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Outer Continental Shelf Oil and Gas Information Program

ALASKA INDEX

(December 1974 - November 1980)

**Prepared for the U.S. Department of the Interior,
Geological Survey, and the
Bureau of Land Management**

U.S. Geological Survey Open-File Report 81-20

Copies of this index are available free upon request from:

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(907) 276-2955

U.S. Geological Survey
Conservation Division
Alaska Area
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Anchorage, AK 99501
(907) 271-4348

OCSIP Reports	Summary Report	Summary Report Update	Index*
Atlantic North Atlantic Mid-Atlantic South Atlantic	In progress November 1979 July 1980	June 1980** In progress	May 1979**
Gulf of Mexico	September 1980**		September 1979**
Pacific	May 1980	In progress	October 1980
Alaska Gulf of Alaska Beaufort Sea	September 1980** (August 1981)		August 1979**
*The November 1979 <u>Directory to Federal, State, and local OCS-related activities and contacts</u> is being incorporated into the second editions of the regional indexes.			
**Revised edition in progress.			

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(December 1974 - November 1980)



by Richard T. Dorrier

Open-File Report,
United States
Geological Survey

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Contents

Acknowledgments	iii
1. Introduction	1
Content and format of the index	1
The OCS leasing process	2
OCS oil and gas leasing schedule	5
2. Lease sale history	9
Lease Sale 39	9
Lease Sale CI	9
Lease Sale BF	11
Lease Sale 55	13
Lease Sale 60	13
Lease Sale 57	13
Lease Sale 70	13
Lease Sale 71	13
Lease Sale 61	13
Lease Sale 75	14
Lease Sale 83	14
Lease Sale 85	14
Lease Sale 86	14
3. Lease sale process	15
Sale-specific documents and data	15
Step 1. Resource reports	16
Step 2. Call for nominations and comments	22
Step 3. Tentative tract selection and state notification	29
Step 4. Pre-sale environmental impact statement	32
Step 5. Secretarial issue document	34
Step 6. Sale	35
Step 7. Exploration plan and environmental report	38
Step 8. Environmental assessment for exploration	40
Step 9. Exploration drilling	42
Step 10. Development and production plan and environmental report	43
Step 11. Environmental assessment for development and production	44
Step 12. Development and production drilling	44
Step 13. Pipelines	45
Step 14. Production	45
Step 15. Lease cancellation, expiration, or relinquishment	46
4. Ongoing programs	49
Geological and geophysical surveys and analyses	49
Intergovernmental planning program	49
Regional environmental and socioeconomic studies	51
OCS oil and gas information program	52
5. State and local involvement in the OCS leasing process	53
State agency participation in the Federal OCS process	53
Autonomous State responsibilities for OCS-related activities	54
State agency listings	54
Appendix A. Listing of Federal agencies--headquarters and regional	61
Appendix B. Listing of Alaska region State agencies	75
Appendix C. Federal depository libraries	77
Appendix D. Additional OCS-related information	79
Abbreviations and acronyms	81
Glossary	83

Illustrations

FIGURE	1	Pre-sale phase of the leasing process	3
	2	Post-sale phase of the leasing process	4
	3	Current 5-year OCS oil and gas leasing schedule	7
	4	History of Alaska OCS oil and gas leasing events	10
	5	Location of past Alaska OCS lease sales	11
	6	Areas proposed for lease in Alaska, 1980-1985	12

Tables

TABLE	1	Alaska: Participation in the Federal OCS process	55
	2	Alaska: Autonomous responsibilities for OCS-related activities	58

1. Introduction

The United States is currently engaged in an effort to develop the oil and gas resources of the Outer Continental Shelf (OCS). In Alaska, State jurisdiction extends for 3 geographical (nautical) miles (5.56 km) from the coastline. The OCS, which comprises the submerged lands of the Continental Shelf seaward of the State boundary, is under Federal jurisdiction. Activities occurring offshore must be supplied and supported from land, and the onshore activities required may have significant effects on the communities in which they occur. For example, oil and gas production might involve the expansion of existing transportation and processing facilities and the construction of new ones, and it might trigger an influx of workers and change employment patterns. These effects, in turn, could influence regional income, demand on public services, tax revenues, and air and water quality.

The need for planning to accommodate the onshore impacts of offshore oil and gas development and production has long been recognized. State and local governments need current information about offshore resources and related offshore and onshore activities to make these plans. The Outer Continental Shelf Lands Act Amendments of 1978 (43 U.S.C. 1331-1343) created an Outer Continental Shelf Oil and Gas Information Program, which is now managed by the Office of Outer Continental Shelf Information (OCSI), U.S. Geological Survey, Conservation Division. Authorities and operating procedures are detailed in the Code of Federal Regulations (CFR) at 30 CFR 252, as published in the Federal Register of August 7, 1979. Under this program, the Director of the U.S. Geological Survey (USGS), in conjunction with the Director of the Bureau of Land Management (BLM) (43 CFR 3300), prepares indexes of OCS information, listing all relevant actual or proposed programs, plans, reports, environmental

impact statements, nominations information, and other lease sale information for the OCS leasing regions. The indexes are sent on a regular basis to affected States and, upon request, to local governments. Indexes for all regions--the Atlantic (North Atlantic, Mid-Atlantic, and South Atlantic Regions), Gulf of Mexico, Pacific, and Alaska--have already been made available to the public. This volume is the second edition of the Alaska Index. Updating is done on an annual basis.

The Director of the U.S. Geological Survey is also required to make available to affected States a summary report of data and information designed to assist them in planning for the onshore impacts of potential OCS oil and gas development and production. The Mid-Atlantic, Pacific (Southern California), South Atlantic, Gulf of Alaska (including Lower Cook Inlet), and Gulf of Mexico summary reports have already been completed. Summary reports for the North Atlantic and the Beaufort Sea will be written in the spring of 1981. The summary reports present the most recent OCS oil and gas resource and reserve estimates and information on the magnitude and timing of OCS activity, offshore oil and gas transportation strategies, and current and projected nearshore and onshore activities.

CONTENT AND FORMAT OF THE INDEX

Each of the updated indexes begins by presenting information on the OCS leasing process and on the most recent OCS oil and gas leasing schedule. A detailed description of each of the steps in the OCS leasing process, from a national perspective, is presented. Following the description of each step, all relevant documents associated with the step are then listed for every sale in the region.

Ongoing programs of the Bureau of Land Management and the U.S. Geological Survey that are carried out to support the OCS leasing process are described. The final section presents information on State involvement in the leasing process, as well as a directory of State and Federal OCS-related contacts. Appendixes provide additional information pertinent to the OCS leasing process.

Except when noted otherwise, all the documents listed are available as of November 30, 1980. Pre-sale documents can be reviewed at the BLM OCS office shown below:

Alaska OCS Office
Bureau of Land Management
620 East 10th Avenue
Anchorage, AK 99510
(907) 276-2955

Post-sale documents can be examined at the following office:

U.S. Geological Survey
Conservation Division
Alaska Area
800 "A" Street
Anchorage, AK 99501
(907) 271-4348

THE OCS LEASING PROCESS

The OCS Lands Act, as amended, provides the authority and guidelines under which the Secretary of the Department of the Interior manages mineral operations on the OCS. Regulations written to implement the Act establish procedures through which the Secretary exercises these authorities. Title 43 of the Code of Federal Regulations, part 3300 et seq., governs the OCS activities administered by the Bureau of Land Management. Parts 250, 251, and 252 of title 30 of the Code of Federal Regulations cover OCS activities administered by the U.S. Geological Survey, geological and geophysical explorations conducted on unleased lands, and the responsibilities of OCS Information Program, which is administered by the Office of Outer Continental Shelf Information. The Bureau of Land Management and the U.S. Geological Survey,

both within the Department of the Interior, are the agencies with primary responsibility for management of the OCS mineral operations. However, numerous other agencies and departments participate throughout the process.

For purposes of this index, the OCS leasing process has been broken into a series of 15 steps. The pre-sale phase is outlined in figure 1 and the post-sale phase in figure 2. The purpose of the pre-sale phase of the process is to select tracts to be offered for lease within the broad geographical areas listed on the current OCS oil and gas leasing schedule. During this phase, geological and environmental data are continuously collected, analyzed, and refined. The U.S. Geological Survey gathers and analyzes technical information on potential mineral resources, geological hazards, and other geological and geophysical data. Other agencies and departments provide information appropriate to their areas of expertise, including social and economic data, especially in response to the request for resource reports and during the preparation of the pre-sale environmental impact statement. The Bureau of Land Management is responsible for coordinating and analyzing other pre-sale data and for identifying new information needs. The Bureau of Land Management is also responsible for evaluating responses from State and local governments and the public, which are solicited at various points throughout the pre-sale phase.

The post-sale phase of the OCS leasing process begins once leases have been issued by the Bureau of Land Management. The U.S. Geological Survey is responsible for supervising and regulating exploration, development, and production activities on the leased tracts. The Survey evaluates exploration and development and production plans and approves drilling permit applications under those plans. Pipelines for the transportation of oil and gas from producing wells require permits granted by the U.S. Geological Survey, the Bureau of Land Management, and other agencies.

The official boundaries of lease blocks to be included in any OCS lease sale are shown on OCS protraction diagrams. The protraction

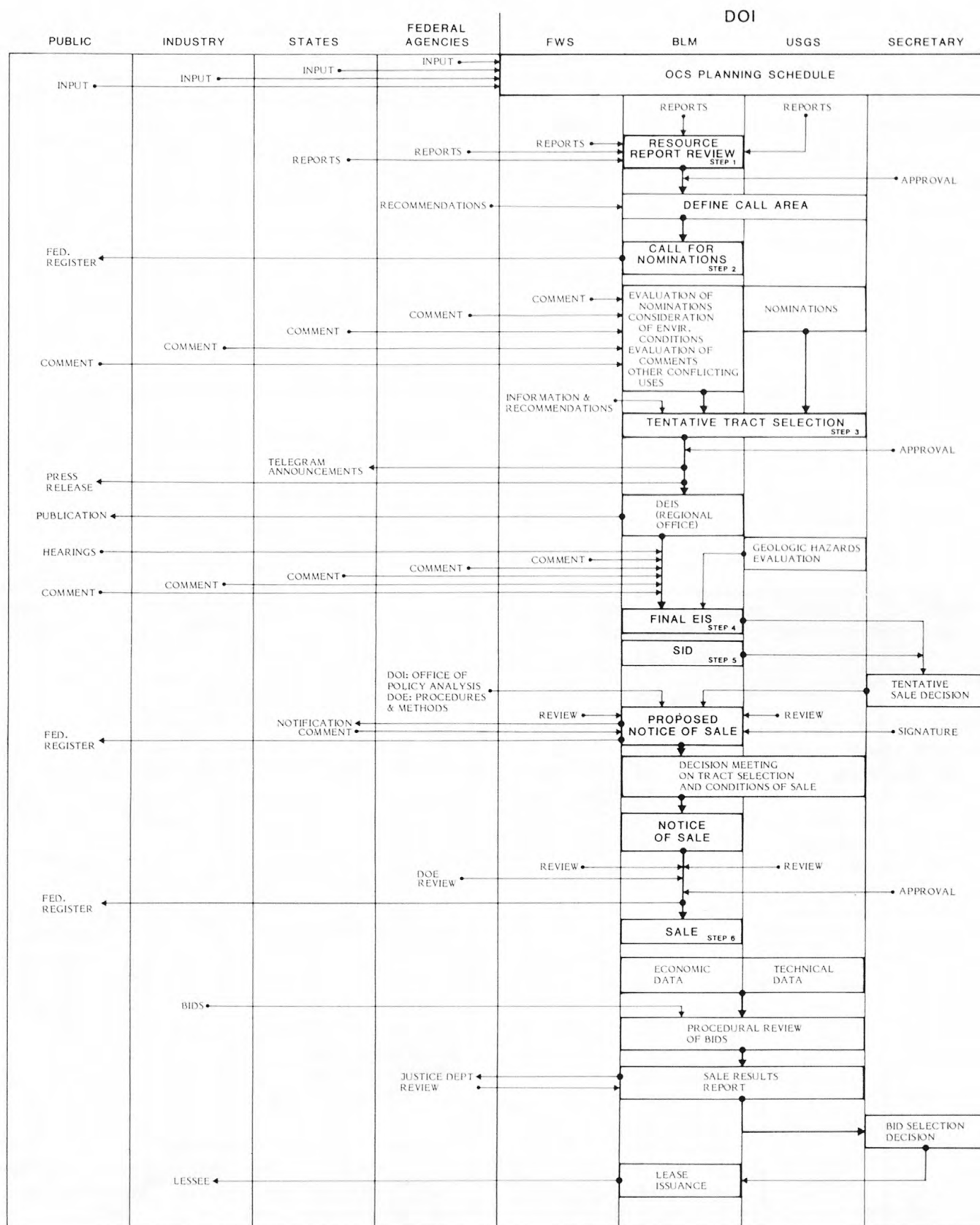


FIGURE 1.--Pre-sale phase of the leasing process.

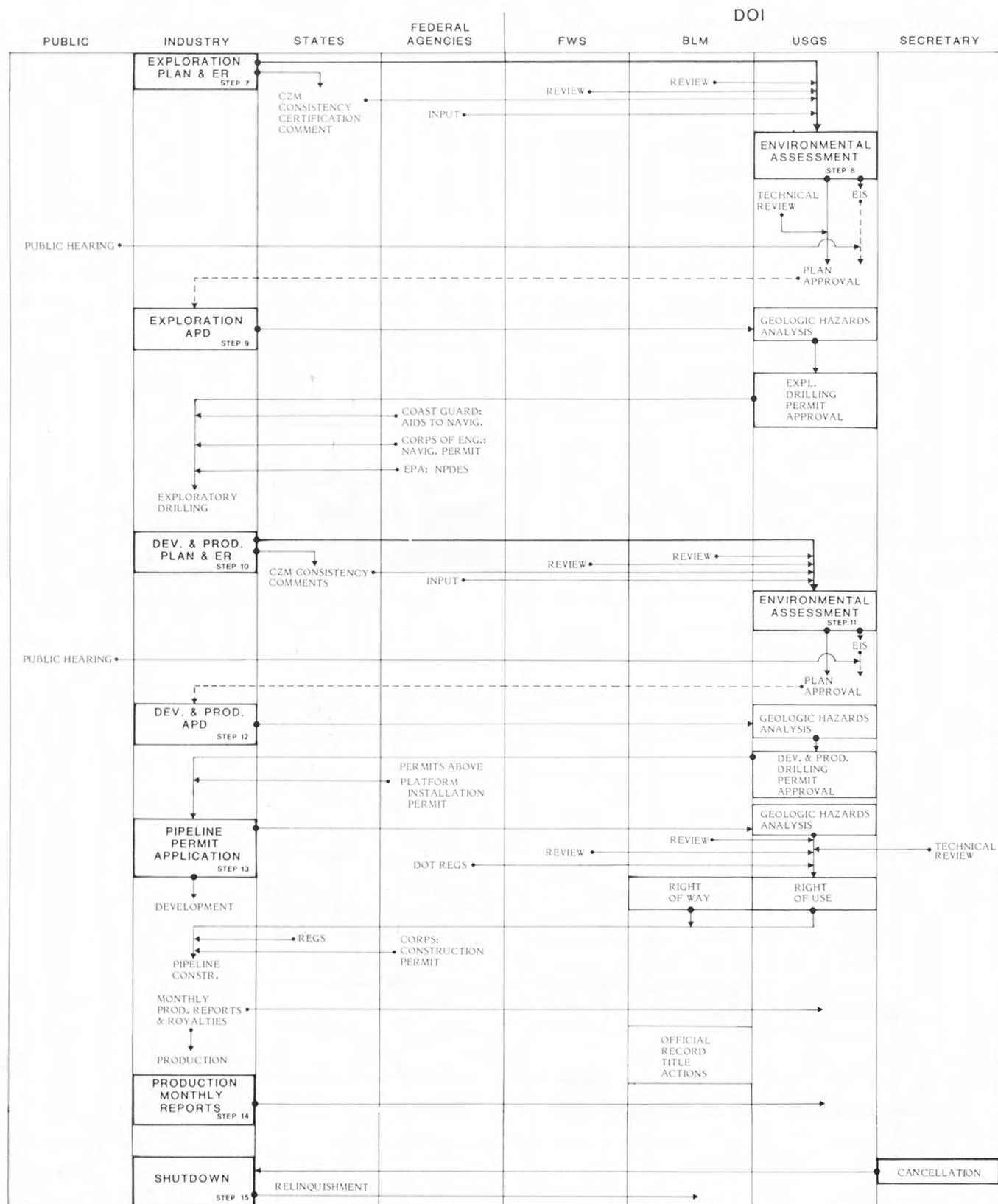


FIGURE 2.—Post-sale phase of the leasing process.

diagrams are prepared by the Bureau of Land Management and are the official documents describing leases issued on the OCS. Each protraction diagram is a map, at a scale of 1:250,000, of the area to be considered in the call for nominations. Also included are latitude and longitude and the 3-mile line separating lands under State and Federal jurisdiction. The availability of protraction diagrams for a particular call area is announced in the Federal Register at the time of the call for nominations and comments. For more information on obtaining protraction diagrams, contact the regional BLM OCS office.

OCS OIL AND GAS LEASING SCHEDULE

43 CFR 3310

The Secretary of the Interior is responsible for the preparation of a leasing program consisting of a schedule for proposed lease sales, indicating the timing and location of leasing activity for a 5-year period and estimating the appropriations and staff required to implement the program. Four objectives, outlined in the OCS Lands Act Amendments of 1978, are considered in the development of the leasing program: (1) orderly and timely resource development; (2) protection of the human, marine, and coastal environments; (3) receipt of fair market value to the public; and (4) preservation and maintenance of free enterprise competition.

Pursuant to the OCS Lands Act Amendments, regulations (43 CFR 3310) were published in the Federal Register, vol. 43, no. 208, October 26, 1978, establishing procedures to be followed in developing the 5-year program. During the preparation of the proposed leasing program, the Secretary of the Interior is required to invite and consider suggestions and relevant information from all interested parties, including Federal agencies, the Governors of affected States and, through the States, local governments, industry, and the general public. The request for information is issued as a notice in the Federal Register. For the current program, covering the period from 1980 to 1985, this notice appeared in the Federal Register, vol. 43, no. 208, October 26, 1978. Comments were requested on the

geographical, geological, and ecological characteristics of the broad areas under consideration, other uses of the resources and space of the OCS, identification of areas of environmental sensitivity and marine productivity, and the technological feasibility of, time periods required for, and interest in exploration and development of the OCS. The Secretary also sent letters to the Governors of affected States, asking them to identify specific laws, goals, and policies they believed should be considered by the Secretary in connection with the leasing program. States that were developing or administering a coastal zone management (CZM) program were also requested to supply information concerning the relationship between their CZM programs and OCS oil and gas activity. Also at this time, the Department of Energy began preparation of a draft document outlining Federal leasing and Outer Continental Shelf energy production goals for 1985, 1990, and 1995.

After considering comments and information received, the Secretary prepares a draft proposed leasing program, a copy of which is sent to the Governors of affected States. The Secretary is required to respond in writing to any comments made by Governors on the draft proposed program, if they are received at least 15 days before Federal Register publication of the proposed program. The draft for the current program was sent to Governors on March 9, 1979. A series of public meetings was also held to solicit comments on the draft proposed program. These took place in each of the leasing regions during March and April 1979. On April 27, 1979, a notice was published in the Federal Register, vol. 44, no. 83, requesting further comment on the draft proposed program and alternatives to it and announcing that an environmental impact statement (EIS) would be prepared on the proposed program.

The proposed program was submitted to Congress on June 18, 1979, and published in the Federal Register, vol. 44, no. 142, June 23, 1979. The Federal Register notice also requested comments for inclusion in the EIS. The proposed program was sent to the Governors of affected States on June 25, 1979, along with the Secretary's response to comments made by the Governors on the draft

proposed program, and to the Attorney General on June 29, 1979. Comments and recommendations from the Congress, Governors, Attorney General, and the public were to be submitted within 90 days.

The final EIS on the proposed lease sale schedule for 1980-85 was published by the Bureau of Land Management in January 1980. It presents a description of the environments affected by the proposed schedule, the environmental consequences of implementation of the schedule, and alternatives to the schedule and their impacts.

A final proposed leasing program, along with any comments received, is submitted to the President and the Congress at least 60 days prior to its approval by the Secretary. The Secretary is required to indicate in these submissions why any specific recommendation of the Attorney General or of a State or local government was not accepted. The proposed Final 5-year OCS Oil and Gas Leasing Schedule for 1980-85 was submitted to the President

and the Congress on March 28, 1980. Approval of the current schedule was announced by the Department of the Interior on June 18, 1980. The schedule (fig. 3) includes 33 potential lease sales, 5 of which are annual reoffering sales. The reoffering sales are designed to offer tracts for which bids were not received or high bids were rejected as inadequate in the previous calendar year.

The leasing schedule is updated and revised within the Department of the Interior as conditions affecting the lease sale areas change. Prior to the current schedule, several other schedules were in effect. These were dated August 1970 (covering the period from 1970-73), May 1971 (1971-75), July 1973 (1973-78), November 1974 (1974-78), June 1975 (1974-78), January 1977 (1976-80), May 1977 (1976-78), August 1977 (1977-81), June 1979 (1979-85), March 1980 (1980-85), and June 1980 (1980-85). The June 1979 and March 1980 schedules were drafts prepared for the current 1980-85 schedule.

2. Lease Sale History

There have been four lease sales in the Alaska Region. The first of these was Sale 39 in the Northern Gulf of Alaska, which occurred on April 13, 1976. This sale was followed by the Lower Cook Inlet sale, Lease Sale CI, held on October 27, 1977; the joint Federal/State Beaufort Sea sale, Sale BF, held on December 11, 1979; and Lease Sale 55 in the Eastern Gulf of Alaska, which was held on October 21, 1980.

Nine additional OCS sales off Alaska are listed on the current 5-year oil and gas leasing schedule shown in figure 3. The dates for the nine sales are shown as an "S" in the schedule. One sale, Lease Sale 85 in the Chukchi Sea, is scheduled for February 1985; however, this sale date is contingent upon the availability of exploration and development technology for the tracts to be offered in the sale.

All lease sales for which documents have been submitted are shown in figure 4. Lease Sales 83, 85, and 86 have not yet had resource reports submitted. Figure 5 shows the locations of past sales, and figure 6 shows the locations of scheduled sales.

