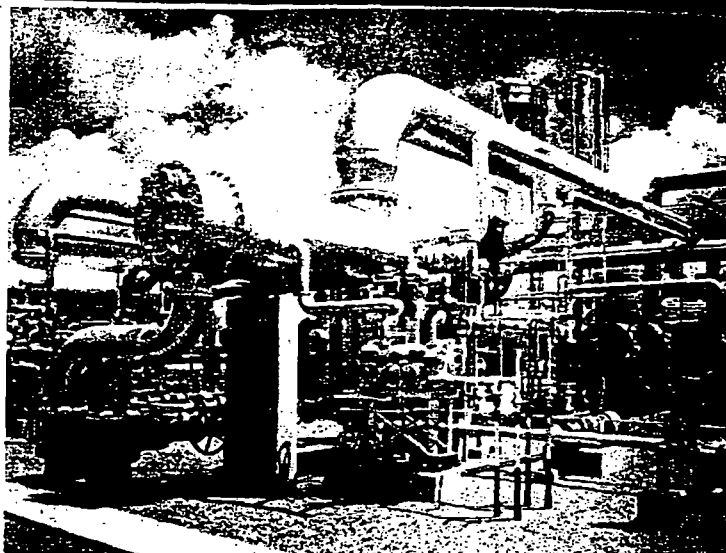


This view features the Elliott 1100-sq ft surface condensers serving the turbines driving the lean oil pumps. The twin two-stage steam jet ejector is neatly mounted on a table in the foreground and below it is the dual trap. Condensate pumps may be seen at the right.



New Pledger gasoline plant recovers five liquid products

THE Southern Production Company, Inc., recently put into service a natural gasoline plant in the Pledger field, some 60 miles southwest of Houston, Texas, to take care of increased gas production in that area.

The new Pledger gasoline plant, which replaced an older one, is one of the largest absorption plants in the country, capable of processing more than 190,000,000 cu ft of wet natural gas per day. From this amount of gas, the following approximate quantities are obtainable: 81,335 gpd of 10 rvp gasoline, 91,070 gpd of LPG products, 14,150 gpd of isobutane, 11,310 gpd of kerosine, and 1910 gpd of fuel oil, leaving 184,773,000 std cu ft per day of sales gas.

The plant was engineered and constructed by Stearns-Roger Manufacturing Company.

Wet Pledger gas, directly from the wells, arrives at the plant at a flowing pressure of 2000 psig and at a temperature of 115 F. From the Sugar Valley field, a second stream of wet gas arrives at the plant at a pressure of approximately 600 psig.

In the gas-processing portion of

This Elliott 100,000-lb-per-hr deaerating feedwater heater in the steam plant uses steam from the 600-psig exhaust system and takes water from condenser hot wells.

