

Bechtel-Briets

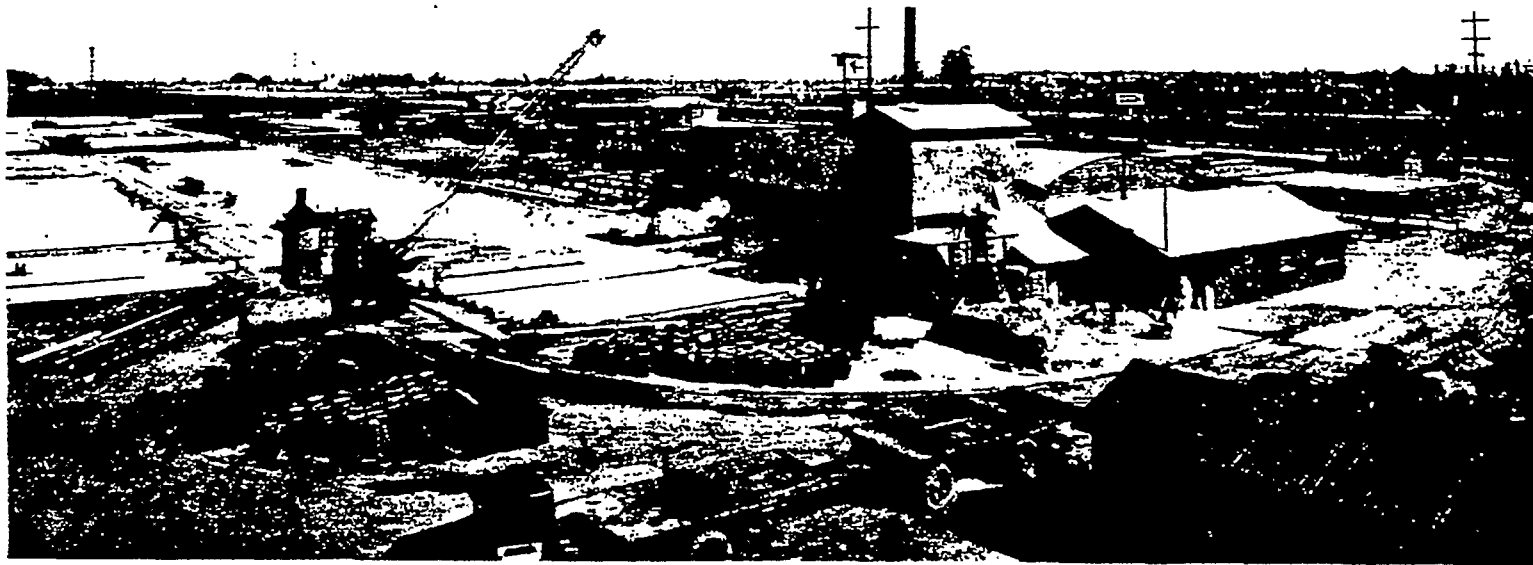
PLAINTIFF'S
EXHIBIT

SEQ-20

Vol. 2

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No. 8



S. CONNELL

● Consistently a winner and yet perhaps not as well known as other company divisional activities is the operation of the Somastic Division. Heading up in the Los Angeles area with its central manufacturing plant located in Watson at 223rd and Alameda Blvd., near Wilmington, trained crews apply Somastic pipe coating using special plant equipment on new or reconditioned pipe.

By coating pipe with Somastic pipe coating, corrosion damage can be prevented before it starts. Long range experience has demonstrated under the most severe tests in highly corrosive locations for already known periods of seventeen years that this impervious coating has proved the staying quality of its protection. Authentic records established in the A.P.I. ten-year pipe coating tests and on thousands of miles of operating lines have furnished conclusive evidence of the effectiveness of this coating.



USTIN S. JOY

SOMASTIC *Offers* *Pipe* PROTECTION

Corrosion damage can be prevented before it starts by using Somastic pipe coating.

Somastic pipe coating is a special mixture of asphalt mix mastic compounded to rigid specifications and firmly bonded to the pipe as a thick seamless coating. Overlapping field joints of the same mixture make this protection continuous along the pipe line.

With its central plant located in an area of pipe line concentration and equipped to coat pipe ranging in diameter from 1/2" to 26", BCo's Watson Somastic pipe coating yard also maintains a reconditioning plant for used pipe as well as a wrapping operation for pipe that does not require Somastic pipe coating treatment. In the field, rail head plants can be set up near the line to be coated or Somastic pipe coating may be applied over the trench by mobile equipment.

The big job of turning out "the answer to the soil corrosion problem" is in the hands of Somastic Division Manager Jasper S. (Jap) Connell and his hard working crew of supervisors, field office personnel and yard operating forces totaling some 125 persons.

With a product that combines all the physical properties required for an ideal pro-

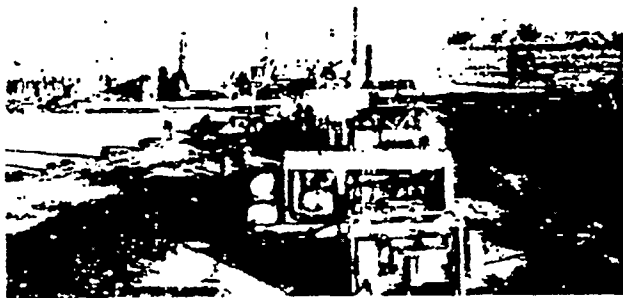
tective coating including prevention of electrolysis to deterioration from chemical or bacterial action as well as mechanical relief from distortion, mechanical shock from handling and stock piling and maintenance of ductility to withstand field bending or movement, the Somastic Division can claim among its satisfied users large pipe line operators, oil companies, gas and water and public utilities companies. Somastic is manufactured and applied in the 11 western states and on foreign locations by Bechtel Corporation, and in the states east of the Rocky Mountains by H. C. Price Co. with whom BCo's organization has been associated in the handling of Somastic for a number of years.



SOMASTIC
COATED PIPE

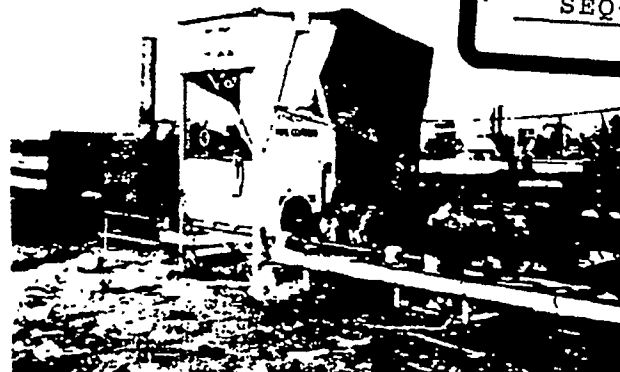
Protection and Permanence

Portable Somatic Plant



Railhead Plant Set Up In customer's area. General view of equipment located at Lahti, Utah, showing compactness of coating operation.

Cleaning Pipe and Priming



Initial Operation To insure a new bond of coating to steel pipe is thoroughly cleaned, grit blasted and primed with Somatic Pipe Coating Primer prior to coating.

**PLAINTIFF'S
EXHIBIT**
SEQ-21

Coating Primed Pipe



Freshly Coated Pipe emerges from the coating nozzle into a whitewashing chamber for protection against solar heat during outdoor storage.

Layout and Storage



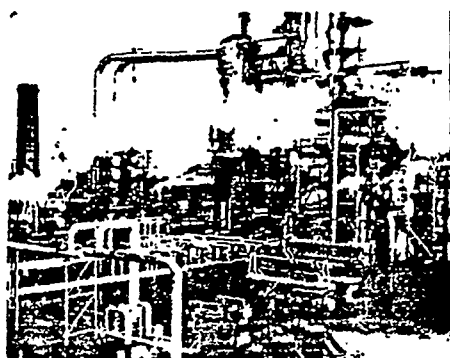
Cooling Area--And finished storage pile of coated pipe awaiting transportation to customer Mountain Fuel and Supply Company's Salt Lake to Provo natural gas line.

Try Somatic

Reg. U. S. Pat. Office.

