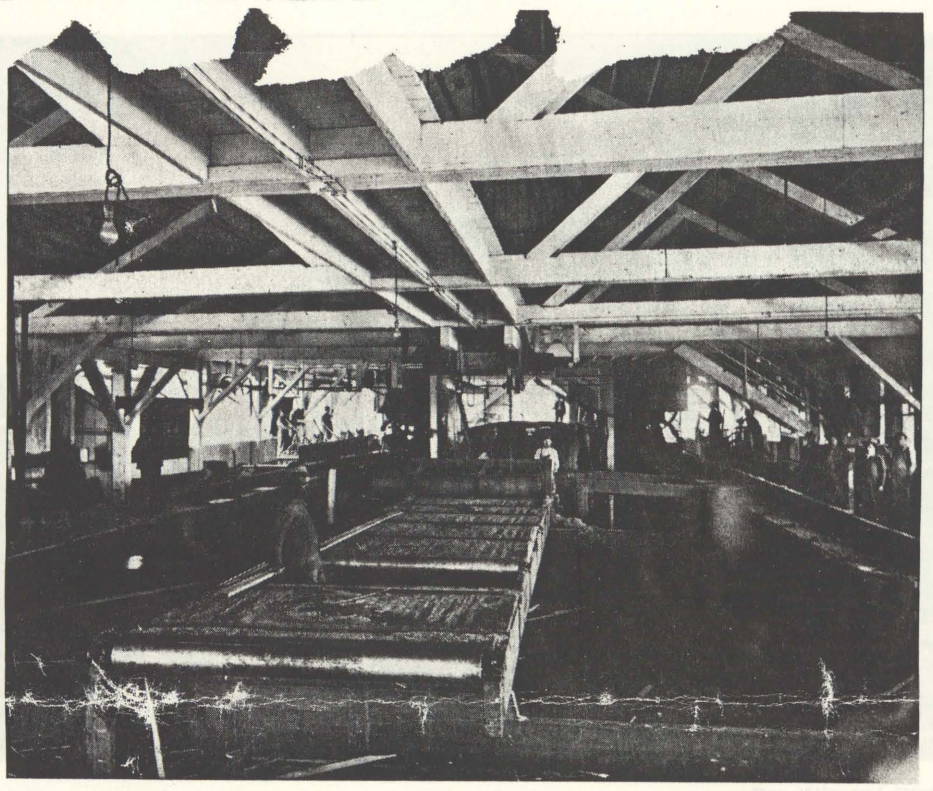
Water, Fire, Light and Telephones.

The water necessary for fire protection and for steam purposes is taken from the main water pond, which is situated below the big log pond. The water supply is perfect, it never having been necessary to stop the mill a single day from lack of water.

There is a 90-foot high tank which holds 33,000 gallons from which a Morse pump with an 8-inch suction and a 6-inch discharge, which insures 500 gallons a minute capacity, and it handles the water supply to the great lines of piping which permeate all the yards and various mill buildings, dry kilns, houses etc. It is safe to say concerning this piping that it is of sufficient size and character fully to protect every portion of the premises, and there are hydrants at every point where it can be possibly necessary to tap the supply for fire protection.



Machines in the Southern Pine Lumber Company's Planing Mill.



Interior of the Southern Pine Lumber Company's Saw Mill.



The Lath Mill and Some of the Operators.



General Interior View of Planing Mill.

Interior Views of the Planing Mill and Saw Mill of the Southern Pine Lumber Company, at Diboll, Tex.—Headquarters, Texarkana, Ark.

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The dynamo which runs the electric light is situated in the dry kiln boiler house and procures its power from those boilers. It is of sufficient capacity to run and does run eighteen arc lights and 200 incandescent lamps.

There is a telephone line connecting the office at Diboll with the log camp, the railroad office and the city of Lufkin. The company also has connection in its office at Diboll with the Southwestern Telephone & Telegraph Company, so that Diboll is practically within long distance telephone range of the whole southwestern territory, which is a convenience not always enjoyed by similar plants.

STRONG IN LIEUTENANTS.

While Mr. Temple's individuality has permeated all branches of the efforts of the Southern Pine Lumber Company from the very beginning and he has been distinctively the founder and manipulator of all its affairs, he has been wise in the choice of his lieutenants and has depended specially and particularly upon their wisdom, foresight and integrity.

