

Julia Creek Oil Shale Projects (Qld)

- CSR (formerly in consortium with Aquitaine and Tosco, who have since dropped out). Surface oil shale containing up to two billion barrels of oil. Tosco (The Oil Share Company, U.S.) process is being tested. Pilot plant would cost \$360 million. Total project development will cost \$2 billion. CSR currently accelerating development work and estimates cost of oil would be \$42/bbl.

Matraville Refinery Expansion (N.S.W.)

- Total Holdings (Australia). \$180 million; to increase capacity to 45,000 b/d by 1983. Tenders to be called in April 1980.

2. PETROCHEMICAL INDUSTRY

At present the petrochemical industry in Australia is not highly developed. There are some 30 plants in all, of which the Mobil-Esso Altona plant and the ICI Botany Bay plant are the largest. The Altona plant produces some 160,000 TPY and the Botany Bay plant produces 100,000 TPY.

PROJECTS

Botany Bay Integrated Petrochemical Complex

- \$520 million. Expansion and replacement of present facilities to produce 250,000 TPY. ICI-owned and operated. Lump sum turnkey project.

Point Wilson (Victoria) Petrochemical Complex

- ICI Australia; \$650 million. Initially, vinyl chloride monomer plant; later, caustic chlorine and ethylene. Will not start infrastructure until end 1980, but contracts (in \$50-100 million chunks) beginning in 1981 for production in 1984. Eventually this complex will be larger than Botany Bay.

Redcliffe Petrochemical Plant (Cooper Basin, S.A.)

- \$1,200 million. Dow Chemical. Using feedstock from Moomba gas fields plant would produce petrochemicals for export and local consumption. With ICI announcement of two plant expansions, it is less likely that Redcliffe will go ahead. The South Australia State government is exerting strong pressure on the company to proceed. A decision to be made in fall of 1980 but Dow decided to postpone decision two years.

Altona Petrochemical Plant Expansion (Vic)

- Altona Petrochemical Co. Ltd. (Esso/Mobil) to double capacity to 300,000 TPY ethylene, its major product, by 1983-84. \$390 million.