**THE SUREST, MOST ECONOMICAL
ANSWER TO SOIL EROSION**

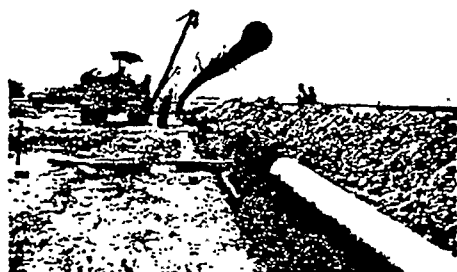
PETROLEUM REFINERIES



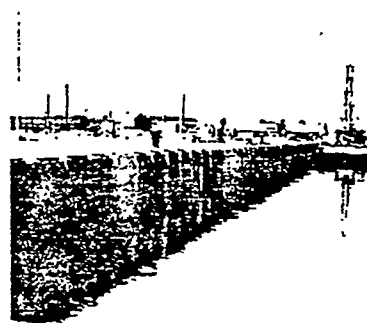
CHEMICAL PLANTS



OIL AND GAS PIPE LINES



TERMINALS



Activities Reach Into MANY FIELDS



S. D. BECHTEL

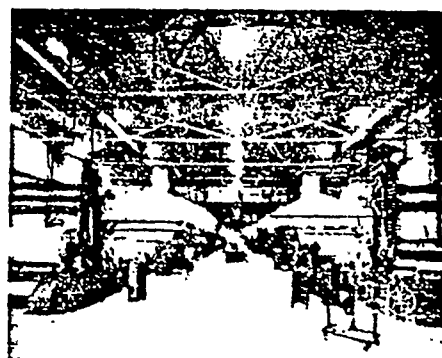
While the group of pictures surrounding this column doesn't begin to reflect the scope of our company operations, they do serve to call to mind some of those engineering and construction activities which at the present time are receiving heavy emphasis in our planning, thinking and doing. In my travels throughout the world, I am more convinced than ever that there is a real need for management, service and experience such as we are able to offer. It seems to me it is particularly important that we become more and more familiar with our company's ability and things it can do because in its diversified work there is continued growth and expansion. This should be of interest to everyone in the Bechtel family.

The special purpose of this issue of BECHTEL BRIEFS is to permit each and every one of us to be fully aware of the things we are equipped to do. It is well also to observe that the operating officers and managers who in turn represent the key personnel of the company have been identified for a long time with the particular phases of company operations they now handle.

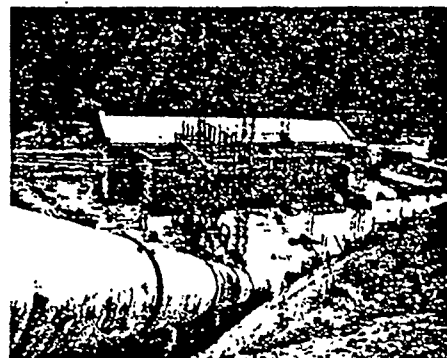
Operating divisionally we are in a position to offer direct line management. Through this method Bechtel Corporation can and does provide diversified experience which is measured in large capacities as well as centralized responsibility.

I am very pleased upon my return to the United States from my trip around the world to note that here at home we continue to be "busier than ever." It is a healthy sign and best of all we are ready for it.

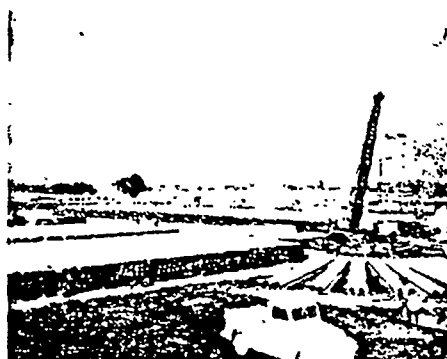
INDUSTRIAL PLANTS



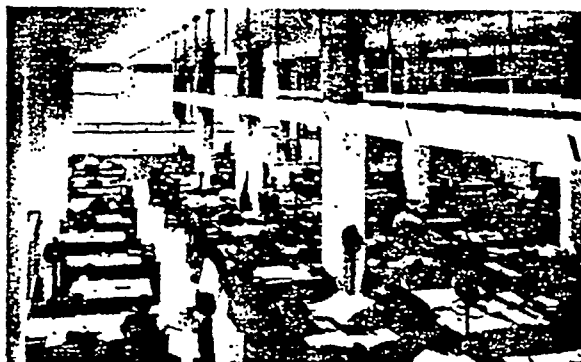
ELECTRICAL POWER



SOMASTIC COATING



PROCESS ENGINEERING AND DESIGN



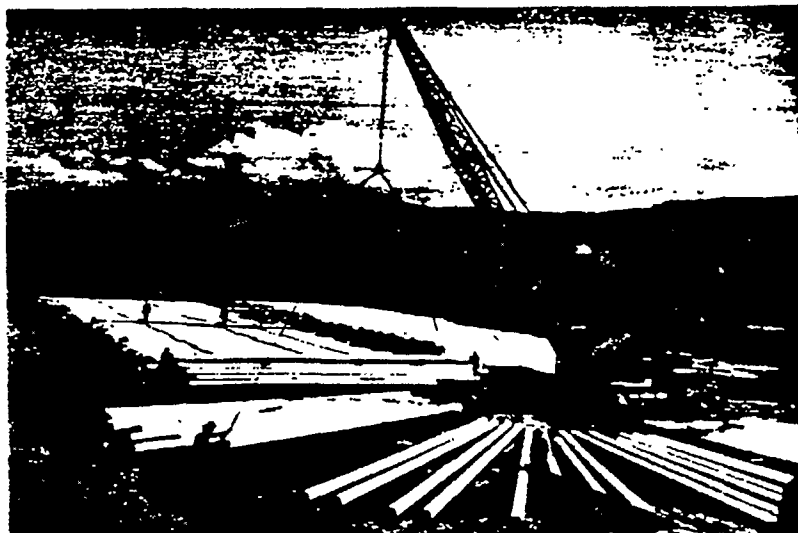
CONSTRUCTION



Somastic RAILHEAD PLANT Coats ROCKY MOUNTAIN PIPELINE



Typical of Somastic Division spirit is title descriptions by division manager, Jap Connell of his able Railhead Crew: Left to right: Little guy with dark glasses, Red Lemberger, foreman; tall man with helmet, Bob Davidson, engineer; tall man, Leon Gerrott, superintendent; man without hat, Joe Cooper, office manager.



... in the Field on Substantial Portion of Standard Oil's Rangeley Pipeline that will bring crude from Colorado Fields to New Salt Lake Refinery.

ANOTHER Bechtel job has just been completed in the Salt Lake, Utah area. It's the protection with Somastic Coating of some 60 miles of 10-inch pipe that forms a part of the 175-mile line that will bring crude oil from the high country Rangely field in Western Colorado down into the refinery that Bechtel Corporation is building in Salt Lake for Standard Oil of California.

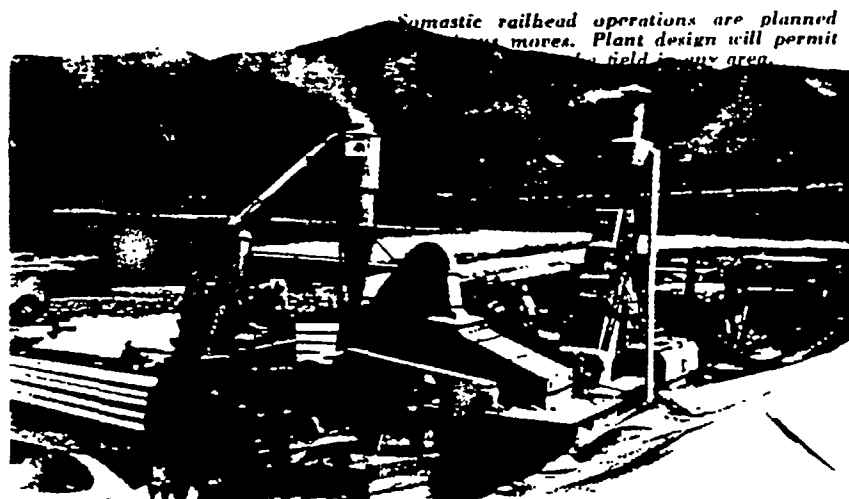
Somastic Division Manager Jap Connell has once again moved into the customer's area with his compact, packaged coating operation and set up a so-called railhead plant adjacent

to the job. "It's almost like a circus coming to town," says Jap. "to see Supt. Lenn Garrett unload his outfit on a convenient railroad spur and lay out his plant, stock piles and pipe storage yard."

With equal ease, when the coating job is done the gang cleans up and is ready to move on to another new location to do the same thing all over again.

Somastic protection requires a firm bond of coating to the steel pipe which is thoroughly cleaned, grit-blasted and primed with Somastic pipe coating primer. Pipe then goes through the coating nozzle where it receives the required application of coating material; after which it receives a whitewash protective finish, goes to the cooling and stock pile area and is ready for its permanent installation in underground pipe lines as "The surest, most economical answer to soil corrosion."

In addition to Garrett, the efficient railhead crew includes Joe Cooper, Office Mgr.; Bob Davidson, Engineer; Red Lemberger, Foreman. Field joint work on the line is handled by Supt. Jim Garrett. The Field Office is located at Charleston, Utah, about 40 miles from Salt Lake City.



Somastic railhead operations are planned to move. Plant design will permit field in any area.



Highly mechanized and efficient coating unit in operation.