Fontaine McCullam is general sales agent, having charge of the sales of the company at Texarkana, from which point all the sales are made, the business aggregating 60,000,000 feet annually. The other active office men are M. D. Wisdom, bookkeeper, and H. A. Carpenter, stenographer. Stenographic and general work in the office is also done by Miss Willie Smith.

The product of the company is disposed of on the road by Joseph E. Fleming, H. W. Walker, Vance L. McCarty, J. C. Smith, C. L. Knowles and R. Eugene Rogers.

Watson Walker is the manager of the plant at Diboll. Charles Fredericks is the saw mill foreman; William Ashford is the planing mill foreman; Sam Lingard is the shipper of the lumber; John A. Massengill is woods foreman; R. B. Tucker is the yard foreman and W. J. Raef is general manager of the Texas & Southeastern railroad. These people particularly form the manufacturing corps of lieutenants.

There are on the pay roll of the Southern Pine Lumber Company all told, including the men on the road and all of the people employed about the plant and in the general office at Texarkana, about 300 people.

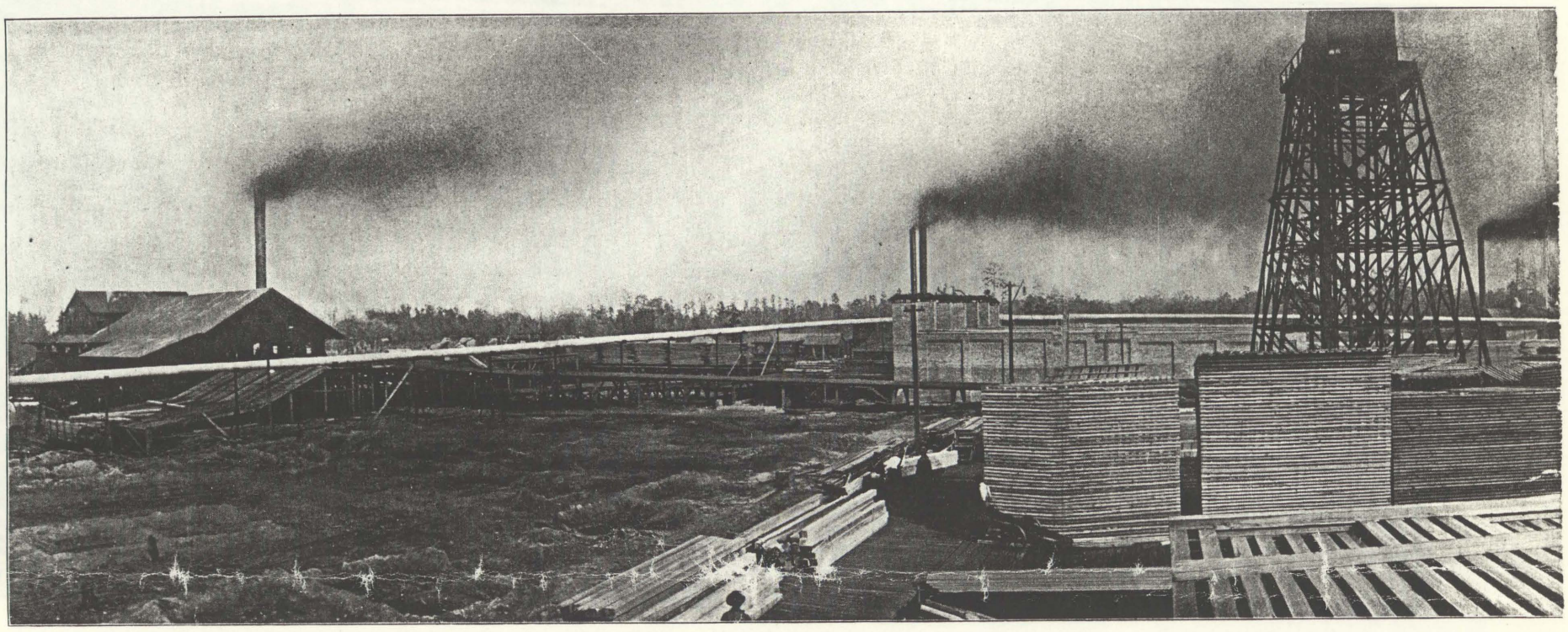
To show something of the personnel of the people who assist Mr. Temple and work with him in the manipulation of this successful business, there will follow short biographical sketches of the principal ones. The great picture story consumes so much of the allotted space that only short biographies can be printed and of but a few of the people who are connected with these interests.

Fontaine McCullam.

Fontaine McCullam, who has charge of the general sales of the Southern Pine Lumber Company from the office in Texarkana, was born in Boston, Mass. Early in life his parents moved to Milwaukee, Wis., where he was educated.

He began in the lumber business in 1868 as tally boy on the Chicago lumber market for Emery & McCullam at the foot of Franklin street. He was a bookkeeper for some time for B. L. Anderson on Fisk street, Chicago. He did office work for S. A. Brown & Co., who had an office on the lumber market, and afterward became their buyer and bought all the lumber they handled. His connection with that firm lasted six years.

Later Mr. McCullam went into the retail lumber business in Kansas and was at Hutchinson, Kan., for five years. For a time he was in the commission business at Kansas City, Mo. After that he was with J. H. Bemis & Co., of Kansas City, and later with the Bemis Lumber Company. Later he went to St. Louis and

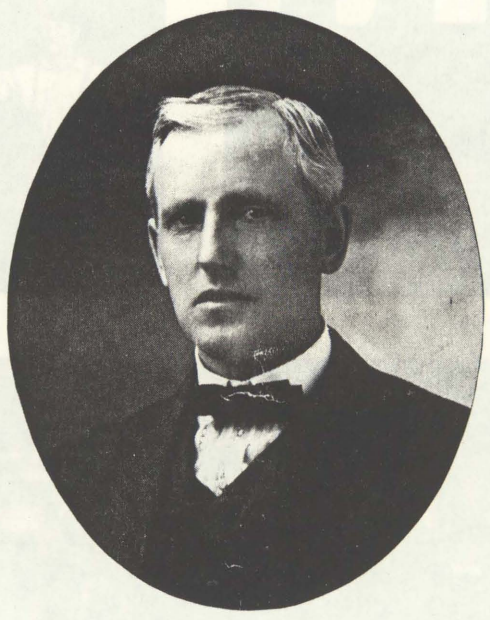


Distant View of Saw Mill. Dry Kiln and Water Tower.

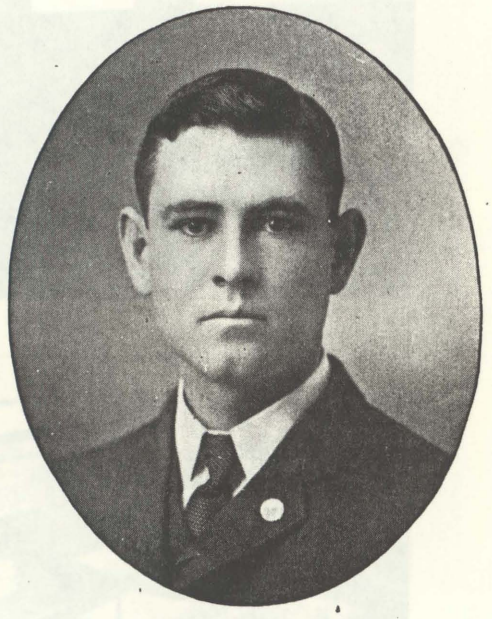
Panoramic View of the Saw Mill, Kiln, Water Tower and Lumber Yard of th



J. D. Smith, Decatur, Ill.



C. L. Knowles, Osage City, Kan.



Vance L. McCarty, Oklahoma City, Okla.

Some Representative Salesmen of the Southern Pine Lumber Company.

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ran an office for the Ozan Lumber Company in that city.

He was with the Central Coal & Coke Company for a year, in the tie business. For one and a half years he was secretary of the Southern Lumber Manufacturers' Association with headquarters in St. Louis and after that was associated with the then Sample Lumber Company, now the Kaul Lumber Company, then of Hollins, Ala., and now of Birmingham, Ala. He was there for two years.

Following his Hollins (Ala.) experience he spent a year in New York in the wholesale lumber business. He was then with the J. H. Kirby Lumber Company, Kansas City, Mo., whence he came to the Southern Pine Lumber Company in the capacity mentioned.

Mr. McCullam is a man of ripe experience and much and diversified knowledge of the lumber trade.

William Temple.

William Temple, vice president of the Southern Pine Lumber Company, is better known in the great southwest as a most successful merchant. He is 42 years of age and came to Texarkana when a lad of 18 and has done much in the upbuilding of the mercantile interests in that section.

For a time he was employed as a clerk in Texarkana, but ever keen in the appreciation of mercantile possibilities he shortly after removed to Fulton, Ark., at which point he has made his home and where he is engaged as a successful merchant.

