

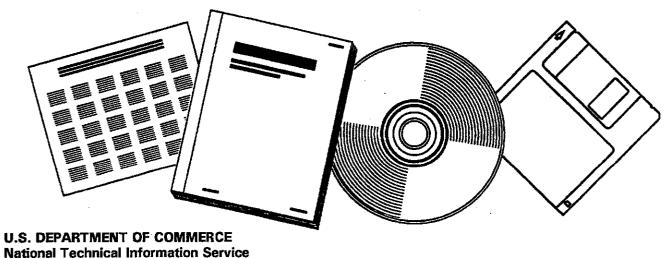
PB2000103258



## NATURAL GAS TO LIQUIDS CONVERSION PROJECT

RAYTHEON ENGINEERS AND CONSTRUCTORS, INC. HOUSTON, TX

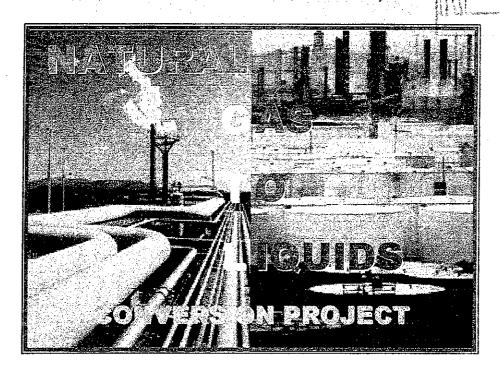
**FEB 2000** 



PB2000-103258



PETROLEÓS DE VENEZUELA.S.A.



#### **FEBRUARY 2000**

#### **RAYTHEON PROJECT NO. 79006.001**



This report was funded by the U.S. Trade and Development Agency (TDA), an export promotion agency of the United States Government. The opinions, findings, conclusions, or recommendations expressed in this document are those of the author(s) and do not necessarily represent the official position or policies of TDA.

Mailing and Delivery Address: 1621 North Kent Street, Suite 300, Arlington, VA 22209-2131

Phone: 703-875-4357 • Fax: 703-875-4009 • Web site: www.tda.gov • email: info@tda.gov

REPRODUCED BY: U.S. Department of Commerce
National Technical Information Service
Springfield, Virginia 22161

Raytheon Engineers & Constructors

## NOTICE

This document has been reproduced from the best copy furnished to NTIS by the U.S. Trade and Development Agency. Although it is recognized that certain portions may be illegible, it is being released in the interest of making available as much information as possible.

Please direct questions about illegible pages to:

The Library
U.S. Trade and Development Agency
Telephone: 703-875-4357

Thank you.



### The U.S. Trade and Development Agency

The U.S. Trade and Development Agency assists in the creation of jobs for Americans by helping U.S. companies pursue overseas business opportunities. Through the funding of feasibility studies, orientation visits, training grants, conferences, and various forms of technical assistance, TDA enables American businesses to become involved in the planning stages of infrastructure and industrial projects in middle-income and developing countries. By doing this, the agency provides American firms with market entry, exposure, and information, helping them establish a position in markets that are otherwise difficult to penetrate.

PROTECTED UNDER INTERNATIONAL COPYRIGHT ALL RIGHTS RESERVED NATIONAL TECHNICAL INFORMATION SERVICE U.S. DEPARTMENT OF COMMERCE



## NATURAL GAS TO LIQUIDS CONVERSION PROJECT

# FEASIBILITY STUDY FOR

#### PDVSA GAS

#### **TABLE OF CONTENTS**

1.0	INTRODUCTION
2.0	EXECUTIVE SUMMARY
3.0	STUDY BASES
4.0	NATURAL GAS SUPPLY
5.0	INDUSTRY STATUS
6.0	SITE STUDY
7.0	MARKETING STUDY
8.0	TECHNOLOGY EVALUATION
9.0	PROCESS MODELING
10.0	ECONOMIC ANALYSIS
11.0	RECOMMENDED CASES