CONTENTS

List of tables
List of figures
Introduction
Definition of terms
Chapter I. Summary of findings
A. Introduction
B. Information requested
C. Preliminary findings
1. Feasibility of separation of exploration from
production
2.Pilot project
3. Program cost
4. Program management
5. Comparison of alternativesI
6. Other feasible modifications of present methods-
Chapter II. Background and issues
A. Role of the OCS in the future U.S. energy supply
B. Current and proposed OCS leasingC. Proposals for change in the present system
C. Proposals for change in the present system
D. OCS issues
1. Public availability of resource information
2. Public control of resource development
3. Return to the public
4. Efficiency of exploration
Chapter III. Exploration alternatives and underlying assumptions
A. Identification of exploration alternatives
B. Identification of representative OCS frontier areas
C. Underlying assumptions
1. Potential resources+
2. Geophysical and drilling procedures
3. Time requirements
4.Estimated costs
D. Description of exploration alternatives!
1. Limited Government exploration
2. Limited industry exploration
3. Intermediate Government exploration
4. Intermediate industry exploration
5. Full Government exploration and full industry
exploration
Chapter IV. Evaluation and comparison of exploration alternatives
A. Introduction
B. Consideration of limited, intermediate, and full ex-
ploration programs
C. Comparison of new exploration systems Government
or industry) to present leasing practices
D. Comparison of Government v. industry alternatives.
D. Comparison of Government v. industry alternatives. E. Factors affecting return to the public
Appendix 1-OCS leasing procedures and OCS safety and environmental
protection activities of the Department of the Interior
Appendix 2-Comparison of bills amending the Outer Continental Shelf
Appendix 2-Comparison of bills amending the Outer Continental Shelf Lands Act: S. 426, S. 521, and related bills
Appendix 3-An economic analysis of alternative Outer Continental Shelf
petroleum leasing policies

	Page
Appendix 4-The OCS petroleum pie	_
Appendix 4-The OCS petroleum pieAttachment A—OCS Lands Act of 1953 and Code of Federal Regulations_	96
Attachment B—Department of the Interior OCS orders 1 through 12	116
Attachment C—Comparison and analysis of S. 521 and S. 426	182
Attachment C—Comparison and analysis of S. 521 and S. 426 Attachment D—Analysis of S. 740, "The National Energy Production	
Board Act of 1975' '	227
Attachment E-Oil and gas from the Outer Continental Shelf: Analysis	
of the "Energy Supply Act" and summary of Senate debate on S. 3221.	236
Attachment F—An analysis of the Department of the Interior's proposed	
of the "Energy Supply Act" and summary of Senate debate on S. 3221. Attachment F—An analysis of the Department of the Interior's proposed acceleration of development of oil and gas on the Outer Continental	
Shelf	250
Attachment G—Letters requesting OTA study	287
. 5	

LIST OF TABLES

I-1. Comparison of the existing system with two alternatives for separating exploration from production	Page 9
II–1. Status of leasing schedule (as of March 5, 1975)	
III-1. Data assumptions related to potential resources of regions111-2. Summary of estimated seismics and exploratory drilling required	22
111–2. Summary of estimated seismics and exploratory drilling required	23 25
111–3. OCS exploration programs—summary of time estimates	25
1114. OCS exploration programs-estimated dates for earliest discovery	
and production based on most realistic assumptions and starting	
programs in all regions in 1975	25
111-5. OCS exploration programs—summary of cost estimates	27
III-6. OCS exploration programs-exploration costs related to most opti-	
mietie data accumptione	28
III-7. A summary of the limited government exploration alternative 111-8. A summary of the limited industry exploration alternative 111-9. A summary of the intermediate government exploration alter-	
111–8. A summary of the limited industry exploration alternative	31
111–9. A summary of the intermediate government exploration alter-	
native	
111-10. A summary of the intermediate industry exploration alternative_	33
LIST OF FIGURES	
II_1 Proposed OCS planning schedule	13
II-2 OCS regions of interest for oil/gas exploration	14
III_1 OCS regions of interest for oil/gas exploration	13 14 20
III-2 Typical oil and gas exploration on the OCS-principal elements of	
II-1. Proposed OCS planning schedule II-2. OCS regions of interest for oil/gas exploration III-1. OCS regions of interest for oil/gas exploration III-2. Typical oil and gas exploration on the OCS-principal elements of alternative methods	26
(VI)	

(XI)