Watson Walker.

Watson Walker was born at Chatham Hill, King and Queen county, Virginia, in August, 1875. He was educated at the Aberdeen academy in that section and at the age of 18, when he left school, went into mercantile pursuits.

In June, 1897, Mr. Walker came to Texas and went to work for the Southern Pine Lumber Company as bookkeeper, and worked in that capacity until February, 1900, when he was made manager of the Diboll (Tex.) interests.

R. Eugene Rogers.

R. Eugene Rogers represents the Southern Pine Lumber Company in Nebraska, traveling in that state and having headquarters at Lincoln. Mr. Rogers was born May 11, 1841, at Newark, Wayne county, New York, and was raised on the Illinois prairies. Mr. Rogers has a war record that is worth while. He enlisted as sergeant in Company F of the Eleventh Illinois Infantry April 19, 1862, at Morris, Ill., and was mustered out as captain of Company B of the First New York Artillery on June 18, 1865.

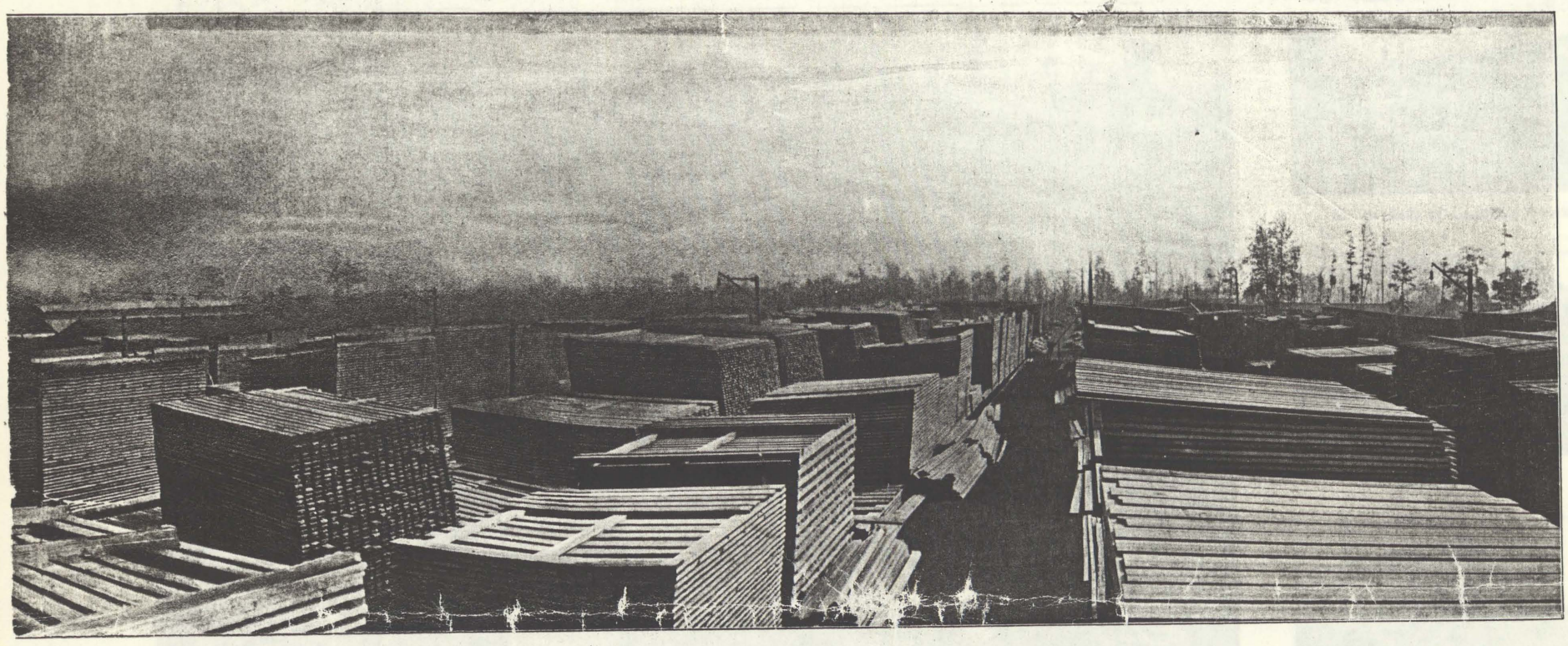
Mr. Rogers began the lumber business in May, 1870, with P. A. Bronson, at Milwaukee, and was with C. F. White from August, 1881, till May, 1896, in charge of men and material, for the Grays Harbor Commercial Company at Cosmopolis, Wash. He came east in 1895, selling lumber for that concern.

