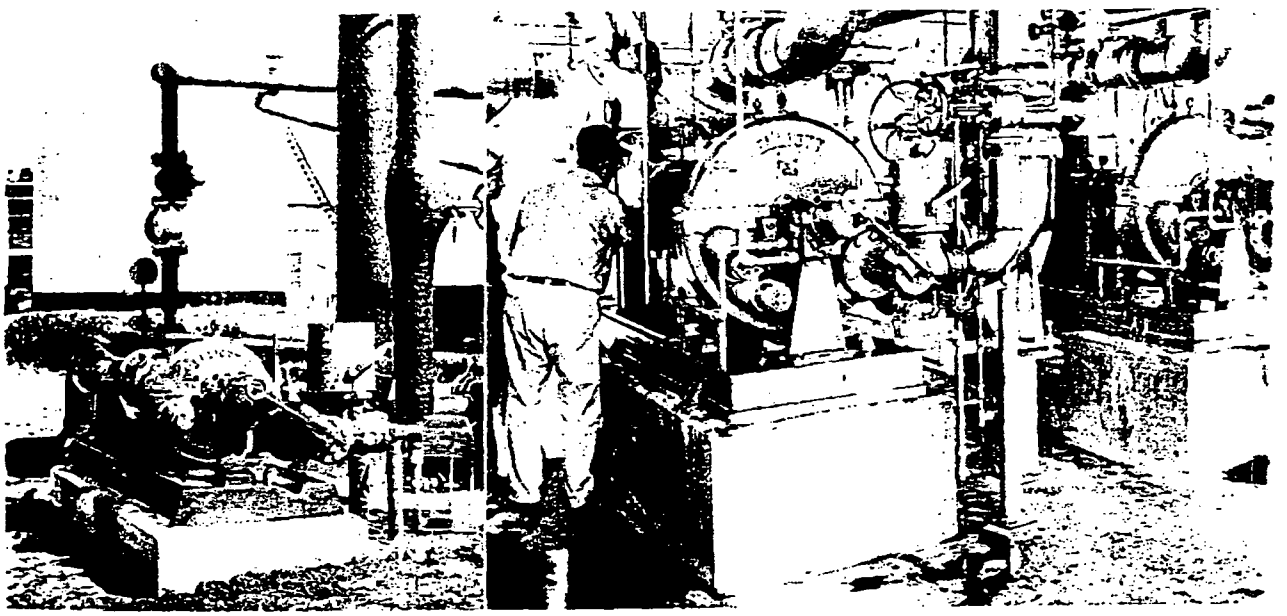
PREMIER OIL REFINING COMPANY EXPANSION

PREMIER OIL REFINING COMPANY recently completed a $2,500,000 expansion program at its refinery at Fort Worth, Texas. Plant facilities now permit the refinery to run up to 7800 barrels daily, with gasoline quality upgraded substantially.

Major units in the expansion included a 3000-barrel U.O.P. fluid cat cracker with integrated gas-concentration, polymerization, and treating facilities; a 7800-barrel crude-distillation unit; a 2000-barrel vapor-phase thermal cracker; and a 1750-barrel platforming unit.

Construction contractor was Refinery Engineering Company, Tulsa.



The photograph immediately above shows an Elliott turbine installed outdoors and driving a transfer pump. In photograph above right are two Elliott 71-hp, 2000-rpm steam turbines driving slurry pumps. These three are typical of a dozen turbines in various services around this refinery. The turbines operate on steam at 140 psi, 360 F and exhaust against 10-psi back pressure.

A night view of the refinery is shown at the right.