LEASE SALE 39 (1976)

A leasing program for the Gulf of Alaska was first announced by the Secretary of the Interior, Stewart L. Udall, on November 22, 1967. The first call for nominations on February 6, 1968, resulted in 26 companies nominating 1.9 million hectares (4.6 million acres). However, a moratorium on all OCS oil and gas leasing, including the Gulf of Alaska lease sale, was ordered by Secretary Walter J. Hickel on March 21, 1969, so that new procedures and regulations affecting the leasing process could be developed.

The Bureau of Land Management re-scheduled the sale, and a second call for nominations and comments was issued on November 27, 1974. The Council on Environmental Quality, the Environmental Protection Agency, and the State of Alaska submitted strong objections to the lease sale during the public hearings on the environmental impact statement. Secretary Thomas S. Kleppe postponed the sale to allow more time to review these objections. On February 18, 1976, Secretary Kleppe announced his decision to proceed with the sale but to reduce substantially the acreage being offered in order to minimize environmental risks. Approximately 40 percent of the originally proposed acreage was deleted.

The Northern Gulf of Alaska lease sale, Sale 39, was finally held on April 13, 1976, in Anchorage. Bids were accepted for 76 tracts of the 189 tracts offered for lease. Exploratory drilling began on September 1, 1976, and 10 exploratory wells were drilled on 10 separate tracts in the lease sale area. No commercial discoveries were made, and 74 of the 76 tracts originally leased have been relinquished or terminated for nonpayment of rental. The lease expiration date for the remaining tracts is May 1981.

LEASE SALE CI (1977)

Lease Sale CI was first included on the Department of the Interior's proposed 5-year leasing schedule in November 1974. An actual date for the sale was not set until December 1975, after litigation over the sale was resolved. This litigation had begun in 1967 when both the State of Alaska and the United States claimed title to the submerged lands of Lower Cook Inlet. The Federal Government won the

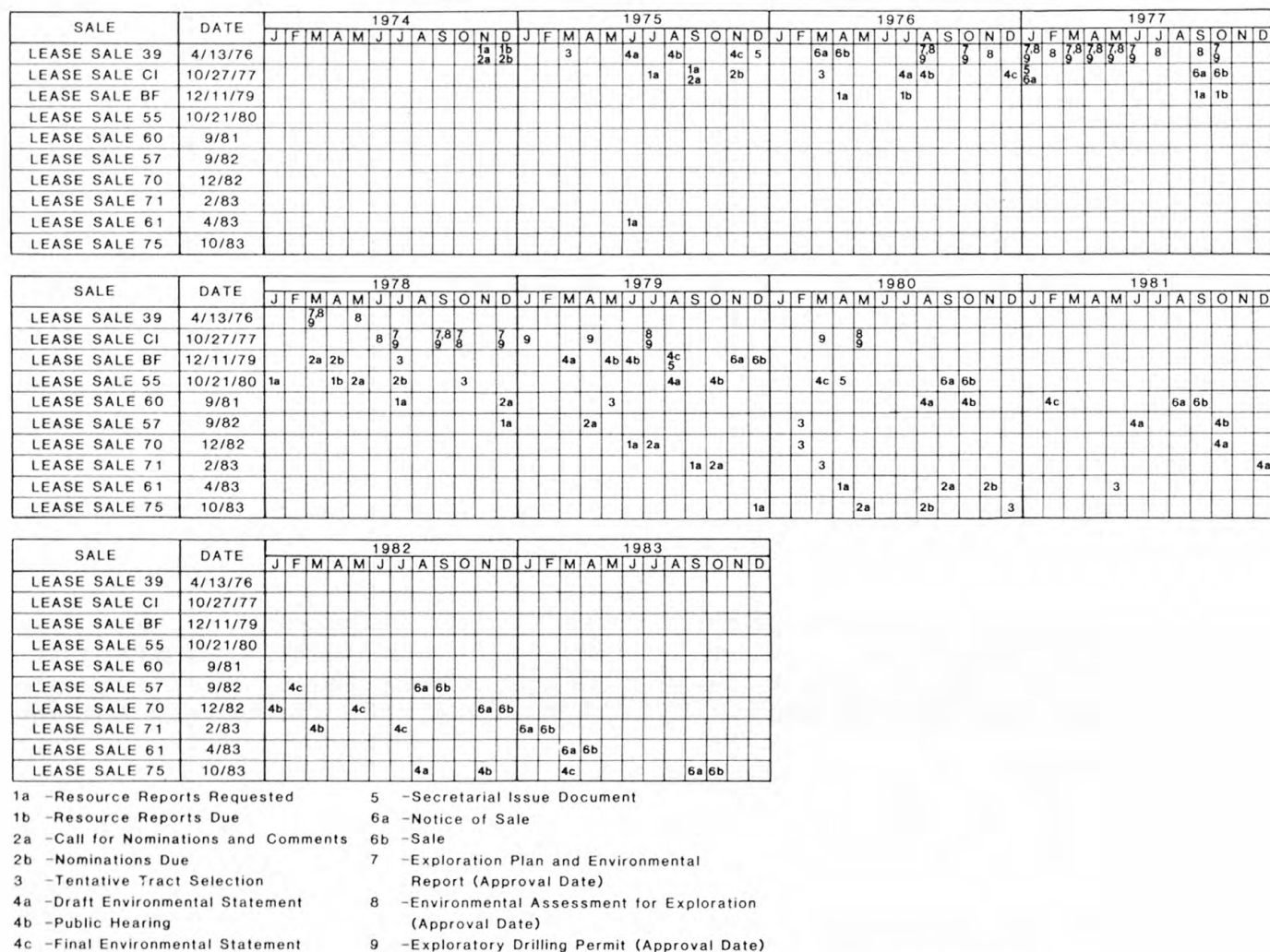


FIGURE 4.—History of Alaska OCS oil and gas leasing events.

suit, and the sale was scheduled for February 1977. A second suit was filed in 1977 by the English Bay Village Corporation, which claimed that the environmental impact statement prepared for the sale was inadequate and that the decision to hold the sale violated the Alaska Native Claims Settlement Act. The new Secretary of the Interior, Cecil D. Andrus, canceled the sale on February 7, 1977, to study the Corporation's claim, as well as the background material used by his predecessor in making decisions regarding the scheduling of Sale CI. On September 16, 1977, the sale was rescheduled for October 27, 1977. The litigation involving the native corporation

recommenced after the sale was held. A settlement was entered for amicable resolution of the suit, and the case was dismissed in March 1978.

Of the 135 blocks offered for lease in Sale CI, 87 blocks were leased. Eight exploratory wells were drilled between July 1978 and June 1980. No commercial discoveries were made and no further applications for permit to drill have been submitted. As of November 30, 1980, 18 tracts originally leased during Sale CI have been relinquished. The lease expiration date for the remaining 69 tracts is November 30, 1982.

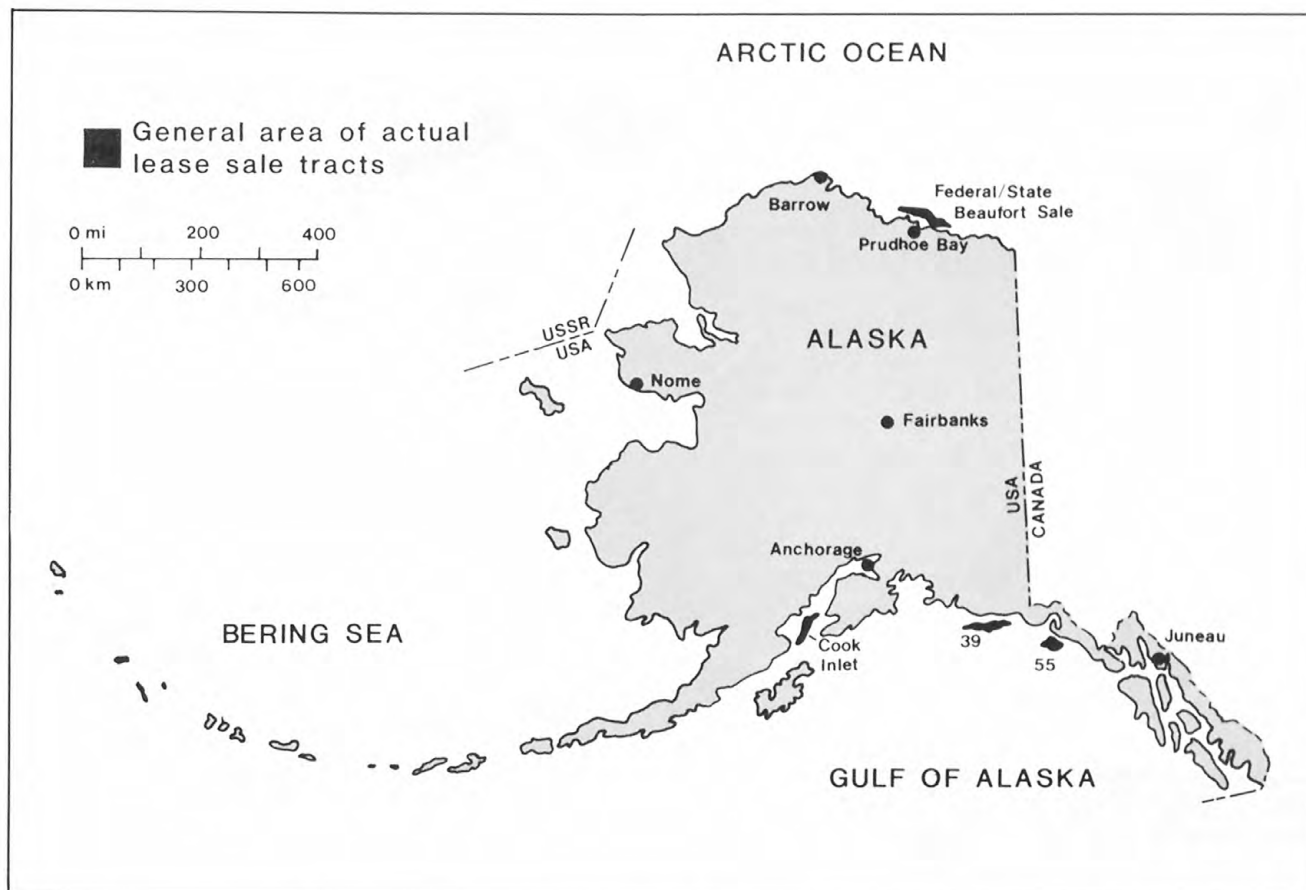


FIGURE 5.—Location of past Alaska lease sales. (Benton, J., McDowell, T., and Conner, W., 1979, Outer Continental Shelf Oil and Gas Information Program: Alaska Index (December 1974 - June 1979): prepared for the U.S. Geological Survey, in cooperation with the Council on Environmental Quality, by the MITRE Corporation, August 1979, U.S. Geological Survey Open-File Report 79-1345, p. 5, and Jackson, Joanne Barnes, and Dorrier, Richard T., 1980, Outer Continental Shelf oil and gas activities in the Gulf of Alaska (including Lower Cook Inlet) and their onshore impacts: a summary report, September 1980: prepared for the Outer Continental Shelf Information Program, U.S. Geological Survey, by Rogers, Golden & Halpern, U.S. Geological Survey Open-File Report 80-1028, p. 2.)

LEASE SALE BF (1979)

Lease Sale BF was the first joint Federal/State oil and gas lease sale in Alaska. It was also the first Federal sale to be held in Arctic waters, in the vicinity of Prudhoe Bay. A major coordinating effort by Federal and State governments was required to conduct

the preliminary steps in the leasing process before the sale. Special stipulations and other mitigating measures were required to lessen the possible adverse impacts of oil and gas activities on the environment. The sale was held in Fairbanks on December 11, 1979, as originally scheduled in the August 1977 leasing schedule.

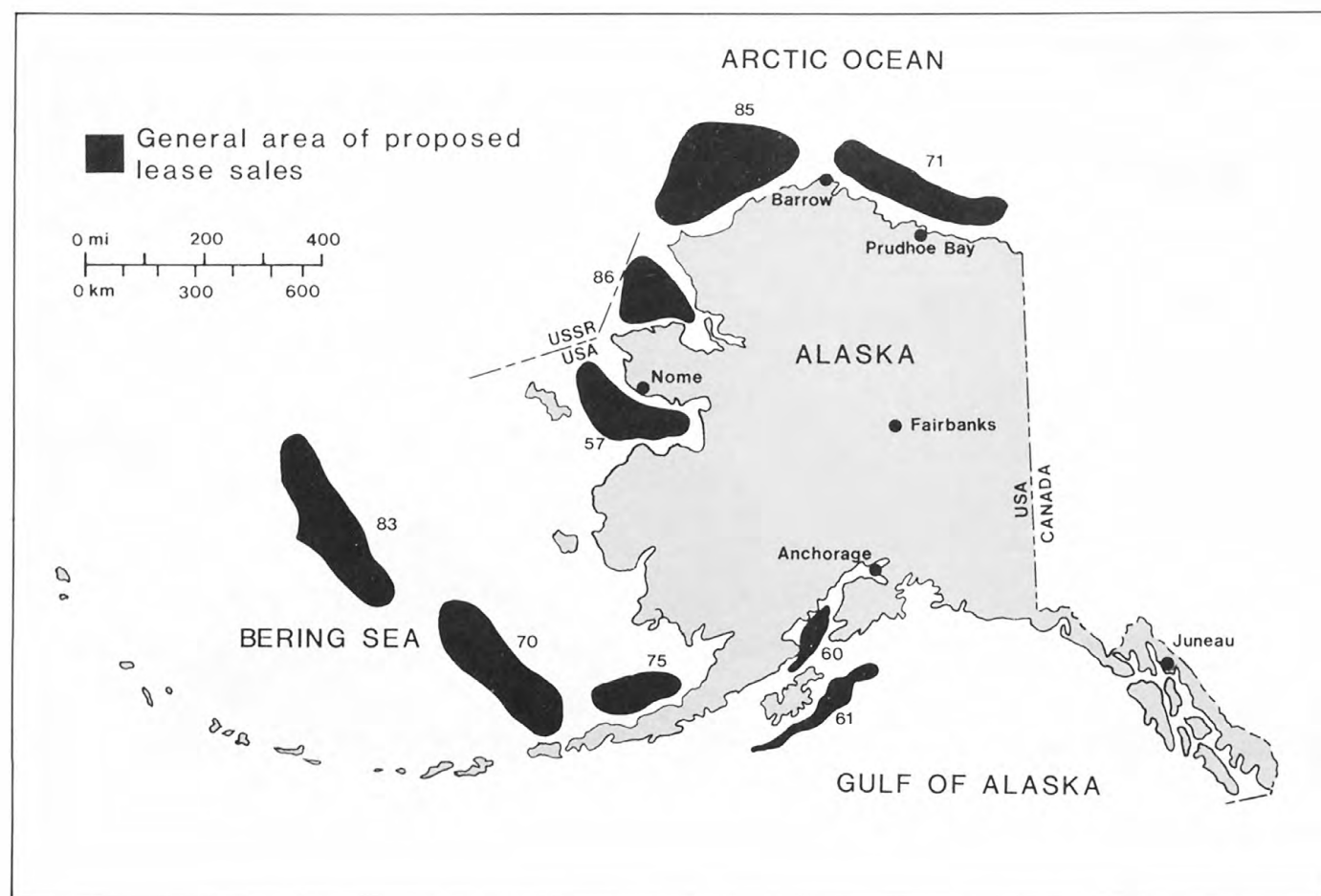


FIGURE 6.—Areas proposed for lease in Alaska, 1980-1985. (Jackson, Joanne Barnes, and Dorrier, Richard T., 1980, Outer Continental Shelf oil and gas activities in the Gulf of Alaska (including Lower Cook Inlet) and their onshore impacts: a summary report, September 1980: prepared for the Outer Continental Shelf Information Program, U.S. Geological Survey, by Rogers, Golden & Halpern, U.S. Geological Survey Open-File Report 80-1028, p. 4.)

Twenty-three federally owned tracts and 71 State-owned tracts were offered in Lease Sale BF. An additional 23 tracts of disputed acreage were also offered. Although jurisdiction between Federal and State governments is in dispute on the latter tracts, a memorandum of understanding between the Department of the Interior and Governor Hammond provided for Federal management of the lands. Twenty-five bids on the Federally owned or managed tracts were submitted. Sixty-two bids on State tracts were submitted.

On January 23, 1980, Judge Aubrey E. Robinson, Jr., of the U.S. District Court for

the District of Columbia, enjoined the Secretary of the Interior from accepting the bids on all Federal tracts. The Department of the Interior appealed the decision, and on July 9, 1980, the U.S. Court of Appeals for the District of Columbia vacated the injunction. On July 11, 1980, Secretary Andrus announced his acceptance of 24 of the 25 bids submitted during the sale. One of the bids was rejected as insufficient.

The Circuit Court ruling allowed the lessees to proceed with the seismographic testing necessary for development of their exploration plans. No exploration plans for the leased tracts have been submitted to date.

LEASE SALE 55 (1980)

Lease Sale 55 was the second lease sale scheduled in the Gulf of Alaska. The sale was held on October 21, 1980, as originally scheduled in the 1974 leasing schedule. There was no litigation involved in the sale. However, prior to the sale, the Secretary of the Interior dropped 140 tracts off Yakutat in response to requests from the State of Alaska and the community of Yakutat for protection of commercial fishing operations, waterfowl, and marine mammals.

Thirty-seven bids were received from oil companies on the 210 tracts offered in the sale. Two bids were rejected as insufficient. The remaining 35 bids were accepted by the Secretary of the Interior on November 13, 1980. The 35 tracts covered a total of 81,640 hectares (201,732 acres) of offshore lands. The lease expiration date for these 35 leases is November 30, 1985.

No exploration plans have been submitted by the lessees to date. The documents presented in chapter 3 therefore cover only steps 1 to 6 in the leasing process.

LEASE SALE 60 (1981)

Lease Sale 60 is the second sale scheduled in Lower Cook Inlet, following Sale CI, which was held during October 1977. Portions of OCS lands in Shelikof Strait, as well as OCS areas surrounding the tracts leased in Sale CI, are included in the upcoming sale. Sale 60 appears on the current leasing schedule for 1980-85 with an anticipated sale date of September 1981.

Tentative tract selection for Sale 60 was completed on May 31, 1980. The draft EIS was published on September 9, 1980, and public hearings were held on October 14-16, 1980. Since Sale 60 is still at the EIS step, documents are available for steps 1 to 4 only.

LEASE SALE 57 (1982)

Lease Sale 57 is scheduled for September 1982 in the current 5-year leasing schedule.

The sale area is located in Norton Sound, off the western coast of Alaska. Tentative tract selection was completed on February 20, 1980, and the draft EIS is scheduled for release in June 1981. Information for Sale 57 is available for steps 1 to 3 in the leasing process.

LEASE SALE 70 (1982)

Lease Sale 70 was first scheduled as Sale 45 in the June 1975 leasing schedule. In the November 1976 leasing schedule, the same area in the southeastern Bering Sea was listed as Lease Sale 60. The August 1977 schedule dropped the sale altogether, listing Sale 60 as a Cook Inlet sale. Finally, in June 1979, the same sale area was rescheduled as Sale 70, to be held in December 1982. The current 5-year leasing schedule, published in June 1980, has retained this sale number and date for Sale 70, and the sale area is now designated as the St. George Basin.

The tentative tract selection for Sale 70 was completed in February 1980. Scoping meetings, as part of the EIS review process, were held in April 1980. Since Sale 70 is at the beginning of the EIS step, documents are available for steps 1 to 3 only.

LEASE SALE 71 (1983)

Lease Sale 71 is scheduled to take place in February 1983, according to the current 5-year leasing schedule. The sale area is located in the Beaufort Sea, adjacent to the joint Federal/State lease sale area which was leased in December 1979. Tentative tract selection for Sale 71 was completed on April 9, 1980. The draft EIS will be published in December 1981. Information provided below includes documents published for steps 1 to 3 in the leasing process.

**LEASE SALE 61 (1983)
(formerly Lease Sale 46)**

Lease Sale 61 is scheduled for April 1983 in the current 5-year leasing schedule. The sale area is located in the Kodiak Basin of the Western Gulf of Alaska. Sale 61 replaces Sale 46, previously scheduled for July 1980, which

was deleted by the Secretary of the Interior because of the area's low resource potential, the limited interest of the oil and gas industry, and the concerns raised by the residents and officials of the Kodiak area. Sale 46 was completed up to step 4, the EIS step, before being deleted in March 1980. Documents available for steps 1 to 4 of Sale 46 are listed below.

Steps 1 and 2 are the only steps completed for Sale 61. The call for nominations and comments was issued on September 22, 1980. Nominations and comments were due on November 21, 1980.

LEASE SALE 75 (1983)

Lease Sale 75 was listed on the June 1980 leasing schedule with a proposed sale date of October 1983. The sale area is located in Bristol Bay and has been designated on the leasing schedule as the North Aleutian Shelf. Only the first two steps of the leasing process have been completed for Sale 75. Documents available for steps 1 and 2 are listed below. Step 3, tentative tract selection, will be completed in December 1980.

LEASE SALE 83 (1984)

Lease Sale 83 is scheduled for December 1984 on the current leasing schedule for 1980-

85. The proposed sale is located in an area called the Navarin Basin in the Bering Sea, approximately 644 km (400 mi) off the western coast of Alaska. None of the steps in the leasing process have been completed to date.

LEASE SALE 85 (1985)

Lease Sale 85 has a proposed sale date of February 1985 on the current 5-year leasing schedule. This sale date, however, is contingent upon the availability of exploration and development technology in the proposed sale area. Sale 85 is located in the Chukchi Sea, off the northwestern coast of Alaska, which has more severe climatic conditions than any other lease sale area in Alaska. The leasing process has not been initiated as yet for this sale.

LEASE SALE 86 (1985)

Lease Sale 86 is scheduled for May 1985 on the current leasing schedule. The sale area is located in the Hope Basin, off the coast of northwestern Alaska. The leasing process has not been started for this sale.

3. Lease Sale Process

SALE-SPECIFIC DOCUMENTS AND DATA

This section lists documents and information relevant to each of the four OCS oil and gas lease sales held off Alaska between April 1976 and October 1980. Existing pre-sale documents for the next six scheduled sales are also listed. In most cases, only the first two or three steps in the leasing process have been completed. The leasing process has not been started for the remaining three sales listed on the schedule.

