

PROJECTSNorth West Shelf Natural Gas Project (W.A.)

- Five billion dollars. Consortium of Woodside, BHP, BP, Shell and Cal Asiatic with Woodside as operator. Development of North Rankin Gas field (130 km (80 miles) offshore from port of Dampier) to provide 6.5 TPY LNG for export (for 1986) and 370 million cu.ft. per day pipeline quality gas (for 1984). The project will consist of:

- a) Two offshore drilling/production platforms;
- b) A 130 km (80 miles) submarine pipeline 38-40" in diameter and 1" thick;
- c) onshore plant to treat gas for domestic sales and liquefy it for export, LNG storage, condensate storage, marine loading facilities and other associated facilities;
- d) LNG carriers.

Project will proceed in two stages:

- 1) gas from the first platform to be piped to Perth starting 1984;
- 2) gas from the second and third platforms to be liquefied for export (1986).

The consultants to Woodside for the over-all project are Worley Engineering. Tenders have been called for all long-lead-time equipment, and shortlists for other equipment have been prepared.

Contract signed in October with W.A. government to supply natural gas over a 20-year period. Negotiations of LNG contracts proceeding.

Dampier-Perth Pipeline (W.A.)

- Western Australia State Electricity Commission, \$500 million: 1,500 km (932 miles) of 30" (some 24") pipeline to supply Perth area, including aluminum smelters and refineries, with 300 million cu.ft. of gas per day. The Royal Bank/ Orion Group are financial advisors to the SEC for this project. Consulting engineers: Fluor and Mansel (Australia). Preregistration of supplies began in October 1980.

Exmouth Plateau Petroleum Exploration (W.A.)

- The most promising oil exploration activity in Australia is taking place on the Exmouth Plateau beyond the North West Shelf. The drilling is extremely difficult and costly because of the depth of the water (800-2,000 meters) (2,625-6,562 feet), the underwater tides and the cyclonic weather conditions. The four consortia that won exploration titles will be spending some \$300 million before 1983: