

## **EVENING MEETING—FEBRUARY 9, 1981**

**E. J. MEDLEY—Biographical Sketch**



E. J. Medley is President and General Manager of Mobil Producing Texas & New Mexico Inc. in Houston. He was graduated with High Honors from Southern Methodist University, receiving a degree in electrical engineering in 1951.

Mr. Medley began his career with Mobil (then Magnolia Petroleum Company) while he was a student. From 1952 to 1954 he worked as a seismologist, and from 1954 to 1956 he was a seismic party chief. He worked as a geophysicist from 1956 to 1959 (Division Geophysicist in New Mexico 1958-59). From 1959 to 1963 he was District Exploration Superintendent for Mobil Oil Company in Shreveport, and from 1965 to 1966 he held the same position in Calgary. He has worked as Planning Manager in both New York and Calgary and was General Manager, Mobil Exploration Norway Inc., in Stavanger, from 1973 until he was promoted to his present position.

### **STATFJORD FIELD (NORWEGIAN NORTH SEA)—FROM CONCEPTION TO PRODUCTION (Abstract)**

Statfjord Field, located on the international boundary between Norway and the United Kingdom, has more than 3 billion bbl of recoverable oil and 3 trillion cu ft of associated natural gas. It is the largest field discovered to date in the North Sea. Mobil is the operator for a consortium of companies including two State and nine private oil companies.

The water depth is near 500 ft and so-called "100-year storms" with sustained winds of 105 knots and 100-ft seas seem to occur at least once a year, creating very difficult operating conditions.

The field is being developed with three large, gravity-base, concrete platforms capable of combined production of 600,000 to 700,000 bbl of oil per day plus 700 million cu ft of natural gas. The platforms will also provide for water injection plus gas injection initially until a sales outlet for the gas is developed.

The Statfjord "A" platform, with daily production of 300,000 bbl per day, is the largest offshore producing facility in the world.

Oil transportation is accomplished through large, articulating loading platforms located near the production platforms.