Regulations in effect prior to the OCS Lands Act Amendments of 1978 required fewer documents, and those required were of a less detailed nature than those called for by current regulations. The following changes in regulations are particularly important in accounting for differences in the documentation presented in this chapter.

- State notification of tract selection (43 CFR 3313.2) and the publication of the proposed notice of sale (43 CFR 3315.1) were not required for Lease Sale 39.
- Exploration plans and development and production plans (30 CFR 250.34-1 and 250.34-2) have become increasingly detailed. Plans submitted prior to 1979 may not contain all the information listed in chapter 3, and they are not always accompanied by environmental reports. In addition, regulations requiring that plans be submitted for all exploration or de-

velopment and production activities were not final until December 1979.

- Compliance with the National Environmental Policy Act of 1969 (NEPA) has resulted in the requirements for a pre-sale environmental impact statement and environmental assessments on exploration and development and production plans (30 CFR 250.34-4).
- Executive Order 12044, issued in March 1978, has resulted in certain revisions in the language of pertinent Federal regulations. This order directed Federal agencies to make regulations as simple and clear as possible.

It should be noted that only responses from Federal, State, and local governmental units are listed under "Step 1. Resource Reports" and "Step 2. Call for Nominations and Comments." Responses from special interest groups and individuals are not listed but are available at the regional OCS office indicated. It should also be noted that a single respondent frequently submits information concerning more than one topic.

All documents listed in this chapter are available at the OCS office noted after each entry under a particular leasing process step. Copies may be obtained by contacting the appropriate office. The addresses and telephone numbers of these offices are listed on the inside front cover of this index.

STEP 1. RESOURCE REPORTS

43 CFR 3312.1

Approximately 6 months prior to the call for nominations and comments, the Director of the Bureau of Land Management, through the appropriate regional OCS office, requests resource reports from pertinent Federal agencies. Reports are also frequently requested from State agencies. The geographical area to which the resource reports pertain is quite broad. It is based on the proposed lease sale areas identified in the OCS leasing schedule and is developed through consultation among personnel in the regional BLM and USGS offices.

Resource reports are used primarily to identify significant issues that could preclude leasing specific tracts or that would require inclusion of stipulations in the lease. Resource reports are also used to assist the Bureau of Land Management in determining what additional information needs to be developed. In addition, the reports provide information that may be useful in defining the call area and in preparing the pre-sale environmental impact statement.

In response to the request for resource reports, the U.S. Geological Survey submits a summary report describing the general geology and potential mineral resources of the area under consideration. This summary report also contains a preliminary assessment of geologic hazards. The analysis and refinement of hazards and mineral resource data continues throughout the OCS leasing process. Other agency reports discuss the potential effects of mineral operations on the resources and uses of the natural and socioeconomic environment. They describe such factors as biological and geological makeup, mineral occurrence, oceanographic factors, navigational and military uses, economic impact, sport and commercial fishing, recreational uses, coastal zone management, and environmental, sociological, and cultural values.

LEASE SALE 39 (1976)

Resource reports for the Lease Sale 39 area were requested from Federal and State

agencies on November 22, 1974. Fourteen agencies responded to the request. Four of these supported the sale and had no conflicts with oil and gas development. The remaining agencies expressed concern over a number of potential effects of OCS activity. The major concerns cited included the lack of environmental baseline data; impacts to wildlife resources, fisheries, and timber resources; and conflicts with commercial shipping traffic. The Governor of Alaska and the Environmental Protection Agency requested that the sale be postponed until more environmental data were available and the industry had gained operating experience in environmentally fragile areas. The U.S. Geological Survey provided a detailed resource report on the petroleum resource potential and regional geologic hazards in the Gulf of Alaska.

Resource Reports

Federal Power Commission, 2 p. and 9 p. attachments.	12/24/74
Bureau of Outdoor Recreation, Department of the Interior, 3 p. and 3 p. attachments.	12/27/74
Governor, Alaska, 2 p.	12/30/74
Bureau of Mines, 3 p.	12/31/74
U.S. Geological Survey, 88 p.	12/74
Fish and Wildlife Service, 1 p.	1/6/75
Forest Service, 2 p. and 8 p. attachments.	1/9/75
Environmental Protection Agency, 2 p. and 2 p. attachments.	1/9/75
Department of Defense, 1 p.	1/9/75
Federal Energy Administration, 2 p. and 14 p. attachments.	1/10/75
Department of Transportation, 3 p.	1/13/75
Department of the Treasury, 1 p.	1/15/75
National Oceanic and Atmospheric Administration, 3 p. and 12 p. attachments.	2/18/75
Fish and Wildlife Service, 1 p. and 26 p. attachments.	3/5/75

Availability: BLM.

LEASE SALE CI (1977)

Resource reports on the Lease Sale CI area were requested from a number of Federal agencies on July 14, 1975. Sixteen agencies responded. The major concerns addressed in the reports included potential navigation conflicts with commercial shipping traffic, the impact on commercial fisheries, the socio-economic impact on subsistence fishing cultures, and the effects of tides and currents in the inlet on drilling operations. Three agencies encouraged oil and gas exploration and development in their reports. The U.S. Geological Survey prepared an open-file report in response to the resource report request. This report discussed the geology of the area, provided resource estimates, and identified regional geologic hazards present in Lower Cook Inlet.

Resource Reports

Department of the Treasury, 1 p.	7/25/75
Alaska Department of Natural Resources, 1 p.	7/27/75
Bureau of Outdoor Recreation, Department of the Interior, 2 p.	8/11/75
Federal Energy Administration, 2 p.	8/20/75
National Park Service, 2 p.	8/27/75
Bureau of Mines, 2 p.	9/9/75
Federal Power Commission, 2 p. and 10 p. attachments.	9/11/75
Forest Service, 1 p.	9/16/75
Natural Oceanic and Atmospheric Administration, 1 p. and 5 p. attachments.	9/16/75
U.S. Geological Survey, 2 p. and 72 p. attachments.	9/24/75
Bureau of Indian Affairs, 1 p. and 14 p. attachments.	9/29/75
Department of Defense, 1 p.	9/29/75
National Marine Fisheries Service, National Oceanic and Atmospheric Administration, 1 p. and 32 p. attachments.	9/30/75
Environmental Protection Agency, 1 p.	10/10/75

Fish and Wildlife Service, 1 p. and 14 p. attachments.	10/14/75
Department of Transportation, 2 p.	10/24/75
Availability: BLM.	

LEASE SALE BF (1979)

Resource reports for the joint Federal/State lease sale area in the Beaufort Sea were first requested on April 21, 1976. Twelve Federal and State agencies responded to the request. A supplemental request was sent to the same agencies on September 2, 1977, and 13 agencies responded. Both sets of resource reports are listed below.

The 12 agencies responding to the first request provided 20 reports. Three agencies supported the sale and did not have conflicts with OCS development in the Beaufort Sea. Three other agencies had few or no comments concerning resources in the lease sale area. A number of resource issues were identified by the remaining six agencies. These included oil spill technology in the Arctic Ocean, protection of biological and marine resources, ice hazards, potential impacts to the Arctic National Wildlife Refuge, and the effects of drilling operations on bowhead whale migrations. The reports submitted in response to the supplemental request provided little new information relevant to resources in the Beaufort Sea lease sale area. Several agencies, including the Environmental Protection Agency and the National Oceanic and Atmospheric Administration, requested that additional studies concerning the potential environmental impact of OCS exploration and development be completed before proceeding with the sale. The U.S. Geological Survey provided an update of Open-File Report 76-830, which had been submitted previously. This updated report contained geologic information, estimates of oil and gas resource potential, estimates of sand and gravel resources, and descriptions of current and planned petroleum exploration activities in the Beaufort Sea lease sale area.

Resource Reports

U.S. Geological Survey, 3 p.	5/20/76
National Park Service (Alaska Area Office), 1 p. and 20 p. attachments.	6/1/76
U.S. Coast Guard, 1 p.	6/8/76
National Park Service, 1 p.	6/23/76
Federal Energy Administration, 2 p.	6/29/76
Bureau of Mines, 1 p.	7/8/76
Bureau of Outdoor Recreation, Department of the Interior, 1 p.	7/13/76
Bureau of Indian Affairs, 1 p.	7/14/76
Environmental Protection Agency, 11 p.	7/20/76
Department of Transportation, 3 p.	7/27/76
Department of Defense, 2 p.	7/29/76
National Oceanic and Atmospheric Administration, 137 p.	8/24/76
Federal Power Commission, 10 p.	9/7/76
Bureau of Outdoor Recreation, Department of the Interior, 1 p.	9/9/76
Federal Energy Administration, 1 p.	9/9/76
Department of Defense, 2 p.	9/14/76
National Park Service, 1 p.	9/14/76
Bureau of Indian Affairs, 2 p.	9/20/76
National Oceanic and Atmospheric Administration, 3 p.	9/21/76
Bureau of Outdoor Recreation, Department of the Interior, 2 p.	9/20/77
Federal Energy Administration, 2 p.	9/21/77
Federal Aviation Administration, 1 p.	9/21/77
National Park Service, 1 p.	9/23/77
U.S. Coast Guard, 1 p.	9/28/77
Environmental Protection Agency, 2 p.	9/30/77
Bureau of Mines, 4 p.	9/30/77
Fish and Wildlife Service, 2 p.	10/3/77
National Oceanic and Atmospheric Administration, 30 p.	10/4/77
Department of the Treasury, 1 p.	10/11/77

U.S. Geological Survey, 1 p. and 69 p. attachments.	10/12/77
Department of Defense, 1 p.	10/19/77
Federal Energy Regulatory Commission, 2 p.	11/21/77
Fish and Wildlife Service, 7 p.	7/27/78
Availability: BLM.	

LEASE SALE 55 (1980)

Resource reports for the Lease Sale 55 area were requested from Federal and State agencies on January 23, 1978. Fourteen reports from 13 agencies were submitted. Two agencies supported the sale. Six agencies had no conflicts with OCS development in the Sale 55 area. The National Park Service, the Environmental Protection Agency, and the Forest Service expressed concern over potential impacts to wildlife, marine, and wilderness resources. The Fish and Wildlife Service (FWS) referred to Outer Continental Shelf Environmental Assessment Program reports that contained FWS data on fish and wildlife resources in the sale area. The U.S. Geological Survey prepared a detailed resource report on petroleum potential, regional hazards, and technology for exploration in the Sale 55 area off the Gulf of Alaska.

Resource Reports

Bureau of Mines, 1 p.	2/6/78
Bureau of Land Management, Alaska OCS Office, 1 p.	2/13/78
Bureau of Indian Affairs, 1 p.	2/15/78
Alaska Economic Development Office, 1 p.	2/28/78
Department of Energy, 2 p.	3/2/78
National Park Service, 2 p. and attachment.	3/6/78
Forest Service, 2 p.	3/27/78
Department of the Treasury, 2 p.	3/29/78
Heritage Conservation and Recreation Service, 3 p.	4/10/78

Fish and Wildlife Service, 1 p.	4/21/78
Department of Defense, 1 p.	4/24/78
National Park Service, 2 p.	4/27/78
Environmental Protection Agency, 1 p.	4/28/78
U.S. Geological Survey, 1 p. and 29 p. attachments.	5/15/78
<hr/> Availability: BLM.	

LEASE SALE 60 (1981)

Letters were sent to Federal and State agencies on July 12, 1978, requesting resource reports for the Lease Sale 60 area. Twelve agencies responded to the request. The Department of Energy, the Department of Defense, the Bureau of Mines, and the Department of the Treasury had no comments concerning resources in the sale area. The major concerns expressed by the other Federal and State agencies included potential impacts to fishing and wildlife resources, proposed wilderness areas, and Native American lands; conflicts with the Marine Sanctuary Program; operational hazards to OCS exploration and development caused by seismicity, volcanism, severe weather, ocean currents, and drifting ice; and conflicts with commercial shipping and fishing vessel traffic. The U.S. Geological Survey prepared a detailed resource report concerning petroleum geology, resource potential, regional geologic hazards, and the time frame and infrastructure affecting drilling operations on the Lower Cook Inlet/Shelikof Strait OCS.

Resource Reports

Department of the Treasury, 2 p.	7/26/78
U.S. Army Corps of Engineers (Alaska District), 1 p.	8/7/78
Bureau of Mines, 1 p.	8/17/78
Heritage Conservation and Recreation Service, 2 p.	9/20/78
Department of Energy, 4 p. and attachment.	9/27/78

Environmental Protection Agency, 2 p.	9/29/78
National Oceanic and Atmospheric Administration, 3 p.	9/29/78
Fish and Wildlife Service, 2 p. and 23 p. attachments.	9/29/78
Forest Service (Chugach National Forest), 1 p.	10/3/78
Department of Defense, 1 p.	10/3/78
U.S. Coast Guard, 1 p.	10/23/78
U.S. Geological Survey, Open-File Report 79-600, 38 p.	1/19/79
<hr/> Availability: BLM.	

LEASE SALE 57 (1982)

Resource reports for the Lease Sale 57 area were requested from Federal and State agencies on December 14, 1978. Fourteen agencies responded. Five agencies had no comments with respect to resources within the sale area. The major issues identified by the nine other agencies included potential impacts to biological resources, endangered species, and subsistence cultures; conflicts with commercial fisheries; impacts to the Bering Land Bridge National Monument; disruption of the marine mammal migration corridors; and the effects of ice and regional geologic hazards on drilling operations.

Resource Reports

Heritage Conservation and Recreation Service, 1 p.	1/16/79
U.S. Geological Survey, 1 p. and 15 p. attachments.	1/18/79
Alaska Department of Community and Regional Affairs, 1 p.	1/31/79
Department of the Treasury, 1 p.	2/15/79
Bureau of Mines, 1 p. and 7 p. attachments.	2/23/79
Forest Service, 1 p.	2/23/79
Alaska Division of Policy Development and Planning, Office of the Governor, 3 p. and 17 p. attachments.	2/28/79

Resource Reports (Continued)

Department of Energy, 3 p. and attachment.	3/2/79
National Park Service, 3 p.	3/2/79
Department of Transportation, 1 p.	3/5/79
National Park Service, 2 p.	3/8/79
Department of Defense, 1 p.	3/15/79
Office of Coastal Zone Management, National Oceanic and Atmospheric Administration, 2 p. and attachment.	3/16/79
Fish and Wildlife Service, 1 p. and attachment.	4/3/79
Environmental Research Laboratories, National Ocean and Atmospheric Administration.	4/6/79
U.S. Geological Survey, 1 p. and 43 p. attachments.	4/6/79

Availability: BLM.

LEASE SALE 70 (1982)

Resource reports for the Lease Sale 70 area were requested on June 22, 1979. Fourteen Federal and State agencies responded to the request. Two agencies supported the sale, and four others had no comments on resources in the sale area. The major concerns expressed by other agencies included the protection of marine and biological resources, conflicts with commercial vessel traffic, the lack of resource data, and the effects of ice and regional geologic hazards on drilling operations. The National Marine Fisheries Service of the National Oceanic and Atmospheric Administration and the Governor's Office of the State of Alaska requested that the sale be postponed until further data was available. The U.S. Geological Survey provided a detailed resource report of the petroleum potential and geologic hazards present in the Sale 70 area.

Resource Reports

Indian Health Service, Department of Health and Human Services, 4 p. and 2 p. attachments.	7/11/79
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Department of the Treasury, 1 p.	7/18/79
Department of Energy, 2 p.	7/24/79
Heritage Conservation and Recreation Service, 2 p.	8/31/79
National Park Service, 1 p.	9/14/79
U.S. Coast Guard, 3 p.	9/17/79
Alaska Department of Community and Regional Affairs, 2 p.	9/20/79
Department of Defense, 1 p.	9/26/79
U.S. Geological Survey, 76 p.	9/26/79
National Marine Fisheries Service, National Oceanic and Atmospheric Administration, 104 p.	10/10/79
Fish and Wildlife Service, 1 p.	10/10/79
Office of Coastal Zone Management, National Oceanic and Atmospheric Administration, 3 p.	10/24/79
Alaska Division of Policy Development and Planning, 12 p.	11/1/79
Office of Coastal Zone Management, National Oceanic and Atmospheric Administration, 6 p.	11/2/79
Environmental Protection Agency, 1 p.	11/30/79

Availability: BLM.

LEASE SALE 71 (1983)

Resource reports on the Lease Sale 71 area were requested from Federal and State agencies on September 10, 1979. Fourteen agencies responded to the request. Two agencies supported the sale. Seven agencies had little or no resource information on the sale area. An environmental organization and the Fish and Wildlife Service expressed concern with providing adequate protection of wildlife habitats. The Environmental Protection Agency was concerned with ice hazards and the effect of discharges from drilling rigs on the arctic environment. The U.S. Coast Guard expected problems in providing necessary services because of the severity of climate conditions. The U.S. Geological Survey provided a technical report dealing with geology, hydrocarbon potential, environmental conditions, and the technology required for exploration and development in the Beaufort Sea.

Resource Reports

Department of Energy, 3 p.	10/10/79
U.S. Department of Agriculture, 1 p.	10/10/79
Department of the Treasury.	10/15/79
Alaska Office of the Governor.	10/16/79
Alaska Department of Commerce and Economic Development, 1 p.	10/22/79
National Park Service, 2 p. and attachment.	10/31/79
Alaska Department of Administration, 1 p.	11/21/79
Fish and Wildlife Service, 1 p. and 18 p. resource report.	n.a.
National Oceanic and Atmospheric Administration, 2 p. and attachment.	11/29/79
Department of Defense, 1 p.	11/30/79
Environmental Protection Agency, 1 p.	11/30/79
U.S. Coast Guard, 2 p.	11/30/79
Fairbanks Environmental Center, 1 p. and 4 reports.	n.a.
U.S. Geological Survey, 1 p. and 42 p. attachments.	1/25/80

Availability: BLM.

n.a. = Data not available.

LEASE SALE 61 (formerly Lease Sale 46) (1983)

Two sets of resource reports were submitted for the Lease Sale 61 area following separate requests from the Bureau of Land Management. The first request was issued on June 30, 1975, for Lease Sale 46. This sale was later cancelled and the same area was rescheduled as Lease Sale 61. Resource reports for the Sale 61 area were requested on April 24, 1980.

Fifteen reports were received in response to the 1975 request. Three agencies supported the sale. Two had no conflict with OCS development in the Western Gulf of Alaska. The major concerns identified by the other agencies responding to the request included potential impacts to wildlife resources,

water quality, and recreation areas; interference with fishing activities; socioeconomic impacts on native populations; and the potential for large earthquakes and/or volcanism to affect OCS exploration and development.

In response to the request issued on April 24, 1980, 10 Federal and State agencies responded. The Department of Energy supported the sale. Two native health services provided health data on the resident native population on Kodiak Island. The Environmental Protection Agency and the National Oceanic and Atmospheric Administration referred to data previously sent to the Bureau of Land Management for Lease Sale 46. The National Park Service opposed the sale until further research on biological and ecological resources has been conducted. The Heritage Conservation and Recreation Service and the Forest Service listed lands under their jurisdiction that should be protected. The Department of Defense had no conflicts with the sale. The U.S. Geological Survey presented a short summary report of technology, infrastructure, and time frame required for OCS exploration and development in the Western Gulf of Alaska.

Both sets of resource reports are listed below.

Resource Reports for Lease Sale 46

Department of the Treasury, 1 p.	7/10/75
U.S. Geological Survey, 1 p.	7/18/75
Federal Energy Administration, 2 p.	8/1/75
Bureau of Outdoor Recreation (Northwest Region), Department of the Interior, 2 p.	8/20/75
Bureau of Mines, 2 p.	8/21/75
National Park Service, 1 p.	8/25/75
Department of Transportation, 3 p. and 2 p. attachments.	9/2/75
National Oceanic and Atmospheric Administration, 1 p. and 8 p. attachments.	9/10/75
Forest Service, 1 p.	9/16/75
Federal Power Commission, 2 p. and 14 p. attachments.	9/17/75
Environmental Protection Agency, 3 p. and map.	9/18/75

Resource Reports (Continued)

Department of Defense, 1 p.	9/24/75
Bureau of Indian Affairs, 1 p. and 14 p. attachments.	9/29/75
National Oceanic and Atmospheric Administration, 1 p. and 49 p. attachments.	9/30/75
U.S. Geological Survey, 2 p. and 52 p. attachments.	10/1/75
Fish and Wildlife Service, 1 p. and 29 p. attachments.	11/21/75
<hr/> Availability: BLM.	

Resource Reports for Lease Sale 61

Indian Health Service, Department of Health and Human Services, 1 p.	5/14/80
Alaska Area Native Health Service, Department of Health and Human Services, 1 p. and 3 p. attachments.	5/22/80
Heritage Conservation and Recreation Service, 4 p.	6/6/80
U.S. Geological Survey, 1 p. and 5 p. attachments.	7/14/80
Department of Energy, 2 p.	7/16/80
Forest Service, 2 p.	7/16/80
Environmental Protection Agency, 1 p. and attachment.	7/25/80
National Oceanic and Atmospheric Administration, 2 p. and 25 p. attachments.	7/29/80
National Park Service, 1 p. and 2 p. attachments.	7/30/80
Department of Defense, 1 p.	8/18/80
<hr/> Availability: BLM.	

LEASE SALE 75 (1983)

Resource reports for the Lease Sale 75 area were requested from Federal and State agencies on December 21, 1979. Fourteen reports were received. Nine of these had few or no conflicts with OCS activity on the North Aleutian Shelf. The remainder of the reports cited several critical issues and potential

impacts of offshore oil and gas exploration and development. These included impacts to wildlife resources and environmentally sensitive habitats; impacts to potential archeological sites; conflicts with commercial fishing operations; and potential geologic and ice hazards in the lease sale area.

Resource Reports

Forest Service, 1 p.	1/8/80
Heritage Conservation and Recreation Service, 2 p.	2/7/80
Department of the Treasury.	2/8/80
Public Health Service, Department of Health, Education and Welfare, 2 p.	2/22/80
Federal Energy Regulatory Commission, 2 p.	2/28/80
Bureau of Mines, 1 p.	3/10/80
Heritage Conservation and Recreation Service, 1 p. and 1 p. attachment.	3/19/80
National Park Service, 1 p.	4/1/80
Department of Energy, 2 p.	4/2/80
Department of Defense, 1 p.	4/11/80
Alaska Division of Policy Development and Planning, 4 p.	4/15/80
Office of Coastal Zone Administration, National Oceanic and Atmospheric and Atmospheric Administration, 2 p. and 50 p. attachments.	4/18/80
U.S. Geological Survey, Open-File Report 80-653, 54 p.	4/18/80
Fish and Wildlife Service, 7 p. and 7 p. attachments.	5/6/80
<hr/> Availability: BLM.	