Mr. Rogers was with the Tabor Lumber Company, of Keokuk, Iowa, as salesman from August, 1896, until November, 1902, except for a short time with the Sunset Lumber Company, Tacoma, Wash. He went with the Southern Pine Lumber Company in August, 1903. He is known to all the lumbermen in Nebraska as "Dad" Rogers.

Joseph E. Fleming.

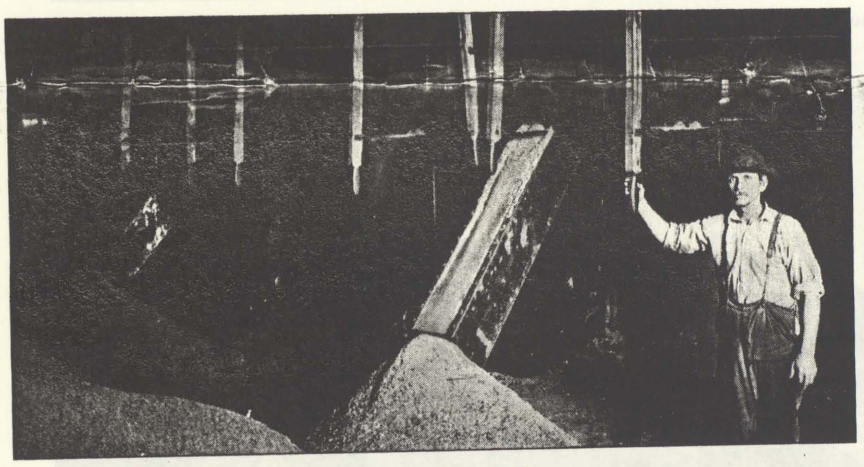
Joseph E. Fleming represents the Southern Pine Lumber Company in southeastern Kansas and Missouri, with headquarters at Ft. Scott, Kan. Mr. Fleming began the lumber business in northwestern Ohio twenty years ago, pulling one end of a cross cut saw. He was born in Morrow county, Ohio, in 1862.

Mr. Fleming was in the employ of the South Missouri

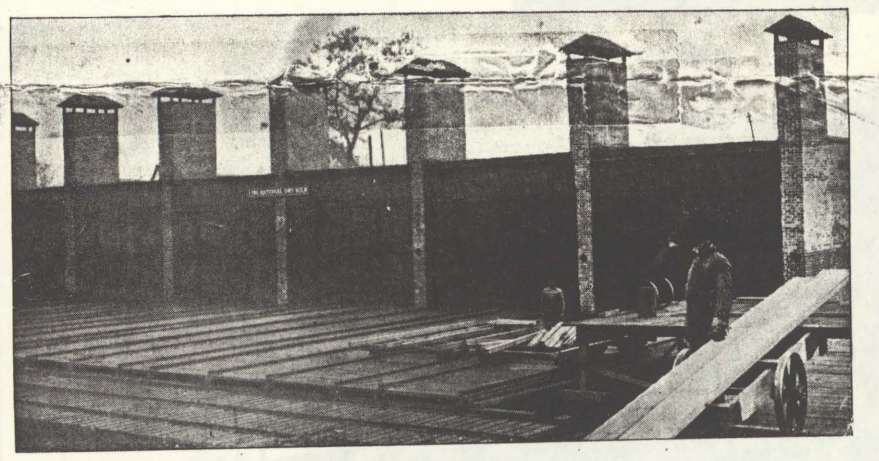


General View of Yard.

ıe Southern Pine Lumber Company, Diboll, Tex.—Headquarters, Texarkana, Ark.



Self-Stoking Saw Mill Boilers.



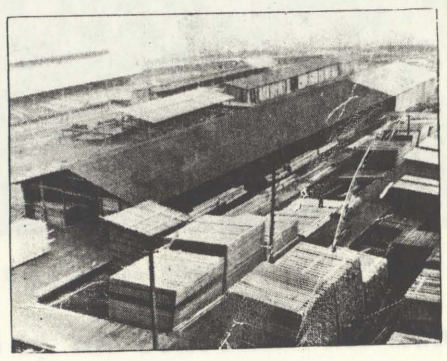
The Dry Kilns.



Lath as They Come from the Kilns.



