

7.26 Bitumen/Heavy Oil and Processed Product Characterization and End-Use Assessment

Principal Investigators' Name:

Dr. A.E. George
Dr. M. Ternan

Agency and Department:

Canada Centre for Mineral and Energy Technology
Energy, Mines and Resources Canada

Address:

555 Booth Street
Ottawa, Ontario
K1A 0G1

Telephone:

(613) 995-4570

Cooperative agencies and investigators: (if applicable)

Petro-Canada and various engineering associates.

Duration:

Start 1979 - Completion 1982

Approximate Cost: (indicate applicable yearly period)

1982 \$250K

Objectives:

Involved within this general activity are several projects which include investigations on chemical composition and removal of sulfur and nitrogen compounds from bitumen/heavy oils as part of the overall activity.

Method:

- a) Report on the effect of hydrocracking on sulfur-type distribution.
- b) Report on catalytic desulfurization of pitch.
- c) Reports on the use of sorbents for the removal of nitrogenous compounds from hydrocracked bitumen and heavy oils.