STEP 2. CALL FOR NOMINATIONS AND COMMENTS

43 CFR 3313.1-2

After reviewing the resource reports, the Bureau of Land Management and the U.S. Geological Survey define the geographical area to be covered in the call for nominations

and comments. The call covers large contiguous areas extending over several million acres, but normally less extensive than the area to which the resource reports pertained. The purpose of the call for nominations and comments is to gather information regarding industry and public interest in developing particular blocks within the call area and to identify further information needs. It does not, however, commit the Department of the Interior to a particular lease sale. The call includes a request for nominations of specific blocks and a request for comments on specific blocks that should receive special concern and analysis. In addition, it may include a request for information concerning geological conditions, archeological or cultural sites, multiple uses of the proposed leasing area, and other socioeconomic, biological, and environmental information.

Upon approval by the Secretary of the Interior, the Director of the Bureau of Land Management issues the official call for nominations and comments, which is published in the Federal Register. All interested parties, including Federal and State agencies, local governments, industry, special interest groups, and the public may respond to the call. Nominations and comments are sent to the appropriate regional BLM office, with copies to the Directors of the Bureau of Land Management and the U.S. Geological Survey in Washington and to the Regional Conservation Manager of the Survey. Respondents are allowed at least 60 days to submit nominations and comments.

Comments are usually of a general nature and are available for public examination at the appropriate regional BLM office. However, specific block nominations are considered to be proprietary. Information concerning nominations is available to the public in summary form only through news releases, which list industries making nominations, and through accompanying maps, which show blocks with high, medium, and low industry interest.

LEASE SALE 39 (1976)

The call for nominations and comments for Lease Sale 39 was first published in the

Federal Register on February 6, 1968. The call resulted in 26 companies nominating 1,861,594 hectares (4,600,000 acres). However, the sale was cancelled by the Secretary of the Interior, Walter J. Hickel, on March 21, 1969, for environmental reasons.

On November 27, 1974, a call for nominations and comments for the Sale 39 area was reissued by the Bureau of Land Management. A total of 2,176 blocks were offered in the call, comprising 4.8 million hectares (11.9 million acres) of OCS lands. Twenty-four nominations and nine comments were received. The oil companies responding to the call nominated 1,350 blocks, comprising 2,904,147 hectares (7,176,148 acres). The summary data for the nine comments received in response to the call are not available.

Federal Register Call

Vol. 33, no. 25, p. 2612, February 6, 1968.

Vol. 39, no. 230, p. 413987-8, November 27, 1974.

News Releases

Interior Calls for Oil and Gas Nominations for Gulf of Alaska Offshore Lands.	2/7/68
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Nominations and Comments sought for Proposed Oil and Gas Lease Sale in Gulf of Alaska Outer Continental Shelf.	11/27/74
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Availability: BLM.

LEASE SALE CI (1977)

The official call for nominations and comments for Lease Sale CI was issued on September 22, 1975. The call covered 450 blocks comprising 930,797 hectares (2.3 million acres). Sixteen companies nominated 433 blocks. Nine comments were received in response to the call. Two of these were from fisheries organizations opposing the sale, and three environmental groups also opposed the sale. The remainder of the comments came

from Federal and State agencies. The State of Alaska, the Fish and Wildlife Service, and the National Oceanic and Atmospheric Administration all requested deletion of certain blocks proposed for sale because of the potential impact on biotic resources and commercial fish habitats.

Federal Register Call

Vol. 40, no. 184, p. 43519, September 22, 1975.

News Release

BLM Calls for Nominations and Comments for Proposed Oil and Gas Lower Cook Inlet Sale (OCS CI), September 19, 1975. Available from BLM.

Comments from Government Agencies

Administrator, National Oceanic and Atmospheric Administration, 1 p. and 17 p. attachments.	9/16/75
Fish and Wildlife Service, 3 p.	10/24/75
Commander, Marine Safety Division, U.S. Coast Guard, 1 p.	11/14/75
Commissioners, Alaska Department of Environmental Conservation and Alaska Department of Fish and Game, 7 p. and 3 maps.	11/19/75

Availability: BLM.

LEASE SALE BF (1979)

The official call for nominations and comments for the joint Federal/State Beaufort Sea sale was issued on March 10, 1978. Thirteen companies nominated the entire area of the call, which covered 236 blocks comprising 263,174 hectares (650,303 acres). Fourteen comments were received in response to the call. Three environmental groups, two villages, and two native corporations opposed any oil and gas development activity in the Beaufort Sea lease sale area and recommended

deletion of all tracts. The North Slope Borough and two other environmental organizations specified certain blocks that should be deleted from the sale for environmental reasons. Federal and State agencies identified certain areas that would require special stipulations and operating procedures to ensure protection of environmental resources and the subsistence lifestyle of natives.

Federal Register Call

Vol. 43, no. 48, p. 9871-2, March 10, 1978.

News Release

Interior and Alaska Announce Call for Nominations and Comments in Beaufort Sea OCS, 236 tracts, March 6, 1978. Available from BLM.

Comments from Government Agencies

National Oceanic and Atmospheric Administration.	4/27/78
Alaska Department of Environmental Conservation.	4/28/78
Alaska Department of Fish and Game.	n.a.
Fish and Wildlife Service.	n.a.

Availability: BLM.

n.a. = Data not available.

LEASE SALE 55 (1980)

The official call for nominations and comments for Lease Sale 55 was published in the Federal Register on May 25, 1978. A correction to the call was published on May 15, 1978. Three oil companies nominated 389 blocks totaling 866,711 hectares (2.1 million acres) out of the 1,861 blocks offered in the call. Three other oil companies responded with negative nominations, requesting that the sale be postponed and that areas with higher oil and gas potential be substituted. Twelve

additional comments were received. Three of these came from private citizens opposing the sale. One conservation group requested that the western third of the proposed sale area be deleted. Two responses from the fishing industry requested delay of the sale. Two oil companies and the U.S. Coast Guard identified potential conflicts with tanker traffic in and out of Valdez. The remaining comments were from Federal and State agencies, each requesting deletion of certain parts of the lease sale area because of potential environmental impacts caused by oil and gas exploration and development.

Federal Register Call

Vol. 43, no. 102, p. 22456-7, May 25, 1978.

Vol. 43, no. 116, p. 25879, June 15, 1978.

News Release

Nominations and Comments Sought for Proposed Oil and Gas Lease Sale Gulf of Alaska Outer Continental Shelf (Sale 55), May 25, 1978. Available from BLM.

Comments from Government Agencies

Associate Director, Fish and Wildlife Service, 4 p.	7/26/78
State - Federal Coordinator, Alaska Policy Development and Planning, 5 p.	8/4/78
Commanding Officer, Marine Safety Division, U.S. Coast Guard, 4 p.	8/16/78
Director, Office of Ocean Management, National Oceanic and Atmospheric Administration, 5 p.	8/17/78
Availability: BLM.	

LEASE SALE 60 (1981)

The official call for nominations and comments for Lease Sale 60 was published on December 28, 1978. Out of the 885 blocks offered, 10 companies nominated 606 blocks comprising 1,231,000 hectares (2,965,000

acres). There were 22 comments in response to the call. Two oil companies opposed leasing of certain areas of the call mainly because of the disappointing results of recent drilling operations. Four environmental groups, the Kodiak Island Borough, the Alaska Shrimp Trawlers Association, and five Alaska citizens opposed the sale because of the potential impact to the marine mammal population and the commercial fishing industry. State and Federal agencies recommended deleting portions of the sale area because of potential conflicts with marine-vessel traffic, the impact on the area's wildlife, and the need for protection of human, marine, and coastal resources.

Federal Register Call

Vol. 43, no. 250, p. 60671-2, December 28, 1978.

Vol. 44, no. 9, p. 2694, January 12, 1979.

News Release

Nominations and Comments Sought for Proposed Oil and Gas Lease Sale in Cook Inlet/Shelikof Strait Offshore Southern Alaska, December 28, 1978. Available from BLM.

Comments from Government Agencies

Chief, Marine Safety Division, U.S. Coast Guard, 3 p.	1/23/79
State - Federal Coordinator, Alaska Division of Policy Development and Planning, 23 p.	3/6/79
Director, Fish and Wildlife Service, 13 p.	3/14/79
Assistant Administrator, Office of Coastal Zone Management, National Oceanic and Atmospheric Administration, 6 p.	3/16/79
Director, Outer Continental Shelf Environmental Assessment Program, National Oceanic and Atmospheric Administration, 21 p.	3/22/79
Acting Area Director, National Park Service, 2 p.	3/26/79
Director, Alaska Division of Policy Development and Planning, 7 p.	4/2/79
Availability: BLM.	

LEASE SALE 57 (1982)

The call for nominations and comments for Lease Sale 57 was published in the Federal Register on April 30, 1979. A correction to the call was published on May 7, 1979. Eleven companies nominated 4,704 blocks comprising approximately 10 million hectares (24.7 million acres) of the 4,709 blocks offered in the call. Twenty-two comments were received. Eight concerned citizens objected to the sale because of the potential impacts of oil and gas development on their subsistence lifestyle, on migrating whale populations, and on fisheries. Five village and city councils and four native corporations also objected to the sale because of the potential conflict between OCS development and subsistence cultures. Comments from the State of Alaska recommended that the sale be rescheduled to allow time to complete coastal zone management plans, an assessment of geologic hazards, and a resolution of renewable/nonrenewable resource conflicts. Federal agencies recommended deleting tracts to provide a 19.3-km (12-mi) buffer zone along the shoreline of Norton Sound and around King Island. The recommended buffer zone includes marine bird habitats, migrating waterfowl habitats, fishery spawning and nursery areas, and important subsistence use areas.

Federal Register Call

Vol. 44, no. 84, p. 25274-5, April 30, 1979.

Vol. 44, no. 89, p. 26810, May 7, 1979.

News Release

Nominations and Comments Sought for Proposed Oil and Gas Lease Sale (OCS 57) in Bering Sea-Norton Sound Offshore Alaska, April 30, 1979. Available from BLM.

Comments from Government Agencies

Alaska Division of Policy Development and Planning.	n.a.
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Fish and Wildlife Service.	n.a.
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U.S. Coast Guard.	n.a.
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National Marine Fisheries Service, National Oceanic and Atmospheric Administration.	n.a.
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Availability: BLM.

n.a. = Dates are not available.

LEASE SALE 70 (1982)

The call for nominations and comments was published in the Federal Register on July 26, 1979. In the call, 8,298 blocks comprising 18.6 million hectares (46 million acres) were offered. Fourteen companies nominated 5,900 blocks totaling 13.2 million hectares (32.6 million acres). Ten comments were received in response to the call. Two native associations responded, one supporting the sale if proper mitigating measures were implemented and the other requesting that a third of the call area be deleted to protect salmon stocks. Two environmental groups opposed the sale. Two local government organizations and the State government opposed the sale, primarily for environmental reasons. The National Oceanic and Atmospheric Administration recommended that the sale be postponed to give researchers time to fill data gaps concerning the impact of OCS activities on fisheries. The Fish and Wildlife Service recommended tract deletions to protect fur seal and marine bird populations. The U.S. Coast Guard expressed concern that oil and gas operations might interfere with commercial shipping traffic.

Federal Register Call

Vol. 44, no. 145, p. 43818-9, July 26, 1979.

News Release

Nominations and Comments Sought for Proposed Oil and Gas Lease Sale (OCS 70) in St. George Basin Offshore Alaska, July 26, 1979. Available from BLM.

Comments from Government Agencies

Alaska Division of Policy Development and Planning.	n.a.
Fish and Wildlife Service.	10/29/79
Office of Coastal Zone Management, National Oceanic and Atmospheric Administration, 6 p.	11/2/79
U.S. Coast Guard, 3 p.	11/23/79

Availability: BLM.

n.a. = Data not available.

Federal Register Call

Vol. 44, no. 212, p. 62604-5, October 31, 1979.

Vol. 44, no. 231, p. 68525, November 29, 1979.

Vol. 45, no. 12, p. 3391, January 17, 1980.

News Release

Nominations and Comments Sought in Second Alaska Beaufort Sea OCS Sale. 10/31/79

Supplemental Call Issued for Second Beaufort OCS Sale. 1/17/80

Availability: BLM.

LEASE SALE 71 (1983)

The official call for nominations and comments was published in the Federal Register on October 31, 1979. The call area covered 2,398 blocks comprising 5.5 million hectares (12.5 million acres). A supplemental call covering 68 additional blocks was released on November 29, 1979. Fourteen companies responded to the original call, and four companies responded to the supplemental call. The 18 companies nominated 1,880 blocks comprising 4 million hectares (9.9 million acres). Twelve comments were received. An environmental organization and three village governments were opposed to the sale. A fourth local government was concerned with ice hazards and potential impacts on wildlife in the National Arctic Wildlife Range. The State of Alaska recommended leasing portions of the call area at separate intervals, coordinated with the State's oil and gas leasing schedule. The National Oceanic and Atmospheric Administration requested deletion of tracts beyond the 20-m isobath because of technology constraints and deletion of tracts west of Cape Halkett because of the area's importance to the bowhead whale. The Fish and Wildlife Service recommended limiting drilling operations to certain times of the year. The Department of Energy and the Department of the Treasury supported the sale. Two Canadian oil companies requested delineation of areas adjacent to the call area that fall under the jurisdiction of the Canadian government.

Comments from Government Agencies

Alaska Division of Policy Development and Planning, Office of the Governor, 7 p. and attachment. 1/7/80

Office of Coastal Zone Management, National Oceanic and Atmospheric Administration, 5 p. 1/9/80

Fish and Wildlife Service, 2 p. 1/16/80

Department of Energy. n.a.

Department of the Treasury. n.a.

Availability: BLM.

n.a. = Data not available.

LEASE SALE 61 (formerly Lease Sale 46) (1983)

The call for nominations and comments for Lease Sale 61 was published on September 22, 1980. The due date for the reports was November 21, 1980. Since not all of the reports have been received, they will not be listed in this edition of the Alaska Index.

Before Lease Sale 46 was replaced by Lease Sale 61, a call for nominations and comments for the former sale had been published, on October 31, 1975. Thirteen companies nominated 2,326 of the 2,915 blocks

offered. The nominated blocks comprise 5,173,081 hectares (12,782,683 acres). Twelve comments were also received in response to the call. Two private citizens and four fisheries organizations opposed the sale, primarily due to the potential conflict of OCS development with fisheries. Representative Naughton of the State legislature requested postponing the sale until more data on the consequences of oil spills in the Kodiak area were available. Two local government representatives opposed the sale because of its conflict with subsistence cultures. The Fish and Wildlife Service, the National Oceanic and Atmospheric Administration, and the Alaska Department of Environmental Conservation addressed the sensitivity and abundance of marine and wildlife resources in the Kodiak Island area. The Alaska Department of Environmental Conservation requested deletion of tracts in two areas of especially high biological resource value. The comments received in response to the Sale 46 call are listed below.

Federal Register Call

Vol. 40, no. 211, p. 50732-3, October 31, 1975.

Vol. 45, no. 185, p. 62909, September 22, 1980.

News Release

BLM Seeks Nominations and Comments for Proposed Western Gulf of Alaska OCS Lease Sale. 1/31/75

Call for Nominations and Comments Issued for OCS Sale 61. 9/22/80

Availability: BLM.

Comments from Government Agencies

State Representative Edward F. Naughton, Alaska House of Representatives, 2 p. 12/26/75

Fish and Wildlife Service, 2 p. 1/2/76

Administrator, National Oceanic and Atmospheric Administration, 7 p. 1/2/76

Commissioner, Alaska Department of Environmental Conservation, 7 p. 1/19/76

Availability: BLM.

LEASE SALE 75 (1983)

The call for nominations and comments for Lease Sale 75 was published in the Federal Register on May 21, 1980. The area in the call covered 1,374 blocks comprising 3 million hectares (7.4 million acres). Thirteen companies responded to the request, nominating 1,475 blocks comprising 3.2 million hectares (8 million acres). Ten comments were received in response to the call. A private citizen and two environmental groups opposed the sale because of the potential impact on environmentally sensitive areas and commercial fisheries. A native association opposed the sale until protection of fish stocks could be ensured. Two oil companies supported the sale. The City of Dillingham expressed concerns over socioeconomic impacts and impacts to commercial fisheries and wildlife resources. The State of Alaska requested postponing the sale to allow time for the resolutions of renewable/nonrenewable resource conflicts, the development of an environmental data base, and the completion of local coastal zone management plans. One of the two Federal agencies responding requested that the sale be delayed until further evaluation of the area's petroleum potential and the potential impact of OCS development could be established. The other agency requested deletion of certain tracts to provide habitat protection for marine mammals, birds, and fisheries resources.

Federal Register Call

Vol. 45, no. 100, p. 34076-7, May 21, 1980.

News Release

BLM Calls for Nominations and Comments for Proposed Oil and Gas North Aleutian Shelf Sale (OCS 75), May 21, 1980. Available from BLM.

Thirteen Companies Nominate 1,475 Blocks in Proposed Northern Aleutian OCS Sale, November 18, 1980. Available from BLM.

Comments from Government Agencies

Office of Coastal Zone Management, National Oceanic and Atmospheric Adminis- tration, 4 p. and 7 p. attachments.	8/14/80
Governor, Alaska, 2 p. and 9 p. attachments.	8/19/80
Fish and Wildlife Service, 4 p.	8/29/80
<hr/> Availability: BLM.	

STEP 3. TENTATIVE TRACT SELECTION AND STATE NOTIFICATION

43 CFR 3314.1-2

After the call for nominations and comments is closed, a tentative selection of tracts is made for further analysis in an environmental impact statement and for consideration for leasing. The Federal agencies with primary responsibility for tract selection are the Bureau of Land Management and the U.S. Geological Survey. The regional BLM and USGS offices evaluate the nominations and comments received in response to the call, the past leasing history of the area, all available environmental information, including geological, geophysical, and oceanographic data, socioeconomic considerations, multiple-use conflicts, and resource potential. The regional Fish and Wildlife Service may contribute additional information and recommendations concerning biological resources. The members of the Regional Technical Working Group Committee may also make recommendations based on their knowledge of the call area. State and local agencies are strongly encouraged to participate in the tentative tract selection process at regional meetings.

The regional BLM and USGS offices prepare a report recommending tracts for leasing. This joint field report contains a list of tracts identified by block number on protraction diagrams, acreage, average water depths, and preliminary stipulations. The report is submitted to the Washington headquarters of the Bureau of Land Management and the U.S. Geological Survey for review. The Director of the Bureau of Land Management, in consultation with the Director of the U.S. Geological

Survey and other Federal agencies, then submits a recommendation on tract selection to the Secretary of the Interior. Once the Secretary has approved the tentative tract selection, the Governors of affected States are notified and a news release is issued.

LEASE SALE 39 (1976)

Joint Field Report

Joint Recommendation for Proposed
Gulf of Alaska Sale 39, January 10, 1975.
Available from BLM.

Tentative Tract Selection

Interior Makes Tract List Available for
Possible Offshore Sale in Gulf of Alaska, (OCS
39), March 20, 1975. Available from BLM.

State Notification

At the time, none required.

LEASE SALE CI (1977)

State Notification

State, Alaska; Governor, Jay Hammond; De-
cember 1, 1975. Available from BLM.

State, Alaska; Governor, Jay Hammond; De-
cember 16, 1975. Available from BLM.

State, Alaska; Governor, Jay Hammond; January
16, 1976. Available from BLM.

Joint Field Report

Joint Recommendation for Proposed
Cook Inlet OCS Oil and Gas Lease Sale CI,
January 16, 1976. Available from BLM.

News Release

Interior Makes Tract List Available for Possible Offshore Sale (OCS CI) in Alaska's Lower Cook Inlet, March 2, 1976. Available from BLM.

LEASE SALE BF (1979)**News Release**

Interior - State of Alaska Makes Tract List Available for Joint OCS Sale in Beaufort Sea, July 24, 1978. Available from BLM.

Joint Field Report

Tract Selection Recommendation for Joint Federal/State Beaufort Sea Sale, May 31, 1980. Available from BLM.

State Notification

Not formally required for this sale.

LEASE SALE 55 (1980)**State Notification**

State, Alaska; Governor, Jay Hammond; August 18, 1978. Available from BLM.

State, Alaska; Governor, Jay Hammond; August 25, 1978. Available from BLM.

State, Alaska; Governor, Jay Hammond; September 15, 1978. Available from BLM.

Joint Field Report

Tract Selection Recommendation Sale 55, Gulf of Alaska, September 5, 1978. Available from BLM.

News Release

Interior Selects 1.9 Million Acres for Environmental Study in Proposed Offshore Alaska Sale (OCS 55), October 26, 1978. Available from BLM.

LEASE SALE 60 (1981)**State Notification**

State, Alaska; Governor, Jay Hammond; December 28, 1978. Available from BLM.

News Releases

Ten Companies Nominate 606 Blocks for Proposed OCS Cook Inlet/Shelikof Strait Sale. 4/6/79

Interior Announces Selection of 153 Blocks in Lower Cook Inlet/Shelikof Strait Lease Sale Area for Environmental Study (unofficial title). 5/31/79

Availability: BLM.

Joint Field Report

Tract Selection Recommendation Sale 60, Cook Inlet/Shelikof Strait, April 20, 1979. Available from BLM.

LEASE SALE 57 (1982)**State Notification**

State, Alaska; Governor, Jay Hammond; January 2, 1980. Available from BLM.

Joint Field Report

Tract Selection Recommendation Sale 57, Bering – Norton Basin, January 11, 1980. Available from BLM.

News Release

Interior Announces Selection of 2.4 Million Acres for Environmental Study in Proposed Norton Sound Sale (OCS 57) (unofficial title), February 20, 1980. Available from BLM.

LEASE SALE 70 (1982)**State Notification**

State, Alaska; Governor, Jay Hammond; November 30, 1979. Available from BLM.

State, Alaska; Governor, Jay Hammond; December 14, 1979. Available from BLM.

State, Alaska; Governor, Jay Hammond; February 25, 1980. Available from BLM.

Joint Field Report

Tract Selection Recommendation for Sale 70, St. George Basin, January 11, 1980. Available from BLM.

News Release

Interior Makes Tract List Available for OCS Sale 70 in Alaskan St. George Basin, February 27, 1980. Available from BLM.

LEASE SALE 71 (1983)**State Notification**

State, Alaska; Governor, Jay Hammond; February 20, 1980. Available from BLM.

Joint Field Report

Tract Selection Recommendation for Sale 70, St. George Basin, February 28, 1980. Available from BLM.

News Release

Interior Selects Tracts for Environmental Study in OCS 71 in Alaskan Beaufort Sea. 3/31/80

Selection of Area in Beaufort Sea for Development of an Environmental Impact Statement (Proposal 71). 4/9/80

Availability: BLM.

**LEASE SALE 61
(formerly Lease Sale 46) (1983)**

The tentative tract selection for Lease Sale 61 is scheduled for May 1981. In 1976, this step was completed for Lease Sale 46 before Sale 46 was deleted from the leasing schedule. The documents prepared for Sale 46 are presented below.

Joint Field Report

Joint Recommendation for Proposed Western Gulf of Alaska Lease Sale, Sale 46, February 6, 1976. Available from BLM.

State Notification

State, Alaska; Governor, Jay Hammond; April 26, 1976. Available from BLM.

News Release

Tracts Selected for Environmental Study of Proposed Offshore Oil and Gas Lease Sale (OCS 46) in the Western Gulf of Alaska, April 30, 1976. Available from BLM.

STEP 4. PRE-SALE ENVIRONMENTAL IMPACT STATEMENT

40 CFR 1500
43 CFR 3314.1

The preparation of an environmental impact statement is required by the National Environmental Policy Act of 1969 (42 U.S.C. 4321) for all major Federal actions significantly affecting the quality of the human environment. The Council on Environmental Quality regulations require that there be an early and open process for determining the scope of issues, alternatives, and impacts to be addressed by the EIS. In accordance with these regulations, a series of "scoping" meetings, open to all interested parties, are held by the regional BLM office. In addition, informal consultation between the regional BLM office, Federal, State, and local agencies, and special interest groups further identifies significant issues pertinent to the proposed lease sale.

Issues raised during the scoping process are discussed in the draft EIS prepared by the regional BLM office. The draft EIS also describes the existing environment, the proposed action, and the conditional resource estimates and infrastructure scenarios and their probable environmental impacts. Mitigating measures such as lease stipulations, unavoidable adverse impacts, cumulative effects, and irreversible and irretrievable commitments of resources are analyzed, along with alternatives to the proposed action. The draft EIS is published for review and comment. Public hearings are held to discuss the draft EIS and solicit comments. The locations and dates of these hearings and the availability of the draft EIS are announced in a news release and a Federal Register notice.

After oral and written comments have been evaluated, a final EIS is prepared which incorporates new findings, substantive comments, recommendations, and any additional information acquired during the continuing analysis of hazards data by regional USGS personnel. The final EIS is submitted to numerous Federal agencies and made available to the public for review. It is also submitted to the Secretary of the Interior to provide information necessary for making the tentative sale decision.

LEASE SALE 39 (1976)

Pre-Sale EIS

Draft Environmental Impact Statement Northern Gulf of Alaska, Sale 39, 4 vols.	6/27/75
Final Environmental Impact Statement: Proposed OCS Oil and Gas Lease Sale, Northern Gulf of Alaska OCS Sale 39, 4 vols.	11/28/75
<hr/> Availability: BLM.	

Federal Register

Vol. 40, no. 124, p. 27064, June 26, 1975.
Vol. 40, no. 230, p. 55378, November 28, 1975.

News Release

Gulf of Alaska Draft Environmental Impact Statement for Proposed OCS Sale 39.	6/27/75
Public Hearing Announced on Proposed OCS Sale in Gulf of Alaska.	7/14/75
<hr/> Availability: BLM.	

LEASE SALE CI (1977)

Pre-Sale EIS

Draft Environmental Impact Statement, Proposed OCS Oil and Gas Lease Sale, Lower Cook Inlet Sale CI, 3 vols.	7/13/76
Final Environmental Impact, Proposed 1976 Outer Continental Shelf Oil and Gas Lease Sale, Lower Cook Inlet Sale CI, 3 vols.	12/3/76
<hr/> Availability: BLM.	

Federal Register

Vol. 41, no. 135, p. 28808, July 13, 1976.
Vol. 41, no. 234, p. 53138, December 3, 1976.

News Release

Final Environmental Impact Statement Available for Proposed OCS Oil and Gas Lease Sale (OCS Sale CI) in Lower Cook Inlet, December 3, 1976. Available from BLM.

LEASE SALE BF (1979)**Pre-Sale EIS**

Draft Environmental Impact Statement: Proposed Federal/State Oil and Gas Lease Sale, Beaufort Sea, 3 vols. 3/20/79

Final Environmental Impact Statement: Proposed Federal/State Oil and Gas Lease Sale, Beaufort Sea, 3 vols. 8/10/79

Draft Supplement to the Final Environmental Impact Statement: Joint Federal/State Oil and Gas Lease Sale in the Nearshore Beaufort Sea, 1 vol. 5/21/80

Availability: BLM.

Federal Register

Vol. 44, no. 63, p. 19045, March 30, 1979.

Vol. 44, no. 156, p. 47166, August 10, 1979.

Vol. 45, no. 100, p. 34075, May 21, 1980.

News Releases

Availability of Draft EIS Announced for Proposed Offshore Alaskan Beaufort Sea Sale. 3/30/79

Public Hearings Announced for Proposed Joint Federal - State Alaska Beaufort Sea OCS Sale. 4/19/79

One Hearing Time Changed in Beaufort Sea OCS Schedule. 5/9/79

Final Environmental Statement Available for Beaufort Sea OCS Sale. 8/10/79

Alaska OCS Office Releases Supplement to Final Beaufort Sea Environmental Statement. 5/21/80

Availability: BLM.

LEASE SALE 55 (1980)**Pre-Sale EIS**

Draft Environmental Impact Statement: Proposed OCS Oil and Gas Lease Sale, Eastern Gulf of Alaska, Sale 55, 2 vols. 8/31/79

Final Environmental Impact Statement: Proposed Oil and Gas Lease Sale in Eastern Gulf of Alaska, 2 vols. 3/28/80

Availability: BLM.

Federal Register

Vol. 44, no. 171, p. 51342, August 31, 1979.

Vol. 45, no. 57, p. 18491, March 21, 1980.

News Releases

Interior Releases Draft Environmental Impact Statement on Proposed Oil and Gas Lease Sale in Eastern Gulf of Alaska (unofficial title). 9/5/79

BLM Announces Public Hearings on a Draft Environmental Impact Statement for Proposed Lease Sale in Eastern Gulf of Alaska (unofficial title). 10/1/79

Interior Releases Final Environmental Impact Statement on Proposed Oil and Gas Lease Sale in Eastern Gulf of Alaska. 3/28/80

Availability: BLM.

LEASE SALE 60 (1981)**Pre-Sale EIS**

Draft Environmental Impact Statement: Proposed OCS Oil and Gas Lease Sale, Lower Cook Inlet/Shelikof Strait, 1 vol. and appendixes, visuals and index, 288 p., August 20, 1980. Available from BLM.

Federal Register

Vol. 45, no. 163, p. 55534-5, August 20, 1980.

News Releases

Availability of Draft EIS Announced for Proposed OCS Sale (#60) in Cook Inlet/Shelikof Strait (unofficial title). 8/20/80

Wunnicke to Preside at OCS Public Hearings. 9/12/80

Availability: BLM.

Alaska OCS Office Published Draft Environmental Impact Statement for the Proposed Western Gulf of Alaska Lease Sale (unofficial title). 12/7/79

Public Hearings Scheduled for Lease Sale in Western Gulf of Alaska (unofficial title). 1/8/80

Availability: BLM.

LEASE SALE 61 (formerly Lease Sale 46) (1983)

The pre-sale draft environmental impact statement for Lease Sale 61 is scheduled for publication during March 1982. However, two draft environmental impact statements were published for Lease Sale 46 before the sale was cancelled and replaced by Sale 61. These two documents are listed below.

Pre-Sale EIS

Draft Environmental Impact Statement for the Proposed Western Gulf of Alaska OCS Oil and Gas Lease Sale 46, 3 vols. 4/12/77

Draft Environmental Impact Statement for the Proposed OCS Oil and Gas Lease Sale in the Western Gulf of Alaska, OCS Sale 46, 2 vols. 12/7/79

Availability: BLM.

Federal Register

Vol. 42, no. 70, p. 19238, April 12, 1977.

Vol. 44, no. 237, p. 70581, December 7, 1979.

News Releases

BLM Announces Publication of Draft Environmental Impact Statement on the Proposed Lease Sale in the Western Gulf of Alaska (unofficial title). 4/12/77

Public Hearings Announced for Western Gulf of Alaska Lease Sale (unofficial title). 4/28/77

Notice of Postponement of the Public Hearings Regarding Proposed Oil and Gas Lease Sale in the Western Gulf of Alaska. 5/20/77

STEP 5. SECRETARIAL ISSUE DOCUMENT

A tentative decision on whether to hold a lease sale is made by the Secretary of the Interior. To assist the Secretary in this regard, the Bureau of Land Management prepares a secretarial issue document (SID), after publication of the final EIS. The secretarial issue document identifies the significant factors associated with the proposed lease sale. These factors include the potential legal, environmental, economic, political, and social impacts. The regional context within which benefits and costs occur and their distribution are also analyzed. The SID is completed shortly after the final EIS. These documents provide the Secretary with information necessary to make a decision from the options presented concerning the lease sale.

LEASE SALE 39 (1976)

Secretarial Issue Document

Secretarial Issue Document, OCS Sale 39, December 1, 1975, 77 p. and 23 p. attachments. Available from BLM.

LEASE SALE CI (1977)

Secretarial Issue Document

Secretarial Issue Document, Lease Sale CI, January 6, 1977, 38 p. and 2 p. attachments. Available from BLM.

LEASE SALE BF (1979)**Secretarial Issue Document**

Beaufort Sea Secretarial Issue Document, August 10, 1979, 35 p. Available from BLM.

LEASE SALE 55 (1980)**Secretarial Issue Document**

Secretarial Issue Document, Lease Sale 55, April 23, 1980, 43 p. and 5 appendixes. Available from BLM.

STEP 6. SALE

43 CFR 3315.1-3, 3315.4

Following a tentative decision by the Secretary of the Interior to proceed with the lease sale, the Director of the Bureau of Land Management is required to fully evaluate potential adverse impacts on the human, marine, and coastal environments identified during the previous steps in the leasing process and to develop measures to mitigate them. These measures include proposed lease stipulations and conditions contained in the proposed notice of sale. In preparing these lease stipulations, the Bureau of Land Management obtains the advice of the U.S. Geological Survey, Fish and Wildlife Service, Heritage Conservation and Recreation Service, and National Park Service as appropriate, at the regional and headquarters levels. The proposed notice of sale also includes a listing of tracts offered for lease, information on the sale procedures, and methods of bidding. The proposed notice of sale, along with the comments received from these agencies by the Director of the Bureau of Land Management, is sent to the Secretary of the Interior for approval. Once approved, the proposed notice is sent to the Governors of affected States and published in the Federal Register.

A 60-day comment period follows the publication of the proposed notice. During this time, the Secretary of the Department of

Energy has 30 days to review the lease terms and conditions. In addition, the Governor of any affected State or any affected local government, through the Governor, may submit recommendations to the Secretary of the Interior regarding the size, timing, or location of the proposed lease sale. The Secretary of the Interior is required to make a written reply to the Governor discussing the reasons for the determination to accept or reject the Governor's recommendations.

The Department of Energy reviews the terms and conditions (e.g., bidding system) under which a lease sale is held. The Department has the authority to disapprove the terms and conditions of a lease sale in order to assure that the most efficient bidding system is used.

Following the 60-day comment period on the proposed notice of sale, the regional BLM office prepares a final notice of sale that contains a listing of the tracts to be offered for sale, the methods of bidding, lease stipulations, and all terms and conditions of the sale. The place and time at which sealed bids will be filed and opened are specified. The U.S. Geological Survey, Fish and Wildlife Service, Heritage Conservation and Recreation Service, and National Park Service, as appropriate, are given an opportunity to review and comment on the notice of sale. Upon approval by the Secretary of the Interior, the Director of the Bureau of Land Management publishes the notice in the Federal Register at least 30 days prior to the date on which bids will be opened. The notice of sale includes a notice identifying the reasons for the selection of the bidding systems and for designating tracts under each bidding system.

The opening of bids is for the purpose of publicly announcing and recording the bids received, and no bids are rejected or accepted at the sale. After the bid opening, the regional BLM office, together with the regional USGS office, conducts a review of the bids to determine whether they meet the OCS leasing objectives defined in the OCS Lands Act Amendments of 1978. The U.S. Geological Survey, through in-house activities and the purchase of seismic data, provides the Bureau of Land Management with technical information evaluating the potential mineral resource

value of each tract. The Bureau of Land Management provides economic data obtained through a review of industry publications and independent research. This technical and economic information is considered, along with any new environmental information, and the BLM Regional Manager recommends whether particular leases should be issued. A BLM report is prepared on the results of the sale for the Secretary of the Interior's consideration. Pertinent information is also sent to the Department of Justice Antitrust Division for a 30-day review. The Justice Department's recommendations are included in the Secretary of the Interior's final decision on which bids will be accepted or rejected. The final decision on a lease sale award or rejection is announced by a news release issued by the Department of the Interior. News releases may be examined at the appropriate regional BLM office.

LEASE SALE 39 (1976)

Federal Register Notice

Vol. 41, no. 50, p. 10792-10814, March 12, 1976.

Vol. 41, no. 69, p. 14912, April 8, 1976.

News Releases

Proposed Gulf of Alaska Oil and Gas Lease Sale (OCS 39) Rescheduled for January 1976. 10/15/75

Secretary Kleppe Announces Limited OCS Sale in Northern Gulf of Alaska. 2/18/76

Northern Gulf of Alaska OCS Oil and Gas Lease Sale 39 To Be Held in Anchorage, Alaska on April 13, 1976 (unofficial title). 2/24/76

Secretary Kleppe Deletes Additional 16 Tracts from the Northern Gulf of Alaska (OCS 39) Sale. 4/6/76

Interior Accepts Bids Totalling \$559 Million for OCS Sale 39 Offshore Northern Gulf of Alaska. 4/26/76

Availability: BLM.

LEASE SALE CI (1977)

Federal Register Notice

Vol. 42, no. 13, p. 3804, January 9, 1977.

Vol. 42, no. 16, p. 4221, January 24, 1977.

Vol. 42, no. 17, p. 4907, January 26, 1977.

Vol. 42, no. 29, p. 8723, February 11, 1977.

Vol. 42, no. 180, p. 46614, September 16, 1977.

Vol. 42, no. 183, p. 47595, September 21, 1977.

Vol. 42, no. 185, p. 48400, September 23, 1977.

News Releases

Interior Announces Sale Date of February 23 for Alaskan Lower Cook Inlet OCS Oil and Gas Lease Sale (OCS CI). 1/18/77

Andrus Cancels February 23 Cook Inlet OCS Sale. 1/7/77

Interior Announces October 27 as Date of Alaskan Lower Cook Inlet OCS Sale. 9/15/77

\$398,471,313 for Alaskan Cook Inlet Oil and Gas Lease Sale (OCS CI). 11/4/77

Availability: BLM.

LEASE SALE BF (1979)

Federal Register Notice

Vol. 44, no. 165, p. 49512-3, August 23, 1979.

Vol. 44, no. 217, p. 64748 - 64770, November 7, 1979.

News Releases

Andrus Asks Alaska Governor for Comments on Beaufort Sea Sale.	8/21/79
Joint Sale of Offshore Leases in Beaufort Sea Set for December 11.	10/30/80
Drilling Stipulation for Beaufort OCS Sale Strengthened to Protect Whales.	11/2/79
Interior Corrects Acreage Figures for Beaufort Sea Lease Sale.	11/27/79
Interior Rejects One Beaufort Sea Bid; Will Hold Others Until Court Permit Acceptance.	3/19/80
Interior Department Accepts High Bids for Beaufort Sea Oil and Gas Lease Sale.	7/11/80

Availability: BLM.**LEASE SALE 55 (1980)****Federal Register Notice**

Vol. 45, no. 110, p. 37895 - 37909, June 5, 1980.

Vol. 45, no. 177, p. 59750 - 68, September 10, 1980.

News Releases

Proposed Notice of Sale Published for OCS Sale 55.	6/4/80
Alaskan Gulf OCS Sale 55 Scheduled October 21.	9/10/80
Interior Accepts High Bids Totaling \$109,751,072.96 for OCS Sale #55 in Alaskan Gulf.	11/13/80

Availability: BLM.

STEP 7. EXPLORATION PLAN AND ENVIRONMENTAL REPORT

15 CFR 930

30 CFR 250.34-1, 250.34-3, 250.57

After the leases are issued by the Bureau of Land Management, generally for an initial period of 5 years, the U.S. Geological Survey is responsible for regulating and monitoring the operations on them. Before exploratory drilling can begin, an exploration plan and an accompanying environmental report must be prepared by the lessee or operator and submitted for approval to the regional USGS office. The Bureau of Land Management, Fish and Wildlife Service, Heritage Conservation and Recreation Service, National Park Service, other Federal agencies, and the Governors of affected States review and make recommendations to the U.S. Geological Survey on all exploration plans.

Each exploration plan includes (1) the proposed type and sequence of exploration activities; (2) a description of drilling vessels, platforms, and other structures to be attached to the seabed, including safety and pollution prevention and control features; (3) the types of geophysical equipment to be used; (4) the approximate location of each proposed exploratory well; and (5) other relevant geological and geophysical information.

The environmental report includes (1) the procedures, personnel, and equipment that

are to be used for preventing, reporting, and cleaning up spills of oil or waste material; (2) a detailed description of onshore support and storage facilities; (3) the estimated number of people expected to be employed; (4) boat and aircraft traffic patterns; (5) the quantity and composition of wastes and pollutants; (6) major supplies, services, and resources needed for implementation of the plan; and (7) potentially hazardous or environmentally sensitive areas, including archeological and cultural sites. An assessment of the direct effects on the onshore and offshore environments of implementing the exploration plan is also made. The environmental report is a document separate from the exploration plan; however, it accompanies the plan throughout the review process. The environmental report may be used by States in planning for onshore impacts.

The exploration plan, or a general statement of exploration intentions, is submitted prior to the completion of the second lease year for 5-year leases. The exploration plan and environmental report must be accompanied by a certificate of coastal zone consistency whenever the activities described would significantly affect land and water uses in the coastal zone of a State with an approved coastal zone management program. In those States, the exploration plan and environmental report must be submitted to the appropriate State coastal zone management agency for consistency concurrence. This review is distinct from that supplied by the Governors of affected States.

LEASE SALE 39 (1976)

Exploration Plans and Environmental Reports

Lease No.	Block No.	Well No.	Operator	Submittal Date	Approval Date
0001	25	1	Shell	4/4/77	*
0004	61	1	Shell	8/10/76	8/27/76
0005	68	1	Shell Atlantic Richfield	4/4/77	*
0006	69	1	Shell Atlantic Richfield	4/4/77	*
0007	72	1	Atlantic Richfield	6/24/76	10/8/76
0008	73	1	Atlantic Richfield	6/24/76	10/8/76
0011	106	1	Shell	8/10/76	8/27/76
0013	110	1	Shell	9/10/76	1/25/77
0014	111	1	Shell	9/10/76	1/25/77
0028	150	1	Shell	3/18/77	*
0032	162	1	Texaco	2/15/77	5/23/77
0033	163	1	Atlantic Richfield	10/29/76	1/20/77
0035	165	1	Exxon	1/6/78	3/16/78
0041	194	1	Shell	3/3/77	*
0043	199	1	Exxon	5/24/77	*
0046	241	1	Texaco	2/15/77	3/17/77
0050	284	1	Exxon	12/20/76	3/8/77
0057	327	1	Exxon	4/4/77	*
0059	329	1	Gulf	1/18/77	4/25/77
0066	370	1	Exxon	8/11/77	*
0072	414	1	Exxon	8/11/77	10/5/77
0073	296	1	Gulf	6/15/77	*
0078	340	1	Shell	6/10/77	*
0080	343	1	Exxon	2/18/77	6/10/77

Availability: USGS.

*Exploration plans which do not show an approval date were not approved due to withdrawal of the exploration plan from review by the company or due to information never furnished by the company.

LEASE SALE CI (1977)

Exploration Plans and Environmental Reports

Lease No.	Block No.	Well No.	Operator	Submittal Date	Approval Date
0097, 0161, 0113, 0136, 0123, 0158	401, 572, 576, 798, 667, 1016	28 potential wells	Atlantic Richfield	7/7/78	12/28/78
0084	274	1	Phillips	6/22/78	9/28/78
0086	318	1	Marathon	4/13/78	7/7/78
0124	668	1	Phillips	6/22/78	9/28/78
0136	798	1	Phillips	6/22/78	9/28/78
0152	970	1	Phillips	6/22/78	9/28/78
0156	1014	1	Marathon	7/11/78	10/26/78
0167	1	1	Marathon	7/11/78	10/26/78
0168	2	1	Marathon	7/11/78	10/26/78

Availability: USGS.

STEP 8. ENVIRONMENTAL ASSESSMENT FOR EXPLORATION

30 CFR 250.34-4

Prior to the approval of an exploration plan, the Director of the U.S. Geological Survey, through the appropriate regional office, reviews the environmental impacts of activities proposed in the plan. The review gives particular attention to (1) seismic risks, (2) areas of high ecological sensitivity, (3) hazardous natural bottom conditions, and (4) the use of new and unusual technology.

If, in the opinion of the Director, the

environmental assessment indicates that approval of the plan would constitute a major Federal action significantly affecting the quality of the human environment, an environmental impact statement must be prepared. At this time, particular consideration is given to significant adverse impacts upon the marine, coastal, or human environments resulting from the construction of new onshore facilities. Cumulative and previously unforeseen impacts are also considered. On the basis of the environmental assessment, the environmental impact statement findings, and the technical review by the U.S. Geological Survey, the exploration plan will be approved, rejected, or modified.

LEASE SALE 39 (1976)**Environmental Assessments for Exploration**

Lease No.	Block No.	Operator	Approval Date
0004	61	Shell	8/76
0007	72	Atlantic Richfield	8/76
0007 *	72	Atlantic Richfield	4/15/77
0008	73	Atlantic Richfield	8/76
0008 *	73	Atlantic Richfield	4/15/77
0011	106	Shell	8/76
0013	110	Shell	11/76
0014	111	Shell	11/76
0028	150	Shell	8/76
0032	162	Texaco	3/77
0033	163	Atlantic Richfield	8/76
0035	165	Exxon	3/78
0041	194	Shell	8/76
0043	199	Exxon	7/77
0046	241	Texaco	2/77
0050	284	Exxon	1/77
0057	327	Exxon	5/77
0059	329	Gulf	2/77
0066	370	Exxon	5/78
0072	414	Exxon	9/77
0073	296	Gulf	7/77
0080	343	Exxon	4/77

Availability: USGS.

* Addendum to original environmental assessment.

LEASE SALE CI (1977)**Environmental Assessments for Exploration**

Lease No.	Block No.	Operator	Approval Date
0084	274	Phillips	9/78
0086	318	Marathon	6/78
0097	401	Atlantic Richfield	10/78
0113	576	Atlantic Richfield	10/78
0113 *	576	Atlantic Richfield	5/80
0123	667	Atlantic Richfield	10/78
0124	668	Phillips	9/78
0136	798	Phillips	9/78
0152	970	Phillips	9/78
0156	1014	Marathon	10/78
0158	1016	Atlantic Richfield	10/78
0161	572	Atlantic Richfield	10/78
0161 *	572	Atlantic Richfield	7/79
0167	1	Marathon	10/78
0168	2	Marathon	10/78

Availability: USGS.

* Addendum to original environmental assessment.

STEP 9. EXPLORATION DRILLING

30 CFR 250.36

An application for permit to drill (APD) may be filed with the regional USGS office by the lessee or operator either along with or after approval of the exploration plan. The APD includes specific information on the location and depth of wells. The U.S. Geological Survey prepares a detailed hazard analysis based on information submitted by the lessee or operator. An APD approved by the U.S.

Geological Survey constitutes a drilling permit. An additional APD must be filed and approved each time a well is deepened, reworked, or redrilled.

Other permits required prior to exploratory drilling include permits for aids to navigation from the U.S. Coast Guard, navigation permits from the U.S. Army Corps of Engineers, and National Pollutant Discharge Elimination System (NPDES) permits from the Environmental Protection Agency.

LEASE SALE 39 (1976)**Exploration Drilling Permits**

Lease No.	Block No.	Well No.	Operator	Submittal Date	Approval Date
0007	72	1	Atlantic Richfield	10/5/76	10/8/76
0011	106	1	Shell	7/29/76	8/27/76
0014	111	1	Shell	10/19/76	1/27/77
0014	111	2	Shell	6/21/77	6/24/77
0032	162	1	Texaco	2/15/77	5/23/77
0035	165	1	Exxon	1/6/78	3/16/78
0046	241	1	Texaco	2/15/77	3/18/77
0050	284	1	Exxon	12/20/76	3/2/77
0059	329	1	Gulf	1/18/77	4/26/77
0072	414	1	Exxon	8/11/77	10/5/77
0080	343	1	Exxon	2/28/77	6/10/77

Availability: USGS.

LEASE SALE CI (1977)**Exploration Drilling Permits**

Lease No.	Block No.	Well No.	Operator	Submittal Date	Approval Date
0086	318	1	Marathon	2/17/78	7/7/78
0097	401	1	Atlantic Richfield	12/19/79	3/21/80
0113	576	1	Atlantic Richfield	5/6/80	5/8/80

Exploration Drilling Permits (Continued)

Lease No.	Block No.	Well No.	Operator	Submittal Date	Approval Date
0124	668	1	Phillips	6/15/78	9/29/78
0124	668	1a	Phillips	12/28/78	1/4/79
0136	798	1	Phillips	3/5/79	4/4/79
0152	970	1	Phillips	6/22/79	7/24/79
0161	572	1	Atlantic Richfield	6/8/79	7/5/79
0168	2	1	Marathon	11/20/78	12/6/78
0168	2	2	Marathon	4/20/79	4/20/79

Availability: USGS.

STEP 10. DEVELOPMENT AND PRODUCTION PLAN AND ENVIRONMENTAL REPORT

30 CFR 250.34-2

Before development and production activities can begin, a development and production plan and an accompanying environmental report must be prepared by the lessee or operator and submitted for approval to the regional USGS office. The Bureau of Land Management, Fish and Wildlife Service, Heritage Conservation and Recreation Service, National Park Service, other Federal agencies, and Governors of affected States review and make recommendations to the U.S. Geological Survey on all development and production plans.

The development and production plan includes (1) the specific work to be performed; (2) a description of drilling vessels, platforms, pipelines, or other facilities and operations located on the OCS, including safety and pollution prevention and control features and labor, material, and energy requirements; (3) the well locations; (4) current interpretations of all available relevant geological and geophysical data, which may include proprietary data; (5) a description of environmental safeguards and safety standards; and (6) a time schedule of development and production activities.

The environmental report includes a description of (1) the location, type, and size of offshore and onshore operations; (2) the requirements for land, labor, material, and energy for the operations; (3) a schedule of the onshore and nearshore development activities; (4) any environmental monitoring systems; (5) pollution contingency plans; and (6) a description of the biological, physical, and human environment. An assessment of the direct effects of implementation of the plan on the onshore and offshore environments, as well as a discussion of alternatives, is also included. The environmental report is a document separate from the plan; however, it accompanies the plan throughout the review process. The environmental report may be used by States in planning for onshore impacts.

The development and production plan and environmental report must be accompanied by a certificate of coastal zone consistency whenever the activities described would significantly affect land and water uses in the coastal zone of a State with an approved coastal zone management program. In these States, the development and production plan and environmental report must be submitted to the appropriate State coastal zone management agency for consistency concurrence. This review is distinct from that supplied by the Governors of affected States.

STEP 11. ENVIRONMENTAL ASSESSMENT FOR DEVELOPMENT AND PRODUCTION

30 CFR 250.34-4

Prior to the approval of a development and production plan, the Director of the U.S. Geological Survey, through the appropriate regional office, reviews the environmental impacts of activities proposed in the plan. The review gives particular attention to (1) seismic risks, (2) areas of high ecological sensitivity, (3) hazardous natural bottom conditions, and (4) the use of new and unusual technology. This USGS review is published as an environmental assessment (EA), or, if conducted jointly by State and Federal agencies, it is referred to as an environmental impact report/environmental assessment (EIR/EA).

If, in the opinion of the Director, the environmental assessment indicates that approval of the plan would constitute a major Federal action significantly affecting the quality of the human environment, an environmental impact statement must be prepared. At this time, particular consideration is given to significant adverse impacts upon the marine, coastal, or human environments resulting from the construction of new onshore facilities. Cumulative and previously unforeseen impacts are also considered. On the basis of the environmental assessment or the environmental impact statement findings and the technical review by the U.S. Geological Survey, the development and production plan will be approved, rejected, or modified.

STEP 12. DEVELOPMENT AND PRODUCTION DRILLING

30 CFR 250.36

After approval of the development and production plan and installation of a platform or other drilling structure, the lessee or operator files an application for permit to drill with the regional USGS office. The APD includes specific information on the location and depth of wells. An APD approved by the U.S. Geological Survey constitutes a drilling permit. An additional APD must be filed and approved each time a well is deepened, reworked, or redrilled.

Other permits required prior to platform installation and subsequent development drilling include permits for aids to navigation from the U.S. Coast Guard, navigation permits from the U.S. Army Corps of Engineers, and National Pollutant Discharge Elimination System permits from the Environmental Protection Agency.

STEP 13. PIPELINES

30 CFR 250.18
43 CFR 3340

Once marketable quantities of oil or gas are found, a grant of right-of-way or a grant of right-of-use-and-easement is required for pipeline transportation across the OCS. The U.S. Geological Survey has permit jurisdiction over OCS pipelines that are wholly contained within the boundaries of a single lease, the boundaries of unitized leases, or the boundaries of adjacent leases under the same lessee or operator. The right-of-use-and-easement is granted by the Director of the Survey. Under the right-of-use-and-easement, the lessee may construct and maintain platforms, artificial islands, and all structures attached to the seabed on the OCS. This right also applies where pipelines are constructed, owned, and maintained by the lessee and feed into a facility where oil and gas are first collected or processed. The Bureau of Land Management has permit jurisdiction over OCS pipelines that extend beyond the boundaries of a single lease, of unitized leases, or of adjacent leases under the same lessee or operation. The right-of-way is granted by the Director of the Bureau of Land Management. The right-of-way includes the site on which the common-carrier pipelines and associated structures are situated. The Bureau of Land Management, with the participation of other bureaus as appropriate, plans the location of pipeline rights-of-way. The Fish and Wildlife Service prepares and submits reports to the Bureau of Land Management concerning potential effects on biological resources from laying pipelines in proposed right-of-way corridors. The U.S. Geological Survey performs a technical review and makes a hazard analysis of the proposed pipeline routes.

Regulations for pipelines on the OCS are also issued by the Department of Transportation's Materials Transportation Bureau. In addition, the U.S. Army Corps of Engineers issues permits for the construction of pipelines in navigable waters. State and local agencies are responsible for regulation of pipelines in State waters.

STEP 14. PRODUCTION

30 CFR 250.37 - 250.72
250.90 - 250.96

With the approval of the U.S. Geological Survey, the individual lessees determine the amount and duration of production. Once production begins, monthly reports of operations and royalty payments must be submitted to the Survey. Lessees must also comply with all safety and operating requirements of the Survey and the U.S. Coast Guard. In addition, lessees must obtain USGS approval of any significant modification of production equipment or procedures. The term of a particular lease will be extended beyond the initial term through production, drilling, or well reworking operations, or the granting of suspension of operations by the Secretary of the Interior.

STEP 15. LEASE CANCELLATION, EXPIRATION, OR RELINQUISHMENT

30 CFR 250.15, 250.20, 250.34a
43 CFR 3320

Lessees may allow leases to expire at the end of their initial term unless the leases are extended through production or approved drilling or well reworking operations. Leases may also be surrendered by filing a written relinquishment with the appropriate regional BLM office. A producing lease may also be cancelled by the Secretary of the Interior for noncompliance with the provisions of the OCS Lands Act or applicable regulations. Nonpro-

ducing leases may be cancelled by an authorized officer, subject to judicial review, for noncompliance with the OCS Lands Act or applicable regulations. The Secretary may also cancel a lease when continued activity under the lease would probably cause serious harm or damage to life, property, any mineral, national security, or the marine, coastal, or human environment over an unreasonable period of time. At the time of abandonment, wellheads must be cut off below the surface of the ocean floor and other bottom obstructions must be removed. The Bureau of Land Management is responsible for all official record title actions, and official administrative records are maintained by each regional OCS office and are available to the public.

LEASE SALE 39 (1976)

Lease Relinquishments

Lease No.	Block No.	Lessee	Date
0001	25	Shell	12/5/79
0002	29	Atlantic Richfield	12/5/79
0003	60	Shell	5/17/79
0004	61	Shell	5/17/79
0005	68	Shell, Atlantic Richfield	12/5/79
0006	69	Shell, Atlantic Richfield	12/5/79
0007	72	Atlantic Richfield	11/29/78
0008	73	Atlantic Richfield	11/29/78
0009	104	Shell	5/17/79
0010	105	Texasgulf	9/30/80
0011	106	Shell	5/17/79
0012	107	Shell	5/17/79
0013	110	Shell	11/29/78
0014	111	Shell	11/29/78
0016	117	Exxon	5/29/80
0017	118	Atlantic Richfield	12/5/79
0018	119	Atlantic Richfield	12/5/79
0019	120	Texasgulf	9/30/80
0020	121	Placid	11/15/78
0021	122	General Crude	5/13/80
0022	123	Exxon	5/29/80
0023	124	Exxon	5/29/80
0024	143	Atlantic Richfield	2/6/80
0025	144	Atlantic Richfield	2/6/80
0026	145	Atlantic Richfield	2/6/80
0027	149	Shell	12/5/79
0028	150	Shell	12/5/79
0031	161	Amoco	5/25/79
0032	162	Texaco	11/27/79
0033	163	Atlantic Richfield	11/29/78
0034	164	Atlantic Richfield	12/5/79
0035	165	Exxon	5/29/80

Lease Relinquishments (Continued)

Lease No.	Block No.	Lessee	Date
0036	166	Exxon	5/29/80
0037	167	Exxon	5/29/80
0038	168	Exxon	5/29/80
0039	169	Exxon	5/29/80
0040	187	Atlantic Richfield	2/6/80
0041	194	Shell	12/5/79
0042	197	General Crude	5/13/80
0043	199	Exxon	12/29/78
0044	205	Atlantic Richfield	11/29/78
0045	240	Exxon	12/29/78
0046	241	Texaco	
0047	242	Mobil	5/30/79
0048	273	Mobil	5/30/79
0049	283	Exxon	12/29/78
0050	284	Exxon	12/29/78
0051	285	Exxon	12/29/78
0052	292	Socal	
0053	317	Mobil	5/30/79
0055	321	Atlantic Richfield	12/5/79
0056	322	Atlantic Richfield	12/5/79
0057	327	Exxon	12/29/78
0058	328	Exxon	12/29/78
0059	329	Texasgulf	9/30/80
0060	336	Atlantic Richfield, Shell	12/5/79
0061	337	Atlantic Richfield, Shell	12/5/79
0062	362	Santa Fe Energy	10/31/79
0063	365	General Crude	5/13/80
0065	367	Mobil	5/27/80
0066	370	Exxon	12/29/78
0067	373	Atlantic Richfield	11/29/78
0070	411	Mobil	5/27/80
0071	413	Exxon	12/29/78
0072	414	Exxon	12/29/78
0073	296	Gulf	5/30/79
0074	297	Exxon	5/29/80
0075	298	Exxon	5/29/80
0076	299	Mobil	5/30/79
0077	300	Mobil	5/30/79
0078	340	Shell	2/6/80
0079	342	Placid	11/15/78
0080	343	Exxon	5/29/80
0081	344	Mobil	5/30/79

Availability: BLM.

LEASE SALE CI (1977)**Lease Relinquishments**

Lease No.	Block No.	Lessee	Date
0085	275	Exxon	11/28/80
0115	579	Atlantic Richfield	11/21/80
0122	624	Exxon	11/28/80
0123	667	Atlantic Richfield, Chevron, Halbouty Alaska	11/28/80

Lease Relinquishments (Continued)

Lease No.	Block No.	Lessee	Date
0126	710	Atlantic Richfield	11/21/80
0130	752	Atlantic Richfield	11/21/80
0131	753	Atlantic Richfield	11/21/80
0132	754	Atlantic Richfield	11/21/80
0134	796	Atlantic Richfield	11/21/80
0135	797	Atlantic Richfield, Chevron, Halbouty Alaska	11/26/80
0138	840	Atlantic Richfield	11/21/80
0139	841	Texas Eastern	11/25/80
0143	884	Texas Eastern	11/25/80
0149	928	Texas Eastern	11/25/80
0154	972	Texas Eastern	11/25/80
0169	3	Atlantic Richfield	11/21/80
0170	4	Atlantic Richfield	11/21/80
0172	46	Atlantic Richfield	11/21/80

Availability: BLM.

4. Ongoing Programs

There are four programs that generate OCS-related data used on a continuous basis from pre-lease sale activities through production. These are the USGS geological and geophysical surveys and analyses, the Intergovernmental Planning Program of the Bureau of Land Management, the BLM's Regional environmental and socioeconomic studies, and the Department of the Interior's OCS Oil and Gas Information Program. Each of these programs is presented in this chapter.

GEOLOGICAL AND GEOPHYSICAL SURVEYS AND ANALYSES

30 CFR 251

Geological and geophysical surveys and analyses provide most of the resource information used by the Government and industry on the oil and gas potential of various OCS areas. The collection of geological and geophysical data begins prior to the lease sale scheduling and continues throughout the OCS leasing process. The regional USGS offices issue pre-sale geological and geophysical exploration permits to specialized data-collection firms and industry. Data are also collected directly by operations of the U.S. Geological Survey.

All permit holders must notify the Director of the U.S. Geological Survey of the acquisition, analysis, or interpretation of any geological or geophysical data or information. The Director may inspect and require submission, on a proprietary basis, of all data and information. When any significant hydrocarbon occurrences are detected or environmental hazards are encountered on unleased lands during drilling operations, the Director immediately issues a public announcement. Deep stratigraphic test results are released 10

years after completion of the test well or 60 days after issuance of an OCS lease within 50 miles of the test site, whichever comes first. All other geological and geophysical data and analyzed, interpreted, or processed information are released 10 years after the issuance of the permit under which they were collected. However, data collected directly or purchased under exclusive contract by the U.S. Geological Survey are nonproprietary.

Except for proprietary data that would compromise the competitive position of a party participating in data collection or other lease sale activities, the raw data are available on magnetic tapes and/or microfiche from the National Geophysical and Solar-Terrestrial Data Center, National Oceanic and Atmospheric Administration, and may be inspected at the regional office that acquired the data.

States may review proprietary data submitted to the Director of the U.S. Geological Survey at locations designated by the Secretary of the Interior, pursuant to sections 26(d)(2) and 205(g) of the OCS Lands Act Amendments of 1978. This section requires that an official be appointed by the Governor for the inspection of the information and that the State be subject to certain provisions of confidentiality.

INTERGOVERNMENTAL PLANNING PROGRAM

The Intergovernmental Planning Program for OCS Oil and Gas Leasing, Transportation and Related Facilities (IPP) was implemented to provide a formal coordination and planning mechanism for three major OCS program elements administered by the Bureau of Land

Management. These elements are the leasing process, the Environmental Studies Program, and transportation planning. The leasing process was discussed in detail in chapter 3, and the Environmental Studies Program will be discussed in the next section of this chapter.

In each of the six OCS leasing regions (North Atlantic, Mid-Atlantic, South Atlantic, Gulf of Mexico, Pacific, and Alaska), a Regional Technical Working Group (RTWG) Committee has been established. The RTWG Committees are one of three types of committees comprising the National OCS Advisory Board. The others are the Policy Committee and the Scientific Committee. The National OCS Advisory Board provides advice to the Secretary of the Interior and to other offices in the Department of the Interior in the performance of discretionary functions of the OCS Lands Act as amended (43 U.S.C. 1331 et seq.), including all aspects of leasing, exploration, development, and production of the resources of the Outer Continental Shelf.

Through the accumulation and evaluation of information, the Regional Technical Working Group Committees advise the Secretary, through the Director of the Bureau of Land Management, on technical matters of regional concern regarding pre-sale activities, transportation-related studies requirements, and transportation management plans for each OCS leasing region. Thus, RTWG Committee activities concern every aspect of the leasing program under Bureau of Land Management jurisdiction. Each RTWG Committee is composed of representatives of the participating States, the Bureau of Land Management, the Fish and Wildlife Service, the Coast Guard, the U.S. Geological Survey, the Environmental Protection Agency, the National Oceanic and Atmospheric Administration, the petroleum industry, and other special and private interests that exist in a leasing region. Every RTWG Committee is chaired by a State representative. The State representative's term of service is determined by all the State representatives on the group.

The movement of oil and/or gas from the Outer Continental Shelf to use points or to processing points is an important part of the overall RTWG planning function. The principal end product of this planning effort is a

Regional Transportation Management Plan (RTMP). At a minimum, the final RTMP will include the following information and recommendations:

- analysis and recommendations for discrete transportation corridors and alternatives, including all routes to onshore facilities or to offshore terminals serving as collection points for more than one production area;
- identification of environmentally sound alternative areas for the location of onshore facilities;
- alternatives regarding surface vessel transportation, in accordance with appropriate regulatory agencies;
- plans for monitoring of construction and operations and any required followup studies; and
- any stipulations and use restrictions identified as applicable to transportation rights-of-way.

IPP transportation planning has four phases, each of which is related to steps in the OCS leasing, exploration, and development sequence. Each planning phase is more detailed and site-specific than the preceding one, and the third and fourth phases are begun only in the event of a discovery of oil and/or gas in commercially producible quantities. Phase I begins with the request for resource reports. This phase establishes the initial data base for the leasing region and identifies information needs for the following phases. Phase II is initiated with the publication of the proposed notice of sale in the Federal Register. Tasks include the examination of the scope and implications of the regional transportation issues and the recommendation of studies for inclusion in the Regional Studies Plan. Phase III, initiated only after a discovery of marketable quantities of oil or gas, has the design and implementation of site-specific transportation studies as its primary objective. Upon the completion of Phase III studies, Phase IV is initiated, resulting in the Regional Transportation Management Plan.

REGIONAL ENVIRONMENTAL AND SOCIOECONOMIC STUDIES

43 CFR 3331

The BLM's Environmental Studies Program was initiated in 1973 by the Secretary of the Interior through a commitment to perform investigations of certain environmental features of the Gulf of Mexico. The program was formalized in section 20 of the OCS Lands Act Amendments of 1978 (Public Law 95-372), which requires the Secretary to conduct a study of any area or region included in any oil and gas lease sale in order to establish information needed for assessment of the human, marine, and coastal environments of the Outer Continental Shelf and the coastal areas that may be affected by oil and gas development there.

The Environmental Studies Program is currently under the direction of the BLM's Assistant Director, Energy and Mineral Resources. The program consists of an environmental studies group in each of the BLM's regional OCS offices (New York, New Orleans, Los Angeles, and Anchorage) and the Branch of Offshore Studies in Washington, D.C. The regional OCS offices and the Washington Office have different functions in the program. The regional offices are responsible for developing statements of regional study needs (Regional Study Plans), preparing statements of work, and monitoring contractor performance on all approved regional studies. The Washington, D.C., Branch of Offshore Studies has the overall management, planning, and budgeting responsibility for the studies program. The Chief of the Branch of Offshore Studies is responsible for the technical adequacy of the program and its component studies. The Branch of Offshore Studies prepares program guidance for the regional offices to use in the preparation of Regional Study Plans, establishes national priorities, compiles the National Study Plan, and manages studies that are applicable to more than one leasing region.

The normal process of defining the National Study Plan usually begins with the Branch of Offshore Studies, through the Assistant Director, establishing the schedule for the regional offices to prepare Regional Study

Plans. These plans include statements of regional study needs, the regional perspective on the priorities of these needs, and a brief description of each proposed study. The Branch of Offshore Studies reviews draft Regional Study Plans from all four regional OCS offices for programmatic consistency, cost, use of ranking criteria, and relevance to issues of national interest, and the OCS offices revise their respective study plans accordingly. Following the submission of final study plans, the Branch of Offshore Studies compiles a preliminary National Study List.