Interior of the Commissary, and View of the Big Dry Shed.



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Lumber Company, where he remained two years as a lumber grader and lumber checker, at Willow Springs, Mo. Following that, he was for eight years with the Missouri Lumber & Mining Company at Grandin, Mo., as yard foreman and assistant shipping clerk. Following that he was for one and one-half years with the Southern Lumber Manufacturers' Association as an inspector and claim agent.

For a year and a half also Mr. Fleming was with the Valley Pine Lumber Company, of Havanna, Ark., as superintendent, and has been with the Southern Pine Lumber Company, of Texarkana, Ark., over a year as traveling salesman in the territory referred to.

C. L. Knowles.

C. L. Knowles represents the Southern Pine Lumber Company in northern Kansas and Missouri, with headquarters at Osage City, Kan. Mr. Knowles was born at Appleton, Wis., in 1864 and began in the lumber business at Barley, Neb., in 1886, as manager for the Freen & Hocknell Lumber Company, remaining there for five years.

Mr. Knowles also worked for the Badger Lumber Company and Chicago Lumber Company, both extensive western concerns. He considers that his best success was with James A. Smith, of Osage, Iowa, for whom he was manager of a yard at Spirit Lake, that state, for six years.

Mr. Knowles was in business at Marshalltown, Iowa, during 1903. His forty years hang lightly on his shoulders, and he feels as young as any of the boys.

H. W. Walker.

Mr. Walker is a native of Virginia and at the present time travels in Texas, Oklahoma and Indian Territory for the Southern Pine Lumber Company. For several years Mr. Walker worked in the grocery business at West Point, Va. He traveled in Virginia and North Carolina from January, 1900, to the spring of 1902, for the Pillsbury flour people, after which he came to Texas to work for the Southern Pine Lumber Company, beginning in the woods at the camp.

In July, 1903, he went on the road as a traveling salesmen for that company in Texas, Oklahoma and Indian Territory, which territory he now occupies.

Vance L. McCarty.

Vance L. McCarty travels in Oklahoma Territory for the Southern Pine Lumber Company, with headquarters at Oklahoma City. Mr. McCarty is a native Texan who started in the lumber business in a retail way in 1891 and was at that time about 17 years of age. He has followed the same business since that date and has lived in Oklahoma Territory at his present address for the past six years. Mr. McCarty has been connected with the wholesale lumber business during all this time.

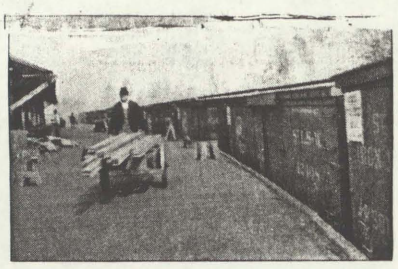
J. D. Smith.

J. D. Smith, who represents the Southern Pine Lumber Company in the territory of southern Illinois, with headquarters at Centralia, was born in Wilmington, N. C., on October 14, 1850. He graduated at the University of Heidelberg, Germany, in 1875. His home is at Bonham, Tex.

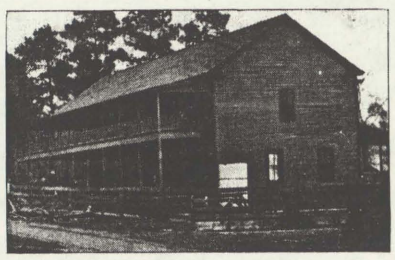
These names represent experience and accuracy of judgment in the manufacture and sale of yellow pine lumber of the high grade quality produced by the Southern Pine Lumber Company.



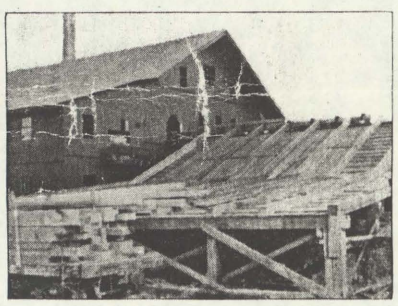
A South End View of the Great Stocks of the Southern Pine Lumber Company.



North End of Loading Tracks.



The Boarding House.



The Timber Dock.



South End of Loading Tracks, and Dressed Lumber Sheds.



A Day's Shipment from Diboll, Tex.

Scenes at Diboll, Tex., of the Handling of Yellow Pine Lumber Manufactured by the Southern Pine Lumber Company, with Headquarters at Texarkana, Ark.