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Somastic COMES TO TOWN



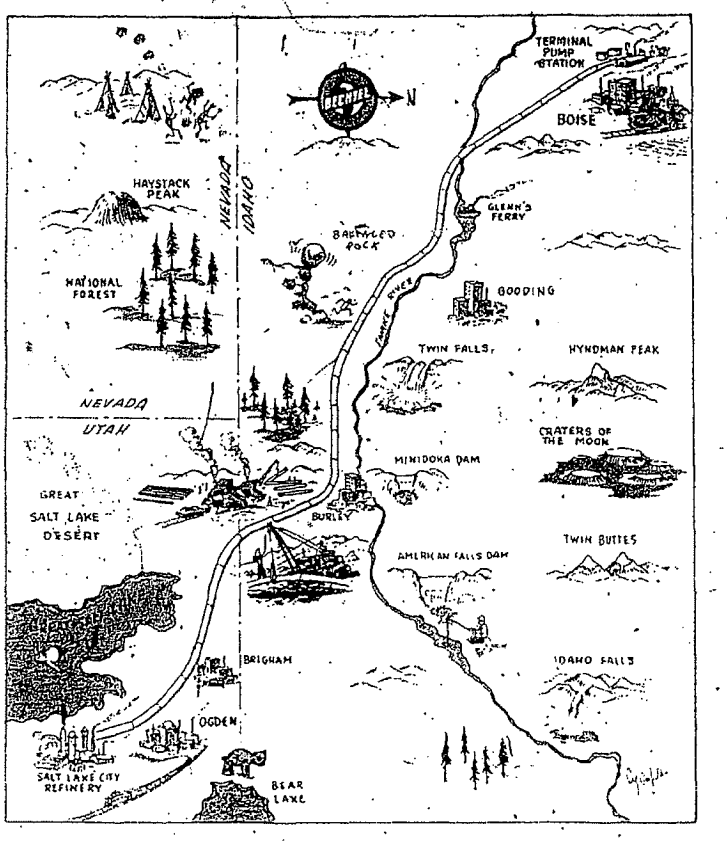
Somastic puts the show on the road. The mobile plant crew closely follows circus practice in setting up their tents and equipment—getting the job done quickly—and moving on to a new location. Sand, Asphalt and Fibre for making mastic grit for the blasting operation and primer for the first coat is stored adjacent to points of usage.

Manufacturing and application of Somastic Pipe Coating is progressing at the rate of over three miles per day for the Salt Lake Pipe Line Company, a subsidiary of the Standard Oil Company, for their 8-inch Products Line This line will extend from the Salt Lake Refinery to Boise, Idaho. At present the Railhead Plant is operating in the vicinity of Ogden, Utah.

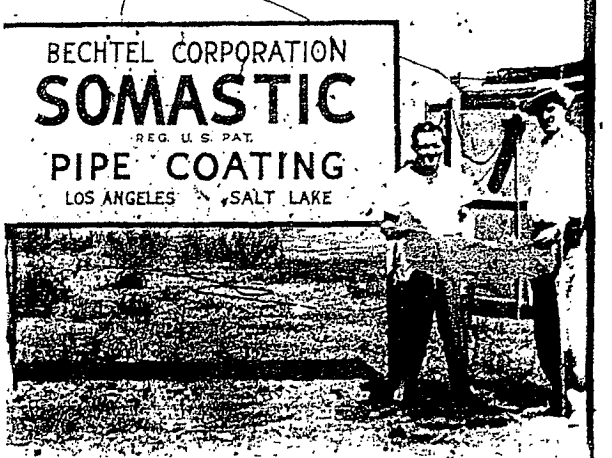
Approximately 127 miles of the line will be Somastic coated. Operations are expected to be completed on or before the end of October, 1949. In addition to operating the Railhead Plant, the Somastic Division is also applying field joints for the laying contractor. This work is going on at approximately 1¾ miles per day.

Jap O'Connell, Somastic Division Manager, has assigned the operation of the plant to L. C. Garrott, Job Superintendent, who is assisted by R. R. Davidson, Job Engineer, E. C. Gavagan, Job Office Manager and E. W. Lindburger, Plant Foreman. Field joint work is under the supervision of James P. Garrott. W. E. Trimmell, is acting as General Superintendent.

Somastic Coating is the nearest approach to an ideal protective coating for pipe laid where



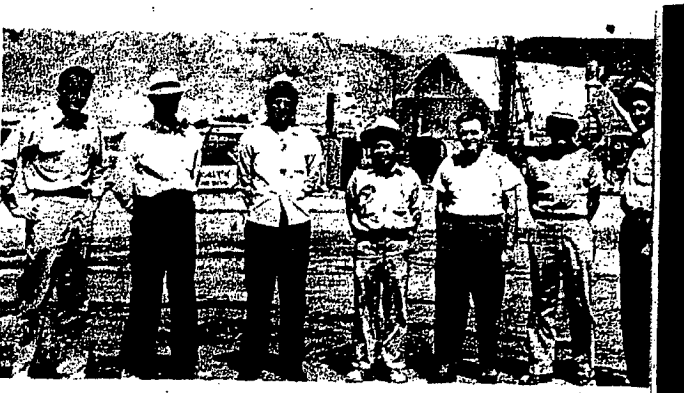
127 miles of Somastic Coated Pipe will be used for the Salt Lake Pipeline Company, a subsidiary of the Standard Oil Company.



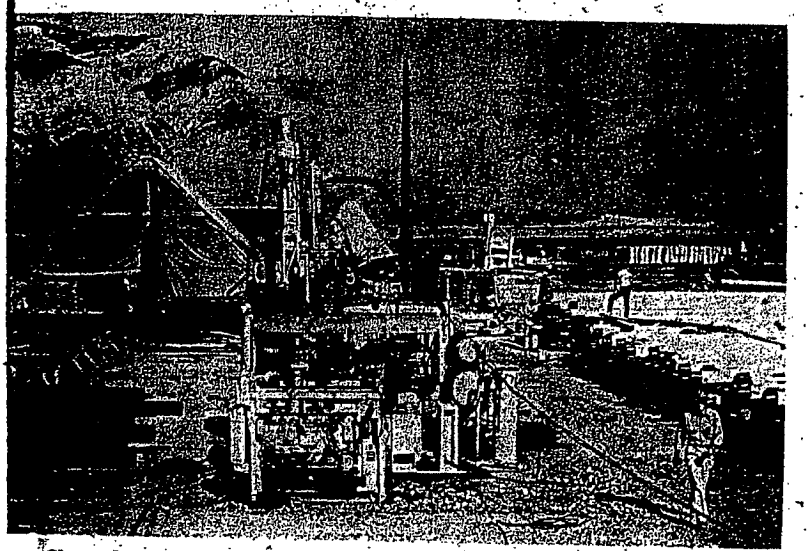
Archie O'Tool and Dick Trimmell going over plans for the Railhead field location.



Handling is minimized as evidenced by the stock pile. Bare pipe is shipped only once—coated near the job site—making but a short haul necessary for line delivery.



Left to right: Bob Davidson, Job Engr.; Leon Garrott, Job Supt., Railhead; Dick Canham, Stan. Oil., Salt Lake City, Traffic Man; E. W. Lindburger, Plant Foreman; Archie O'Tool, Somastic Div. Watson Office Manager; Ed Cavagan, Railhead Job Office Manager; Dick Trimmell, Gen. Supt. of Somastic Div.



Cleaned raw pipe on the left, coated pipe on the right and the coating unit at center—an efficient layout for field operation. For safe working conditions the crew keeps the area as neat as if it were ready for a "C. I." inspection.

corrosive conditions exist. It consists of an asphalt mastic composed of an homogenous mixture of asphalt, sand, fiber and mineral filler prepared in an especially built machine which maintains an absolute control of proportions and temperatures. This dense mixture, 135 lbs. per cu. ft., is extruded over the surface of the cleaned and primed pipe so as to form a uniformly thick, seamless coating. At the Railhead Plant the pipe is driven through the applicator; when covering the joints in the field, the mixture is applied by using a steel form which is clamped over the primed pipe and the coating is molded so as to overlap the existing coating at each end. Bends or special fittings are applied by hand troweling.

The resultant cover is strong enough to withstand stock piling and handling on the job, still maintaining sufficient ductility to withstand field bending and movement of the pipe. The use of the Railhead Plant eliminates much handling of bare pipe and minimizes the handling of the coated pipe. For, by the use of such mobile operations, hauls to the line are held to short distances.

Where large areas of pipeline concentration occur, a Permanent, Central Plant is often set up which will economically coat new pipe and recondition used pipe. Another method of applying the coating is the mobile unit which will travel along the uncovered and raised pipeline, permitting the treatment of pipelines already in operation without interruption of flow. In using this method, the line is uncovered, raised, cleaned, reconditioned and primed. The coating is applied by a traveling hot plant and nozzle which extrudes the pipe coating onto the pipe as a continuous covering. Each plant type prepares and applies the product to identical specifications; each operates in essentially the same manner to extrude the coating as a continuous, seamless covering. Selection of a plant type for a given job, depends on the kind of work involved and the most economical method of accomplishing it.

The advantages of the Somastic Coat, a dense, seamless asphalt mastic which permanently protects steel pipe from corrosion, are manifold. The investment required for coating is comparatively small, when compared to losses involved in short life expectancy of steel pipe under adverse conditions, freedom from shutdowns, takeups, replacements, and product loss. When using the Somastic Coat, it is possible to use a weight of pipe only strong enough to withstand the loads and pressures necessary to take care of the product. No additional thickness of steel is necessary to provide for corrosion factor.

Loading delivery trucks and handling the heavy pipe at the railhead is done with a minimum of manual effort and at high speed by massive equipment making Somastic not only the best pipe coating available but one of the most economical.

