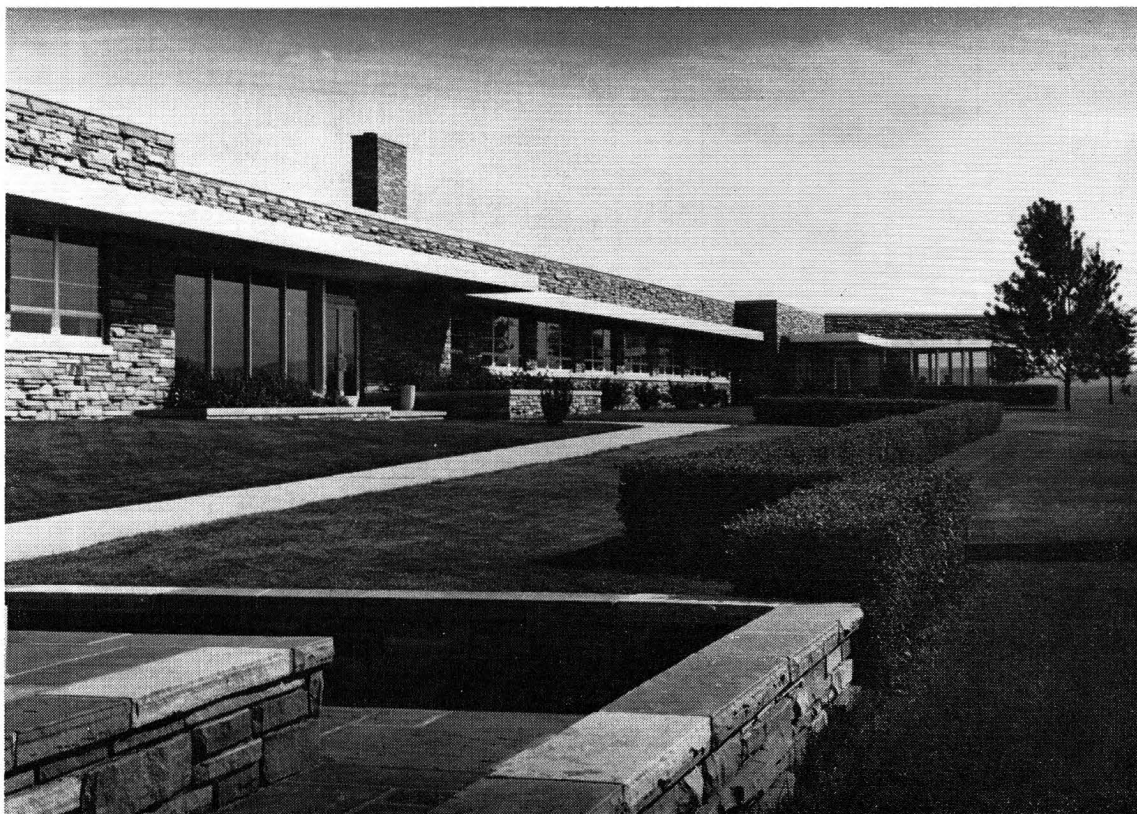


# MARATHON: DYNAMIC PROGRESS



**M**arathon Oil Company was founded in Findlay, Ohio in 1887; however its ultramodern Denver Research Center is located at the foothills of the Rockies. The company is a producer, transporter, refiner and marketer of crude oil and petroleum products on five continents throughout the world.

The Denver Research Center was established to make discovery of new petroleum reserves more economical, to help recover a larger percentage of oil in present fields, to develop more profitable refining and chemical processes, and to develop new products.

Marathon employs more than 8,000 persons at its offices around the world including its headquarters in Findlay. There are over 300 employees at the Denver Research Center of which more than half are scientists and engineers.

## CHEMICAL ENGINEERING AT MARATHON

Using engineering research to determine ways to recover more of the oil from known deposits is an important part of the work at the Research Center. It includes projects aimed at stimulating wells so they will produce more oil; in situ combustion; and fluid injection processes, such as miscible displacement, which are more efficient than conventional techniques where gas or water are used to drive oil to a production well.

Reservoir mechanics comprise another significant part of the engineering work at the Denver Research Center. The transient behavior of oil

reservoirs and the flow of fluids through porous media are important phases of this work. Mathematical models, which simulate reservoir behavior, provide insight into future behavior of oil bearing reservoirs.

Chemical engineers are also engaged in the pilot plant study of existing refinery and chemical processes as well as in the evaluation and development of new processes and new chemicals. Projects are underway, for example, on petrochemical processes to make monomers and other basic components for polymers.

At Marathon's Research Center, qualified engineers are provided with both the challenge and incentive in supplying answers to these problems. Your further inquiry is invited.

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