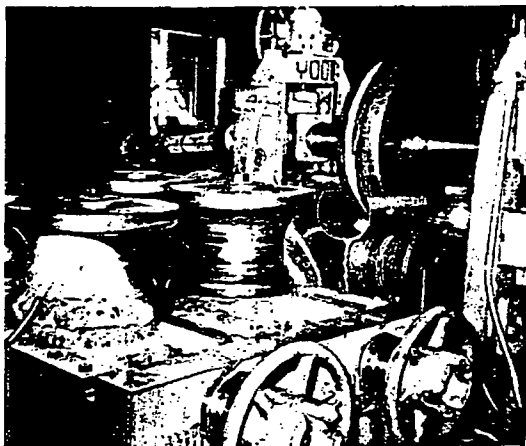




This photograph shows the leading end of a partially formed pipe as it emerges from the fifth pass of the forming mill.

LONE STAR'S MODERN PIPE MILL

*by B. C. DOLPHIN, Chief Research Engineer, Yoder Company
and R. F. KIRCHNER, Elliott Company, Cleveland, Ohio*

ON February 1, 1953, production of oil country pipe was begun at the new steel plant of Lone Star Steel Company, Lone Star, Texas.

This completely integrated steel mill, representing a \$150,000,000 investment, includes blast furnaces, open hearths, slab and rolling mills, and two modern electric resistance weld pipe mills. Range of size produced is 1½ in. to 6 in. on the

The forming section of the larger mill from the entry end. Drives include eight Elliott Crocker-Wheeler 75-hp, 1150/1400-rpm d-c motors. At right may be seen a 15-hp, 1800-rpm totally-enclosed fan-cooled hydraulic pump driving motor.