The regional offices are required to procure the studies on the approved study list unless a proposed change is approved by the BLM's Assistant Director. This permits the regional offices to respond to unanticipated study needs that arise between compilation of study plans, and it also ensures the continuity of program initiatives.

The RTWG Committees are also involved in the development of regional study programs. These groups are involved in the determination of issues that require study and their importance to regional decisionmakers. The Regional Technical Working Groups review the draft Regional Study Plan. They are briefed on the status of regional studies on the national list and may be involved in preparing the final draft of the Regional Study Plans. The Working Groups are advised of studies that are approved for funding, and they compile the plans for the following year's Regional Study Plan based upon this information. The Working Groups may also be involved in the design of approved studies. This involvement may include suggesting study techniques, defining critical products and the schedule of their delivery, establishing the study scope, and suggesting an appropriate level of funding.

The proposed IPP environmental studies are reviewed by the Scientific Committee of the OCS Advisory Board. This committee has the responsibility to review the appropriateness, feasibility, and scientific merit of the program's component studies. The committee may comment on any study in the program, including those nominated by the RTWG Committees. The Scientific Committee may institute a change in any study's scope, techniques, or cost.

While the regional studies are initiated at least 6 months prior to a lease sale, they continue through subsequent leasing activities. These continuing studies establish environmental information for comparison with any previously collected data to identify any significant changes in the quality and productivity of the human, marine, and coastal environments.

The Alaska OCS Socioeconomic Studies Program is a multi-year research effort that attempts to predict and evaluate the effects of Alaska OCS petroleum development upon the physical, social, and economic environments within the State. The analysis addresses the differing effects among various geographic units: the State of Alaska as a whole, the several regions within which oil and gas development is likely to take place, and within these regions, the local communities.

OCS OIL AND GAS INFORMATION PROGRAM

30 CFR 252
43 CFR 3300.2

Section 26 of the OCS Lands Act, as amended, calls for the establishment of an Outer Continental Shelf Oil and Gas Informa-

tion Program. This section requires submission and public dissemination of oil and gas data and information resulting from exploration, development, and production activities. Procedures and requirements established for the Outer Continental Shelf Oil and Gas Information Program (now managed by the Office of OCS Information) are contained in 30 CFR 252.3, 252.4, and 252.5 and 43 CFR 3300.2. These regulations require the Director of the U.S. Geological Survey to make available to affected States a regional summary report of information and data designed to assist State and local governments in planning for onshore impacts of potential OCS oil and gas development and production. The regulations also require the Directors of the Survey and the Bureau of Land Management to provide affected States with an index that lists all relevant, actual, or proposed programs, plans, reports, environmental impact statements, and lease sale information. Neither of these documents is to contain proprietary information.

Limited technical assistance in planning for coastal effects associated with OCS oil and gas development is also available from OCSI. All requests for technical assistance will be evaluated and approved on a case-by-case basis, and inquiries should be directed to the OCSI Office at the address shown in the front of this publication.

5. State and Local Involvement in the OCS Leasing Process

This chapter describes State and local participation in the Federal OCS leasing process as well as the autonomous responsibilities of States for OCS-related activities. The specific State agencies in Alaska that are, or could be, involved in OCS-related activities are also presented (table 1). These agencies, their addresses, phone numbers, and the names of people to contact are in appendix D.

STATE AGENCY PARTICIPATION IN THE FEDERAL OCS PROCESS

The Federal Government, represented by the Department of the Interior, coordinates and consults with affected States and, through States, with local governments, during the Federal OCS leasing process.

Federal/State interaction often begins with the review of the proposed OCS oil and gas leasing schedule. This step, and several subsequent steps throughout the sale process, require the Federal Government to invite and consider suggestions from the Governors of the potentially affected States. A Governor of a State, usually through a designated agency or office, invites potentially affected local government and pertinent State agencies to comment on the action. This designated agency or office is usually responsible for coordinating State and local responses by distributing the documents or information to the pertinent State agencies and local governments and submitting the responses to the Secretary of the Interior or the Bureau of Land Management. The Secretary of the Interior may then incorporate the position(s) of

the State(s) in making decisions on various sale options.

Post-lease-sale exploration plans and development and production plans are sent to the potentially affected States for review and comment prior to the approvals granted by the Secretary of the Interior for the initiation of industry activity. The process for this review varies from State to State. Many States have an agency responding to the post-lease-sale activities different from the one that responded to the pre-lease-sale activities.

Alaska responds under section 307 of the Coastal Zone Management Act because the State has an approved Coastal Zone Management Program. Section 307 mandates that the State review exploration plans and development and production plans, and the activities described in detail in the plans, for consistency with State programs. Upon concurrence by the State with the consistency certification, all activities described in detail can be approved. Table 1 indicates the agencies in the State of Alaska that are responsible for consistency certification concurrence. These agencies usually distribute the plans and coordinate the responses (either of concurrence or objection) to the consistency determination. If the State does not submit a concurrence or a written statement describing the status of review to the Secretary of the Interior within 3 months after the receipt of the exploration plan or the development and production plan (section 307(c)(B)(ii) and 15 CFR 930.79 of the Coastal Zone Management Act, as amended by section 504 of the OCS Lands Act), it is presumed that the State has no objection to

the consistency certification, and the U.S. Geological Survey can approve the proposed industry activity.

The four Federal programs described in the previous chapter also provide opportunities for State participation.

AUTONOMOUS STATE RESPONSIBILITIES FOR OCS-RELATED ACTIVITIES

State governments issue permits for various OCS-related activities in State waters, including the planning and construction of nearshore and onshore oil and gas facilities such as pipelines, terminals, refineries, ports, etc. Planning for and construction of these facilities usually occur during development and production phases of the Federal OCS leasing process presented in chapter 3. Permits issued by agencies in Alaska are listed in table 2.

Federally funded State Coastal Zone Management Programs and Coastal Energy Impact Programs are important in planning for and mitigating the impacts of retrieving oil and gas from the OCS. The agencies responsible for these programs are listed in table 2.

STATE AGENCY LISTINGS

State agencies involved in the OCS leasing process are presented in the following two tables (tables 1 and 2). The first table presents information on State agency involvement in response to Federal initiatives. The second table outlines the functions (for example, the permitting of onshore facilities) which States generally carry out autonomously.

Table 1.—Alaska: Participation in the Federal OCS process^a

FEDERAL OCS PROCESS	STATE AGENCY/OFFICE	TYPE OF PARTICIPATION
OCS ADVISORY BOARD	DEPARTMENT OF NATURAL RESOURCES Commissioner's Office	<ul style="list-style-type: none"> ● OCS Policy Committee Member^b
PROPOSED OCS OIL AND GAS LEASE SALE SCHEDULE	GOVERNOR'S OFFICE Division of Policy Development and Planning A-95 Clearing-house	<ul style="list-style-type: none"> ● Comment, distribute, coordinate response^c
RESOURCE REPORTS	GOVERNOR'S OFFICE Division of Policy Development and Planning A-95 Clearing-house	<ul style="list-style-type: none"> ● Comment, distribute, coordinate response^c
CALL FOR NOMINATIONS AND COMMENTS	GOVERNOR'S OFFICE Division of Policy Development and Planning A-95 Clearing-house	<ul style="list-style-type: none"> ● Comment, distribute, coordinate response^c
TENTATIVE TRACT SELECTION NOTICE, STATE BRIEFING	GOVERNOR'S OFFICE Division of Policy Development and Planning A-95 Clearing-house	<ul style="list-style-type: none"> ● Comment, distribute, coordinate response^c
PRE-SALE ENVIRONMENTAL IMPACT STATEMENT	GOVERNOR'S OFFICE Division of Policy Development and Planning A-95 Clearing-house	<ul style="list-style-type: none"> ● Comment, distribute, coordinate response^c
PROPOSED NOTICE OF SALE	GOVERNOR'S OFFICE Division of Policy Development and Planning A-95 Clearing-house	<ul style="list-style-type: none"> ● Comment, distribute, coordinate response^c
EXPLORATION PLAN AND ENVIRONMENTAL REPORT	GOVERNOR'S OFFICE Division of Policy Development and Planning A-95 Clearing-house Office of Coastal Management	<ul style="list-style-type: none"> ● Comment ● Distribute, coordinate response^c ● Consistency certification concurrence

See footnotes at end of table.

Table 1.—Alaska: Participation in the Federal OCS process^a (continued)

FEDERAL OCS PROCESS	STATE AGENCY/OFFICE	TYPE OF PARTICIPATION
ENVIRONMENTAL ASSESSMENT AND EIS, IF NECESSARY, FOR EXPLORATION	GOVERNOR'S OFFICE Division of Policy Development and Planning A-95 Clearing-house Office of Coastal Management	<ul style="list-style-type: none"> • Comment • Distribute, coordinate response^c • Consistency certification concurrence
APPLICATION FOR PERMIT TO DRILL, EXPLORATION ^d	GOVERNOR'S OFFICE Division of Policy Development and Planning A-95 Clearing-house	<ul style="list-style-type: none"> • Comment • Distribute, coordinate response^c
DEVELOPMENT AND PRODUCTION PLAN AND ENVIRONMENTAL REPORT	GOVERNOR'S OFFICE Division of Policy Development and Planning A-95 Clearing-house Office of Coastal Management	<ul style="list-style-type: none"> • Comment • Distribute, coordinate response^c • Consistency certification concurrence
ENVIRONMENTAL ASSESSMENT AND EIS, IF NECESSARY, FOR DEVELOPMENT AND PRODUCTION	GOVERNOR'S OFFICE Division of Policy Development and Planning A-95 Clearing-house Office of Coastal Management	<ul style="list-style-type: none"> • Comment • Distribute, coordinate response^c • Consistency certification concurrence
APPLICATION FOR PERMIT TO DRILL, DEVELOPMENT AND PRODUCTION ^d	GOVERNOR'S OFFICE Division of Policy Development and Planning A-95 Clearing-house Office of Coastal Management	<ul style="list-style-type: none"> • Comment • Distribute, coordinate response^c • Consistency certification concurrence
PIPELINE PERMIT ^d (Federal water)	GOVERNOR'S OFFICE Division of Policy Development and Planning A-95 Clearing-house Office of Coastal Management	<ul style="list-style-type: none"> • Comment • Distribute, coordinate response^c • Consistency certification concurrence

See footnotes at end of table.

Table 1.—Alaska: Participation in the Federal OCS process^a (continued)

FEDERAL OCS PROCESS	STATE AGENCY/OFFICE	TYPE OF PARTICIPATION
INTERGOVERNMENTAL PLANNING PROGRAM (ongoing)	DEPARTMENT OF NATURAL RESOURCES Division of Minerals and Energy Management	<ul style="list-style-type: none"> • Regional Technical Working Group Committee Member^b
GEOLOGICAL AND GEOPHYSICAL ANALYSIS (ongoing)	GOVERNOR'S OFFICE Division of Policy Development and Planning Office of Coastal Management Special Appointed Official	<ul style="list-style-type: none"> • Nonproprietary: Comment • Nonproprietary: Comment • Proprietary: Section 26 (d)(2)(e) review
	DEPARTMENT OF NATURAL RESOURCES State Geologist	<ul style="list-style-type: none"> • Nonproprietary: Comment
REGIONAL ENVIRONMENTAL AND SOCIOECONOMIC STUDIES (ongoing)	DEPARTMENT OF NATURAL RESOURCES Division of Minerals and Energy Management	<ul style="list-style-type: none"> • Regional Technical Working Group Committee Member^b
OCS OIL AND GAS INFORMATION PROGRAM (ongoing)	GOVERNOR'S OFFICE Division of Policy Development and Planning ^c	<ul style="list-style-type: none"> • Comment, distribute information

^aAlaska's CZM Program received Federal approval in 1979.

^bThe Director of the Division of Policy Development and Planning also attends Policy Committee meetings and Regional Technical Working Group Committee meetings.

^cThe Division of Policy Development and Planning uses the A-95 Clearinghouse throughout the OCS Process.

^dDetailed descriptions of these activities are reviewed through exploration and development and production plans.

^eGovernor's designated OCS representative. In accordance with the OCS Lands Act Amendments of 1978, the Governor of any affected State may designate an appropriate State official to receive information as designated by the Secretary of the Interior.

NOTE: Telephone numbers and addresses for the above agencies/contacts may be found in appendix B.

Table 2.—Alaska: Autonomous responsibilities for OCS-related activities^a

KEY AGENCY	RESPONSIBILITIES/CONTROLS	SPECIFIC CONTACT
DEPARTMENT OF NATURAL RESOURCES	OCS Policy Committee Member Permits: Geological and Geo- physical Surveys Pipeline Right-of-Way Tidelands Disturbance of Natural Materials (waterbottoms) Water Well, Right, Use Water Impoundment Conditional Use and Variance (for incompatible land uses) Access Route State Park Non- Compatible Use Easements for Development of Natural Resources Designation of Archaeo- logic and Historic Sites	Division of Minerals and Energy Management Department of Natural Resources
GOVERNOR'S OFFICE	CZMP	Office of Coastal Management
DEPARTMENT OF COMMUNITY AND REGIONAL AFFAIRS	CEIP	Local Government Assistance Division
DEPARTMENT OF ENVIRONMENTAL CONSERVATION	Permits: Air Quality NPDES Wastewater Facilities Certificate of Risk Avoidance (for tankers, terminals) Certificate of Reasonable Assur- ance (for energy- related discharge facilities) Surface Oiling Water Quality Certificate Solid Waste Handling/Disposal Hazardous Waste Handling/Disposal	Department of Environmental Conservation
ALASKA COASTAL POLICY COUNCIL	Designate Areas of Particular Concern Standards for Coastal Activities and Assurance of Compliance at Local Level	Governor's Office, Office of Coastal Management

See footnotes at end of table.

Table 2.—Alaska: Autonomous responsibilities for OCS-related activities^a (continued)

KEY AGENCY	RESPONSIBILITIES/CONTROLS	SPECIFIC CONTACT
DEPARTMENT OF FISH AND GAME	Permits: Construction in Anadromous Fish Water Bodies Critical Habitat Area Disturbance State Game Refuge Disturbance	Department of Fish and Game
DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES	Permits for Encroachments and Utilities in Highway Rights-of-Way	Right-of-Way and Leasing Division

^a Alaska's Federally approved CZMP is based on a state coastal management act; the ALASKA COASTAL POLICY COUNCIL is the advisory group for the CZMP.

NOTE: Telephone numbers and addresses for the above agencies/contacts may be found in appendix B.

Appendix A. Listing of Federal Agencies - Headquarters and Regional

The OCS address and telephone listings are organized alphabetically. The Federal listing is arranged by department or agency headquarters; the participating regional or

field offices follow immediately after the headquarters offices with which they are associated.

COUNCIL ON ENVIRONMENTAL QUALITY

722 Jackson Place, NW.
Washington, DC 20006

Katherine Plowman, Acting Chairman

(202) 395-5700

Environmental Data and Monitoring
Room 34

(202) 395-5760

John Ficke, Senior Staff Member

DEPARTMENT OF AGRICULTURE

Minerals and Geology Staff
USDA, Forest Service
National Forest System Office
14th and Independence Ave, SW.
Washington, DC 20250

(202) 235-8105

Howard E. Banta, Director

DEPARTMENT OF COMMERCE

National Oceanic and Atmospheric Administration

Ocean Programs
RD3 WSC-5
Room 1025
6010 Executive Boulevard
Rockville, MD 20852

(301) 443-8963

Dr. Norbert Untersteiner, Director

National Oceanic and Atmospheric Administration (Continued)

Operations and Program Evaluation Office (301) 443-8951
 OA2 WSC-5
 Room 804
 6010 Executive Boulevard
 Rockville, MD 20852

Robert Sorey, Director

Office of Coastal Zone Management
 Office of Ocean Resources Coordination & Assessment (202) 634-4120
 3300 Whitehaven Street, NW.
 Washington, DC 20235

Charles N. Ehler, Director

Coastal Zone Management: Regional Offices

Office of Coastal Zone Management
 Page Building 2
 3300 Whitehaven Street, NW.
 Washington, DC 20235

Kathryn Cousins
 North Atlantic Regional Manager (202) 634-4126

John Phillips
 South Atlantic Regional Manager (202) 254-7495

Ann Berger-Blundon
 Gulf Regional Manager (202) 254-7546

Peter McAvoy
 Pacific Regional Manager (202) 254-7100

Coastal Energy Impact Program

Eileen Mulaney, Director (202) 634-4128

National Marine Fisheries Service
 Office of Habitat Protection (202) 634-7490
 Page Building 2
 3300 Whitehaven Street, NW.
 Washington, DC 20235

Dr. Robert E. Smith, Acting Director

DEPARTMENT OF DEFENSE

Office of the Assistant Secretary (202) 697-7227
 Manpower, Reserves and Logistics
 The Pentagon DASD (I&H) IR
 Washington, D.C. 20301

U.S. Army Corps of Engineers (202) 272-0104

DAEN-CWZ-P
Pulaski Building
20 Massachusetts Avenue, NW.

Lt. Col. George F. Boone, Assistant Director of Civil
Works, Environmental Program

Office of the Chief of Engineers (Regulatory) (202) 272-0200
DAEN-CWO-N

Lt. General J. K. Bratton, Chief of Engineers (202) 272-0001

Corps of Engineers: District Offices

District Engineer
U.S. Army Corps of Engineers

Alaska District (907) 279-1132
P.O. Box 7002
Anchorage, AK 99510

Baltimore District (301) 962-4545
P.O. Box 1715
Baltimore, MD 21203

Charleston District (803) 724-4229
P.O. Box 919
Charleston, SC 29402

Galveston District (713) 763-1211
P.O. Box 1229 (extension 302)
Galveston, TX 77553

Jacksonville District (904) 791-2241
P.O. Box 4970
Jacksonville, FL 32201

Los Angeles District (213) 688-5300
P.O. Box 2711
Los Angeles, CA 90053

Mobile District (205) 690-2511
P.O. Box 2288
Mobile, AL 36628

New England - Division (617) 894-2400
Division Engineer (extension 220)
424 Trapelo Road
Waltham, MA 02154

New Orleans District (504) 865-1121
P.O. Box 60267 (extension 200)
New Orleans, LA 70118

U.S. Army Corps of Engineers (Continued)

New York District 26 Federal Plaza New York, NY 10007	(212) 264-0100
Norfolk District 803 Front Street Norfolk, VA 23510	(804) 441-3601
Philadelphia District U.S. Customs House 2nd & Chestnut Streets Philadelphia, PA 19106	(215) 597-4848
Portland District P.O. Box 2946 Portland, OR 97208	(503) 221-6000
San Francisco District 211 Main Street San Francisco, CA 94105	(415) 556-3660
Savannah District P.O. Box 889 Savannah, GA 31402	(912) 233-8822 (extension 224)
Seattle District P.O. Box C-3755 Seattle, WA 98124	(206) 764-3690
Wilmington District P.O. Box 1890 Wilmington, NC 28402	(919) 343-4624

DEPARTMENT OF ENERGY

Leasing Policy Development Room 2140, New Post Office Building 12th & Pennsylvania Avenue, NW. Washington, D.C. 20461	(202) 633-9421
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Robert Lawton, Director

Federal Energy Regulatory Commission

Office of Regulatory Analysis 825 North Capitol Street, NE. Washington, D.C. 20426	(202) 357-8191
--	----------------

Robert E. Anderson, Acting Director

Office of Pipeline and Producers Regulations	(202) 357-8500
--	----------------

Kenneth A. Williams, Director

DEPARTMENT OF THE INTERIOR

Office of the Secretary (202) 343-7351
18th and C Streets, NW
Washington, DC 20240

James G. Watt, Secretary

Assistant Secretary

Policy, Budget and Administration (202) 343-6181

Office of OCS Program Coordination (202) 343-9311

Alan Powers, Director

Michelle Tetley, Information Officer (202) 343-9314

Energy and Minerals (202) 343-2186

William P. Pendley, Deputy Assistant Secretary (202) 343-2182

Fish and Wildlife and Parks (202) 343-4416

G. Ray Arnett (designate)

Deputy Assistant Secretary (202) 343-4678

Deputy Assistant Secretary (202) 343-8928

Deputy Assistant Secretary (202) 343-5347

Land and Water Resources (202) 343-2191

Dr. Garrey E. Carruthers

Pat Harvey, Staff Assistant (OCS) (202) 343-4612

Room 6626

Bureau of Indian Affairs

Environmental Services Staff (202) 343-8248
1951 Constitution Ave., NW.
Washington, D.C. 20245

Bureau of Indian Affairs: Regional Offices

Eastern

Area Director (202) 343-4093

1951 Constitution Avenue, NW.

Washington, D.C. 20245

Pacific

Environmental Specialist (916) 468-4391

Federal Office Building, RM W-2538

2800 Cottage Way

Sacramento, CA 95825

Bureau of Indian Affairs (Continued)

Environmental Specialist (503) 429-6744
 1425 Irving Street, N.E.
 P.O. Box 3785
 Portland, OR 97232

Alaska
 Environmental Specialist (907) 586-7184
 Juneau Area Office
 Federal Building
 P.O. Box 3-8000
 Juneau, AK 99801

Bureau of Land Management

18th and C Streets, NW.
 Washington, D.C. 20240

Robert F. Burford, Director (100) (202) 343-3801

Energy and Mineral Resources

Irvin L. White, Assistant Director (510) (202) 343-4437

Division of Offshore Resources

Henry Noldan, Chief (540) (202) 343-6906

Branch of Offshore Operations

Homer Benton, Chief (541) (202) 343-5121

Branch of Offshore Environmental Assessment

William Van Horn, Chief (542) (202) 343-6264

Branch of Offshore Studies

Piet deWitt, Chief (543) (202) 343-7744

Intergovernmental Planning Program

Program Leader (540) (202) 343-6906

Bureau of Land Management: Regional Offices

Alaska OCS Office
 Office of the Manager (907) 276-2955
 P.O. Box 1159
 Anchorage, AK 99510

New York OCS Office
Office of the Manager (212) 264-2960
Jacob K. Javits Federal Building
26 Federal Plaza
New York, NY 10278

New Orleans OCS Office
Office of the Manager (504) 589-6541
Hale Boggs Federal Building
500 Camp Street, Suite 841
New Orleans, LA 70130

Pacific OCS Office
Office of the Manager (213) 688-7234
1340 West 6th Street, Room 200
Los Angeles, CA 90017

Fish and Wildlife Service

18th and C Streets, NW.
Washington, D.C. 20240

Branch of OCS Operations
Ecological Services
1375 K Street, NW.
Washington, D.C. 20240

