

Draft Technical Summary

Study Title Onshore Impacts of Offshore Oil and Gas Exploration, Development, and Production on the Atlantic Outer Continental Shelf

Report Title Impacts of Offshore Oil and Gas Exploration, Development, and Production on the Atlantic Outer Continental Shelf

Contract No. 14-35-0001-30503

Sponsoring OCS Region Atlantic

Applicable Planning Areas North Atlantic, Mid-Atlantic, South Atlantic, and Straits of Florida

Fiscal Year of Project Funding 1989

Completion Date of Report December 1990

Costs (Total) \$.128,722

Project Manager Garry L. Brown

Affiliation A.T. Kearney, Inc., Kearney/Centaur Division

Address 225 Reinekers Lane, Suite 300
Alexandria, VA 22314

Principal Investigators Jason Anderson
Barbara Wallace

Key Words Atlantic Ocs , regional economic impact model, factbook

Background: With the possibility of rising oil prices and consumptive demand on the increase, the domestic oil industry could find its interest renewed in the Atlantic OCS Region which would require an almost immediate demand for leasable oil and gas development areas. There are no recent studies regarding the onshore effects of offshore exploration, development, and production of oil and gas resources for the Atlantic OCS Region.

Objective: The objective of this study was to develop and demonstrate a methodology to evaluate the onshore economic impacts of offshore oil and gas exploration, development, and

production on the Atlantic OCS. The study updates previous methodologies, assumptions, data, and employment and income multipliers for use in estimating impacts of offshore oil and gas development on the economies of counties on the Atlantic Coast.

Description: The project involved two distinct, yet related, activities -- preparation of a factbook which describes the phases of offshore oil and gas activities, their onshore components, and their support industries, and development of a computer-based regional economic impact model for estimating impacts of offshore oil and gas activities on the economies of counties on the Atlantic Coast.

The project is specific to the three MMS planning areas on Atlantic Coast. The factbook portion of the study is a reference source to offshore oil and gas activities and how they relate to conditions on the Atlantic Coast. The regional economic impact model is designed to estimate impacts from offshore oil and gas activities on the economies of counties on the Atlantic Coast. The core of the regional economic impact model estimates local expenditures of oil and gas operators, and converts them into estimates of changes in regional employment and personal income.

The regional economic impact model is a spread-sheet-based computer model that utilizes the LOTUS 1-2-3 version 2.2 software package. The regional economic impact model is housed in 11 files, including one main spreadsheet and 10 supporting files that cycle into the main spreadsheet.

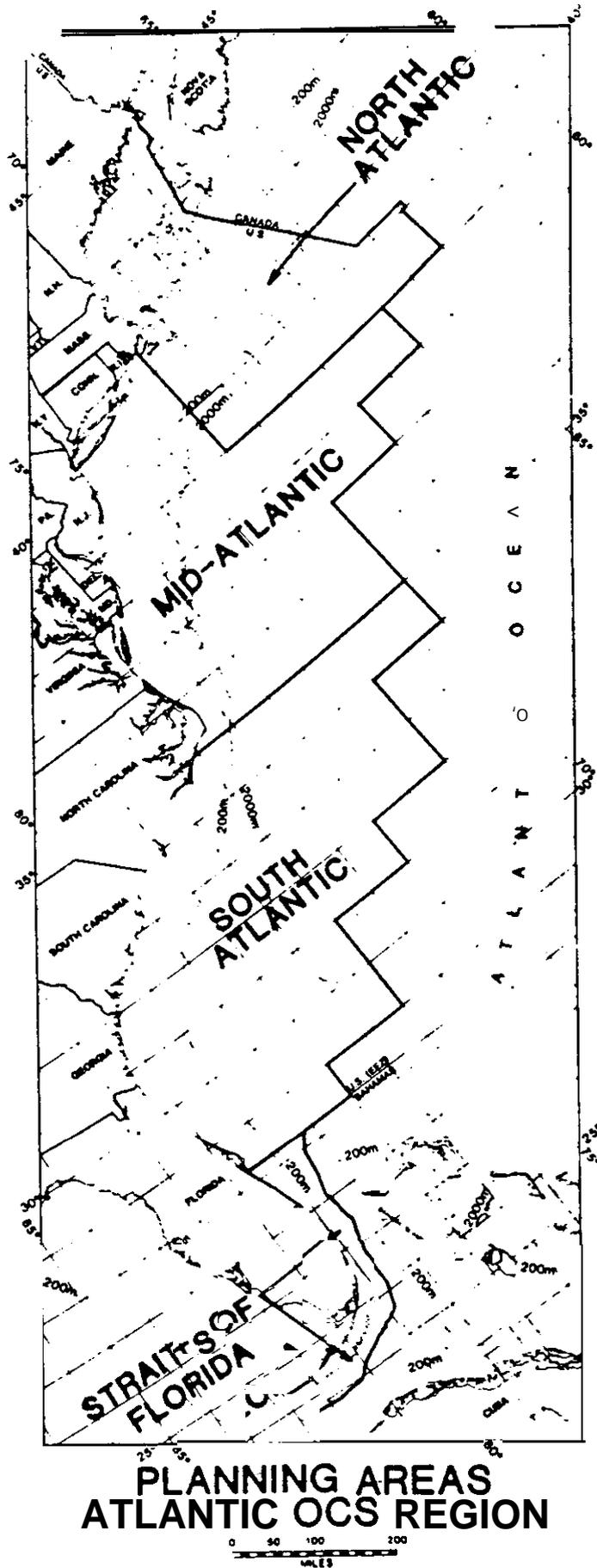
Significant Conclusions: None.

study Results: See project description.

Study Products: A computer-based regional economic impact model to estimate the onshore impacts of offshore oil and gas activities on the Atlantic ocs, and a report which includes: 1) a factbook on offshore oil and gas activities and their onshore facilities, 2) instructions for using the regional economic impact model, and 3) documentation for the regional economic impact model.

Access Number: 30503

Figure 1



**PLANNING AREAS
ATLANTIC OCS REGION**

0 50 100 200
MILES