Raymond L. Fritz, Chief
Pamela A. Matthes, Staff Assistant (202) 343-5733

Fish and Wildlife Service: Regional Offices

Alaska
OCS Coordinator (907) 276-3800
1011 Tudor Road
Anchorage, AK 99507

Region 1 - Pacific
OCS Coordinator (503) 231-6154
Lloyd 550 Building, Suite 1692
500 NE Mulpnomah Street
Portland, OR 97232

Region 2 - Western and Central Gulf of Mexico
OCS Coordinator
Room 229
U.S. Post Office/Courthouse
602 Rosenberg
Galveston, TX 77553

Region 4 - Central and Eastern Gulf of Mexico
OCS Coordinator (904) 769-5430
1621 June Avenue
Panama City, FL 32405

Fish and Wildlife Service (Continued)

Region 4 - South Atlantic OCS Coordinator P.O. Box 12559 217 Ft. Jackson Road Charleston, SC 29412	(803) 795-4025
Region 5 - Mid-Atlantic OCS Coordinator 1825-B Virginia Street Annapolis, MD 24401	(301) 269 0540
Region 5 - North Atlantic OCS Coordinator P.O. Box 1518 Concord, NH 03301	(617) 965-5100

Geological Survey

Office of the Director 12201 Sunrise Valley Drive Reston, VA 22092	(703) 860-7411
Doyle Frederick, Acting Director	
Conservation Division	(703) 860-7581
Hillary Oden, Acting Chief	
Branch of Offshore Minerals Regulation Robert L. Rioux, Deputy Division Chief	(703) 860-7541
Office of OCS Information Louis G. Hecht, Jr., Acting Chief	(703) 860-7166
Branch of Offshore Resource Evaluation Ron Michelson, Chief	(703) 860-7564
Branch of Offshore Economic Evaluation Roger Kahler, Chief	(703) 860-7567
Branch of Offshore Field Operations Price McDonald, Chief	(703) 860-6831
Branch of Offshore Environmental Management David A. Nystrom, Acting Chief	(703) 860-6461
Branch of Offshore Rules and Procedures David Schuenke, Chief	(703) 860-7395

Geologic Division (703) 860-6531

Dallas L. Peck, Chief

Office of Marine Geology (703) 860-7241
N. Terence Edgar, Chief

Office of Energy Resources (703) 860-6431
Linn Hoover, Acting Chief

Geological Survey: Regional Offices

Conservation Division, Eastern Region (202) 254-3137
1725 K Street, Suite 204
Washington, D.C. 20006

Conservation Division, Gulf of Mexico Region (504) 837-9381
P.O. Box 7944
147 Imperial Office Building
3301 Causeway Boulevard
Metairie, LA 70010

Conservation Division (213) 688-6485
Pacific OCS Region
1340 West 6th Street
Suite 240
Los Angeles, CA 90017

Conservation Division (907) 271-4304
Alaska OCS Region
800 A Street, Room 201
Anchorage, AK 99501

National Park Service

Natural Resources Division (202) 523-5127
18th and C Street, NW
Washington, DC 20240

Roland H. Wauer, Chief

Dr. Richard Briceland, OCS Coordinator

State Plans and Grants Division (202) 343-6221
Code 440
440 G Street, NW
Washington, DC 20243

Lawrence Aten, Chief

DEPARTMENT OF JUSTICE

Antitrust Division
 Energy Section (202) 724-6410
 10th and Constitution Avenue, NW.
 Washington, D.C. 20530

Donald A. Kaplan, Chief

Land and Natural Resources Division
 Marine Resources Section (202) 633-2779
 10th and Constitution Avenue, NW.
 Washington, D.C. 20530

Bruce Rashkow, Chief

DEPARTMENT OF TRANSPORTATION

Office of Environment and Safety
 Environmental Coordination Division (P-23) (202) 426-4366
 400 Seventh Street, SW.
 Washington, D.C. 20590

Gene Lehr, Chief

U.S. Coast Guard

2100 2nd Street, NW.
 Washington, D.C. 20593

Admiral John B. Hayes, Commandant (202) 426-2390

Office of Marine Environment and Systems (202) 426-2008
 2100 Second Street, SW.
 Washington, D.C. 20593

Capt. John W. Kime, Deputy Chief

OCS Safety Project (G-MP-3/OCS/TP16) (202) 472-5160
 Capt. P. J. Cronk, Manager

U.S. Coast Guard: District Offices

U.S. Coast Guard
 Commander

First Coast Guard District (617) 223-3601
 150 Causeway Street
 Boston, MA 02114

Third Coast Guard District (212) 668-7196
 Governors Island
 New York, NY 10004

Fifth Coast Guard District (804) 398-6000
Federal Building
431 Crawford Street
Portsmouth, VA 23705

Seventh Coast Guard District (305) 350-5654
Federal Building
51 S.W. First Avenue
Miami, FL 33130

Eighth Coast Guard District (504) 589-6298
Hale Boggs Federal Building
500 Camp Street
New Orleans, LA 70130

Eleventh Coast Guard District (213) 590-2311
Union Bank Building
400 Oceangate Boulevard
Long Beach, CA 90822

Twelfth Coast Guard District (415) 556-5326
630 Sansome Street
San Francisco, CA 94126

Thirteenth Coast Guard District (206) 442-5078
Federal Building
915 Second Avenue
Seattle, WA 98174

Seventeenth Coast Guard District (907) 586-2680
P.O. Box 3-5000
Juneau, AK 99801

Federal Aviation Administration

Office of Environment and Energy (202) 426-8406
800 Independence Avenue, SW.
Washington, D.C. 20591

Materials Transportation Bureau

Office of Pipeline Safety Regulation (202) 426-2392
400 Seventh Street, SW.
Washington, D.C. 20590

Office of Pipeline Safety Regulation: Regional Offices

Regional Chief, Eastern Region DMT 15 (202) 755-9435
Room 9413
400 Seventh Street, SW.
Washington, D.C. 20024

Materials Transportation Bureau (Continued)

Regional Chief, Southern Region DMT 16 1568 Willingham Drive, Suite 200-B Atlanta, GA 30337	(404) 763-7861
Regional Chief, Southwest Region DMT 17 6622 Hornwood Drive Houston, TX 77074	(713) 226-5476
Regional Chief, Western Region DMT 18 831 Mitten Road Burlingame, CA 94010	(415) 876-9085
Regional Chief, Alaska Region 701 C Street, Box 14 Anchorage, AK 99513	(907) 271-5645

DEPARTMENT OF THE TREASURY

Assistant Secretary, Economic Policy 15th Street and Pennsylvania Avenue, NW. Washington, D.C. 20220	(202) 566-2551
--	----------------

Dr. Paul Craig Roberts, Assistant Secretary

ENVIRONMENTAL PROTECTION AGENCY

Office of the Administrator 401 M Street, SW. Washington, D.C. 20460	(202) 755-2700
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Anne M. Gorsuch, Administrator

Office of Environmental Review, A-104	(202) 755-0777
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William N. Hedeman, Jr., Director Virginia Fox-Norse, OCS Liaison	(202) 755-9408
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Environmental Protection Agency: Regional Offices

Region I Environmental and Economic Impacts Office Room 2203 J.F. Kennedy Federal Building Boston, MA 02203	(617) 223-7210
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Region II Environmental Impacts Branch 26 Federal Plaza New York, NY 10007	(212) 264-2525
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Office of Federal Activities (OCS Activities)	(212) 264-0592
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Listing of Federal Agencies--Headquarters/Regional

73

Region III	
Environmental Impacts Branch	(215) 597-9814
6th and Walnut Streets (OCS Activities)	(215) 597-0691
Philadelphia, PA 19106	
Region IV	
Environmental Impacts Statement Branch	(404) 881-4727
345 Courtland Street, N.E.	
Atlanta, GA 30308	
Region VI	
EIS Coordinator	(214) 767-2600
Mail Stop 6ASAF	
First International Building	
1201 Elm Street	
Dallas, TX 75270	
Region IX	
Environmental Impacts Statement Office	(415) 556-6925
215 Fremont Street	
San Francisco, CA 94105	
Region X	
Environmental Evaluation Branch	(206) 442-1285
Mail Stop 443	
1200 Sixth Avenue	
Seattle, WA 91101	

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

Management Support Office	(202) 755-8383
Code LD4	
400 Maryland Avenue, SW.	
Washington, D.C. 20546	
Nathaniel Cohen, Director	

Appendix B. Listing of Alaska Region State Agencies

The OCS address/telephone listings are organized alphabetically. The State listing is arranged entirely alphabetically by coastal states and OCS-related departments within the states.

To prepare a full mailing address, use the name of the agency or department, the

particular office designation you wish, and any other pertinent information such as mail-stop code or box number. In cases where the full address is not given, use the first complete address immediately above the office in which you are interested.

DEPARTMENT OF COMMUNITY AND REGIONAL AFFAIRS

(907) 279-8636

225 Cordova Street, Building B
Anchorage, AK 99501

Local Government Assistance Division

(907) 264-4707

DEPARTMENT OF ENVIRONMENTAL CONSERVATION

(907) 465-2600

Pouch O
3220 Hospital Drive
Juneau, AK 99811

DEPARTMENT OF FISH AND GAME

(907) 465-4100

Support Building
Juneau, AK 99801

DEPARTMENT OF NATURAL RESOURCES

(907) 465-2400

Pouch M
Juneau, AK 99811

Division of Minerals and Energy Management
703 West Northern Lights Boulevard
Anchorage, AK 99501

(907) 263-2260

State Geologist
3001 Porcupine Drive
Anchorage, AK 99504

(907) 277-6615

DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES (907) 645-3900

P.O. Box 1467
Juneau, AK 99802

Right-of-Way and Leasing Division (907) 364-2121

GOVERNOR'S OFFICE (907) 465-3500

Pouch A
Juneau, AK 99801

Policy Development and Planning (907) 465-3577
Pouch AD

A-95 Clearinghouse (907) 465-3577
Pouch AD

Alaska Coastal Policy Council (907) 465-3540

Office of Coastal Management (907) 465-3540
Pouch AP

Appendix C. Federal Depository Libraries

Alaska

Juneau Memorial Library
114 West 4th Street
Juneau

Kodiak Public Library
Kodiak

Kenai Community Library
Cook and Main Streets
Kenai

University of Alaska--
Arctic Environmental Information and
Data Center
707 A Street
Anchorage

University of Alaska Library
3211 Providence Avenue
Anchorage

Loussac Public Library
427 F Street
Anchorage

Fairbanks North Star Borough Library
901 First Avenue
Fairbanks

North Slope Borough Office
Barrow

Village Council Office
Nuiqsut

Village Council Office
Kaktovik

Appendix D. Additional OCS-Related Information

OCS ORDERS

OCS Orders are issued by the U.S. Geological Survey for each OCS area (Gulf of Mexico, Pacific, Alaska, Atlantic). These orders govern oil and gas lease operations and specify procedures and practices that must be followed during exploration and development and production activities. All OCS Orders were revised in January 1980, and copies of the Alaska Orders are available from the Conservation Manager, Alaska Region, USGS, 800 A Street, Anchorage, AK 99501.

Eight OCS Orders have been issued for leases in Alaska. Five orders are still being developed. The thirteen orders for Alaska, including these being prepared, are as follows:

- Order No. 1 - Identification of wells, platforms, structures, mobile drilling units, and subsea objects.
- Order No. 2 - Drilling operations: includes specifications for plans and applications, drilling from fixed platforms and mobile drilling units, well casing and cementing, directional surveys, blowout preventer equipment, mud program, supervision, surveillance, and training; hydrogen sulfide; critical operations and curtailment plans; field drilling rules; and departures.
- Order No. 3 - Plugging and abandonment of wells.
- Order No. 4 - Determination of well producibility.

- Order No. 5 - Production safety systems: includes subsurface-safety devices and pollution-control requirements.
- Order No. 6 - Procedure for completion of oil and gas wells (under development).
- Order No. 7 - Pollution prevention and control.
- Order No. 8 - Platforms and structures.
- Order No. 9 - Oil and gas pipelines (under development).
- Order No. 10 - (Title and content reserved).
- Order No. 11 - Oil and gas production rates, prevention of waste, and protection of correlative rights (under development).
- Order No. 12 - Public inspection of records.
- Order No. 13 - Production measurement and commingling (under development).

OCS STATISTICAL SUMMARY

The OCS Statistical Summary is prepared by the New Orleans OCS Office of the Bureau of Land Management and is published in four volumes: one for all OCS lease sales held from 1954 through 1972; one for sales

from 1973 through 1975; one for sales from 1976 through 1978; and one for sales from 1979 through 1981. Information is presented by lease sale. The Statistical Summary contains a listing of all tracts receiving bids and the bid amounts for each tract. It also identifies tracts receiving no bids and lists participating companies and groups of companies. Additional tables present the OCS lease numbers assigned to tracts receiving bids, important dates and Federal Register notices pertinent to each sale, and various bidding systems used.

Copies of any volume of the OCS Statistical Summary are available from the Manager, New Orleans OCS Office, Bureau of Land Management, Hale Boggs Federal Building, Suite 841, 500 Camp Street, New Orleans, LA 70130.

U.S. GEOLOGICAL SURVEY OCS STANDARDS

The U.S. Geological Survey has issued seven standards for oil and gas operations on OCS leases. These standards provide guidelines and requirements for OCS oil and gas activities in addition to procedures required by OCS Orders. The standards cover the following categories:

- safety requirements for drilling operations in a hydrogen sulfide environment;
- training and qualifications of personnel in well-control equipment and techniques for drilling on offshore locations;
- quality assurance and certification of safety and pollution-prevention equipment used in offshore oil and gas operations;
- accreditation of testing laboratories for safety and pollution-prevention equipment used in offshore oil and gas operations;
- requirements for verifying the structural integrity of OCS platforms;
- training and qualifications of personnel in well completion and workover operations; and
- use of halogenated phenols in OCS operations.

For more information on USGS Standards, contact the USGS office noted on the inside front cover of this index.

REPRODUCTION OF FEDERAL DOCUMENTS

Regulations concerning the availability to the public of Department of the Interior documents are contained in title 43, Code of Federal Regulations, part 2. Subpart A of 43 CFR 2 concerns the availability of opinions issued in the adjudication of cases and of administrative manuals. Copies of final decisions and orders issued in appeals from Department decisions relating to the use and disposition of OCS lands and mineral resources are available for inspection and copying in the Office of Hearings and Appeals, Ballston Building No. 3, 4015 Wilson Boulevard, Arlington, VA 22203.

Subpart B of 43 CFR 2 sets out Department of Interior procedures for Freedom of Information Act (5 U.S.C. 552) requests. The procedures in this subpart are not applicable to requests for records published in the Federal Register or made available under subpart A.

Abbreviations and Acronyms

APD	- Application for Permit to Drill
CEIP	- Coastal Energy Impact Program, administered by the Office of Coastal Zone Management of the National Oceanic and Atmospheric Administration, U.S. Department of Commerce
BLM	- Bureau of Land Management, U.S. Department of the Interior
CFR	- Code of Federal Regulations
CZM	- Coastal Zone Management
DEIS	- Draft Environmental Impact Statement
EIR/EA	- Environmental Impact Report/Environmental Assessment
EIS	- Environmental Impact Statement
EPA	- Environmental Protection Agency
FWS	- Fish and Wildlife Service, U.S. Department of the Interior
HCRS	- Heritage Conservation and Recreation Service, U.S. Department of the Interior
IPP	- Intergovernmental Planning Program
NEPA	- National Environmental Policy Act of 1969
NPDES	- National Pollutant Discharge Elimination System
NOAA	- National Oceanic and Atmospheric Administration
NPS	- National Park Service, U.S. Department of the Interior
OCS	- Outer Continental Shelf
OCSI	- Office of Outer Continental Shelf Information, USGS
OS&T	- Offshore Storage and Treatment
RTMP	- Regional Transportation Management Plan
RTWGC	- Regional Technical Working Group Committee
SID	- Secretarial Issue Document
STWG	- State Technical Working Group
USGS	- U.S. Geological Survey, U.S. Department of the Interior

Glossary

Definitions presented in the glossary describe terms as they have been used in this index. The glossary is intended for general reference only: for detailed descriptions of technical or specialized terms, the reader should seek a reference in the field of particular interest.

Sources used in compiling this glossary were the Gulf of Mexico, Mid-Atlantic, South Atlantic, Pacific, Gulf of Alaska, and Gulf of Mexico Summary Reports; the OCSIP Atlantic, Pacific, Gulf of Mexico, and Alaska Indexes; the NERBC-RALI Factbook; Webster's Third New International Dictionary; the American Geological Institute's Dictionary of Geological Terms; and Langenkamp's Handbook of Oil Industry Terms and Phrases (2d ed.).

Block - A leasing unit of approximately 9 square miles (2,304 hectares or 5,760 acres).

Blowout - An uncontrolled flow of gas, oil, and other fluids from a well to the atmosphere. A well blows out when formation pressure exceeds pressure applied to the well by the column of drilling fluid.

Call area - The geographical area covered by the call for nominations and comments of an OCS oil and gas lease sale.

Continental Margin - A zone separating the emergent continents from the deep sea bottom and including the Continental Shelf and Continental Slope.

Continental Shelf - A broad, gently sloping, shallow feature extending from the shore to the Continental Slope.

Continental Slope - A relatively steep, narrow feature paralleling the Continental

Shelf; the region in which the steepest descent to the ocean bottom occurs.

Contingency plan - A plan for possible offshore emergencies prepared and submitted by the oil/gas operator as part of the exploration plan and development and production plan.

Development - Activities that take place following exploration for, discovery of, and delineation of minerals in commercially attractive quantities (including but not limited to geophysical activity, drilling, platform construction, and operation of all directly related onshore support facilities) and that are for the purpose of ultimately producing the minerals discovered.

Development and production plan - A plan describing the specific work to be performed, including all development and production activities that the lessee(s) propose(s) to undertake during the time period covered by the plan and all actions to be undertaken up to and including the commencement of sustained production. The plan also includes descriptions of facilities and operations to be used, well locations, current geological and geophysical information, environmental safeguards, safety standards and features, time schedules, and other relevant information. Under 30 CFR 250.34-2, all lease operators are required to formulate and obtain approval of such plans by the Director of the U.S. Geological Survey before development and production activities may commence.

Discovery - The initial find of significant quantities of fluid hydrocarbons on a given field on a given lease.

Environmental impact statement - A statement required by the National Environmental Policy Act of 1969 (NEPA) or similar State law in relation to any action significantly affecting the environment.

Exploration - The process of searching for minerals. Exploration activities include (1) geophysical surveys where magnetic, gravity, seismic, or other systems are used to detect or infer the geologic conditions conducive to the accumulation of such minerals and (2) any drilling, except development drilling, whether on or off known geological structures. Exploration also includes the drilling of a well in which a discovery of oil or natural gas in paying quantities is made and the drilling of any additional well after such a discovery that is needed to delineate a reservoir and to enable the lessee to determine whether to proceed with development and production.

Exploration plan - A plan based on all available relevant information about a leased area that identifies, to the maximum extent possible, all the potential hydrocarbon accumulations and wells that the lessee(s) propose(s) to drill to evaluate the accumulations within the entire area of the lease(s) covered by the plan. Under 30 CFR 250.34-1, all lease operators are required to formulate and obtain approval of such plans by the Director of the U.S. Geological Survey before exploration activities may commence.

Field - An area within which hydrocarbons have been concentrated and trapped in economically producible quantities in one or more structural or stratigraphically related reservoirs.

Geologic hazard - A feature or condition that, if unmitigated, may seriously jeopardize offshore oil and gas exploration and development activities. Mitigation may necessitate special engineering procedures or relocation of a well.

Geophysical - Of or relating to the physics of the earth, especially the measurement and interpretation of geophysical properties of the rocks in an area.

Geophysical survey - The exploration of an area in which geophysical properties and relationships unique to the area are measured by one or more geophysical methods.

Hydrocarbon - Any of a large class of organic compounds containing primarily carbon and hydrogen, comprising paraffins, olefins, members of the acetylene series, alicyclic hydrocarbons, and aromatic hydrocarbons, and occurring in many cases in petroleum, natural gas, coal, and bitumens.

Lease - A contract granting the right to drill, develop, and produce oil and gas resources on a particular block of submerged lands on the Outer Continental Shelf; the land covered by such a contract.

Lease sale - The public opening of competitive sealed bids offered by companies or individuals bidding for the right to explore for and develop certain minerals within a defined period of time.

Lease term - For oil and gas leases, a period of 5 years or up to and not to exceed 10 years, where a longer period is necessary to encourage exploration and development in areas because of unusually deep water or other unusually adverse conditions.

Outer Continental Shelf (OCS) - All submerged lands that comprise the Continental Margin adjacent to the U.S. and seaward of State offshore lands (see OCS Lands Act). The OCS remains subject to Federal jurisdiction and control after enactment of the Submerged Lands Act (43 U.S.C 1301 and 1302).

Petroleum - An oily, flammable bituminous liquid that occurs in many places in the

upper strata of the earth, either in seepages or in reservoirs; essentially a complex mixture of hydrocarbons of different types with small amounts of other substances; any of various substances (as natural gas or shale oil) similar in composition to petroleum.

Proprietary data - Geologic and geophysical data and immediate derivatives thereof which cannot be released to the general public because of restrictions imposed by contracts, Federal regulations, or statutes.

Recoverable resource estimate - An assessment of oil and gas resources that takes into account the fact that physical and technological constraints dictate that only a portion of resources or reserves can be brought to the surface.

Reserves - Portion of the identified oil or gas resource that can be economically extracted.

Reservoir - An accumulation of hydrocarbons that is separated from any other such accumulation.

Resource - Concentration of naturally occurring solid, liquid, or gaseous materials in or on the earth's crust.

Summary report - Document prepared by the Department of the Interior pursuant to 30 CFR 252.4 that is intended to inform affected State and local governments as to current OCS resource and reserve estimates, projections of magnitude and timing of development, transportation planning, and general location and nature of nearshore and onshore facilities; also, document prepared by the U.S. Geological Survey in response to the request for Resource Reports discussing the general geology, potential mineral resources, and geological hazards of the broad OCS area under consideration for leasing.

Tract - The geographic and legal extent of a single leased area; a convenient way of

numbering blocks offered for sale so that they can be sequentially numbered in the process of offering.

Unit - Administrative consolidation of OCS leases held by two or more companies but explored, developed, and/or produced by one operator for purposes of conservation, eliminating duplication of operations, and/or maximizing resources recovered.

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