

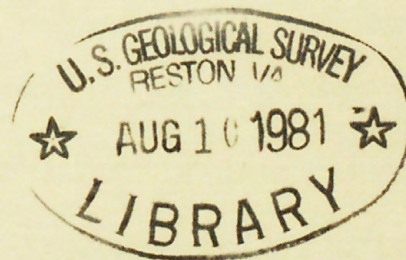
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Outer Continental Shelf Oil and Gas Information Program

GULF OF MEXICO INDEX

(January 1978 - 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 81-313

Copies of this index are available free upon request from:

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U.S. Geological Survey
640 National Center
Reston, VA 22092
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The documents referred to in the index are available for inspection at the following offices:

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Conservation Division
Gulf of Mexico OCS Region
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3301 North Causeway Boulevard
Metairie, LA 70010
(504) 837-4720

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

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Pacific	May 1980	In progress	July 1979**
Alaska Gulf of Alaska Beaufort Sea	September 1980** In progress		August 1979**
<p>*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.</p> <p>**Revised edition in progress.</p>			



Outer Continental Shelf Oil and Gas Information Program

GULF OF MEXICO INDEX

(January 1978 - November 1980)

by Kenneth J. Havran, Karen M. Collins,
Richard T. Dorrier, and Mary Ann Collignon

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INDEX OF MEXICO INDEX

(January 1977 - December 1977)

by Kenneth J. Brown, Richard T. Gonsky, and John A. Gonsky

2000

Geological Survey
United States
Open-File Report

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At Rogers, Golden & Halpern, Fritts Golden supplied overall project direction. Joanne Jackson coordinated the project. Sandy Dechert edited the report and supervised its design and production. Mark Yankoski directed cartographic and graphics production. Rich Barrett, Gene Gilroy, Lorraine Giordano, Norman Hall, Doris Matthews, Sue McGuire, Valerie Smith, Pamela Staubus, and Kim Tomlinson provided technical support.

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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 the Gulf of Mexico, State jurisdiction extends for 3 leagues (9 nautical miles or 16.68 km) off the coast of Texas and the western coast of Florida and for 3 geographical (nautical) miles (5.56 km) from the coastlines of Alabama, Louisiana, and Mississippi. The Gulf of Mexico OCS, which comprises the submerged lands of the Continental Shelf seaward of the Alabama, Florida, Louisiana, Mississippi, and Texas State boundaries, 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 proce-

dures 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 Gulf of Mexico 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 chapter 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 within this index are available as of November 30, 1980. Pre-sale documents can be reviewed at the BLM OCS office shown below:

Bureau of Land Management
New Orleans OCS Office
Hale Boggs Federal Building
500 Camp Street, Suite 841
New Orleans, LA 70130
(504) 589-6541.

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

U.S. Geological Survey
Conservation Division
Gulf of Mexico Region
P. O. Box 7944
147 Imperial Office Building
3301 North Causeway Boulevard
Metairie, LA 70010.

INTRODUCTION TO 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 the 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, evaluate, and lease tracts for exploration within the broad geographical areas listed on the current OCS oil and gas leasing schedule. During this phase, geological, geophysical, 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, for identifying new information needs, and administering the lease sale. 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 supervis-

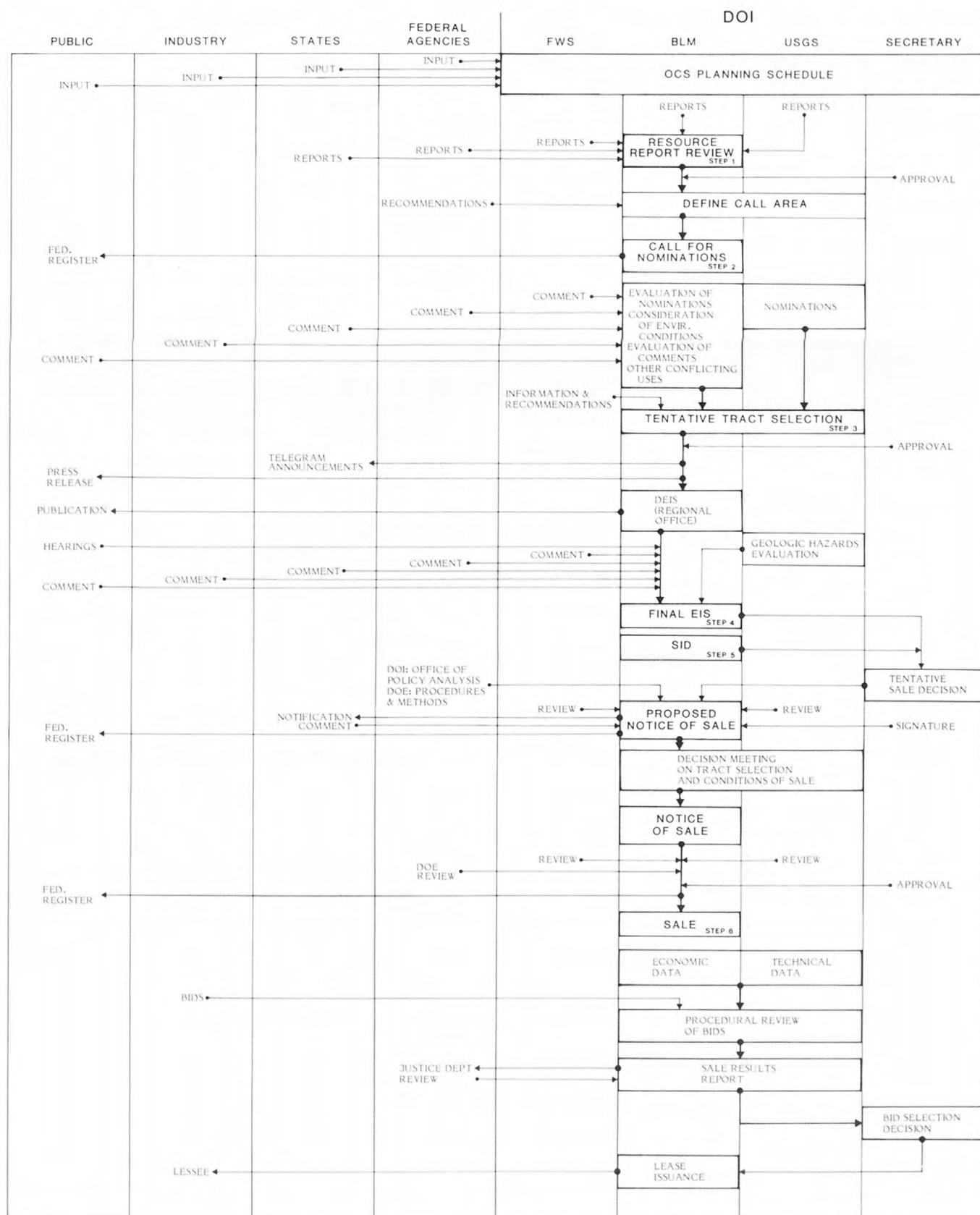


FIGURE 1.—OCS leasing process--pre-sale phase.

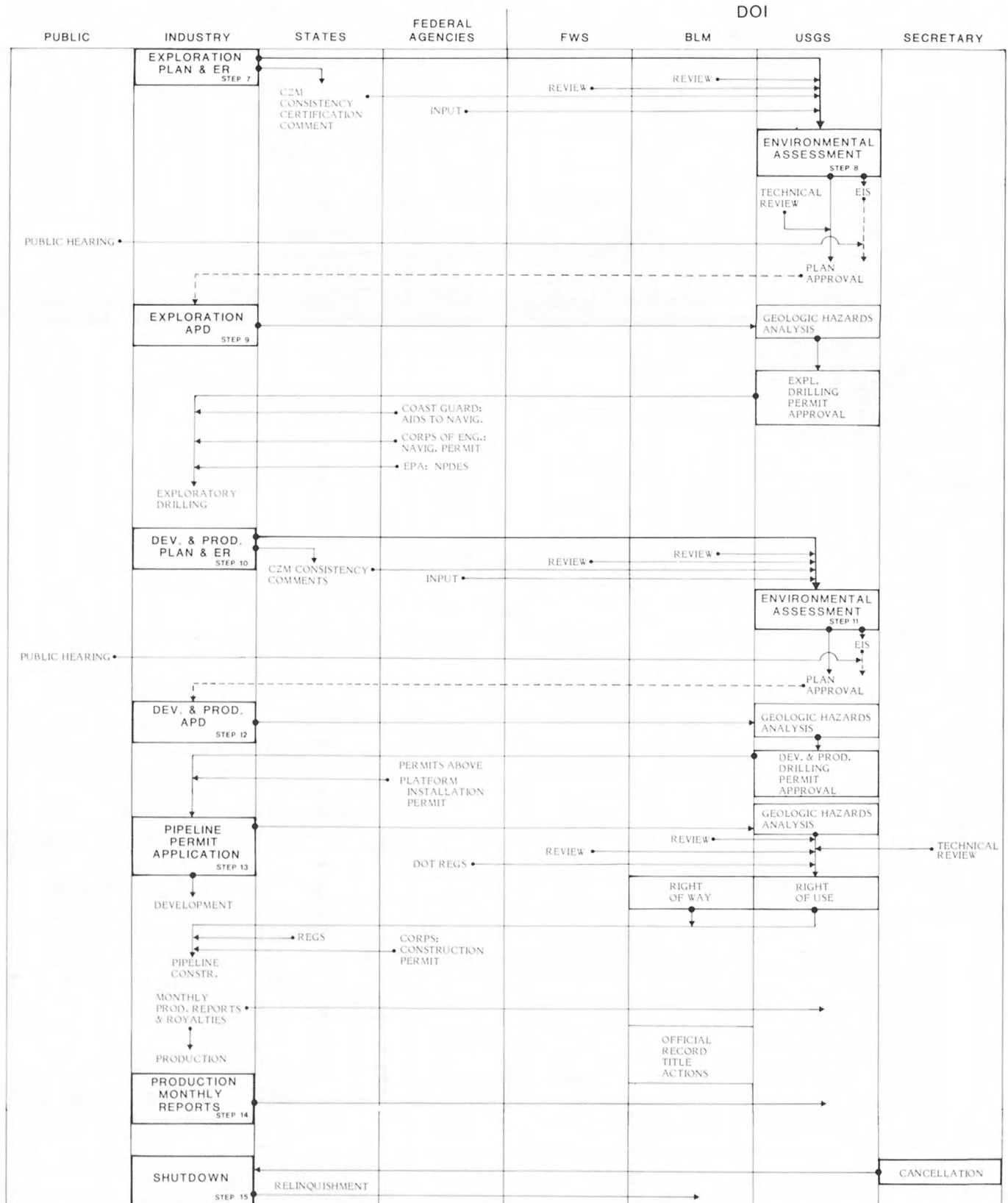


FIGURE 2.--OCS leasing process--post-sale phase.

ing and regulating exploration, development, and production activities on the leased tracts. The Survey evaluates exploration plans 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 may be located by using OCS protraction diagrams or official leasing maps. The protraction diagrams are prepared by the Bureau of Land Management and are the official sources for any legal descriptions used to describe the boundaries of an OCS lease. They are also used to depict the area covered by the call for nominations and comments. Each protraction diagram is a map at a scale of 1:250,000. The diagrams include latitude and longitude and the boundary lines separating lands under State and Federal jurisdiction. A listing of protraction diagrams for a particular call area is included 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 (1) the geographical, geological, and ecological characteristics of the broad areas under consideration, (2) other uses of the resources and space of the OCS, (3) identification of areas of environmental sensitivity and marine productivity, and (4) 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 36 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 for all OCS areas with the exception of the Gulf of Mexico.

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 (June 1980), 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), and March 1980 (1980-85). Schedules published between August 1970 and August 1977 were not required by law. The June 1979 and March 1980 schedules were drafts prepared for the current 1980-85 schedule.

FIGURE 3.—Current 5-year OCS oil and gas leasing schedule. (U.S. Department of the Interior, 1980, Five-year OCS leasing schedule approved: Washington, D.C., news release, June 18, 5 p.)

2. Lease Sale History

There have been 41 oil and gas lease sales in the Gulf of Mexico Region. The first of these sales, Lease Sale 1, occurred on October 13, 1954. From that initial sale through 1977, there were 34 oil and gas sales. In 1978 Congress enacted the Outer Continental Shelf (OCS) Lands Act Amendments. This legislation resulted in new regulations that formalized the steps in the leasing process. Since all these sales were held prior to enactment of the current regulations, documents for those sales which correspond to the leasing steps shown in figures 1 and 2 are not included in this index. Table 1 is a summary of Gulf of Mexico OCS oil and gas lease sales and proposed sales through 1985.

This index records available documents for lease sales occurring since January 1, 1978, and for lease sales proposed in the current 5-year oil and gas leasing schedule shown in figure 3. The seven sales held to date in that period are Lease Sale 45, on April 25, 1978; Lease Sale 65, on October 31, 1978; Lease Sale 51, on December 19, 1978; Lease Sale 58, on July 31, 1979; Lease Sale 58A, on November 27, 1979; Lease Sale A62, on September 30, 1980; and Lease Sale 62, on November 18, 1980. Proposed sales, for which some documents are available, include Lease Sales A66, 66, 67, 69, 72, and 74. No pre-sale documents are available yet for Lease Sales 79, 81, and 84, scheduled for 1984-5. Documents not filed as of this writing will be included in the next annual revision to the index.

A brief history of each of the lease sales held or proposed in the Gulf of Mexico Region and specifically treated in this index is presented below. Table 1 identifies the general location of sales held to date.

LEASE SALE 45 (1978)

Lease Sale 45, held on April 25, 1978, for tracts in the central and western Gulf of Mexico, was a government motion sale. Government motion sales are initiated by the Federal Government, usually bypassing several pre-sale steps in the leasing process. The purpose of the government motion sale is to assure timely and orderly development of offshore resources in well-established, highly developed OCS leasing areas such as the Gulf of Mexico.

Acreage designated for Sale 45 included drainage, development, and wildcat tracts. Drainage tracts are those that are being or could be drained of oil or gas by an adjacent lease. Development tracts are those that are located on geological structures that are known to contain oil or gas. Wildcat tracts are those that have no production on or near them and whose potential for future production is unknown.

The tract selection notice for Sale 45, released on January 21, 1977, listed 120 potential leasing tracts consisting of 238,879 hectares (582,856 acres). The draft environmental impact statement (DEIS) and the final environmental impact statement (FEIS) covering this acreage were released on April 20, 1977, and November 3, 1977, respectively. The 120 tracts designated for the sale included 69 drainage and development tracts and 51 wildcat tracts. The 51 wildcat tracts selected for inclusion in Sale 45 were covered in a previous call for nomination and comments issued for proposed Lease Sale 47.

When the notice of sale was released on March 20, 1978, 146 tracts covering 287,757

TABLE 1.—Summary of Gulf of Mexico OCS lease sales and proposed sales through 1985

Year	Sale ¹	Sale date	Sale ² type	Region ³	Tracts offered		Tracts bid on		Tracts leased	
					Number	Acres ⁴	Number	Acres ⁴	Number	Acres ⁴
1954	1	10/13	G	C	199	748,819	90	394,721	90	394,721
	2	11/09	G	W	38	111,788	19	67,148	19	67,148
1955	3	7/12	G	C&W	210	674,095	121	402,566	121	402,566
1956		No sales								
1957		No sales								
1958		No sales								
1959	5	5/26	G	E	80	458,000	23	132,480	23	132,480
	6	8/11	D	C	38	81,812	28	62,967	19	38,819
1960	7	2/24	G	C&W	385	1,610,254	173	813,663	147	704,526
1961		No sales								
1962	9	3/13	G	C	401	1,808,275	212	918,407	206	956,407
	10	3/16	G	C&W	410	1,875,984	210	977,092	205	956,592
	11	10/09	D	C	19	38,854	14	24,857	9	16,177
1963		No sales								
1964	12	4/28	D	C	28	34,027	23	32,671	23	32,671
1965		No sales								
1966	14	3/29	D	C	18	35,993	18	35,993	17	35,055
	15	10/18	D	C	52	227,898	32	134,717	24	104,717
1967	16	6/13	G	C	206	971,488	172	812,202	158	744,456
1968	18	5/21	G	W	169	728,550	141	666,630	110	541,304
	19	11/19	D	C	26	46,824	21	40,261	16	29,679
1969	19A	1/14	D	C	38	96,388	26	61,628	20	48,504
	19B	12/16	D	C	27	93,763	16	60,153	16	60,153
1970	21	7/21	D	C	34	73,359	21	50,889	19	44,642
	22	12/15	G	C	127	593,485	127	593,485	119	553,897
1971	23	11/04	D	C	18	55,872	13	42,222	11	37,222
1972	24	9/12	G	C	78	366,681	74	346,692	62	290,320
	25	12/19	G	C	132	604,029	119	548,374	116	535,874
	26	6/19	G	C&W	129	697,643	104	566,573	100	547,173
1973	32	12/20	G	E	147	817,297	89	496,916	87	485,396
	33	3/28	G	C	206	930,918	114	522,396	91	421,218
1974	34	5/29	G	W	245	1,355,678	123	680,335	102	565,112
	S1	7/30	G	C&W	258	1,298,738	49	249,703	19	100,240
	36	10/16	G	C	297	1,421,545	157	733,926	144	675,586
	37	2/04	G	W	515	2,870,344	143	796,366	113	626,585
1975	38	5/28	G	C&W	283	1,346,431	102	486,327	86	406,941
	38A	7/29	G	C&W	345	1,772,958	80	408,008	66	336,300
	41	2/18	G	C,W&E	132	687,603	41	191,717	34	161,285
1976	44	11/16	D	C&W	61	254,488	48	201,825	43	178,127

Year	Sale ¹	Sale date	Sale ² type	Region ³	Tracts offered		Tracts bid on		Tracts leased	
					Number	Acres ⁴	Number	Acres ⁴	Number	Acres ⁴
1977	47	6/23	G	C&W	223	1,074,535	152	739,326	124	605,426
1978	45	4/25		C&W	145	709,726	101	490,751	90	438,756
	65	10/31	G	E	89	511,709	35	201,294	35	201,294
	51	12/19	G	C&W	128	643,986	88	449,690	81	412,416
1979	58	7/31	G	C&W	123	577,516	88	424,029	81	391,182
	58A	11/27	G	C&W	124	588,600	96	450,913	90	421,519
1980	A62	9/30	G	C	192	909,207	147	706,042	116	551,643
	62	November	G	W	81	456,720	74	420,058	67	383,323
1981	A66	July	G	C&W	212 ⁵	1,077,855	--	--	--	--
	66	October	G	C&W	209 ⁵	1,081,552	--	--	--	--
1982	67	March	G	C&W	225 ⁵	1,170,456	--	--	--	--
	69	August	G	C&W	247 ⁵	1,287,371	--	--	--	--
1983	72	March					--	--	--	--
	74	September								
1984	79	March								
	81	July								
1985	84	January								

¹Prior to OCS Sale 33, designators (numbered designations) were not preassigned to OCS lease sales. For ease of reference, however, a designator has been assigned to each sale. OCS Sale 4, a planned Gulf of Mexico sale, was cancelled in 1956.

²G indicates general oil and gas lease sale; D indicates drainage oil and gas lease sale; GM indicates government motion oil and gas lease sale.

³C=Central; E=Eastern; W=Western.

⁴OCS lease sales are traditionally made in terms of acres. To obtain the metric equivalent (hectares), divide the acreages by 2.47.

⁵Tentative Tract Offerings.

SOURCE: Bureau of Land Management, 1979b.

hectares (711,064 acres) were offered. An additional 30 tracts covered in an environmental impact statement (EIS) for Lease Sale 47 were included. Secretary Andrus earlier deleted four tracts from those proposed for Sale 45 because geologic analysis suggested the presence of unstable bottom sediments that would not be suitable for the location of drilling structures and could result in undue environmental risks. Sale 45 resulted in bids on 101 tracts or 198,604 hectares (490,751

acres). From those bids, 90 tracts, or 177,562 hectares (438,756 acres) were leased.

The U.S. Geological Survey has made estimates of the undiscovered resources in the Sale 45 area. It could contain from 105 to 250 million barrels of oil and from 51 to 96 billion cu m (1.8 to 3.4 trillion cu ft) of gas. Of the tracts offered in Sale 45, the Survey has stated that 62 percent of the tracts are gas-prone and 38 percent are oil- and gas-prone.

Sixteen of the tracts in Sale 45 were offered under an experimental sliding-scale royalty, cash bonus bidding system in which the royalty rate would vary from the usual 16-2/3 percent to as high as 50 percent of the value of crude oil and natural gas produced. The maximum rate of 50 percent would apply when the adjusted quarterly value of production exceeds \$34.83 million.

LEASE SALE 65 (1978)

Lease Sale 65, held on October 31, 1978, consisted of tracts offered in the eastern Gulf of Mexico, off the coasts of Mississippi, Alabama, and Florida (MAFLA). Three previous sales (Sales 32, 41, and 51) had eastern Gulf of Mexico tract nominations and comments. Tracts nominated for the MAFLA area for Sale 51 were stricken from the sale, however, and a new call for nominations was issued for Sale 65 on May 22, 1977. When the call was issued, 6 companies nominated 791 tracts or 1,841,829 hectares (4,551,160 acres). Of the tracts nominated, 605 had previously been nominated for the proposed Sale 51, and 7 tracts that were nominated in Sale 51 were not renominated in the new call for nominations for Sale 65.

The call area for Sale 65 lay in water from 6 to 1,000 m (20 to 3,300 ft) deep, ranging from 5 km to nearly 322 km (approximately 3 to 200 mi) from shore. Within the call area were 6,500 whole or partial blocks, covering 14.2 million hectares (35 million acres).

Letters from 39 individuals in Florida expressed opposition to oil and gas activities in Charlotte Harbor. This resulted from a misunderstanding. Charlotte Harbor, the coastal feature, is not included in the Sale 65 call area; the Charlotte Harbor Area, an off-shore administrative unit, covers about 19,323 sq km (7,461 sq mi) offshore of the coastal area including Charlotte Harbor, the coastal feature. The closest tracts nominated for Sale 65 would be more than 101 km (63 mi) from the Charlotte Harbor shore. Similar concern about offshore activities was expressed by the Pinellas County Board of Commissioners, but the tract nearest to Pinellas County would be over 64 km (40 mi) away.

From the call for nominations, a tract list of 116 blocks totaling 270,024 hectares (667,229 acres) was selected for intensive environmental study as the subject of an environmental impact statement. These blocks lay in an area from 16 to 192 km (10 to 119 mi) from shore in the MAFLA area. The DEIS was released on January 31, 1978; the FEIS was available on June 23, 1978.

A total of 89 tracts, comprising 207,089 hectares (511,709 acres), was offered in Sale 65. High bids totaling \$61,176,730 were accepted for 35 tracts consisting of 81,463 hectares (201,295 acres). Fifteen bidders participated in the sale, submitting 62 bids on the 35 tracts. High bid for a single tract was \$8,189,900, one of six bids for Charlotte Harbor Block 114, located about 129 km (80 mi) off Florida. The bid was submitted jointly by Gulf Oil Corporation, Tenneco Oil Company, and Superior Oil Company. The sliding-scale royalty system was a prerequisite on 22 tracts offered in Sale 65; 10 of those tracts received bids. The highest sliding-scale royalty bid came from Sohio Natural Resources Company.

LEASE SALE 51 (1978)

Lease Sale 51, focusing on the central and western Gulf of Mexico, was held on December 19, 1978. The call area originally included the eastern Gulf, but blocks in that area were offered as Sale 65. The joint recommendation for Sale 51 proposed three groups of tracts in order of priority to be considered for the sale. The groups had a combined total of 140 blocks containing approximately 270,603 hectares (668,660 acres). The U.S. Geological Survey classified the blocks as generally gas-prone. Preliminary reserve estimates suggested a potential of 50 to 180 million barrels of oil and 37 to 99 billion cu m (1.3 to 3.5 trillion cu ft) of gas for blocks in the first and second priorities.

The call for nominations and comments, published in the Federal Register on February 16, 1977, identified the call area. Most of the area lay in water from 6 to 1,000 m (20 to 3,300 ft) deep, from 5 to 322 km (3 to 200 mi) from shore. Included in the call area were tracts from the Sabine Pass area, an area from

which tracts had not previously been available for leasing: it is a disputed area offshore at the boundaries of Texas and Louisiana. The call for nominations and comments resulted in 41 letters with comments: 39 from private citizens and 2 from Federal agency field offices. Most of the letters resulted from an erroneous newspaper story and the confusion over the Charlotte Harbor offshore area. Federal agency concern focused on "live-bottom" areas and the need for protective stipulations and on possible conflict between OCS operations and military activities.

Intensive environmental study of 137 tracts was the subject of the DEIS. Tracts studied in the DEIS consist of 269,480 hectares (665,905 acres) located in widely scattered areas off Texas, Louisiana, Mississippi, and Alabama as far as 185 km (115 mi) offshore. Water depth varies from 5 to 160 m (16 to 525 ft) deep. The FEIS was published on July 20, 1978. It covered 147 tracts, or 286,681 hectares (708,389 acres).

A draft notice of sale was issued on September 13, 1978. The final notice of sale was released on November 13, 1978. Both notices of sale stated that the U.S. Geological Survey estimated that the area could contain undiscovered recoverable resources of 42 to 116 billion cu m (1.5 to 4.1 trillion cu ft) of gas and 60 to 200 million barrels of oil. A cash bonus bid with sliding-scale royalty was required for about 40 percent of the tracts offered in the sale; the remaining tracts were offered using the traditional cash bonus bid with a fixed 16-2/3 percent royalty.

Lease Sale 51 consisted of 128 tracts covering 260,622 hectares (643,986 acres). Nineteen tracts off Texas and Louisiana were withdrawn prior to the sale. The 19 tracts were identified as having one or more oil or gas pools or fields underlying both the OCS and lands under the jurisdiction of the States. Deletion of the tracts offered the States the opportunity to enter into an agreement concerning the disposition of revenues from such tracts. The Department of the Interior accepted high bids totaling \$871,464,998 for 81 tracts on 168,926 hectares (417,416 acres). Tracts receiving bids numbered 88; those tracts received 288 bids. High bids totaling \$13,124,801 were rejected on 7 tracts. The

Secretary of the Interior determined those bids to be insufficient. Tenneco Oil Company submitted the highest single bid of \$93,890,000. A total of 80 companies participated in the sale.

LEASE SALE 58 (1979)

Resource reports, requesting recommendations and technical evaluation, initiated the Sale 58 leasing process. The reports were provided by Federal agencies with the expertise relevant to the conditions within the proposed leasing area.

The call area for Sale 58 initially covered 21.3 million hectares (52.7 million acres) involving 10,107 tracts in the central and western Gulf of Mexico. Tracts lay in water from 3 to 2,500 m (10 to 8,200 ft) deep, ranging from 5.6 to 314 km (3.5 to 195 mi) offshore. BLM's call for nominations and comments was published October 31, 1977.

A DEIS covering 110 tracts was published on September 19, 1978. The tracts selected for intensive environmental analysis encompass 215,743 hectares (532,885 acres). Tracts extend as far as 128 miles offshore in water from 4 to 801 m (10 to 2,600 ft) deep. The FEIS was released on February 23, 1979.

Sale 58 occurred July 31, 1979. The number of tracts offered was 123, or 233,718 hectares (577,516 acres). U.S. Geological Survey estimates of undiscovered recoverable resources for the sale tracts range from 20 to 39 billion cu m (0.70 to 1.36 trillion cu ft) of gas and 20.9 to 50.9 million barrels of oil. A total of 52 tracts were offered for lease on the basis of bonus bidding with sliding-scale royalty, and 71 tracts were offered using the typical bonus bidding with 16-2/3 percent royalty.

High bids totaling \$1,247,489,021 were accepted for 81 of the 88 tracts receiving bids. Seven high bids totaling \$13,869,067 were rejected for insufficiency of the bonus bid. A total of 316 bids were received on 88 tracts. Superior Oil Company made the highest bid, \$153,000,000. One hundred companies participated in the sale.

LEASE SALE 58A (1979)

The Secretary of the Interior removed the Blake Plateau Lease Sale 54 (South Atlantic Region) from the OCS planning schedule on April 25, 1978, and replaced it with Lease Sale 58A in the Gulf of Mexico. There was no formal call for nominations and comments for Sale 58A; the tract list was developed from tracts nominated, but not selected, in Lease Sale 58. Each company that submitted nominations for Sale 58 was contacted and invited to prepare a list of tracts and a set of first, second, and third priority nominations for Sale 58A. This process resulted in 25 nominating entities offering acceptable nominations on 1,002 blocks.

A list of 115 blocks totaling 218,298 hectares (539,414 acres) for Lease Sale 58A was made available by the U.S. Department of the Interior on May 31, 1978. Most of the tracts selected for the sale were among those nominated, but not selected, for further study in Sale 58. The tract selection area lay off the coasts of Texas and Louisiana from 6 km (4 mi) to as far seaward as 188 km (117 mi). Water depths range from 6 to 500 m (20 to 1,640 ft). On August 17, 1979, the Secretary of the Interior solicited specific comments from the affected states concerning Lease Sale 58A. Ten additional tracts were added to the sale area: 7 tracts initially offered in Sale 51 and 3 tracts initially offered in Sale 58. Environmental studies on those tracts were treated in the environmental statements prepared for those sales.

The DEIS was published on January 26, 1979; the FEIS was released on June 29, 1979. The final statement covered 122 tracts consisting of 235,900 hectares (582,500 acres).

Lease Sale 58A was held on November 27, 1979, in New Orleans. The sale was to consist of 125 tracts, or 239,667 hectares (592,216 acres), but 1 tract was deleted because of an error in the Federal Register that incorrectly described its dimensions. The U.S. Geological Survey estimated that the proposed leasing area might contain, on the average,

about 50 million barrels of oil and 19.4 billion cu m (684.7 billion cu ft) of gas.

LEASE SALE A62 (1980)

Lease Sales A62 and 62 began the leasing process as a single sale--Lease Sale 62. They share a history up to the tract selection step of the leasing process (Step 3). At tract selection, Sale 62 tracts were split into two separate sales. Sale A62 was held on September 30, 1980, and Sale 62 was held on November 17, 1980.

A request for resource reports from pertinent Federal departments and agencies was made on May 17, 1978. Resource reports produced no adverse reactions concerning Sale 62 (A62).

The call for nominations and comments for Sale 62 (A62) occurred on September 13, 1978. The call area included the central and western Gulf of Mexico. Nominations were submitted by 33 companies on 1,356 blocks totaling approximately 2.8 million hectares (7.0 million acres). Blocks receiving nominations extended as far as 127 miles from shore; the farthest from shore was Garden Banks, Block 456. Blocks in water depths up to 305 m (1,000 ft) were nominated; Mississippi Canyon Block 504 was in the deepest water. Of the 1,356 blocks nominated, 596 were classified by industry as first priority, 685 were assigned lower priorities, and 75 were unclassified. About 90 percent of blocks received single nominations. The number of block nominations by a single nominating entity ranged from 1 to 251.

The BLM and USGS field offices could not reach a unanimous agreement on tract selection recommendations for Lease Sale 62 (A62). The U.S. Geological Survey recommended a single sale of blocks totaling nearly 252,325 hectares (623,496 acres). The Bureau of Land Management agreed with the Survey on the offering of those blocks but did not agree with the size of the offering if the Secretary of the Interior should decide in

favor of a single sale from the nominations in hand. In the case of a single sale, the Bureau of Land Management recommended the inclusion of an additional 26 blocks of approximately 55,813 hectares (137,913 acres).

The tract selection list, issued on March 5, 1979, consisted of 296 tracts covering 612,221 hectares (1,512,797 acres). The tracts were being considered for two possible Gulf of Mexico OCS lease sales. At the same time, the Department of the Interior published in the Federal Register an invitation for industry and other interested parties to submit indications of interest and comments on the Destin Dome subsea geologic formation off Florida. The area for comments and indications of interest involved 37 tracts comprising 86,248 hectares (213,120 acres) and located about 61 km (38 mi) from the coast. The area was not previously considered for OCS lease sale because of possible conflicts with a military testing area. The Department of the Interior intended to conduct an environmental study of the area concurrently with a Department of Defense feasibility study for altering weapons testing in the area. The objective of these actions was the possible inclusion of the Destin Dome in Lease Sale A62 (62).

On April 30, 1979, the Department of the Interior announced the tracts undergoing environmental study would be separated into two sales: Lease Sale A62, in September 1980; and Lease Sale 62, in November 1980.

Tracts selected for Sale A62 included 221 tracts off Louisiana and off Florida in the Destin Dome area. These tracts comprised approximately 442,760 hectares (1,094,057 acres) and ranged from 5 to 171 km (3 to 106 mi) offshore in water from 4 to 700 m (12 to 2,170 ft) deep.

The DEIS covering both sales was published September 28, 1979. Tracts for Sale A62 studied in the DEIS for Sale A62 are those mentioned in the preceding paragraph. The joint FEIS for Sales A62 and 62 was published January 15, 1980.

A total of 192 tracts covering 367,951 hectares (909,207 acres) was offered in Lease Sale A62. Prior to the sale, the Department of the Interior withdrew 37 blocks in the Destin Dome area from further consideration. Industry bid on 147 of the 192 tracts offered; the Department of the Interior accepted high bids totaling \$2,676,927,673 for 116 tracts comprising 62,484 hectares (154,399 acres). This was the highest earnings of any lease sale in the 26 years since OCS leasing had begun. (The previous high was 2.1 billion in the March 1974 Gulf of Mexico sale (Sale 33).) High bids totaling \$128,596,719 on 31 tracts were rejected for insufficiency. The highest accepted bid for a single tract was \$164,770,000, submitted jointly by Superior Oil Company, Pennzoil Company, and Sohio Petroleum Company. Participants in the bidding numbered 88 companies.

Lease Sale A62 marked the first time that the Federal Government used a fixed net profit share bidding system in offering OCS tracts for lease. The use of the system was a further implementation of the OCS Lands Act Amendments, and it satisfied a primary intent of Congress that experimentation with various alternative bidding systems be conducted. Forty tracts were offered using a cash bonus bid with a fixed net profit share rate of 50 percent and a 1.25 capital recovery factor.

Conventional bidding systems were used for the remaining tracts offered in the sale. A cash bonus with a sliding-scale royalty formula, which is a slight modification of the sliding-scale system used in previous sales, was applied to 59 tracts. A cash bonus bid with a 33-1/3 percent fixed royalty was applied to 22 tracts. The remaining 71 tracts were offered on the basis of a cash bonus with a fixed royalty of 16-2/3 percent, the bidding system most often used in OCS oil and gas lease sales.

LEASE SALE 62 (1980)

Prior to tract selection, Lease Sale 62 and Lease Sale A62 were treated as a single

OCS sale. For details of Lease Sale 62 history preceding tract selection, see the discussion under the heading for Sale A62. Comments in this section will focus on Lease Sale 62, beginning with tract selection.

Tracts selected for Sale 62 consist of 74 tracts off Texas. They cover approximately 169,458 hectares (418,730 acres) from 18 to 159 km (11 to 99 mi) offshore in water ranging from 10 to 470 m (30 to 1,460 ft) deep.

Joint pre-sale draft and final environmental impact statements were completed for Lease Sales A62 and 62. The Sale 62 portions of the pre-sale environmental studies consisted of the 74 tracts off Texas, discussed above. The draft and final environmental impact statements were published September 28, 1979, and January 15, 1980, respectively.

Lease Sale 62, the forty-first OCS oil and gas lease sale in the Gulf of Mexico, occurred on November 18, 1980. When the sale was conducted, 81 tracts in the western Gulf of Mexico off Texas, covering 184,324 hectares (455,465 acres), were offered. Bids were received on 74 tracts, representing 169,955 hectares (420,058 acres), and 67 tracts were leased, covering 155,129 hectares (383,323 acres).

Sale 62 featured tracts offered under four separate bidding systems. There were 22 tracts for lease under the new fixed net profit sharing system established by Department of Energy (DOE) regulations issued May 14, 1980. Another 10 tracts were offered under cash bonus bidding with sliding-scale royalty, 38 tracts on the basis of cash bonus bidding and 16-2/3 percent royalty, and 11 tracts with cash bonus bidding and 33-1/3 percent royalty.

Two tracts offered with the 33-1/3 percent royalty system are located near the Flower Garden Banks in the area of a marine sanctuary proposed by the National Oceanic and Atmospheric Administration (NOAA). The Bureau of Land Management included a new and more restrictive environmental stipulation in the proposed notice of sale for those tracts. The stipulation expanded slightly the area where no activity is permitted and where monitoring of operations is required.

LEASE SALES A66 and 66 (1981)

The administrative steps in the pre-leasing process for both Sale A66 and Sale 66 are being handled simultaneously. Lease Sales A66 and 66 are scheduled for July 1981 and October 1981, respectively. For convenience, their sale histories will be treated simultaneously.

The call area for Sales A66 and 66 included in the call for nominations and comments is the entire Gulf of Mexico, from Texas to Florida and north of 26 degrees north latitude. The call area includes about 24,450 blocks, or 54.4 million hectares (134.4 million acres), except for approximately 1,782 blocks, or 3.3 million hectares (8.1 million acres) currently under lease. The call for nominations and comments resulted in nominations of 1,593 blocks on 3.5 million hectares (8.6 million acres) by 27 companies. Single nominations were made on 1,384 blocks, and multiple nominations were made on 209 blocks. Blocks ranged from 5 to 217 km (3 to 135 mi) from shore in water depths from 10 to 1,200 m (33 to 3,937 ft). Fifty-one of the blocks were in water greater than 200 m (656 ft) deep. Industry assigned first priority to 439 blocks. No nominations for blocks were made in the Destin Dome Area or the Flower Garden Banks.

The call for nominations and comments resulted in several letters from State and Federal agencies. Murice O. Rinkel, the State of Florida OCS representative, expressed concern that habitat and geohazards studies be complete in the Destin Dome and Fort Myers areas before the preliminary notice of sale. The Environmental Confederation of South West Florida demonstrated concern about the adequacy of current technology to deal with oil spills; the Confederation recommended that the sale area be withdrawn from leasing consideration until technology is further developed. The Texas Coastal and Marine Council was interested in issues ranging from pipeline placement to leasing in proximity to Padre Island National Park. The Southern Mississippi Planning and Development District listed infringement upon territory and inland waters in the Mississippi Sound area and requested that careful consideration and area-

specific studies be made before future activities are undertaken. The Mississippi Department of Justice, Office of the Attorney General, expressed a similar concern. The U.S. Department of Commerce, National Oceanic and Atmospheric Administration, Office of Coastal Zone Management recommended that tracts adjacent to the Flower Garden Banks be deleted from further consideration, pending completion of the final EIS on the proposed marine sanctuary.

The joint recommendation from the BLM and USGS field offices recommended a list of 392 tracts comprising 812,483 hectares (2,007,645 acres) for the proposed Lease Sales A66 and 66. The field offices also recommended a split of the two sales along the South Marsh Island--Eugene Island offshore administrative area with the Texas-Louisiana portion to be included in proposed Sale A66 and the remaining Louisiana and eastern Gulf of Mexico portion to be included in proposed Sale 66. The division approximates an equal distribution of acreage between the two sales.

Tract selections for Sales A66 and 66 were announced on November 1, 1979. A total of 385 tracts on 801,212 hectares (1,979,794 acres) was selected for intensive environmental study. Tracts for Lease Sale A66 consisted of 214 tracts on 440,864 hectares (1,089,375 acres) in the proposed sale notice. Lease Sale 66 was made up of 211 tracts on 442,361 hectares (1,093,073 acres). The DEIS was issued on July 24, 1980, and the FEIS was issued on September 24, 1980.

Tracts selected for study include 90 tracts located 56 miles off the western coast of south Florida (Charlotte Harbor area). Twenty-six blocks in this area were leased in Sale 65 in October 1978. The tract selection also includes 30 tracts within 5 km (3 mi) of the boundary of either Texas or Louisiana and thus makes them subject to the revenue distribution provisions of section 8(g) of the OCS Lands Act. No tracts in the Destin Dome or Florida Middle Ground areas were selected. Two tracts near the East and West Flower Garden Banks were added to the FEIS. However, they have since been deleted from Sale A66. Four tracts in the deeper Green Canyon area of the central Gulf were selected. A

total of 15 tracts selected are in water depths of 200 m (660 ft) or greater.

The DEIS for Sales A66 and 66 was released on July 24, 1980. With minor changes, the tracts studied in the environmental statement are the same as those identified at tract selection. The U.S. Geological Survey has estimated that there may be 14.4 million barrels of oil and 15.6 billion cu m (550.5 billion cu ft) of natural gas in the tracts studied for OCS Sale A66 in the western Gulf, and 50.3 million barrels of oil and 16.1 billion cu m (569.1 billion cu ft) of gas in tracts for OCS Sale 66 in the central and eastern Gulf.

Thirty-eight additional tracts rejected in Lease Sales A62 and 62 for insufficiency of bid were added to proposed Sale A66. The tracts were included for study in the FEIS after it was issued on December 24, 1980. The two tracts in the Flower Garden Banks area were deleted from Sale A66.

LEASE SALES 67 and 69 (1982)

The administrative procedures in the pre-lease-sale process for proposed Lease Sales 67 and 69 are being handled concurrently. Lease Sales 67 and 69 are scheduled for March 1982 and August 1982, respectively. History for the two sales is treated concurrently in this section.

Although the current 5-year OCS leasing schedule prescribes separate dates for issuance of the call for nominations and comments, the decision to publish the call for Sales 67 and 69 at the same time (January 23, 1980) was made to save time and expense. The call area contains 24,450 blocks covering 54.4 million hectares (134.4 million acres) in water ranging from 3 to 3,200 m (10 to 10,500 ft) deep. Blocks lie from 5 to 338 km (3 to 210 mi) offshore. The area includes the entire Gulf of Mexico from Florida to Texas.

A supplemental call for nominations and comments on Lease Sales 67 and 69 was made on February 8, 1980, in which the Bureau of Land Management asked industry to identify specific areas that it wishes to see offered in tracts larger than the 2,331-hectare (5,760-acre) units customary in OCS sales. The OCS

Lands Act Amendments of 1978 provide for the leasing of larger areas in order to comprise a reasonable economic unit. The Bureau of Land Management also requested general comments about the problems and opportunities of this new leasing technique. The Department of the Interior noted that exploration and development costs are significantly greater in deeper water and indicated that what may be economical or efficient may vary with depth. The Department requested that nominations and comments be directed only at those areas with more than 200-m (656-ft) water depths.

There were only two responses from Federal and State agencies to the call for comments. The U.S. Department of Commerce, National Oceanic and Atmospheric Administration, Office of Coastal Zone Management recommended deleting blocks adjacent to the Flower Garden Banks area, which is being considered for designation as a marine sanctuary. The Office of Coastal Zone Management felt that the leasing of blocks in the area should be delayed until sanctuary status is resolved. The Department of Defense, Office of the Assistant Secretary expressed concern about potential major conflicts between Navy flight testing in the Gulf test range and OCS operations.

In response to the call for nominations and comments, 32 companies nominated 2,059 blocks covering 4.5 million hectares (11.2 million acres). The nominated area lies as far as 241 km (150 mi) offshore in waters from 10 to 3,000 m (32 to 9,800 ft) deep. The area for the two proposed sales is Gulf-wide.

Resource reports have been filed with the field office of BLM. Among those reports, the Heritage Conservation and Recreation Service (HCRS) advised strict compliance with historic preservation laws pertaining to the continental United States that require professional archeological clearances prior to OCS operations. The Environmental Protection Agency recommended that no further tracts be offered in the vicinity of the Flower Garden Banks. NOAA's Office of Coastal Zone Management provided information on the status of marine and estuarine sanctuaries by

discussing size, special features, and location. Of the 4 hectares (10 acres) identified, only the Flower Garden Banks, the Florida Middle Grounds, and Buccaneer Field fall completely within the OCS; the Big Bend Seagrass Beds proposal encroaches on the OCS.

The joint field recommendation for proposed Lease Sales 67 and 69 submitted a mutually agreed-upon list of 418 blocks totaling 871,712 hectares (2,154,000 acres). The New Orleans BLM OCS Office recommended an additional 172 blocks of approximately 385,219 hectares (951,875 acres), which were not part of the USGS recommendation. Both field offices recommended a geographical mix of blocks across the Gulf of Mexico for the two proposed sales. The sale division will approximate an equal distribution in acreage between the two sales and will avoid splitting geologic structures.

The selection of tracts for intensive environmental study was made June 4, 1980. BLM selected 475 tracts comprising 992,896 hectares (2,453,445 acres). Tract selection included 137 blocks about 97 km (60 mi) offshore in the Charlotte Harbor area of Florida, which substantially increases the potential activity in this relatively new area. Another 68 tracts were selected in water deeper than 300 m (984 ft). Four of those blocks reach water depths of 2,400 m (7,872 ft) and are located in the Green Canyon area. Deepwater tracts are distributed with 4 in Viosca Knoll, 6 in Mississippi Canyon, 21 in Green Canyon, 19 in Garden Banks, 8 in East Breaks, 5 in Corpus Christi, and 5 in Port Isabel. Eighteen blocks are located in the nearshore area of Mobile Bay, off Alabama and Mississippi. The jurisdiction of the Federal Government in this area is disputed.

A portion of the deepwater tracts will be studied by the Bureau of Land Management and the U.S. Geological Survey to determine whether a lease term longer than the normal 5-year period and whether a lease unit larger than the traditional size of 2,331 hectares (5,760 acres) should be considered because of the special capital and technology requirements for exploration and development in those areas.

At present, pre-leasing activities have not been completed for administrative steps beyond tract selection. Information for the remaining steps will be covered in the next annual revision of this index.

LEASE SALES 72 and 74 (1983)

Lease Sales 72 and 74, scheduled for March 1983 and September 1983, respectively, are in the early stages of the leasing process. Few administrative steps have been completed to date. This discussion will address those early steps, and the next annual revision of the index will provide details on steps yet to be completed.

The request for resource reports from State and Federal agencies was made on August 11, 1980; responses to the request were due on November 1, 1980. The following discussion is a summary of significant concerns from the resource reports submitted. The Department of the Army, Office of the Chief of Engineers, advised that Department of the Army permits are required for any structure construction in or over navigable waters. The Department of the Treasury supported making tracts available for exploration in order to alleviate reliance on foreign imports and to improve the U.S. balance of payments. The Department of Energy suggested issues that might be addressed in an EIS. The Marine Mammal Commission noted that 27 species of marine mammals inhabit or migrate through the Gulf of Mexico, and that information on the effects of OCS operations on marine mammals is available. The commission also recommended that Tampa/Port Manatee be considered as the support base for OCS operations in that area to avoid adverse impacts on the West Indian Manatee. Tourism and sport fishing were discussed by the State of Florida, Office of the Governor as major industries that should be considered carefully in evaluating OCS development. Other resources to be considered include historical/cultural resources (shipwrecks), sea grasses,

mangroves (food source and habitat for marine life), and coral reefs and live-bottom areas. Florida also suggested possible landfall sites if pipelines are necessary. The U.S. Department of Defense discussed Navy training and readiness operations and the need to be informed of tract selection so that joint usage agreements can be negotiated where necessary. Eglin Air Force Base will be affected by the selection of certain tracts, and leases will require stipulations as in past sales. The Department of the Interior, Fish and Wildlife Service, cited the need for coordination with the Bureau of Land Management regarding endangered species; it also proposed a study: "Biological Sensitivity of Coastal Resources in Support of Oil Spill Risk Analysis: Southwest Florida." And the State of Alabama, Alabama Historical Commission, suggested the need for a literature search and magnetometer survey to locate known shipwrecks before OCS areas are proposed for drilling activities.

On August 22, 1980, the New Orleans BLM OCS Office announced that an expanded offshore area southwest of Florida would be included in the forthcoming call for nominations and comments for the two 1983 sales in the Gulf of Mexico. The area would include 4 million hectares (10 million acres) (about 1,700 blocks) in the areas known as Pulley Ridge and Howell Hook. Both are immediately south of 26 degrees north latitude. The area has not been included in recent calls for nomination and comments in the Gulf, but it has become increasingly attractive geologically as a result of continuing exploration for and discovery of oil and gas in the Gulf. The additional acreage would extend the call area to approximately 58 million hectares (144 million acres). The call for nominations and comments for OCS Lease Sales 72 and 74 is scheduled for January 1981.

The administrative steps for Lease Sales 79 and 81, scheduled for 1984, and for Lease Sale 84, scheduled for 1985, have not begun. Information concerning those sales will be presented in a future edition of this index.

3. Lease Sale Process

SALE-SPECIFIC DOCUMENTS AND DATA

This chapter lists documents and information relevant to each of the seven oil and gas lease sales held for the Gulf of Mexico OCS between January 1978 and November 1980. Existing pre-sale documents are also listed for the next six sales scheduled to be held in the Region, between November 1980 and September 1983. Three additional sales are scheduled during 1984 and 1985 on the current 5-year leasing schedule; however, the leasing process for these sales has not been started, and no pre-sale documents are available.

All the documents included in this chapter conform to the regulation promulgated by the OCS Lands Act Amendments of 1978.

It should be noted that only responses from Federal, State, and local government 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 they 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 the 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 general areas. Resource reports are also used to assist the Bureau of Land Management in determining additional information needs. 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 45 (1978)

Lease Sale 45 was a government motion sale and therefore did not require a request for resource reports.

LEASE SALE 65 (1978)

Resource reports for Lease Sale 65 in the eastern Gulf of Mexico were requested from Federal and State agencies on May 23, 1977. Twelve reports were received. Three of the 11 Federal agencies responding supported the sale. Four other Federal agencies referred to data sent previously to the Bureau of Land Management for lease sales in the same vicinity as Sale 65. The National Park Service and the Bureau of Outdoor Recreation identified recreation areas, areas of sensitive coastal resources, and areas eligible for recognition as national landmarks, all of which are susceptible to adverse impacts because of oil spills. The Bureau of Mines provided data pertaining to the volume of oil and gas imports received in the Gulf of Mexico Region. The Mississippi Marine Resource Council provided data on commercial fisheries and marine resources in the lease sale area. The Department of Defense (DOD) expressed concern with conflicts between OCS operations and DOD activities in the lease sale area.

Resource Reports

Department of Defense, 2 p. and 1 p. attachment.	5/19/77
Department of the Treasury, 2 p.	5/31/77

Environmental Protection Agency, 1 p. and 3 p. attachments.	6/2/77
Bureau of Mines, 1 p.	6/13/77
Federal Energy Administration, 1 p.	6/14/77
Bureau of Outdoor Recreation, 1 p.	6/22/77
Federal Power Commission, 5 p.	6/24/77
Department of Transportation, 1 p.	7/11/77
Mississippi Marine Resources Council, 1 p. and attachments.	7/17/77
Fish and Wildlife Service, 2 p.	7/20/77
National Oceanic and Atmospheric Administration, 1 p. and 5 p. attachments.	7/29/77
National Park Service, Southeast Regional Office, 1 p. and attachments.	8/8/77

Availability: BLM.

LEASE SALE 51 (1978)

Resource reports for Lease Sale 51 were requested on December 16, 1976. Thirteen reports were received from 11 Federal agencies. Four agencies supported the sale and did not have comments regarding resources associated with the lease sale area. The Bureau of Outdoor Recreation (BOR) and the National Park Service listed areas under their respective jurisdictions that could be adversely affected by oil spills. The BOR field office provided projections for beach recreation participation and demand in Mississippi, Alabama, and Florida. The Environmental Protection Agency expressed concern with the potential impact on coral reefs off Florida and listed other areas having recreation or wildlife resources susceptible to oil spills. The Department of Transportation provided data on airspace, shipping density, vessel separation lanes, and oil spill technology relevant to the lease sale area. The National Oceanic and Atmospheric Administration provided resource information on commercial fisheries and suggested that special measures be used during

drilling operations to minimize impact to marine resources in the Gulf. The Department of Defense expressed concern with conflicts between DOD activities and OCS operations in the eastern Gulf of Mexico. The U.S. Geological Survey provided a summary report on the geology and potential mineral resources in the lease sale area.

Resource Reports

Department of the Treasury, 1 p.	1/5/77
Federal Energy Administration, 2 p.	1/13/77
Federal Power Commission, 3 p.	1/17/77
Bureau of Mines, 2 p.	2/8/77
Department of Transportation, 2 p. and 6 p. attachments.	2/28/77
Bureau of Outdoor Recreation, Southeast Region, 2 p. and 1 p. attachment.	3/2/77
National Park Service, Southeast Regional Office, 3 p.	3/7/77
U.S. Geological Survey, 15 p.	3/10/77
Bureau of Outdoor Recreation, 1 p. and 21 p. attachments.	3/17/77
Environmental Protection Agency, 3 p. and attachments.	3/22/77
National Oceanic and Atmospheric Administration, 2 p. and 12 p. attachments.	4/21/77
Office of the Assistant Secretary, Department of Defense, 2 p. and 1 p. attachment.	5/19/77
National Oceanic and Atmospheric Administration, 1 p.	6/9/77
Availability: BLM.	

LEASE SALE 58 (1979)

Resource reports for the Lease Sale 58 area were requested on August 29, 1977. Sixteen Federal agencies responded to the request. Seven agencies supported the sale and had no conflicts with the proposed sale and

their respective missions. Three agencies referred to either forthcoming information or additional contacts for providing resource information. The Environmental Protection Agency supplied data on pollution emissions for petroleum activities, oil spill cleanup technology, toxic effects of drilling muds, locations of EPA-approved ocean dumping sites, and resource areas that could be harmed by OCS operations. The U.S. Army Corps of Engineers requested that safety fairways be established in lease sale areas. The Federal Aviation Administration noted the potential conflicts between air traffic to drilling rigs and low-altitude military training aircraft. The U.S. Coast Guard provided data on vessel separation lanes, ocean dumping areas, spill cleanup technology, projected spill trajectories, and recreational boating use. The National Oceanic and Atmospheric Administration provided data on marine resources and made specific recommendations, including protective stipulations, to minimize adverse impacts to these resources. The U.S. Geological Survey provided a summary report on the geology and potential mineral resources in the lease sale area.

Resource Reports

Federal Aviation Administration, 2 p. and attachment.	9/26/77
U.S. Army Corps of Engineers, New Orleans District.	10/7/77
Environmental Protection Agency, 4 p.	10/31/77
Department of Defense, 1 p.	11/7/77
U.S. Geological Survey, 12 p.	11/9/77
U.S. Coast Guard, 2 p. and attachments.	11/10/77
National Oceanic and Atmospheric Administration, 7 p. and 40 p. attachments.	11/18/77
Bureau of Mines.	n.a.
Bureau of Outdoor Recrea- tion.	n.a.
National Park Service.	n.a.

Resource Reports (Continued)

Department of the Treasury.	n.a.
Federal Energy Administration.	n.a.
Nuclear Regulatory Commission.	n.a.
Department of Energy.	n.a.
Federal Energy Regulatory Commission.	n.a.
Fish and Wildlife Service.	n.a.

Availability: BLM.

n.a. = Data not available.

LEASE SALE 58A (1979)

Resource reports were requested from Federal and State agencies for both Lease Sales 58A and 62 on May 17, 1978. Both sales were Gulf-wide, with sale dates scheduled approximately 8 months apart. Twelve reports that referred to the Lease Sale 58A area were received. Four agencies supported the sale and supplied data on energy resources in the area. The Environmental Protection Agency outlined its responsibilities according to new regulations for enforcing the Clean Water Act. The National Park Service (NPS) stated that it had set an arbitrary unit of 29 km (18 mi) from park boundary to lease tract as a protection zone against pollution. The Gulf Islands National Seashore was the only area under NPS jurisdiction that might be affected by OCS operations. The Heritage Conservation and Recreation Service provided estimates of recreation use in the Gulf coastal region and outlined provisions required to protect archeological resources in the region. The Bureau of Mines provided data on mineral and geothermal resources and the presence of salt domes in the lease sale area. The National Oceanic and Atmospheric Administration discussed sites proposed for designation as marine sanctuaries, including the Flower Garden Banks off Florida. The Fish and Wildlife Service and the Department of Defense stated they would provide more specific data as the lease sale process continued. The U.S. Coast Guard provided data on shipping density, vessel separation lanes,

safety, ocean dumping areas, spill cleanup technology, projected spill trajectories, and recreational boating in the Lease Sale 58A area.

Resource Reports

Nuclear Regulatory Commission, 1 p.	6/5/78
Environmental Protection Agency, 2 p.	6/23/78
National Park Service, Southeast Regional Office, 2 p. and attachment.	6/27/78
Heritage Conservation and Recreation Service, 2 p.	6/29/78
Department of the Treasury, 1 p.	6/30/78
Department of Energy, 3 p.	7/7/78
Bureau of Mines, 2 p.	7/8/78
National Oceanic and Atmospheric Administration, 2 p. and attachments.	7/8/78
Fish and Wildlife Service, 1 p.	7/10/78
Office of the Assistant Secretary, Department of Defense, 2 p.	7/11/78
Federal Energy Regulatory Commission, 3 p.	7/19/78
U.S. Coast Guard, 3 p.	8/17/78
Availability: BLM.	

LEASE SALE 62 (1980)

Resource reports were requested for Lease Sale 62, together with Sale 58A, on May 17, 1978. Fourteen reports were received from Federal agencies and one from a State agency. Eight of the Federal agency resource reports pertained to both lease sales and were discussed in the description of step 1 for Lease Sale 58A. New data pertaining to resources in the Lease Sale 62 area were supplied by the U.S. Army Corps of Engineers, the Bureau of Mines, and the U.S. Geological Survey. The remaining three Federal agencies either referred to comments sent for Lease Sale 58 or reiterated information supplied previously.

The U.S. Army Corps of Engineers provided information on shipping safety fairways, dredging operations, and permit requirements in the Gulf. The Bureau of Mines supplied data on mineral resources, offshore salt domes, and geothermal resources in the lease sale area. The U.S. Geological Survey provided a summary report on the geology and potential mineral resources of the Lease Sale 62 area. The only State agency responding, the Texas Antiquities Committee, listed coastal counties in Texas with pre-twentieth-century shipwrecks.

Resource Reports

Texas Antiquities Committee, 1 p. and 1 p. attachment.	5/24/78
Nuclear Regulatory Commission, 1 p.	6/5/78
Environmental Protection Agency, 2 p. and attachments.	6/16/78
U.S. Army Corps of Engineers, 2 p. and attachment.	6/22/78
Bureau of Mines, 2 p.	6/27/78
National Park Service, Southeast Regional Office, 1 p. and attachment.	6/27/78
Heritage Conservation and Recrea- tion Service, 2 p.	6/29/78
Department of the Treasury, 1 p.	6/30/78
Office of Ocean Management, National Oceanic and Atmospheric Administration, 2 p. and attachments.	6/30/78
Department of Energy, 3 p.	7/7/78
Fish and Wildlife Service, 1 p.	7/10/78
Office of the Assistant Secretary, Department of Defense, 2 p.	7/11/78
Federal Energy Regulatory Com- mission, 3 p.	7/14/78
U.S. Geological Survey, 1 p. and 14 p. attachments.	7/21/78
U.S. Coast Guard, 3 p. and 7 p. attachments.	8/10/78

Availability: BLM.

LEASE SALE A62 (1980)

Lease Sale A62 was designated as a separate sale during the tract selection process for Sale 62. The Department of the Interior announced the division of Sale 62 into two OCS sales on March 5, 1974. However, this additional sale was not designated as Lease Sale A62 until April 30, 1979. Resource reports sent for Sale 62, therefore, apply to different tracts leased in the same area and proposed for lease in Sale A62. These reports were listed and summarized in the previous description of step 1 for Sale 62.

LEASE SALES A66 and 66 (1981)

Resource reports were requested simultaneously for both Lease Sales A66 and 66 on June 28, 1979. Ten Federal agencies responded. The Bureau of Mines, the Department of the Treasury, and the Nuclear Regulatory Commission supported the sales and either referred to or reiterated comments made for previous sales in the Gulf of Mexico. The U.S. Geological Survey provided a summary report on the geologic framework, potential geologic hazards, and petroleum geology of the two lease sale areas in the Gulf of Mexico. The U.S. Army Corps of Engineers provided data on its dredging activities in the lease sale areas. The Heritage Conservation and Recreation Service sent comments on proposed stipulations for cultural resource surveys and noted a coastal area in Texas recommended for status as a National Natural Landmark. The Fish and Wildlife Service stated the need for protective stipulations where sensitive and unique offshore features are involved. The report from the Department of Transportation included data on shipping fairways, vessel safety regulations, oil spill cleanup capabilities, recreational boating statistics, and navigational and search programs. The National Oceanic and Atmospheric Administration sent data on areas recommended for designation as marine sanctuaries, a description of marine resources and potential use conflicts with fisheries activities, and an update of oceanographic data for the Gulf of Mexico. The Department of Defense confirmed its earlier agreement with the Bureau of Land Management that 33 tracts in Sale A66 will require

stipulations regarding joint usage, and that tracts will not be offered in an area of the Gulf used for military training purposes.

Resource Reports

Department of the Treasury, 1 p.	7/18/79
Nuclear Regulatory Commission, 1 p.	7/25/79
U.S. Geological Survey.	8/2/79
U.S. Army Corps of Engineers, New Orleans District, 2 p.	8/17/79
Heritage Conservation and Recreation Service, 2 p.	8/30/79
Fish and Wildlife Service, 1 p.	9/5/79
Bureau of Mines, 1 p.	9/27/79
Department of Transportation, 4 p. and attachment.	10/29/79
Office of Coastal Zone Management, National Oceanic and Atmospheric Administration.	11/6/79
Department of Defense.	12/20/79
Availability: BLM.	

LEASE SALES 67 and 69 (1982)

Resource reports for Lease Sales 67 and 69 were requested from Federal and State agencies on September 28, 1979. Eleven Federal agencies and two State agencies responded to the request. Both State agencies and eight of the Federal agencies referred to data sent previously to the Bureau of Land Management for Lease Sales A66 and 66. NOAA's Office of Coastal Zone Management provided updated information dealing with marine resources and the status of areas proposed for designation as marine sanctuaries in the Gulf of Mexico. The Environmental Protection Agency recommended that no further tracts be offered in vicinity of the Flower Garden Banks. The Fish and Wildlife Service referred to reports that could prove

useful to the Bureau of Land Management in the EIS stage of the leasing process. These reports contained information on coastal resources, endangered species, environmental implications of alternative energy sources, impacts of OCS oil and gas operations, and the locations of areas acquired recently for wildlife refuges. The U.S. Geological Survey provided a summary report on the geology, petroleum potential, and potential geologic hazards of the two proposed sale areas in the Gulf of Mexico.

Resource Reports

Heritage Conservation and Recreation Service, South Central Region, 1 p. and 2 p. attachments.	10/10/79
U.S. Army Corps of Engineers, New Orleans District, 1 p.	10/15/79
Nuclear Regulatory Commission, 1 p. and 6 p. attachments.	10/22/79
U.S. Geological Survey, Gulf of Mexico Region, 1 p. and 16 p. attachments.	10/23/79
Alabama Historical Commission, 1 p.	10/29/79
Heritage Conservation and Recreation Service, 2 p. and 6 p. attachments.	11/29/79
Bureau of Mines, 1 p. and 2 p. attachments.	12/3/79
Environmental Protection Agency, 1 p.	12/3/79
U.S. Coast Guard, 1 p.	12/6/79
Office of Coastal Zone Management, National Oceanic and Atmospheric Administration, 1 p. and 12 p. attachments.	12/7/79
Fish and Wildlife Service, 12 p.	1/14/80
Office of the Assistant Secretary, Department of Defense, 1 p.	2/8/80

National Marine Fisheries Service, National Oceanic and Atmospheric Administration, 1 p. 3/17/80

Texas Antiquities Committee, 1 p. n.a.

Availability: BLM.

n.a. = Data not available.

LEASE SALES 72 and 74 (1983)

Resource reports for Lease Sales 72 and 74 were requested on August 11, 1980. Fifteen Federal and State agencies responded to the request. Four agencies supported the sale and had no conflicts with OCS oil and gas operations in the proposed lease sale areas. The two reports from the Department of the Army furnished information on ocean dumping sites and permit requirements required by the Army. The U.S. Coast Guard provided information regarding its responsibilities under the National Oil and Hazardous Substances Pollution Contingency Plan. The two reports from the Assistant Secretary of Defense outlined requirements to avoid potential conflicts between OCS operations and military training flights in the eastern Gulf of Mexico. The State of Florida listed resources currently existing in the coastal areas of Florida and in offshore waters adjacent to the State that could be affected by OCS development. The Alabama Historical Commission requested surveys of known shipwrecks be conducted to avoid impacts to these cultural resources. The Department of Energy provided estimates of undiscovered recoverable resources of oil and gas in the eastern Gulf and suggested issues that should be addressed in the environmental impact statement for the two sales. The National Oceanic and Atmospheric Administration provided data on proposed marine and estuarine sanctuary sites in the Gulf and enclosed an oil spill planning guide and documents on brine disposal in the Gulf of Mexico. The Fish and Wildlife Service and the Marine Mammal Commission sent information on endangered species and other wildlife resources that could be adversely affected by OCS de-

velopment. The Environmental Protection Agency provided information on EPA-sponsored programs affecting oil and gas exploration and development, such as NPDES ocean discharge requirements, the National Oil and Hazardous Substances Pollution Contingency Plan, and Clean Air Act implementing regulations. The U.S. Geological Survey provided a resource report on requirements regarding air emissions from OCS operations, the best available and safest technologies for drilling and production, platform design acceptability, and oil spill contingency plans. The U.S. Geological Survey also provided information to be used in preparing the draft environmental impact statement for the proposed lease sales.

Resource Reports

Bureau of Mines.	8/18/80
Alabama Historical Commission, 2 p. and attachment.	8/26/80
Office of the Chief of Engineers, Department of the Army, 1 p.	8/29/80
Department of the Treasury, 1 p.	9/29/80
Nuclear Regulatory Commission, 1 p.	10/1/80
Fish and Wildlife Service, 1 p. and attachment.	10/8/80
Office of the Assistant Secretary, Department of Defense, 2 p. and attachment.	10/20/80
Office of the Assistant Secretary, Department of Defense, 1 p. and attachment.	10/22/80
Mississippi Department of Wildlife Conservation, Bureau of Marine Resources.	10/29/80
Department of Energy, 2 p.	10/31/80
Florida Office of the Governor, 7 p.	10/31/80
Office of Coastal Zone Management, National Oceanic and Atmospheric Administration, 1 p. and attachments.	11/3/80

Comments (Continued)

U.S. Geological Survey, 1 p. and attachments.	11/3/80
U.S. Coast Guard, 1 p. and attachment.	11/6/80
Marine Mammal Commission, 5 p. and attachments.	11/7/80
U.S. Army Corps of Engineers, Mobile District, 1 p.	11/7/80
Environmental Protection Agency, 5 p.	11/17/80
<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 of 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 45 (1978)

Lease Sale 45 was a government motion sale and therefore did not require a call for nominations and comments.

LEASE SALE 65 (1978)

The area proposed for Lease Sale 65 was included in the original call for nominations for Lease Sale 51. However, tracts nominated from the eastern Gulf of Mexico area were deleted from Sale 51 and included with other tracts in the Mississippi, Alabama, and Florida (MAFLA) area as a separate sale area, designated Lease Sale 65. A supplemental call for nominations and comments for Lease Sale 65 was published in the Federal Register on May 27, 1977.

Six oil companies responded to the supplemental call and nominated 791 tracts comprising 1,841,829 hectares (4,551,160 acres) for leasing. The only comment received was a letter of concern from the Pinellas County Board of Commissioners expressing opposition

to leasing in and adjacent to waters off the county boundaries.

Federal Register Call

Vol. 42, no. 103, p. 27307-8, May 27, 1977.

News Release

BLM Seeks Nominations and Comments for Proposed Eastern Gulf of Mexico OCS Lease Sale (OCS 65), May 27, 1977. Available from BLM.

LEASE SALE 51 (1978)

The call for nominations and comments was published in the Federal Register on February 16, 1977. Approximately 12,140,833 hectares (30 million acres) were offered in the call. Four oil companies responded to the call and nominated 688 tracts comprising 1,618,778 hectares (4 million acres) for leasing. Forty-one comments were also received. The Albuquerque Regional Office of the Fish and Wildlife Service requested that certain protective stipulations be added to leases on or adjacent to bottom-fishing areas. The Deputy Commander of the Tyndall Air Force Base in Florida expressed concern over possible conflicts between OCS activities and flight training operations in the Gulf. The remainder of the comments were from private citizens opposing the sale. These included 38 letters from people living near Charlotte Harbor, Florida, who erroneously thought the Harbor itself would be subject to leasing. "Charlotte Harbor" is also the name for an OCS map, and listing the map in the published call for nominations caused confusion over the actual area proposed for lease.

Federal Register Call

Vol. 42, no. 32, p. 9452, February 16, 1977.

News Release

BLM Seeks Nominations and Comments for Proposed Gulf of Mexico OCS Lease Sale (OCS 51), February 16, 1977. Available from BLM.

Comments from Government Agencies

Headquarters, Air Defense Weapons Center, Tyndall Air Force Base, U.S. Air Force,	4/1/77
1 p.	

Fish and Wildlife Service, Albuquerque Region.	n.a.
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Availability: BLM.

n.a. = Data not available.

LEASE SALE 58 (1979)

The call for nominations and comments for the Lease Sale 58 area was published in the Federal Register on October 31, 1977. The call area included 10,130 blocks comprising 21,327,397 hectares (52.7 million acres) of offshore lands. Thirty-four companies responded to the call and nominated 1,253 blocks for leasing. There were no negative nominations or comments received in response to the call.

Federal Register Call

Vol. 42, no. 209, p. 56986, October 31, 1977.

News Releases

BLM Seeks Nominations and Comments for Proposed Western Gulf of Mexico OCS Lease Sale (OCS 58)	10/31/77
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Thirty-four Companies Nominated 6.4 Million Acres for Proposed OCS Sale (OCS 58) in Gulf of Mexico	2/15/78
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Availability: BLM.

LEASE SALE 58A (1979)

On April 25, 1978, the Secretary of the Interior announced that Blake Plateau (South Atlantic) OCS Sale 54 was removed from the OCS leasing schedule and that Sale 58A, in the central and western Gulf of Mexico, would be substituted for it. There was no formal call for nominations for Sale 58A as a result. The tract list was developed from tracts nominated but not selected for Sale 58. Companies that submitted nominations for Sale 58 were individually contacted and invited to submit nominations for Sale 58A. Twenty-five companies responded and nominated 1,002 blocks for leasing. Since there was no formal call for nominations and comments for Sale 58A, no comments were received.

LEASE SALE 62 (1980)

The call for nominations and comments for Lease Sale 62 was published in the Federal Register on September 13, 1978. A correction to the call was published on October 5, 1978. Thirty-three companies nominated 1,356 blocks for leasing, comprising a total area of 2,832,861 hectares (7 million acres). No negative nominations or comments were received in response to the call.

Federal Register Call

Vol. 43, no. 178, p. 40933-34, September 13, 1978.

Vol. 43, no. 194, p. 46081, October 5, 1978.

News Release

Interior Seeks Nominations for Proposed Oil and Gas Lease Sale (OCS 62) in Gulf of Mexico, September 13, 1978. Available from BLM.

LEASE SALE A62 (1980)

Lease Sale A62 was not designated as such until the tract selection process had been completed for Sale 62. During this step in the leasing process, Sale 62 was split into two sales. The second sale was designated as

Lease Sale A62 on April 30, 1979. There was no separate call for nominations for Sale A62; the call for Sale 62 had been released on September 13, 1978. The results of this call were provided in the description for step 2 of Sale 62.

LEASE SALES A66 and 66 (1981)

The call for nominations and comments for Lease Sales A66 and 66 was published in the Federal Register on June 29, 1979. Both sales are proposed Gulf-wide lease sales and have the same area of call. The call area includes the entire Gulf of Mexico from Texas to Florida north of the 26-degree north latitude line. Twenty-seven companies responded to the call and nominated 1,593 blocks totaling 3,480,372 hectares (8.6 million acres) for leasing. Seven comments were received in response to the call. Six of these comments were from State agencies. The Mississippi Department of Justice and the Southern Mississippi Planning and Development District were concerned with leasing of blocks located in Mississippi Sound and the environmental impacts of OCS operations in the waters of the sound. The State of Florida OCS Representative and the Florida Institute for Oceanography requested that further environmental studies with regard to marine resources and geologic hazards in the Destin Dome and Fort Meyers areas of the Gulf of Mexico OCS be completed before the sale. The Environmental Confederation of Southwest Florida recommended the sale be postponed until technology is further developed to provide complete protection of marine resources. The Texas Coastal and Marine Council requested measures to provide adequate protection for marine resources off Texas and the Padre Island National Park. The National Oceanic and Atmospheric Administration recommended that tracts immediately adjacent to the Florida Garden Banks be deleted from the sale until the final EIS for the proposed marine sanctuary is approved.

Federal Register Call

Vol. 44, no. 127, p. 37991-37992, June 29, 1979.

Vol. 44, no. 133, p. 40429, July 10, 1979.

News Release

Call for Nominations and Comments Sought for Gulf OCS Sales 66 and A66, June 29, 1979. Available from BLM.

Comments from Government Agencies

Office of the Attorney General, Mississippi Department of Justice, 2 p.	8/20/79
Southern Mississippi Planning and Development District, 2 p. and 1 p. attachment.	8/22/79
Environmental Confederation of Southwest Florida, 2 p.	8/28/79
Office of Coastal Zone Manage- ment, National Oceanic and Atmospheric Administration, 2 p.	9/25/79
Florida Institute for Ocean- ography, 2 p. and 5 p. attachments.	9/26/79
State of Florida OCS Represent- ative, Office of the Governor, 2 p.	9/29/79
Texas Coastal and Marine Council, 2 p.	12/11/79

Availability: BLM.

LEASE SALES 67 and 69 (1982)

The call for nominations for both Lease Sales 67 and 69 was published in the Federal Register on January 23, 1980. Both sales were proposed Gulf-wide lease sales with the same area of call: 24,450 blocks covering 54,390,934 hectares (134.4 million acres) of OCS lands. A correction and amendment to the call were published on February 1 and February 8, 1980, respectively.

Thirty-two oil companies responded to the call and nominated 2,059 blocks for leasing. This amounted to 4,532,578 hectares (11.2 million acres) of offshore lands. Only three comments were received from Federal and State agencies. The National Oceanic and Atmospheric Administration recommended postponing leasing of certain blocks adjacent to the Flower Garden Banks area until the

marine sanctuary status of this area was resolved. The Department of Defense noted comments sent earlier with respect to Sales A66 and 66 that dealt with the potential conflict between Navy flight testing and OCS operations in the eastern Gulf of Mexico. The State of Alabama Oil and Gas Board replied to the call but made no specific comments pertaining to the timing or areal extent of either lease sale.

Federal Register Call

Vol. 45, no. 16, p. 5405-6, January 23, 1980.

Vol. 45, no. 23, p. 7317, February 1, 1980.

Vol. 45, no. 28, p. 8730, February 8, 1980.

News Releases

Call for Nominations and Comments Issued for OCS Sales 67 and 69.	1/23/80
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BLM Invites Nominations and Comments Regarding Enlarged OCS Tract Sizes.	2/8/80
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Availability: BLM.

Comments from Government Agencies

Office of the Assistant Secretary, Department of Defense, 1 p.	2/8/80
Alabama State Oil and Gas Board, 1 p.	2/26/80
Office of Coastal Zone Management, National Oceanic and Atmospheric Administration, 2 p. and 11 p. attachments.	3/14/80

Availability: BLM.

LEASE SALES 72 and 74 (1983)

The call for nominations and comments for Lease Sales 72 and 74 is expected to be issued during January 1981. A single call will be published for both lease sales.

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 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, notification is published in the Federal Register, and a news release is issued.

LEASE SALE 45 (1978)

Joint Field Report

Joint Memorandum, Tentative Tract Selection for Proposed Sale 45, December 15, 1976. Available from BLM.

News Release

Interior Announces Tentative Tract List for Gulf of Mexico Oil and Gas Lease Sale OCS 45, January 21, 1977. Available from BLM.

State Notification

State	Governor	Briefing Date
Louisiana	Edwin Edwards	1/21/77
Texas	Dolph Briscoe	1/21/77
Availability: BLM.		

LEASE SALE 65 (1978)

Joint Field Report

Joint Recommendation for Proposed Tentative Gulf of Mexico Sale 65, July 11, 1977. Available from BLM.

News Releases

Andrus Seeks Governor's Input in Gulf of Mexico OCS Sale Decision.	7/21/78
Blocks Selected for Environmental Study of Proposed Off-shore Oil and Gas Lease Sale (OCS 65) in the Eastern Gulf of Mexico.	7/29/77

Availability: BLM.

State Notification

State	Governor	Briefing Date
Mississippi	Charles Finch	7/29/77
Alabama	George Wallace	7/29/77
Florida	Reubin Askew	7/29/77
Louisiana	Edwin Edwards	7/29/77

Availability: BLM.

LEASE SALE 51 (1978)**Joint Field Report**

Joint Recommendation for Proposed Tentative Gulf of Mexico Sale 51, May 27, 1977. Available from BLM.

News Release

Interior Makes Tract List Available for Possible Gulf of Mexico Offshore Sale (OCS 51), April 30, 1977. Available from BLM.

State Notification

State	Governor	Briefing Date
Alabama	George Wallace	6/27/77
Florida	Reubin Askew	6/27/77
Louisiana	Edwin Edwards	6/27/77
Mississippi	Charles Finch	6/27/77
Texas	Dolph Briscoe	6/27/77

Availability: BLM.

LEASE SALE 58 (1979)**Joint Field Report**

Joint Recommendation for Proposed Tentative Gulf of Mexico Sale 58, January 24, 1978. Available from BLM.

News Release

Interior Makes Tract List Available for Possible Gulf of Mexico Offshore Sale (OCS 58), February 28, 1978. Available from BLM.

State Notification

State	Governor	Briefing Date
Alabama	George Wallace	2/27/78
Louisiana	Edwin Edwards	2/27/78
Mississippi	Charles Finch	2/27/78
Texas	Dolph Briscoe	2/27/78
Florida	Reubin Askew	2/27/78

Availability: BLM.

LEASE SALE A62 and 62 (1980)**Joint Field Report**

Joint Memorandum of Recommendation for Proposed Gulf of Mexico Sale 62. 12/8/79

Supplemental Information to the Memorandum of Recommendations for Proposed Gulf of Mexico Sale 62. 1/16/79

Availability: BLM.

News Releases

Tract Selection List
Available for OCS Sales
in Gulf of Mexico. 3/5/79

Interior Announces Plans
for Two Offshore Gulf of
Mexico Sales. 4/30/79

Availability: BLM.

State Notification

State	Governor	Briefing Date
Alabama	Forrest James	3/1/79
Florida	Robert Graham	3/1/79
Mississippi	Charles Finch	3/1/79
Louisiana	Edwin Edwards	3/1/79
Texas	William Clements	3/1/79

Availability: BLM.

LEASE SALES A66 and 66 (1981)

Joint Field Report

Joint Memorandum of Recommendations for
Proposed Gulf of Mexico OCS Sales A66 and 66,
October 2, 1979. Available from BLM.

News Releases

Tract Selection Announced
for OCS A66 and 66. 11/1/79

OCS Sale A66 Will Offer
Tracts Rejected in OCS
Sale A62. 11/13/80

Availability: BLM.

State Notification

State	Governor	Briefing Date
Texas	William Clements	10/13/79
Florida	Robert Graham	10/31/79
Mississippi	Cliff Finch	10/31/79
Alabama	Forrest James	10/31/79
Louisiana	Edwin Edwards	10/31/79

Availability: BLM.

LEASE SALES 67 and 69 (1982)

Joint Field Report

Joint Memorandum of
Recommendation for
Proposed Gulf of
Mexico Sales 67
and 69. 4/25/80

Supplemental Acreage
Recommended for Pro-
posed Sales 67 and
69, 22 p. 5/9/80

Availability: BLM.

News Release

Tracts Selected for Environmental Study in Gulf
of Mexico Offshore Sales, June 4, 1980. Available
from BLM.

State Notification

State	Governor	Briefing Date
Louisiana	Edwin Edwards	6/2/80
Texas	William Clements	6/2/80

State	Governor	Briefing Date
Mississippi	Charles Finch	6/2/80
Alabama	Forrest James	6/2/80
Florida	Robert Graham	6/2/80
Availability: BLM.		

STEP 4. PRE-SALE ENVIRONMENTAL IMPACT STATEMENT

40 CFR 1500
43 CFR 3314.1

The preparation of an environmental impact statement (EIS) 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 among 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, the conditional resource estimate 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 that 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 45 (1978)

Pre-Sale EIS

Draft Environmental Impact Statement: Proposed OCS Oil and Gas Lease Sale, Gulf of Mexico, OCS Sale 45.	4/19/77
Final Environmental Impact Statement: Proposed 1978 OCS Oil and Gas Lease Sale, Gulf of Mexico, OCS Sale 45.	11/3/77
Availability: BLM.	

Federal Register

Vol. 42, no. 75, p. 20352, April 19, 1977.

Vol. 42, no. 212, p. 57565, November 3, 1977.

News Releases

Interior Releases Draft EIS on Proposed OCS Lease Sale (OCS 45) in Gulf of Mexico.	4/20/77
Interior Releases Final EIS on Proposed OCS Lease Sale (OCS 45) for Gulf of Mexico.	11/3/77
Availability: BLM.	

LEASE SALE 65 (1978)**Pre-Sale EIS**

Draft Environmental Impact Statement: Proposed 1978 OCS Oil and Gas Lease Sale Offshore Eastern Gulf of Mexico, OCS Sale 65. 1/31/78

Final Environmental Impact Statement: Proposed 1978 OCS Oil and Gas Lease Sale Offshore Eastern Gulf of Mexico, OCS Sale 65. 6/23/78

Availability: BLM.

Federal Register

Vol. 43, no. 21, p. 4123, January 31, 1978.

Vol. 43, no. 122, p. 27250, June 23, 1978.

News Releases

Availability of Draft EIS Announced for Proposed OCS Sale 65 on Eastern Gulf of Mexico. 1/31/78

Availability of Final EIS Announced for Proposed OCS Sale 65 on Eastern Gulf of Mexico. 6/23/78

Availability: BLM.

LEASE SALE 51 (1978)**Pre-Sale EIS**

Draft Environmental Statement: Proposed 1978 OCS Oil and Gas Lease Sale Offshore Western and Central Gulf of Mexico, OCS Sale 51. 2/28/78

Final Environmental Impact Statement: Proposed 1978 OCS Lease Sale Offshore Western and Central Gulf of Mexico, OCS Sale 51. 7/20/78

Availability: BLM.

Federal Register

Vol. 43, no. 40, p. 8190, February 28, 1978.

Vol. 43, no. 140, p. 31244, July 20, 1978.

News Releases

Availability of Draft EIS Announced for Proposed OCS Sale 51 in Gulf of Mexico. 2/28/78

Availability of Final EIS Announced for Proposed OCS Sale 51 in Gulf of Mexico. 7/20/78

Availability: BLM.

LEASE SALE 58 (1979)**Pre-Sale EIS**

Draft Environmental Impact Statement: Proposed 1979 OCS Oil and Gas Lease Sale 58, Western and Central Gulf of Mexico. 9/18/78

Final Environmental Impact Statement: Proposed 1979 OCS Oil and Gas Lease Sale 58, Western and Central Gulf of Mexico. 2/23/79

Availability: BLM.

Federal Register

Vol. 43, no. 182, p. 42046, September 19, 1978.

Vol. 44, no. 38, p. 10791, February 23, 1979.

News Release

Availability of Draft EIS Announced for Proposed OCS Sale 58 in Gulf of Mexico. 9/19/78

Interior Makes FES Available in Proposed Gulf of Mexico OCS Sale 58. 2/23/79

Availability: BLM.

LEASE SALE 58A (1979)**Pre-Sale EIS**

Draft Environmental Statement, Proposed 1979 OCS Oil and Gas Lease Sale 58A. 1/26/79

Final Environmental Statement, Proposed 1979 Outer Continental Shelf Oil and Gas Lease Sale 58A. 6/26/79

Availability: BLM.

Federal Register

Vol. 44, no. 19, p. 5524, January 26, 1979.

Vol. 44, no. 127, p. 37992, June 29, 1979.

News Releases

Interior Makes DES Available in Proposed Gulf of Mexico OCS Sale 58A. 1/26/79

Interior Releases FES on Proposed Oil and Gas Lease Sale (OCS 58A) for Gulf of Mexico. 6/26/79

Availability: BLM.

LEASE SALE A62 and 62 (1980)**Pre-Sale EIS**

Draft Environmental Impact Statement: Proposed 1980 OCS Oil and Gas Lease Sales A62 and 62, Gulf of Mexico. 9/27/79

Final Environmental Impact Statement: Proposed 1980 Outer Continental Shelf Oil and Gas Lease Sale A62 and 62. 1/15/80

Availability: BLM.

Federal Register

Vol. 44, no. 190, p. 56049-50, September 28, 1979.

Vol. 45, no. 10, p. 2911, January 15, 1980.

News Release

Availability of Draft EIS Announced for Two Proposed OCS Sales (OCS 62 and A62) in Gulf of Mexico, September 27, 1979. Available from BLM.

LEASE SALES A66 and 66 (1981)**Pre-Sale EIS**

Draft Environmental Impact Statement: OCS Oil and Gas Proposed 1981 Sales A66 and 66, July 24, 1980. Available from BLM.

Federal Register

Vol. 45, no. 142, p. 48949-48950, July 22, 1980.

News Releases

DES Available for Two Gulf of Mexico OCS Sales. 7/24/80

Proposed Gulf of Mexico OCS Oil and Gas Lease Sales A66 and 66: Availability of Draft Environmental Impact Statement and General Information Regarding the Public Hearing. 7/25/80

Availability: BLM.

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. Comments are requested from Governors of affected States on the draft SID. The SID, completed approximately 60 days after the final EIS, provides the Secretary with information necessary in making a decision from the options presented concerning the lease sale.

LEASE SALE 45 (1978)**Secretarial Issue Document**

OCS Sale 45, 47 p., November 3, 1977. Available from BLM.

LEASE SALE 65 (1978)**Secretarial Issue Document**

Secretarial Issue Document, Sale 65, 29 p., August 29, 1978. Available from BLM.

LEASE SALE 51 (1978)**Secretarial Issue Document**

Secretarial Issue Document Central and Western Gulf of Mexico OCS Sale 51, May 23, 1977. Available from BLM.

LEASE SALE 58 (1979)**Secretarial Issue Document**

Secretarial Issue Document, Gulf of Mexico OCS Sale 58, 41 p., March 28, 1979. Available from BLM.

LEASE SALE 58A (1979)**Secretarial Issue Document**

Secretarial Issue Document, Gulf of Mexico OCS Sale 58A, 50 p., July 31, 1979. Available from BLM.

LEASE SALE A62 (1980)**Secretarial Issue Document**

Secretarial Issue Document, Central Gulf of Mexico OCS Sale A62, 70 p., May 12, 1980. Available from BLM.

LEASE SALE 62 (1980)**Secretarial Issue Document**

Secretarial Issue Document, Gulf of Mexico OCS Sale 62 Offshore Texas, 30 p., June, 1980. 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. Along with the comments received from these agencies by the Director of the Bureau of Land Management, the proposed notice of sale 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 systems) under which a lease sale is held. It 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, the Fish and Wildlife Service, the Heritage Conservation and Recreation Service, and the 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 Bureau of Land Management Regional Manager recommends whether particular leases should be issued. A Bureau of Land Management 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 Bureau of Land Management office.

LEASE SALE 45 (1978)

Federal Register

Vol. 43, no. 9, p. 2009-20019, January 13, 1978.

Vol. 43, no. 15, p. 3175, January 23, 1978.

Vol. 43, no. 54, p. 11605-11611, March 20, 1978.

Federal Register (Continued)

Vol. 43, no. 58, p. 12389, March 24, 1978.

Vol. 43, no. 72, p. 15501, April 13, 1978.

News Releases

Andrus Seeks Governor's
Input in Gulf of Mexico
OCS Sale Decision. 1/11/78

Interior Announces April
25 as Date of Gulf of
Mexico Outer Continental
Shelf Sale (OCS 45). 3/20/78

Interior Accepts Bids
Totaling \$733,656,893.19
for Gulf of Mexico Sale
(OCS 45) 5/10/78

Availability: BLM.

LEASE SALE 65 (1978)**Federal Register**

Vol. 43, no. 146, p. 32874-32880, July 28, 1978.

Vol. 43, no. 190, p. 44900-44905, September 29,
1978.

Vol. 43, no. 196, p. 46586, October 10, 1978.

News Release

Interior Accepts Bids Totaling \$61,176,730 for
Gulf of Mexico OCS Sale 65, November 17, 1978.
Available from BLM.

LEASE SALE 51 (1978)**Federal Register**

Vol. 43, no. 180, p. 41292-7, September 15, 1978.

Vol. 43, no. 189, p. 44571, September 28, 1978.

Vol. 43, no. 219, p. 52534-52550, November 13,
1978.

Vol. 43, no. 221, p. 53063, November 15, 1978.

Vol. 43, no. 243, p. 58873, December 18, 1978.

News Releases

Andrus Seeks Governor's
Input in Gulf of Mexico
OCS Sale Decision. 9/13/78

OCS Sale 51 in Gulf of
Mexico to be Held
December 19, 1978, in
New Orleans. 11/13/78

Interior Deletes 19 Tracts
from OCS Sale Scheduled for
Gulf of Mexico. 12/14/78

Interior Accepts Bids
Totaling \$871,464,998
for Gulf of Mexico OCS
Sale 51. 1/26/79

Availability: BLM.

LEASE SALE 58 (1979)**Federal Register**

Vol. 44, no. 78, p. 23584, April 20, 1979.

Vol. 44, no. 83, p. 24942, April 27, 1979.

Vol. 44, no. 127, no. 37994-38002, June 29, 1979.

Vol. 44, no. 136, no. 40938-9, July 13, 1979.

Vol. 44, no. 141, no. 42790, July 20, 1979.

News Releases

OCS Sale 58 in Gulf of
Mexico to be Held July
31, 1979, in New Orleans. 6/29/79

Tracts Eliminated from
OCS Sale 58. 7/10/79

Interior Accepts Bids
Totaling \$1,247,489,021
for OCS Sale 58 in Gulf
of Mexico. 8/28/79

Availability: BLM.

LEASE SALE 58A (1979)**Federal Register**

Vol. 44, no. 161, p. 48356-7, August 17, 1979.

Vol. 44, no. 167, p. 50103, August 27, 1979.

Vol. 44, no. 209, p. 61804-61846, October 26, 1979.

Vol. 44, no. 226, p. 66995-66996, November 21, 1979.

News Releases

Blake Plateau OCS Sale
54 Eliminated from
Planning Schedule; New
Gulf of Mexico Sale
Substituted. 4/25/78

Andrus Asks Governors
for Comments in Proposed
Gulf OCS Sale 58A. 8/17/79

OCS Sale 58A Scheduled
November 27 in New
Orleans. 10/26/79

OCS Sale 58A Location
Changed to Louisiana
Superdome. 11/20/79

Availability: BLM.

LEASE SALE A62 (1980)**Federal Register**

Vol. 45, no. 106, p. 36531-36557, May 30, 1980.

Vol. 45, no. 164, p. 55941-55958, August 21, 1980.

Vol. 45, no. 169, p. 57553, August 28, 1980.

News Releases

Interior Drops 37 Blocks
from OCS Sale A62. 10/12/79

Date of Proposed Notice
of Sale for OCS A62
Changed. 4/8/80

Profit Share Bid System
to Be Used in OCS Sale
A62. 5/30/80

Interior Accepts High
Bids Totaling
\$2,676,927,673.35
for OCS Sale A62 in
the Gulf of Mexico. 10/14/80

Availability: BLM.

LEASE SALE 62 (1980)**Federal Register**

Vol. 45, no. 131, p. 45872-45885, July 7, 1980.

Vol. 45, no. 202, p. 68866-68883, October 16, 1980.

Vol. 45, no. 203, p. 69053, October 17, 1980.

News Releases

OCS Oil and Gas Lease
Sale Scheduled November
18, 1980 in New Orleans. 7/1/80

Proposed Notice of Sale
Approved for OCS Sale 62. 10/17/80

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 on a leased tract, an exploration plan 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, and the Governors of affected States review and make recommendations to the U.S. Geological Survey on all exploration plans. In addition to the exploration plan, accompanying environmental reports must be submitted for activities off the coast of Florida or when drilling affects a State with a federally approved coastal zone management program (30 CFR 250.34; Federal Register, January 17, 1979, p. 3513-4527). As of December 15, 1980, the following Gulf Coast States had approved coastal plans: Alabama (1979), Louisiana (1980), and Mississippi (1980).

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 performed by the Governors of affected States.

SECTION 6 LEASES

Exploration Plans and Environmental Reports

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
South Pelto	12	072	Ocean Production	4/10/80	S-0401
South Pelto	12	072	Ocean Production	7/25/80	S-0488
	19	073			
East Cameron	72	0184	Conoco	2/15/80	S-0354
West Cameron	192	0190	Conoco	4/17/80	S-0408
West Cameron	40	0224	C&K	10/6/80	S-0534
	41 (E/2)	2531 ^c			
West Cameron	102	0247	Superior	8/12/80	S-0503
Vermilion	76	0249	Superior	7/25/80	S-0490
South Marsh Island	231	0310	Texaco	3/28/80	S-0386
South Marsh Island	242	0310	Texaco	6/5/80	S-0454
Eugene Island	47	0317	Texaco	5/20/80	S-0437
Ship Shoal	34	0343	Kerr-McGee	5/21/80	U-0123

Availability: USGS.

^aDate records have been made available to the public.

^bThis number is assigned to exploration plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

^cIndicates lease from another sale.

LEASE SALE 1 (1954)

Exploration Plans and Environmental Reports

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
East Cameron	82 (E/2)	0407	Shell	10/2/80	S-0529
Eugene Island	175	0438	Atlantic Richfield	10/28/80	S-0540

Availability: USGS.

^aDate records have been made available to the public.

^bThis number is assigned to exploration plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

LEASE SALE 2 (1954)

Exploration Plans and Environmental Reports

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
High Island	140	0518	Chevron	9/17/80	S-0525

Availability: USGS.

^aDate records have been made available to the public.

^bThis number is assigned to exploration plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

LEASE SALE 3 (1955)

Exploration Plans and Environmental Reports

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Ship Shoal	199	0594 ^C	Tenneco	2/5/80	S-0345
South Timbalier	86	0605	Ocean Production	8/12/80	S-0506
	87	1555 ^C			
		3592 ^C			

Availability: USGS.

^aDate records have been made available to the public.

^bThis number is assigned to exploration plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

^CIndicates lease from another sale.

LEASE SALE 7 (1960)

Exploration Plans and Environmental Reports

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
West Cameron	165	0758	Tenneco	1/29/80	S-0339
West Delta	105	0842	Shell	8/12/80	S-0497

Availability: USGS.

^aDate records have been made available to the public.

^bThis number is assigned to exploration plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

LEASE SALE 9 (1962)**Exploration Plans and Environmental Reports**

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
East Cameron	49	0932	Conoco	4/10/80	S-0407
Eugene Island	273	0987	Amoco	3/24/80	S-0385
Ship Shoal	224	1023	Ocean Production	5/9/80	S-0411
	223	1526 ^c			
West Delta	75	1085	Amoco	6/17/80	S-0462

Availability: USGS.

^aDate records have been made available to the public.^bThis number is assigned to exploration plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.^cIndicates lease from another sale.**LEASE SALE 12 (1964)****Exploration Plans and Environmental Reports**

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Ship Shoal	14	1359	Kerr-McGee	2/22/80	S-0373

Availability: USGS.

^aDate records have been made available to the public.^bThis number is assigned to exploration plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.**LEASE SALE 15 (1966)****Exploration Plans and Environmental Reports**

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
East Cameron	76	1475	Union	8/29/80	S-0516
East Cameron	89	1475	Union	3/17/80	S-0377

Availability: USGS.

^aDate records have been made available to the public.^bThis number is assigned to exploration plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

LEASE SALE 16 (1967)**Exploration Plans and Environmental Reports**

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
South Timbalier	86	1555	Ocean Production	8/12/80	S-0506
	87	0605 ^c			
		3592 ^c			
Ship Shoal	223	1526	Ocean Production	5/9/80	S-0411
	224	1023 ^c			

Availability: USGS.

^aDate records have been made available to the public.

^bThis number is assigned to exploration plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

^cIndicates lease from another sale.

LEASE SALE 19B (1969)**Exploration Plans and Environmental Reports**

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Main Pass	152	1966	Shell	6/17/80	N-0559

Availability: USGS.

^aDate records have been made available to the public.

^bThis number is assigned to exploration plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

LEASE SALE 22 (1970)**Exploration Plans and Environmental Reports**

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Eugene Island	315	2112	McMoRan	5/5/80	S-0422
Eugene Island	315	2112	Exxon	2/15/80	S-0369

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Eugene Island	315	2112	Exxon	7/3/79	G-0258
Eugene Island	323	2114	Anadarko	3/10/78	G-0002

Availability: USGS.

^aDate records have been made available to the public.

^bThis number is assigned to exploration plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

LEASE SALE 23 (1971)

Exploration Plans and Environmental Reports

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
East Cameron	33	2127	Conoco	3/18/80	S-0363

Availability: USGS.

^aDate records have been made available to the public.

^bThis number is assigned to exploration plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

LEASE SALE 24 (1972)

Exploration Plans and Environmental Reports

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Ship Shoal	220	2144	CNG	n.a.	G-0087

Availability: USGS.

^aDate records have been made available to the public.

^bThis number is assigned to exploration plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

n.a. = Data not available.

LEASE SALE 26 (1973)**Exploration Plans and Environmental Reports**

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Galveston	A-123	2340	McMoRan	3/31/78	G-0026
Galveston	A-133	2343	McMoRan	3/27/78	G-0023
Galveston	A-154	2346	McMoRan	6/8/78	G-0058
High Island	A-447	2360	McMoRan	3/23/78	G-0020
High Island	A-328	2419	C&K	4/24/78	G-0035

Availability: USGS.

^aDate records have been made available to the public.

^bThis number is assigned to exploration plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

LEASE SALE 32 (1973)**Exploration Plans and Environmental Reports**

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Destin Dome	353	2466	Shell	3/22/78	G-0019

Availability: USGS.

^aDate records have been made available to the public.

^bThis number is assigned to exploration plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

LEASE SALE 33 (1974)**Exploration Plans and Environmental Reports**

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
West Cameron	40	2531	C&K	10/6/80	S-0534
	41 (E/2)	0224 ^c			
East Cameron	347	2566	Narmco	1/16/80	G-0319

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
South Marsh Island	251	2597	General Crude	3/10/78	G-0006
Eugene Island	59	2602	Union	1/16/80	G-0319
West Cameron	538	2552	McMoRan	4/30/79	G-0243
West Cameron	538	2552	Zapata	1/16/80	G-0363
West Cameron	541	2554	Chevron	4/14/78	G-0034
West Cameron	541	2554 ^c 3970 ^c	Chevron	5/14/79	G-0238

Availability: USGS.

^aDate records have been made available to the public.

^bThis number is assigned to exploration plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

^cIndicates lease from another sale.

LEASE SALE 34 (1974)

Exploration Plans and Environmental Reports

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Brazos	A-132	2664	Atlantic Richfield	3/17/80	G-0024
Galveston	151	2666	Gulf	4/26/78	G-0100
Galveston	A-69	2668	Mobil	n.a.	G-0037
	A-71	2670			
High Island	138 (N/2)	2680	Conoco	3/27/78	N-0459
High Island	A-544	2703	Ocean Production	4/25/79	G-0173
High Island	A-562	2713	Pennzoil	2/7/80	S-0343
High Island	A-575	2718	Exxon	5/23/79	G-0244
High Island	A-316	2737	Cities Service	4/30/79	G-0225
High Island	A-342	2740	Exxon	7/2/80	S-0449
High Island	365	2750	Anadarko	4/7/80	G-0223
	376	2754			
High Island	A-371	2752	Pacific	n.a.	G-0133
High Island	A-303	2733	Union	n.a.	G-0162
	A-318	3248 ^c			

Availability: USGS.

^aDate records have been made available to the public.

^bThis number is assigned to exploration plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

^cIndicates lease from another sale.

n.a. = Data not available.

LEASE SALE S1 (1974)

Exploration Plans and Environmental Reports

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
High Island	A-591	2782	Texoma	3/21/80	S-0361
East Cameron	346	2798	Union	7/3/79	G-0274
Vermilion	400	2802	Amoco	n.a.	G-0147

Availability: USGS.

^aDate records have been made available to the public.

^bThis number is assigned to exploration plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

n.a. = Data not available.

LEASE SALE 36 (1974)

Exploration Plans and Environmental Reports

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
West Cameron	44	2823	General American	3/22/79	G-0229
West Cameron	116	2829	Ocean Production	4/25/79	G-0184
West Cameron	365	2841	Gulf	4/4/79	G-0204
West Cameron	549	2849	Chevron	6/2/78	G-0055
East Cameron	28	2854	Chevron	1/16/80	G-0357
East Cameron	237	2860	Pennzoil	12/20/79	G-0350
Vermilion	40	2869	Ocean Production	4/25/79	G-0186
South Marsh Island	113	2880	Conoco	5/13/80	S-0436
South Marsh Island	113	2880	Conoco	4/11/79	G-0215
South Marsh Island	173	2887	McMoRan	3/17/80	S-376
South Marsh Island	173	2887	McMoRan	2/26/80	S-0360
South Marsh Island	174	2888	McMoRan	1/29/80	S-0349
South Marsh Island	175	2889	McMoRan	8/28/79	G-0311
South Marsh Island	270	2891	Chevron	7/3/78	G-0071
Eugene Island	10	2892	Transco	5/5/80	S-0425
Eugene Island	10	2892	Transco	1/16/80	G-0359
Eugene Island	10	2892	Transco	2/15/80	S-0357
Eugene Island	317	2906	Superior	6/17/80	S-0460
Eugene Island	317	2906	Superior	4/7/80	S-0399
Eugene Island	318	2907	Chevron	n.a.	G-0082
	319	2908			
Eugene Island	329	2912	Mesa	6/5/80	S-0444
Ship Shoal	90	2918	Tenneco	8/18/80	S-0510
Ship Shoal	90	2918	Tenneco	n.a.	G-0166
South Timbalier	58	2926	Chevron	4/25/79	G-0183
South Timbalier	59	2927	Tenneco	1/16/80	S-0335
South Timbalier	59	2927	Tenneco	6/28/78	G-0069
South Pelto	10	2929	Mobil	3/17/80	S-0379
South Pass	33	2939	Chevron	3/28/80	S-0395
Main Pass	295	2956	Chevron	n.a.	G-0104

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Mississippi Canyon	530	2958	Amoco	3/13/78	G-0010
	486	2959			
Mississippi Canyon	487	2960	Chevron	3/18/80	S-0374
Mississippi Canyon	487	2960	Chevron	4/3/78	G-0027
Mississippi Canyon	487	2960	Chevron	1/29/80	S-0346
Mississippi Canyon	398	2961	Exxon	7/20/79	G-0275
Mississippi Canyon	364	2966	Exxon	8/15/79	G-0287
Mississippi Canyon	399	2962	Exxon	6/7/78	G-0057
West Delta	86	2934 N/2 ^c	Marathon	8/12/80	S-0500
		4243 S/2 ^c			

Availability: USGS.

^a Date records have been made available to the public.

^b This number is assigned to exploration plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

^c Indicates lease from another sale.

n.a. = Data not available.

LEASE SALE 37 (1975)

Exploration Plans and Environmental Reports

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
North Padre Island	A-45	2997	Transco	n.a.	G-0192
North Padre Island	890	2999	Transco	2/22/80	S-0359
North Padre Island	891	3000	Shell	1/16/80	G-0366
North Padre Island	891	3000	Transco	2/26/80	S-0358
North Padre Island	932	3002	Transco	n.a.	G-0149
North Padre Island	951	3003	Transco	4/25/79	G-0187
Mustang Island	A-20	3012	Shell	1/16/80	G-0370
Mustang Island	A-21	3013	Hunt Oil	7/31/80	S-0467
Mustang Island	A-21	3013	Shell	1/16/80	G-0369
Mustang Island	787	3030	Transco	1/16/80	G-0362
Mustang Island	803	3035	Marathon	2/7/80	S-350
Mustang Island	805	3036	Marathon	2/15/80	S-0364
Mustang Island	806	3037	Exxon	3/28/80	N-0483
Mustang Island	858	3050	McMoRan	7/23/80	S-0486
Mustang Island	858	3050	McMoRan	2/12/80	G-0416
Mustang Island	872	3053	Transco	2/22/80	N-0440
Mustang Island	A-86	3062	McMoRan	5/14/80	S-0431
Matagorda Island	555	3079	McMoRan	9/17/80	S-0524
Matagorda Island	556	3080	Texasgulf	7/3/79	G-0281
Matagorda Island	591	3081	SONAT	3/20/78	G-0018
Matagorda Island	592	3082	Marathon	n.a.	G-0132
Matagorda Island	601	3084	SONAT	3/10/78	G-0004
Matagorda Island	625	3090	Houston Oil & Minerals	8/7/79	G-0299
Matagorda Island	632	3091	Exxon	4/10/80	S-0405
Matagorda Island	632	3091	Exxon	1/16/80	S-0336
Matagorda Island	633	3092	McMoRan	6/5/80	S-0446
Matagorda Island	633	3092	Marathon	4/10/80	S-0397

Exploration Plans and Environmental Reports (Continued)

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Matagorda Island	656	3096	Exxon	4/25/79	G-0249
Matagorda Island	674	3102	Houston Oil & Minerals	6/4/79	G-0255
	678	3103			
Matagorda Island	687	3106	Conoco	5/2/78	G-0039
Matagorda Island	700	3108	McMoRan	10/28/80	S-0547
High Island	A-499	3118	Pennzoil	n.a.	G-0128

Availability: USGS.

^aDate records have been made available to the public.^bThis number is assigned to exploration plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

n.a. = Data not available.

LEASE SALE 38 (1975)

Exploration Plans and Environmental Reports

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Vermilion	48	3121	Transco	n.a.	G-0110
Vermilion	144	3125	Shell	2/15/80	S-0356
	159	3128			
Vermilion	229	3130	Chevron	3/16/78	G-0014
	230	3131			
Vermilion	248	3134	Texas Gas	n.a.	G-0153
Eugene Island	26	3147	Texaco	3/24/80	S-0387
Eugene Island	52	3148	Chevron	n.a.	G-0120
Eugene Island	69	3149	SONAT	4/25/80	S-0417
Eugene Island	70	3150	SONAT	4/4/78	G-0028
Eugene Island	262	3156	Pennzoil	5/13/80	N-0504
Ship Shoal	237	3168	Kerr-McGee	2/15/80	S-0370
Ship Shoal	238	3169	Kerr-McGee	7/25/80	S-0483
Ship Shoal	238	3169	Kerr-McGee	3/18/80	N-0445
South Timbalier	90	3173	Atlantic Richfield	5/16/79	G-0236
	107	3174			
West Delta	100	3188	Exxon	7/3/79	G-0280
West Delta	119	3189	Superior	4/7/80	N-0486
Main Pass	59	3193	Ocean Production	5/21/80	S-0438
Main Pass	59	3193	Ocean Production	4/21/80	S-0409
Main Pass	59	3194	Ocean Production	3/18/80	S-0372
Main Pass	59	3194	Ocean Production	1/29/80	S-0334
Main Pass	74	3196	Oxy Petroleum	3/28/80	S-0391
Chandeleur Area	24	3201	Texaco	7/5/78	G-0073
Viosca Knoll	862	3208	Exxon	3/28/80	S-0388
North Padre Island	1010	3220	Transco	1/29/80	S-0337

Availability: USGS.

^aDate records have been made available to the public.^bThis number is assigned to exploration plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

n.a. = Data not available.

LEASE SALE 38A (1975)

Exploration Plans and Environmental Reports

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Brazos	A-100	3224	McMoRan	4/25/80	S-0414
	A-100	3226			
Galveston	273	3230	Superior	3/19/80	N-0463
High Island	137	3234	Conoco	4/7/80	S-0402
High Island	139	3235	Superior	5/12/78	G-0044
High Island	A-466	3242	Atlantic Richfield	2/15/80	S-0355
High Island	A-494	3244	Amoco	1/29/80	N-0424
High Island	A-508	3245	Kerr-McGee	8/12/80	S-0495
High Island	A-303	3248	Union	n.a.	G-0162
	A-318	2733 ^c			
High Island	A-331	3250	Mesa	4/28/80	G-0405
West Cameron	37	3252	Chevron	7/6/79	G-0277
	38				
West Cameron	41	3253	C&K	4/28/78	G-0038
West Cameron	80	3257	Chevron	n.a.	G-0138
West Cameron	98	3261	Superior	n.a.	G-0157
	99	3262			
West Cameron	217	3266	Transco	10/28/80	S-0544
West Cameron	217	3266	Atlantic Richfield	5/19/78	G-0046
	220				
West Cameron	255	3271	Exxon	4/4/79	G-0200
West Cameron	330	3274	Kerr-McGee	n.a.	G-0111
West Cameron	340	3278	C&K	7/25/80	S-0466
	355	3279			
East Cameron	121	3295	McMoRan	9/17/80	S-0523
East Cameron	121	3295	McMoRan	8/12/80	S-0492
East Cameron	215	3297	Samedan	7/17/80	S-0464
East Cameron	215	3297	Samedan	6/17/80	S-0464
East Cameron	331	3300	Sun Oil	5/30/78	G-0052
East Cameron	331	3300	Home Petroleum	3/18/80	S-0362

Availability: USGS.

^aDate records have been made available to the public.^bThis number is assigned to exploration plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.^cIndicates lease from another sale.

n.a. = Data not available.

LEASE SALE 41 (1976)

Exploration Plans and Environmental Reports

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Mustang Island	624	3306	Mesa	n.a.	G-0117
High Island	A-538	3312	Union	4/19/79	G-0232
High Island	A-288	3314	Marathon	4/28/80	N-0498
West Cameron	28	3317	Oxy Petroleum	n.a.	G-0140
West Cameron	607	3321	Mesa	4/10/78	G-0031
East Cameron	41	3322	Conoco	10/6/80	S-0530

Exploration Plans and Environmental Reports (Continued)

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
East Cameron	41	3322	Conoco	2/12/80	N-0429
Vermilion	65	3327	Union	6/1/79	G-0276
Vermilion	392	3329	Mesa	7/25/80	G-0406
Main Pass	304	3339	Conoco	3/28/80	G-0414
The Elbow	915	3341	Mobil	8/18/80	N-0549

Availability: USGS.

^aDate records have been made available to the public.

^bThis number is assigned to exploration plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

n.a. = Data not available.

LEASE SALE 44 (1976)

Exploration Plans and Environmental Reports

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
High Island	141 (E/2)	3376	Chevron	4/20/79	G-0252
High Island	A-281	3377	Tenneco	2/7/80	S-351
West Cameron	459	3383	Conoco	10/6/80	S-0537
West Cameron	459	3383	Conoco	4/17/80	S-0410
West Cameron	459	3383	Conoco	12/20/79	G-0349
West Cameron	528	3385	Amoco	4/25/79	G-0171
East Cameron	333	3387	Atlantic Richfield	6/28/79	G-0273
South Marsh Island	273	3402	Atlantic Richfield	n.a.	G-0165
South Marsh Island	276	3403	Chevron	n.a.	G-0088
Eugene Island	311	3408	Atlantic Richfield	3/10/78	G-0005
Eugene Island	351	3409	Pennzoil	4/28/80	S-0416
Ship Shoal	15	3411	Oxy Petroleum	6/13/78	G-0060
Ship Shoal	232	3413	Conoco	1/30/80	G-0374
South Pass	57	3416	Pennzoil	1/16/80	G-0348

Availability: USGS.

^aDate records have been made available to the public.

^bThis number is assigned to exploration plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

n.a. = Data not available.

LEASE SALE 47 (1977)

Exploration Plans and Environmental Reports

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
South Timbalier	86	3592	Ocean Production	8/12/80	S-0506
	87	0605 ^c			
		1555 ^c			
North Padre Island	884	3460	Mobil	3/13/80	G-0009
North Padre Island	898	3461	Gulf	5/20/80	G-0395
North Padre Island	913	3462	Transco	1/29/80	S-0338
Matagorda Island	713	3466	McMoRan	7/31/80	N-0574
Brazos	504	3469	American Natural Gas	n.a.	G-0168
Brazos	A-21	3473	Shell	5/30/78	G-0053
West Cameron	232	3478	Gulf	5/19/78	G-0047
High Island	A-498	3479	Gulf	6/5/80	G-0394
High Island	A-516	3480	Transco	3/17/78	G-0017
High Island	A-557	3484	Marathon	3/18/80	S-0366
High Island	A-557	3484	Marathon	5/22/78	G-0050
High Island	A-361	3487	American Natural Gas	4/6/78	G-0030
High Island	A-379	3488	Mobil	3/12/78	G-0016
West Cameron	106	3491	Superior	n.a.	G-0129
	107	3492			
West Cameron	107	3492	Superior	9/9/80	S-0520
West Cameron	205	3496	Atlantic Richfield	n.a.	G-0116
	206				
West Cameron	253	3500	Pennzoil	7/2/80	N-0545
West Cameron	261	3501	Conoco	4/10/80	G-0413
West Cameron	339	3507	Atlantic Richfield	n.a.	G-0113
West Cameron	342	3508	Getty	3/16/78	G-0013
West Cameron	423	3509	Getty	3/16/78	G-0012
West Cameron	424	3510	Getty	3/16/78	G-0011
West Cameron	442	3511	American Natural Gas	4/24/78	G-0036
West Cameron	443	3512	Kerr-McGee	8/16/79	G-0310
West Cameron	301	3513	Atlantic Richfield	6/17/80	G-0301
West Cameron	486	3517	Natamas	n.a.	G-0094
East Cameron	26	3527	Superior	6/17/80	S-0458
East Cameron	58	3530	Union	6/20/78	G-0062
East Cameron	129	3534	Texasgulf	3/10/78	G-0008
East Cameron	142	3536	Atlantic Richfield	4/25/79	G-0177
South Marsh Island	71	3553	Transco	10/12/79	G-0302
South Marsh Island	182	3556	Atlantic Richfield	4/25/79	G-0181
South Marsh Island	282	3559	Placid	4/14/78	G-0033
Eugene Island	33	3560	Shell	6/17/80	N-0553
Eugene Island	283	3568	Aminoil	3/10/78	G-0007
Eugene Island	299	3570	Union	6/26/78	G-0066
Eugene Island	300	3571	Amoco	n.a.	G-0077
Eugene Island	350	3572	Natamas	3/19/78	G-0001
Eugene Island	355	3574	Union	4/4/79	G-0199
Eugene Island	383	3575	Atlantic Richfield	10/31/79	G-0286
Ship Shoal	69	3577	Chevron	4/25/79	G-0178
	70	3578			
Ship Shoal	192	3586	Exxon	6/30/78	G-0070

Exploration Plans and Environmental Reports (Continued)

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
South Pelto	12 (E/2)	3588	Mesa	1/16/80	G-0372
South Pelto	18	3589	Mesa	2/5/80	S-0347
South Pelto	18	3589	Mesa	n.a.	G-0103
South Timbalier	39	3590	Marathon	3/10/78	G-0003
South Timbalier	87	3592	Ocean Production	4/25/79	G-0185
South Timbalier	195	3593	Gulf	4/25/80	S-0419
South Timbalier	195	3593	Gulf	9/12/79	G-0309
South Timbalier	302	3595	Atlantic Richfield	10/22/79	G-0289
Grand Isle	20	3596	Mobil	5/8/78	G-0042
Grand Isle	21	3597	Exxon	7/25/80	N-0562
Main Pass	302	3603	Tenneco	6/12/78	G-0059
Ship Shoal	170	3584	Tenneco	10/28/80	N-0607
	181	4231 ^c			

Availability: USGS.

^a Date records have been made available to the public.

^b This number is assigned to exploration plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

^c Indicates lease from another sale.

n.a. = Data not available.

LEASE SALE 45 (1978)

Exploration Plans and Environmental Reports

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
North Padre Island	1051	3722	Atlantic Richfield	4/25/79	G-0205
North Padre Island	948	3723	Atlantic Richfield	n.a.	G-0091
	956				
Mustang Island	765	3724	Tenneco	3/22/79	G-0208
Mustang Island	799	3725	Mobil	n.a.	G-0122
	815	3726			
Mustang Island	866	3727	Houston Oil & Minerals	n.a.	G-0141
Mustang Island	A-149	3728	American Natural Gas	n.a.	G-0080
Matagorda Island	634	3730	Cities Service	n.a.	G-0089
Matagorda Island	703	3733	Atlantic Richfield	n.a.	G-0106
Brazos	488	3734	Exxon	3/19/80	N-0469
Brazos	A-77	3736	Hunt Oil	n.a.	G-0112
Galveston	212	3737	Getty	n.a.	G-0145
Galveston	223	3738	Shell	4/25/79	G-0174
Galveston	420	3742	Aminoil	5/20/80	N-0507
Galveston	391	3740	Houston Oil & Minerals	n.a.	G-0160
	393	3741			
Galveston	A-129	3743	Mobil	n.a.	G-0127
	A-158	3744			
High Island	71	3745	Atlantic Richfield	n.a.	G-0126
High Island	109	3746	Atlantic Richfield	n.a.	G-0158
High Island	199	3747	Getty	4/4/79	G-0202

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
High Island	75	3748	Shell	4/25/79	G-0191
High Island	76	3749	Transco	n.a.	G-0148
High Island	A-395	3753	Union	9/14/80	N-0434
High Island	A-468	3754	Getty	4/25/79	G-0189
High Island	A-507	3755	Monsanto	n.a.	G-0083
High Island	A-522	3756	Pennzoil	n.a.	G-0079
High Island	A-551	3757	Pennzoil	7/10/78	G-0074
West Cameron	83	3760	Atlantic Richfield	n.a.	G-0085
West Cameron	137	3761	Exxon	6/20/78	G-0061
West Cameron	359	3762	SONAT	4/25/79	G-0176
	374	3763			
West Cameron	376	3764	Hamilton Brothers	10/12/79	G-0272
West Cameron	428	3765	Getty	4/25/79	G-0188
West Cameron	510	3766	Pennzoil	n.a.	G-0134
West Cameron	571	3767	Kerr-McGee	n.a.	G-0163
East Cameron	258	3771	Columbia Gas Development	n.a.	G-0095
East Cameron	267	3773	Union	7/6/79	G-0288
Vermilion	37	3774	Diamond Shamrock	8/29/80	S-0513
Vermilion	37	3774	Diamond Shamrock	8/9/79	G-0290
South Marsh Island	105	3775	Atlantic Richfield	n.a.	G-0121
South Marsh Island	106	3776	Conoco	n.a.	G-0093
South Marsh Island	133	3777	Conoco	n.a.	G-0114
Eugene Island	39	3779	Mobil	n.a.	G-0102
Eugene Island	56	3780	Marathon	n.a.	G-0196
Eugene Island	174	3782	Atlantic Richfield	n.a.	G-0150
Eugene Island	353	3783	Chevron	4/21/80	N-0502
Eugene Island	363	3784	Chevron	n.a.	G-0119
Eugene Island	364	3785	Marathon	4/4/79	G-0195
Eugene Island	364	3785	Marathon	8/12/80	S-0484
Eugene Island	372	3786	Union	n.a.	G-0097
Ship Shoal	61	3787	Kerr-McGee	4/25/79	G-0172
Ship Shoal	62	3788	Marathon	4/4/79	G-0194
Ship Shoal	118 (S/2)	3789	Mobil	3/27/80	N-0479
South Pelto	5	3791	Exxon	4/4/79	G-0197
South Pelto	15	3792	Union	n.a.	G-0182
Grand Isle	83	3793	Mobil	n.a.	G-0092
West Delta	26	3794	Transco	n.a.	G-0159
South Pass	29	3796	Shell	7/3/79	G-0257
Main Pass	60	3797	Ocean Production	10/4/79	G-0308
Main Pass	102	3798	Getty	4/4/79	G-0201
West Cameron	47	3801	Kerr-McGee	n.a.	G-0170
West Cameron	318	3802	Atlantic Richfield	4/25/79	G-0175
West Cameron	329	3804	Placid	n.a.	G-0130
East Cameron	365	3806	Texaco	10/4/79	G-0307
South Marsh Island	124	3808	Placid	n.a.	G-0167
Eugene Island	80	3809	Tenneco	4/4/79	G-0198
Eugene Island	107	3810	Atlantic Richfield	n.a.	G-0198
Eugene Island	108	3811	Texasgulf	1/16/80	G-0340
Eugene Island	108	3811	Texasgulf	n.a.	G-0101
Grand Isle	30	3816	Hunt Oil	n.a.	G-0151
Grand Isle	54	3817	Atlantic Richfield	4/4/79	G-0203
Mississippi Canyon	280	3818	Exxon	7/11/78	G-0075
Mississippi Canyon	282	3819	Phillips	n.a.	G-0169
	326	3821			
Mississippi Canyon	325	3820	Exxon	12/20/79	G-0375

Availability: USGS.

^a Date records have been made available to the public.^b This number is assigned to exploration plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

n.a. = Data not available.

LEASE SALE 65 (1978)

Exploration Plans and Environmental Reports

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Pensacola	973	3886	Mobil	11/20/80	N-0594
Destin Dome	529	3888	Shell	12/18/79	G-0328
Vernon	654	3903	Mobil	10/28/80	N-0616
Charlotte Harbor	144	3906	Gulf	8/12/80	N-0521
	145	3907			
Charlotte Harbor	265	3912	Shell	10/6/80	N-0608
Charlotte Harbor	628	3915	Mobil	10/15/80	N-0613
Charlotte Harbor	672	3917	Tenneco	2/22/80	G-0292
	716	3919			

Availability: USGS.

^a Date records have been made available to the public.

^b This number is assigned to exploration plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

LEASE SALE 51 (1978)

Exploration Plans and Environmental Reports

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
West Cameron	542	3970 2554 ^c	Chevron	5/14/79	G-0238
South Padre Island	1041	3924	Atlantic Richfield	12/18/79	G-0323
Mustang Island	A-51	3925	Shell	10/6/80	N-0600
Mustang Island	A-52	3926	Mobil	5/14/79	G-0233
Mustang Island	A-53	3927	Atlantic Richfield	10/2/79	G-0293
Mustang Island	A-174	3930	Gulf	5/20/80	G-0397
Mustang Island	A-175	3931	Gulf	5/20/80	G-0400
Matagorda Island	527	3932	Mobil	4/6/79	G-0230
Matagorda Island	673	3933	Mobil	6/15/79	G-0265
Brazos	451	3935	Atlantic Richfield	5/14/79	G-0248
Brazos	A-19	3936	Shell	11/16/79	G-0306
Brazos	A-22	3937	Amoco	2/22/80	N-0433
Brazos	A-23	3938	Shell	7/3/79	G-0282
Brazos	A-47	3940	Texasgulf	12/20/79	G-0351
Brazos	A-48	3941	Shell	3/14/79	G-0216
Brazos	A-106	3942	Shell	4/30/79	G-0246
Galveston	352	3943	Union	4/7/80	N-0472
High Island	107	3945	Atlantic Richfield	11/20/80	N-0618
High Island	A-416	3946	Tenneco	6/28/79	G-0267
High Island	A-523	3948	American Natural Gas	10/22/79	G-0297
High Island	A-552	3949	Transco	7/6/79	G-0278
High Island	A-284	3951	Transco	8/16/79	G-0300
High Island	A-345	3952	SONAT	4/25/79	G-0219
High Island	A-378	3953	Union	9/4/80	N-0442
High Island	A-397	3955	Union	9/4/80	N-0441
Sabine Pass	7	3956	Superior	3/22/79	G-0212
Sabine Pass	8	3957	Tenneco	1/29/80	S-0341
Sabine Pass	8	3957	Tenneco	5/16/79	G-0221

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Sabine Pass	10	3958	Shell	4/4/79	G-0228
Sabine Pass	13	3959	Tenneco	5/1/79	G-0224
West Cameron	194 (S/2)	3963	Mobil	3/27/80	N-0476
West Cameron	204	3964	Gulf	7/31/80	G-0389
West Cameron	239	3965	Atlantic Richfield	10/12/79	G-0305
West Cameron	282	3966	Hamilton Brothers	8/28/79	G-0304
West Cameron	312	3967	Atlantic Richfield	11/16/79	G-0315
West Cameron	478	3969	CNG	10/6/80	N-0605
West Cameron	569	3971	Tenneco	6/9/80	N-0542
West Cameron	597	3972	Chevron	5/25/79	G-0264
West Cameron	645	3973	Mobil	5/30/79	G-0254
East Cameron	51	3974	SONAT	11/16/79	G-0318
East Cameron	104	3975	Anadarko	6/28/79	G-0247
Vermilion	57	3977	Diamond Shamrock	4/7/80	S-0403
Vermilion	57	3977	Diamond Shamrock	8/9/79	G-0296
Vermilion	75	3978	Houston Oil & Minerals	6/1/79	G-0240
Vermilion	83	3979	Sohio	12/18/79	G-0345
Vermilion	104	3980	Atlantic Richfield	10/22/79	G-0294
Vermilion	202	3981	Hunt Oil	10/6/80	S-0536
Vermilion	202	3981	Hunt Oil	1/16/80	G-0331
Vermilion	263	3982	Tenneco	4/28/80	N-0503
Vermilion	264	3983	Getty	6/4/79	G-0234
Vermilion	337	3985	Gulf	10/28/80	G-0398
Vermilion	375	3986	CNG	7/9/79	G-0279
South Marsh Island	139	3989	Getty	5/14/79	G-0235
Eugene Island	45	3991	Shell	5/16/79	G-0241
Eugene Island	71	3992	Mobil	10/4/79	G-0312
Eugene Island	79	3993	Tenneco	5/20/80	N-0536
Eugene Island	278	3996	Cities Service	3/27/80	N-0455
Ship Shoal	148	3997	Hamilton Brothers	8/9/79	G-0295
Ship Shoal	182 (W/2)	3998	Mobil	3/28/80	N-0477
South Timbalier	53	4000	Union	6/22/79	G-0271
West Delta	87	4006	Oxy Petroleum	4/4/79	G-0210
West Delta	88	4006	Oxy Petroleum	5/23/79	G-0226
Main Pass	128	4009	Atlantic Richfield	12/18/79	G-0339
	129	4010			

Availability: USGS.

^aDate records have been made available to the public.

^bThis number is assigned to exploration plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

^cIndicates lease from another sale.

LEASE SALE 58 (1979)

Exploration Plans and Environmental Reports

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
North Padre Island	A-10	4062	Atlantic Richfield	5/13/80	N-0516
Matagorda Island	669	4065	Cities Service	1/29/80	N-0419
Brazos	A-69	4066	Atlantic Richfield	11/16/69	G-0336
Galveston	104	4067	Rutherford	1/16/80	G-0360
Galveston	A-126	4070	McMoRan	3/18/80	N-0453
Galveston	A-155	4071	Pennzoil	1/16/80	G-0352

Exploration Plans and Environmental Reports (Continued)

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Galveston	A-156	4072	McMoRan	5/20/80	N-0517
Galveston	A-187	4073	Gulf	3/17/80	G-0411
Galveston	A-190	4074	Union	3/28/80	N-0470
High Island	35	4075	Sohio	3/17/80	N-0457
High Island	38	4077	Placid	7/25/80	N-0563
High Island	39	4078	Superior	4/21/80	N-0499
High Island	A-441	4079	Union	2/15/80	N-0428
High Island	A-550	4081	Marathon	8/12/80	N-0571
Sabine Pass	18	4082	Tenneco	10/15/80	S-0542
Sabine Pass	18	4082	Tenneco	12/18/79	G-0325
West Cameron	55	4083	Placid	8/29/80	N-0565
West Cameron	55	4083	Placid	7/23/80	N-0565
West Cameron	170	4085	Shell	4/17/80	N-0493
West Cameron	215	4087	Transco	5/28/80	S-0439
West Cameron	215	4087	Transco	1/29/80	S-0348
West Cameron	215	4087	Transco	1/16/80	G-0361
West Cameron	161	4088	Transocean	2/12/80	N-0430
West Cameron	164	4089	Tenneco	1/29/80	N-0423
West Cameron	294	4090	Amoco	1/29/80	N-0421
West Cameron	370	4092	Mobil	3/18/80	N-0448
West Cameron	561	4094	Chevron	1/16/80	G-0367
West Cameron	610	4095	Mobil	3/28/80	N-0475
	615	4096			
East Cameron	24	4098	Mobil	3/18/80	N-0435
East Cameron	31	4099	SONAT	3/17/80	N-0454
East Cameron	239	4100	SONAT	8/29/80	S-0517
East Cameron	239	4100	SONAT	1/16/80	G-0355
East Cameron	240	4101	Shell	9/9/80	S-0522
East Cameron	240	4101	Shell	7/25/80	S-0468
East Cameron	240	4101	Shell	1/29/80	N-0417
Vermilion	36	4102	McMoRan	2/7/80	S-0353
Vermilion	36	4102	McMoRan	1/16/80	G-0371
Vermilion	72	4104	Shell	1/16/80	G-0377
Vermilion	288	4105	Chevron	3/28/80	G-0412
South Marsh Island	65	4106	Kerr-McGee	3/18/80	N-0432
South Marsh Island	97	4107	Placid	7/23/80	N-0566
South Marsh Island	98	4108	Transco	1/16/80	G-0383
South Marsh Island	99	4109	Exxon	1/16/80	G-0338
South Marsh Island	155	4110	Mesa	10/2/79	G-0324
Eugene Island	274	4113	Exxon	7/14/80	S-0479
Eugene Island	274	4113	Exxon	1/16/80	G-0380
South Pelto	21	4116	Amoco	2/5/80	N-0426
South Timbalier	50	4119	Kerr-McGee	8/12/80	S-0494
South Timbalier	50	4119	Kerr-McGee	7/23/80	S-0487
South Timbalier	50	4119	Kerr-McGee	4/21/80	S-0412
South Timbalier	50	4119	Kerr-McGee	1/16/80	G-0373
South Timbalier	75	4120	CNG	8/12/80	N-0583
Breton Sound	53	4122	Supron	3/18/80	N-0444
Breton Sound	56	4123	Chevron	5/20/80	N-0520
Main Pass	121	4124	Amoco	8/29/80	N-0587
Main Pass	37	4125	Shell	5/13/80	N-0515
Main Pass	310	4126	Shell	3/19/80	N-0461
Main Pass	313	4127	Gulf	1/16/80	G-0326
Corpus Christi	612	4128	Phillips	1/16/80	N-0418
	656	4129			
Green Canyon	19	4131	Shell	1/16/80	G-0378
	63	4132			
Green Canyon	63	4132	Shell	9/17/80	S-0527
Viosca Knoll	863	4133	Atlantic Richfield	10/6/80	S-0531
Viosca Knoll	863	4133	Atlantic Richfield	3/31/80	G-0384
Mississippi Canyon	198	4135	Phillips	1/16/80	G-0368
Matagorda Island	526	4136	Cities Service	10/31/79	G-0344
Matagorda Island	557	4137	Marathon	2/5/80	G-0388

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Matagorda Island	558	4138	Marathon	10/19/79	G-0332
	565				
Matagorda Island	558	4138	Marathon	8/6/80	S-0485
	565				
Matagorda Island	558	4138	Marathon	11/6/80	S-0550
	565				
Brazos	437	4140	Corpus Christi Oil & Gas	3/17/80	N-0451
Galveston	213	4142	Gulf	8/12/80	S-0501
Galveston	213	4142	Gulf	5/5/80	G-0410
Sabine Pass	17	4143	Shell	1/16/80	G-0376
Sabine Pass	3	4144	Superior	5/5/80	S-0413
Sabine Pass	3	4144	Superior	10/31/79	G-0335
Sabine Pass	5	4145	Superior	1/16/80	G-0353
	6	4146			
Sabine Pass	9	4146	Superior	11/16/79	G-0341
South Timbalier	11	4149	Transco	10/15/80	N-0602

Availability: USGS.

^a Date records have been made available to the public.

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LEASE SALE 58A (1979)

Exploration Plans and Environmental Reports

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
North Padre Island	947	4175	Atlantic Richfield	4/28/80	N-0501
North Padre Island	957	4175	Atlantic Richfield	5/5/80	N-0490
Mustang Island	759	4177	Atlantic Richfield	9/4/80	N-0592
Matagorda Island	566	4179	Exxon	6/17/80	N-0551
Matagorda Island	680	4180	Pennzoil	6/17/80	N-0550
Matagorda Island	709	4181	Atlantic Richfield	4/7/80	N-0488
Brazos	A-78	4182	Mobil	2/22/80	N-0439
Brazos	A-131	4183	Atlantic Richfield	5/5/80	N-0505
Galveston	239	4184	Union	9/17/80	N-0589
Galveston	424	4186	Tenneco	5/21/80	N-0540
High Island	A-514	4188	Gulf	5/13/80	G-0396
High Island	A-515	4189	Tenneco	3/17/80	N-0449
High Island	A-346	4190	Transco	6/9/80	N-0546
Sabine Pass	11	4191	Tenneco	1/29/80	N-0422
West Cameron	96	4192	Shell	3/17/80	N-0462
West Cameron	113	4193	Mobil	11/6/80	N-0595
West Cameron	199	4194	Atlantic Richfield	3/19/80	N-0460
West Cameron	393	4195	Phillips	6/5/80	N-0510
West Cameron	431	4196	Aminoil	7/2/80	N-0508
West Cameron	491	4198	Phillips	4/7/80	N-0465
East Cameron	25	4203	SONAT	10/28/80	N-0593
East Cameron	90	4204	Phillips	6/9/80	N-0544
East Cameron	105	4205	Atlantic Richfield	11/20/80	N-0620
Vermilion	27	4208	Amoco	3/18/80	N-0446
Vermilion	59	4209	Texasgulf	6/9/80	N-0539
Vermilion	273	4212	Mesa	2/5/80	G-0401

Exploration Plans and Environmental Reports (Continued)

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Vermilion	315	4215	Amoco	4/17/80	N-0484
Vermilion	381	4216	Mesa	2/15/80	G-0403
South Marsh Island	90	4217	Atlantic Richfield	8/29/80	N-0586
South Marsh Island	123	4219	Mobil	5/28/80	N-0526
South Marsh Island	156	4220	Mesa	1/30/80	G-0402
South Marsh Island	157	4221	Union	2/26/80	N-0438
Eugene Island	46	4222	Transco	6/9/80	N-0547
Eugene Island	297	4225	Union	3/27/80	N-0471
Eugene Island	303	4226	Kerr-McGee	9/17/80	N-0596
Eugene Island	375	4227	Atlantic Richfield	8/12/80	N-0575
Ship Shoal	156	4229	Gulf	9/9/80	G-0399
Ship Shoal	181	4231	Tenneco	3/20/80	N-0467
Ship Shoal	170	4231	Tenneco	10/28/80	N-0607
	181	3584 ^C			
Ship Shoal	250	4233	CNG	6/9/80	N-0552
South Pelto	1	4234	Amoco	5/13/80	N-0512
South Timbalier	16	4235	Transco	6/17/80	N-0532
South Timbalier	170	4237	Exxon	4/17/80	N-0480
South Timbalier	220	4238	Shell	10/6/80	N-0597
West Delta	34	4241	Tenneco	5/20/80	N-0538
West Delta	76	4242	Getty	4/7/80	N-0487
West Delta	86	4243 S/2	Marathon	8/12/80	S-0500
		2934 N/2 ^C			
West Delta	86	4243	Marathon	4/17/80	N-0481
South Pass	36	4246	Ocean Production	8/12/80	N-0578
South Pass	43	4248	Mobil	8/12/80	S-0505
South Pass	43	4248	Mobil	4/12/80	N-0489
South Pass	69	4249	Exxon	6/5/80	N-0534
South Pass	73	4250	Sohio	8/29/80	N-0584
Main Pass	303	4253	Conoco	4/17/80	N-0497
Ewing Bank	305	4254	Conoco	2/5/80	G-0392
Ewing Bank	306	4255	Exxon	8/29/80	N-0582
Mississippi Canyon	28	4256	Atlantic Richfield	10/15/80	N-0604
Brazos	436	4258	Atlantic Richfield	10/6/80	N-0601
Galveston	389	4259	Mesa	11/3/80	G-0404
Vermilion	330	4261	Exxon	3/19/80	N-0468
South Marsh Island	75	4262	Aminoil	5/13/80	N-0506
Main Pass	312	4264	Conoco	3/18/80	N-0431
Viosca Knoll	942	4267	Getty	4/7/80	N-0491

Availability: USGS.

^aDate records have been made available to the public.^bThis number is assigned to exploration plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.^cIndicates lease from another sale.

STEP 8. ENVIRONMENTAL ASSESSMENT FOR EXPLORATION

30 CFR 250.34-4
40 CFR 1500.4

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. Exploration for oil and gas has been determined to be an activity that typically does not create impacts that are individually or cumulatively significant. A categorical exclusion review (CER) is prepared for each exploration plan to assure that possibly significant impacts are not overlooked. This allows the exploration plan to be excluded from further NEPA review. Where potential for a significant impact or some controversy exists, an environmental assessment is prepared for the exploration plan. Both the

review and assessment focus particular attention on (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, either the CER or 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 41 (1976)**Environmental Assessments for Exploration**

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Vermilion	392	3329	Mesa	7/31/80	G-0406
The Elbow	915	3341	Mobil	10/6/80	N-0549

Availability: USGS:

^aDate records have been made available to the public.

^bThis number is assigned to environmental assessments when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

LEASE SALE 47 (1977)

Environmental Assessments for Exploration

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Matagorda Island	713	3466	McMoRan	8/29/80	N-0574
High Island	A-498	3479	Gulf	6/9/80	G-0394
West Cameron	301	3513	Atlantic Richfield	6/17/80	G-0301

Availability: USGS.

^aDate records have been made available to the public.

^bThis number is assigned to environmental assessments when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

LEASE SALE 45 (1978)

Environmental Assessments for Exploration

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
High Island	A-395	3753	Union	9/17/80	N-0434

Availability: USGS.

^aDate records have been made available to the public.

^bThis number is assigned to environmental assessments when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

LEASE SALE 65 (1978)

Environmental Assessments for Exploration

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Charlotte Harbor	144	3906	Gulf	10/6/80	N-0521
	145	3907			
Charlotte Harbor	265	3912	Shell	11/20/80	N-0608
Charlotte Harbor	628	3915	Mobil	11/20/80	N-0613

Availability: USGS.

^aDate records have been made available to the public.

^bThis number is assigned to environmental assessments when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

LEASE SALE 51 (1978)**Environmental Assessments for Exploration**

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Mustang Island	A-174	3930	Gulf	n.a.	G-0397
Mustang Island	A-175	3931	Gulf	n.a.	G-0400
High Island	A-378	3953	Union	9/17/80	N-0442
High Island	A-397	3955	Union	9/17/80	N-0441
West Cameron	194 (S/2)	3963	Mobil	4/24/80	N-0476

Availability: USGS.

^aDate records have been made available to the public.^bThis number is assigned to environmental assessments when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

n.a. = Data not available.

LEASE SALE 58 (1979)**Environmental Assessments for Exploration**

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
North Padre Island	A-10	4062	Atlantic Richfield	6/17/80	N-0516
Galveston	0213	4142	Gulf	5/6/80	G-0410

Availability: USGS.

^aDate records have been made available to the public.^bThis number is assigned to environmental assessments when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.**LEASE SALE 58A (1979)****Environmental Assessments for Exploration**

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
North Padre Island	947	4175	Atlantic Richfield	6/5/80	N-0501
North Padre Island	957	4176	Atlantic Richfield	5/5/80	N-0490
Matagorda Island	566	4179	Exxon	7/9/80	N-0551
Matagorda Island	709	4181	Atlantic Richfield	5/5/80	N-0488
Brazos	A-131	4183	Atlantic Richfield	6/5/80	N-0505
Vermilion	59	4209	Texasgulf	7/9/80	N-0539

Environmental Assessments for Exploration (Continued)

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
South Pelto	1	4234	Amoco	6/17/80	N-0512
West Delta	86 (S/2)	4243	Marathon	4/17/80	N-0481

Availability: USGS.

^aDate records have been made available to the public.

^bThis number is assigned to environmental assessments when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

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, re-worked, redrilled, or plugged.

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.

Many applications for permits to drill are processed in the Gulf of Mexico Region. More than 3,500 APD's have been submitted since January 1, 1978. The following tables show applications granted in the most recent 1-month period as of this writing.

SECTION 6 LEASES**Exploration Drilling Permits**

Area	Block No.	Lease No.	Operator	Well No.	Approval Date
Ship Shoal	63	057	Mobil	7	9/17/80
South Pelto	12	072	Ocean Production	17	9/16/80
South Pelto	12	072	Ocean Production	35	9/17/80
Grand Isle	52	0177	Conoco	2	10/17/80
West Delta	67 (S/2)	0179	Conoco	1	1/31/80
West Cameron	102	0247	Superior	11	9/23/80

Availability: USGS.

LEASE SALE 1 (1954)**Exploration Drilling Permits**

Area	Block No.	Lease No.	Operator	Well No.	Approval Date
Eugene Island	77	0466	Hunt Oil	5	10/14/80

Availability: USGS.

LEASE SALE 6 (1959)**Exploration Drilling Permits**

Area	Block No.	Lease No.	Operator	Well No.	Approval Date
South Pass	28	0694	Shell	199	10/15/80

Availability: USGS.

LEASE SALE 7 (1960)**Exploration Drilling Permits**

Area	Block No.	Lease No.	Operator	Well No.	Approval Date
Ship Shoal	214	0828	Kerr-McGee	K-3	9/19/80
Availability: USGS.					

LEASE SALE 12 (1964)**Exploration Drilling Permits**

Area	Block No.	Lease No.	Operator	Well No.	Approval Date
Vermilion	36	1357	Union	2	10/17/80
Availability: USGS.					

LEASE SALE 15 (1966)**Exploration Drilling Permits**

Area	Block No.	Lease No.	Operator	Well No.	Approval Date
East Cameron	76	1475	Union	7	10/20/80
Availability: USGS.					

LEASE SALE 22 (1970)**Exploration Drilling Permits**

Area	Block No.	Lease No.	Operator	Well No.	Approval Date
Eugene Island	257	2103	Cities Service	E-5	10/8/80
Availability: USGS.					

LEASE SALE 36 (1974)**Exploration Drilling Permits**

Area	Block No.	Lease No.	Operator	Well No.	Approval Date
East Cameron	237	2860	C&K	A-2	10/3/80
Eugene Island	10	2892	Transco	2	10/21/80
Eugene Island	10	2892	Transco	3	9/15/80
Main Pass	295	2956	Chevron	3	9/10/80
Availability: USGS.					

LEASE SALE 37 (1975)**Exploration Drilling Permits**

Area	Block No.	Lease No.	Operator	Well No.	Approval Date
Matagorda Island	555-L	3079	McMoRan	5	10/21/80
Matagorda Island	556	3080	Texasgulf	4	9/23/80
Availability: USGS.					

LEASE SALE 38 (1975)**Exploration Drilling Permits**

Area	Block No.	Lease No.	Operator	Well No.	Approval Date
Viosca Knoll	862	3208	Exxon	6	10/27/80
Availability: USGS.					

LEASE SALE 38A (1975)**Exploration Drilling Permits**

Area	Block No.	Lease No.	Operator	Well No.	Approval Date
Brazos	542	3222	Oxy Petroleum	4	10/28/80
High Island	A-508	3245	Kerr-McGee	A-1	9/15/80
High Island	A-508	3245	Kerr-McGee	A-3	10/31/80
High Island	A-331	3250	Mesa	2	9/22/80
High Island	A-331	3250	Mesa	3	10/16/80
Availability: USGS.					

LEASE SALE 41 (1976)**Exploration Drilling Permits**

Area	Block No.	Lease No.	Operator	Well No.	Approval Date
Eugene Island	345	3333	Marathon	9	10/6/80
Eugene Island	346	3334	Oxy Petroleum	4	10/23/80
Availability: USGS.					

LEASE SALE 44 (1976)**Exploration Drilling Permits**

Area	Block No.	Lease No.	Operator	Well No.	Approval Date
Vermilion	25	3390	McMoRan	12	10/3/80
Vermilion	25	3390	McMoRan	44	10/29/80
Eugene Island	352	3410	Aminoil	1	10/24/80
Availability: USGS.					

LEASE SALE 47 (1977)**Exploration Drilling Permits**

Area	Block No.	Lease No.	Operator	Well No.	Approval Date
West Cameron	107	3492	Superior	5	10/15/80
South Pelto	12 (E/2)	3588	Mesa	2	9/12/80
Availability: USGS.					

LEASE SALE 45 (1978)**Exploration Drilling Permits**

Area	Block No.	Lease No.	Operator	Well No.	Approval Date
High Island	199	3747	Getty	2	10/16/80
Eugene Island	364	3785	Marathon	3	10/22/80
Availability: USGS.					

LEASE SALE 51 (1978)**Exploration Drilling Permits**

Area	Block No.	Lease No.	Operator	Well No.	Approval Date
High Island	A-552	3949	Transco	2	10/21/80
West Cameron	204	3964	Gulf	2	10/22/80
West Cameron	312	3967	Atlantic Richfield	2	10/8/80
Vermilion	202	3981	Hunt Oil	2	10/8/80
Eugene Island	278	3996	Cities Service	1	10/6/80
South Timbalier	53	4000	Union	A-1	9/16/80

Availability: USGS.

LEASE SALE 58 (1979)**Exploration Drilling Permits**

Area	Block No.	Lease No.	Operator	Well No.	Approval Date
High Island	38	4077	Placid	1	10/31/80
Sabine Pass	18	4082	Tenneco	4	10/31/80
West Cameron	161	4088	Transocean	1	10/15/80
Breton Sound	56	4123	Chevron	2	10/16/80
Green Canyon	63	4132	Shell	2	9/5/80
Sabine Pass	9	4146	Superior	7	10/15/80
Sabine Pass	9	4146	Superior	8	10/15/80
South Timbalier	11	4149	Transco	1	10/17/80

Availability: USGS.

LEASE SALE 58A (1979)**Exploration Drilling Permits**

Area	Block No.	Lease No.	Operator	Well No.	Approval Date
West Cameron	199	4194	Davis Oil	1	10/21/80
Vermilion	315	4215	Amoco	1	10/2/80
Vermilion	381	4216	Mesa	3	9/29/80

Area	Block No.	Lease No.	Operator	Well No.	Approval Date
South Marsh Island	123	4219	Mobil	1	9/23/80
Eugene Island	46	4222	Transco	1	9/18/80
Eugene Island	297	4225	Union	1	10/14/80
Eugene Island	297	4225	Union	2	10/14/80
Eugene Island	375	4227	Atlantic Richfield	1	10/14/80
Ship Shoal	133	4228	Aminoil	1	10/17/80
Ship Shoal	156	4229	Gulf	1	9/17/80
West Delta	76	4242	Getty	1	10/10/80

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 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, and the Governors of affected States review and make recommendations to the U.S. Geological Survey on all development and production plans. In addition to the development and production plan, accompanying environmental reports must be submitted for activities off the coast of Florida or when drilling affects a State with a federally approved coastal zone management program (30 CFR 250.34; Federal Register, January 17, 1979, p. 3513-4527). As of December 15, 1980, the following Gulf Coast States had approved coastal plans: Alabama (1979), Louisiana (1980), and Mississippi (1980).

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 geo-

physical 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) 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 performed by the Governors of affected States.

SECTION 6 LEASES

Development and Production Plans and Environmental Reports

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
South Timbalier	54	019	Exxon	7/17/80	U-0141
	67	020			
Ship Shoal	72	057	Mobil	8/29/80	U-0148
	72	060			
Ship Shoal	113	064	Ocean Production	10/6/80	U-0153
Ship Shoal	113	067	Ocean Production	2/4/80	U-0100
	93	063			
	114	064			
	94	042			
	120	038			
	18	068			
South Pelto	19	073	Ocean Production	4/10/80	S-0406
Galveston	189	092	Mitchell Energy	4/28/80	S-0421
Grand Isle	47	0133	Conoco	10/15/80	U-0157
West Delta	58	0146	Conoco	8/12/80	S-0504
East Cameron	71	0163	Conoco	6/17/80	S-0448
	72	0148			
South Timbalier	23	0166	Chevron	4/10/80	U-0119
Grand Isle	43	0175	Conoco	4/7/80	U-0117
		0244			
West Cameron	71	0245	Superior	8/12/80	S-0507
		0246			
		0247			
Vermilion	26	0297	Union	4/10/80	U-0114
	36	1357 ^c			
Eugene Island	47	0317	Texaco	3/28/80	S-0382
Main Pass	40	0373	Chevron	6/17/80	U-0132
Main Pass	41	0374	Chevron	6/17/80	U-0132
Breton Sound	56	1373 ^c			
Main Pass	41	0374	Chevron	5/20/80	U-0122
Main Pass	41	0374	Chevron	3/19/80	U-0110
	37	1295 ^c			
South Pelto	11	071	Mobil	6/17/80	S-0456
Ship Shoal	68	2917 ^c			
South Pelto	9	2924			
	10	2925			
Vermilion	36	0297	Union	8/12/80	U-0147
	26	1357 ^c			
Main Pass	42	0375	Chevron	2/26/80	U-0106
Grand Isle	37	0392	Chevron	7/17/80	U-0140
South Timbalier	24	0387			
	23	0166			

Availability: USGS.

^aDate records have been made available to the public.^bThis number is assigned to development and production plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.^cIndicates lease from another sale.

LEASE SALE 1 (1954)**Development and Production Plans and Environmental Reports**

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Eugene Island	198	G0436	Placid	3/24/80	S-0378
	199	G0437			
Eugene Island	175	0438	Atlantic Richfield	10/28/80	S-0540
Eugene Island	175	0438	Atlantic Richfield	10/7/80	S-0540
Ship Shoal	130	0453	Gulf	8/29/80	S-0515
Ship Shoal	130	0453	Gulf	7/7/80	S-0400

Availability: USGS.

^aDate records have been made available to the public.^bThis number is assigned to development and production plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.**LEASE SALE 2 (1954)****Development and Production Plans and Environmental Reports**

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
High Island	140	0518	Chevron	10/6/80	S-0528

Availability: USGS.

^aDate records have been made available to the public.^bThis number is assigned to development and production plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

LEASE SALE 3 (1955)

Development and Production Plans and Environmental Reports

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Eugene Island	193	0572	Amoco	7/14/80	S-0470
Ship Shoal	177	0590	Amoco	5/12/80	S-0432
Grand Isle	38	0613	Atlantic Richfield	4/7/80	U-0118

Availability: USGS.

^aDate records have been made available to the public.

^bThis number is assigned to development and production plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

LEASE SALE 7 (1960)

Development and Production Plans and Environmental Reports

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
East Cameron	47	0767	Conoco	5/5/80	S-0423
South Marsh Island	33	0780	Amoco	6/17/80	S-0461
Eugene Island	196	0802	Texaco	5/13/80	U-0121
	204	0804			
	205	0805			
	206	0806			
	217	0807			
	218	0808			
	219	0809			
	227	0978 ^c			
Eugene Island	267	0812	Conoco	7/14/80	S-0477
Ship Shoal	169	0820	Gulf	7/23/80	S-0465
Ship Shoal	214	0828	Kerr-McGee	8/18/80	S-0493
Ship Shoal	219	0829	Amoco	5/14/80	S-0433
East Cameron	89	0935	Union	8/12/80	S-0502
Eugene Island	252	0983	Gulf	3/19/80	S-0375
Eugene Island	309	0997	Forest Oil	9/14/80	U-0150
Ship Shoal	224	1023	Ocean Production	4/7/80	S-0398

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Ship Shoal	224	1023	Ocean Production	3/27/80	S-0390
Ship Shoal	224	1023	Ocean Production	4/28/80	S-0415
	223	1526 ^c			

Availability: USGS.

^aDate records have been made available to the public.

^bThis number is assigned to development and production plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

^cIndicates lease from another sale.

LEASE SALE 9 (1962)

Development and Production Plans and Environmental Reports

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Eugene Island	227	0978	Texaco	5/13/80	U-0121
	196	0802 ^c			
	204	0804 ^c			
	205	0805 ^c			
	206	0806 ^c			
	217	0807 ^c			
	218	0808 ^c			
	219	0809 ^c			
Ship Shoal	239	1025	Kerr-McGee	9/4/80	S-0519
Ship Shoal	239	1025	Kerr-McGee	8/29/80	S-0512
Ship Shoal	239	1025	Kerr-McGee	5/9/80	S-0429
Ship Shoal	239	1026	Kerr-McGee	7/23/80	S-0489
Ship Shoal	241	1026	Shell	7/17/80	S-0475
Ship Shoal	247	1028	CNG	2/12/80	U-104
	248	1029			
	271	1038			
West Delta	35	1069	Amoco	8/29/80	S-0481
West Delta	72	1082	Exxon	6/17/80	S-0463
	93	1092			
West Delta	73	1083	Exxon	6/17/80	S-0453
West Delta	73	1083	Exxon	10/6/80	S-0532
	93	1092			
West Delta	74	1084	Exxon	1/29/80	S-0344
West Delta	75	1085	Amoco	8/18/80	S-0509
	90	1089			

Development and Production Plans and Environmental Reports (Continued)

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
West Delta	93	1092	Exxon	6/30/80	U-0134 U-0135 U-0136
West Delta	99	1096	Exxon	6/5/80	S-0445
	100	3188 ^c			
West Delta	117	1101	Gulf	6/9/80	S-0441

Availability: USGS.

^aDate records have been made available to the public.^bThis number is assigned to development and production plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.^cIndicates lease from another sale.

LEASE SALE 10 (1962)

Development and Production Plans and Environmental Reports

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Main Pass	37	1295	Chevron	3/19/80	U-0110
	41	0374 ^c			
Vermilion	171	1130	C&K	2/12/80	S-0352
Vermilion	250	1149	Tenneco	6/26/78	G-0064
	251	2873 ^c			
South Marsh Island	6	1177	Exxon	6/17/80	S-0450
South Marsh Island	11	1182	Texaco	6/17/80	S-0455
South Marsh Island	16	1184	Shell-Anadarko	9/4/80	S-0518
South Marsh Island	61	1196	Tenneco	7/2/80	S-0474
South Marsh Island	72	1204	Exxon	6/17/80	S-0451
	73	1205			
South Marsh Island	143	1217	Forest Oil	10/18/79	G-0314
South Timbalier	164	1250	Exxon	10/7/80	U-0156
	165	1251			
	171	1255			
South Timbalier	164	1250	Exxon	3/17/80	S-0380
	165	1251			
	177	1255			
South Timbalier	165	1251	Exxon	6/17/80	U-0128
South Timbalier	172	1255	Exxon	7/25/80	U-0145
South Timbalier	172	1256	Gulf	6/5/80	S-0443
Main Pass	299	1316	Chevron	4/7/80	U-0116

Availability: USGS.

^aDate records have been made available to the public.^bThis number is assigned to development and production plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.^cIndicates lease from another sale.

LEASE SALE 12 (1964)**Development and Production Plans and Environmental Reports**

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Vermilion	26	1357	Union	4/10/80	U-0114
	36	0297			
Vermilion	26	1357	Union	8/12/80	U-0147
	36	0297 ^C			
South Timbalier	26	1361	Shell	8/12/80	S-0482
		1870 ^C			
		2620 ^C			
Main Pass	41	1375	Chevron	6/17/80	U-0129
Breton Sound	56	0374 ^C			

Availability: USGS.

^aDate records have been made available to the public.^bThis number is assigned to development and production plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.^CIndicates lease from another sale.**LEASE SALE 16 (1967)****Development and Production Plans and Environmental Reports**

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Ship Shoal	223	1526	Ocean Production	4/28/80	S-0415
	224	1023 ^C			
South Timbalier	189	1572	Chevron	7/14/80	S-0471
	188	1899 ^C			
Grand Isle	32	1580	Conoco	7/25/80	S-0389
Grand Isle	32	1580	Conoco	3/28/80	S-0389
South Pass	60	1608	Atlantic Richfield	8/6/80	U-0144
South Pass	60	1608	Atlantic Richfield	4/25/80	S-0418
South Pass	65	1610	Shell	5/5/80	S-0424
Main Pass	133	1633	Chevron	7/23/80	N-0561
	132	2949 ^C			

Availability: USGS.

^aDate records have been made available to the public.^bThis number is assigned to development and production plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.^CIndicates lease from another sale.

LEASE SALE 19 (1968)**Development and Production Plans and Environmental Reports**

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
West Cameron	21	1859	Gulf	8/12/80	S-0498
South Timbalier	26	1870 1361 ^c 2620 ^c	Shell	8/12/80	S-0482
West Delta	79	1874	Marathon	3/28/80	U-0113

Availability: USGS.

^aDate records have been made available to the public.^bThis number is assigned to development and production plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.^cIndicates lease from another sale.**LEASE SALE 19A (1969)****Development and Production Plans and Environmental Reports**

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
South Timbalier	188 189	1899 1572 ^c	Chevron	7/14/80	S-0471

Availability: USGS.

^aDate records have been made available to the public.^bThis number is assigned to development and production plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.^cIndicates lease from another sale.**LEASE SALE 19B (1969)****Development and Production Plans and Environmental Reports**

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
South Timbalier	148	1960	C&K	7/25/80	S-0472

Availability: USGS.

^aDate records have been made available to the public.^bThis number is assigned to development and production plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

LEASE SALE 22 (1970)**Development and Production Plans and Environmental Reports**

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
West Cameron	45	1995	Chevron	4/25/79	G-0180
West Cameron	504	2006	American		G-0090
West Cameron	513	2007	Amoco	7/2/80	S-0473
	528	3385 ^c			
West Cameron	513	2007	Amoco	6/17/80	S-0447
West Cameron	639	2027	Sun Oil	9/4/80	N-0576
	648	4268 ^c			
East Cameron	222	2037	Amoco	5/13/80	S-0434
East Cameron	231	2038	SONAT	10/6/80	N-0590
	232	3537 ^c			
East Cameron	334	2062	Pennzoil	4/21/80	S-0367
	335	2439 ^c			
East Cameron	334	2062	Pennzoil	8/18/80	S-0496
	335	2439 ^c			
East Cameron	338	2063	Sun Oil	7/17/80	S-0478
Eugene Island	307	2110	Conoco	10/6/80	S-0535
Eugene Island	314	2111	Exxon	4/10/80	S-0404
Eugene Island	330	2115	Pennzoil	3/18/80	S-0371

Availability: USGS.

^aDate records have been made available to the public.^bThis number is assigned to development and production plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.^cIndicates lease from another sale.**LEASE SALE 23 (1971)****Development and Production Plans and Environmental Reports**

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
South Marsh Island	107	2130	Transco	3/16/78	G-0015
	114	3554 ^c			

Availability: USGS.

^aDate records have been made available to the public.^bThis number is assigned to development and production plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.^cIndicates lease from another sale.

LEASE SALE 24 (1972)

Development and Production Plans and Environmental Reports

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
South Pass	48	2176	Union	1/29/80	G-0269
South Pass	49	2177	Gulf	7/20/79	G-0263
Main Pass	311	2213	Conoco	n.a.	G-0142
Main Pass	311	2213	Conoco	8/18/80	N-0579
	312	4264 ^c			

Availability: USGS.

^aDate records have been made available to the public.

^bThis number is assigned to development and production plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

^cIndicates lease from another sale.

n.a. = Data not available.

LEASE SALE 25 (1972)

Development and Production Plans and Environmental Reports

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Eugene Island	392	2332	CNG	n.a.	G-0098
West Cameron	619	2233	Marathon	7/6/79	G-0213
West Cameron	624	2236	CNG	n.a.	G-0124
	625	2237			
Vermilion	348	2271	Mesa	7/5/78	G-0072
Vermilion	369	2274	Marathon	2/15/80	U-0105
	370	2275			
	386	2278			
Vermilion	370	2275	Shell	4/7/80	U-0108
South Marsh Island	257	2303	Houston Oil & Minerals	5/23/78	G-0025
South Marsh Island	261	2306	Conoco	2/12/80	S-0342
Eugene Island	360	2323	Chevron	3/17/80	G-0393
	361	3703 ^c			

Availability: USGS.

^aDate records have been made available to the public.

^bThis number is assigned to development and production plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

^cIndicates lease from another sale.

n.a. = Data not available.

LEASE SALE 26 (1973)

Development and Production Plans and Environmental Reports

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Eugene Island	384	2329	Allied Chemical	n.a.	G-0098
	385				
Galveston	A-131	2342	McMoRan	n.a.	G-0099
Galveston	A-157	2347	McMoRan	n.a.	G-0096
Galveston	A-156	2347	McMoRan	12/20/79	G-0358
	A-157	4072 ^c			
High Island	154	2357	Phillips	5/20/80	S-0426
	155	3115 ^c			
High Island	A-446	2359	McMoRan	6/13/79	G-0237
High Island	A-447	2360	McMoRan	4/28/80	S-0420
High Island	A-555	2384	Pennzoil	6/26/78	G-0068
High Island	A-570	2390	Exxon	10/28/80	N-0611
High Island	A-571	2391	CNG	n.a.	G-0107
High Island	A-273	2398	Aminoil	n.a.	G-0076
High Island	A-283	2404	Transocean	6/26/78	G-0065
High Island	A-312	2409	Mesa	8/14/79	G-0283
High Island	A-325	2416	Pennzoil	n.a.	G-0123
High Island	A-336	2424	Tenneco	n.a.	G-0105
High Island	A-341	2427	Amoco	n.a.	G-0131
High Island	447	2360	McMoRan	n.a.	G-0078
High Island	448	2361			
High Island	A-351	2429	Pennzoil	4/11/79	G-0214
High Island	A-368	2433			
High Island	A-351	2428	Pennzoil	6/5/80	U-0126
High Island	A-368	2433			
East Cameron	335	2439	Pennzoil	4/21/80	S-0367
	334	2062 ^c			
East Cameron	335	2439	Pennzoil	08/18/80	S-0492
	334	2062 ^c			

Availability: USGS.

^aDate records have been made available to the public.^bThis number is assigned to development and production plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.^cIndicates lease from another sale.

n.a. = Data not available.

LEASE SALE 33 (1974)

Development and Production Plans and Environmental Reports

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
West Cameron	182	2536	Chevron	11/16/79	G-0342
West Cameron	464	2545	McMoRan	6/5/80	N-0543

Development and Production Plans and Environmental Reports (Continued)

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
West Cameron	537	2551	Chevron	n.a.	G-0084
	552	2556			
West Cameron	552	2555	Chevron	n.a.	G-0018
	551	2556			
West Cameron	552	2556	Chevron	n.a.	G-0154
	560	3283 ^c			
East Cameron	359	2567	Anadarko	9/7/79	G-0211
Vermilion	372	2576	Exxon	6/17/80	S-0452
Vermilion	372	2576	Exxon	n.a.	G-0144
Vermilion	380	2580	Texaco	2/12/80	G-0385
South Marsh Island	252	2598	Tenneco	10/31/79	G-0268
Eugene Island	65	2603	Chevron	7/17/80	S-0480
Eugene Island	321	2610	Narmco	5/1/79	G-0231
South Timbalier	26	2620	Shell	8/12/80	S-0482
		1361 ^c			
		1870 ^c			
South Timbalier	31	2623	Oxy Petroleum	4/30/79	G-0227
Mississippi Canyon	192	2636	Atlantic Richfield	4/30/79	G-0209
	193	2637			
	148	2640			
Garden Banks	236	2632	Chevron	4/25/79	G-0179
	237	2812 ^c			
	192	3301 ^c			

Availability: USGS.

^aDate records have been made available to the public.

^bThis number is assigned to development and production plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

^cIndicates lease from another sale.

n.a. = Data not available.

LEASE SALE 34 (1974)

Development and Production Plans and Environmental Reports

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
East Breaks	158	2645	Union	7/2/80	N-0554
	159	2646			
East Breaks	160	2647	Union	1/30/80	G-0316
	161	2648			
East Breaks	109	2649	Zapata	12/18/79	G-0284
	110	2650			
East Cameron	38	2652	Ocean Production	6/28/79	G-0259
West Cameron	630	2650	Exxon	6/17/80	N-0519
	637	4097 ^c			
	631	4201 ^c			
	636	4202 ^c			
Brazos	A-17	2658	Tenneco	9/7/79	G-0261
	A-28	2659			

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Brazos	A-28	2659	Samedan	4/7/80	N-0458
Brazos	A-132	2664	Atlantic Richfield	3/19/80	N-0450
High Island	A-414	2685	Houston Oil & Minerals	9/17/80	S-0526
High Island	A-414	2685	Houston Oil & Minerals	10/22/79	G-0330
High Island	A-467	2688	Atlantic Richfield	7/14/80	S-0476
High Island	A-469	2689	Amoco	3/23/78	G-0021
High Island	A-542	2702	Sun Oil	11/16/79	G-0313
High Island	A-560	2711	Aminoil	10/6/80	S-0533
High Island	A-560	2711	Aminoil	6/26/78	G-0067
	A-561	2712			
High Island	A-562	2713	Zapata	5/13/80	N-0482
High Island	A-567	2715	Mesa	6/5/80	N-0500
High Island	A-568	2716	Marathon	5/23/79	G-0250
High Island	A-563	2719	Pennzoil	5/10/79	G-0206
	A-582	2719			
High Island	A-595	2721	Mobil	4/25/79	G-0190
		2722			
High Island	A-269	2723	Tenneco	5/26/78	G-0051
	A-270	2724			
	A-281	3377 ^c			
High Island	A-289	2728	McMoRan	12/18/79	G-0347
	A-290	2729			
High Island	A-343	2741	Exxon	4/1/80	S-0396
High Island	A-355	2745	Cities Service	4/14/78	G-0032
	A-356	2746			
High Island	A-389	2759	Mobil	6/5/78	G-0056

Availability: USGS.

^aDate records have been made available to the public.

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^cIndicates lease from another sale.

LEASE SALE S1 (1974)

Development and Production Plans and Environmental Reports

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
High Island	A-315	2786	Mesa	5/28/80	N-0541
West Cameron	525	2797	Marathon	8/28/79	G-0260
Garden Banks	237	2812	Chevron	4/25/79	G-1079
	236	2632 ^c			
	192	3301 ^c			

Availability: USGS.

^aDate records have been made available to the public.

^bThis number is assigned to development and production plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

^cIndicates lease from another sale.

LEASE SALE 36 (1974)

Development and Production Plans and Environmental Reports

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
West Cameron	22	2818	General American Oil	7/9/79	G-0266
West Cameron	65	2825	Shell	n.a.	G-0155
West Cameron	115	2828	Ocean Production	4/10/80	N-0473
	116	2829			
West Cameron	181	2831	Chevron	4/17/80	N-0495
West Cameron	205	2832	Atlantic Richfield	5/10/79	G-0245
	206	3496 ^c			
West Cameron	205	2832	Atlantic Richfield	3/28/80	S-0394
	206	3496 ^c			
West Cameron	205	2832	Atlantic Richfield	5/5/80	S-0428
	206	3496 ^c			
West Cameron	238	2834	Atlantic Richfield	3/28/80	S-0381
West Cameron	402	2843	Getty	n.a.	G-0136
West Cameron	426	2845	Columbia Gas Development	12/18/79	G-0329
	427	2846			
East Cameron	23	2853	Chevron	n.a.	G-0139
	34	2855			
East Cameron	237	2860	C&K	3/28/80	N-0452
Vermilion	23	2866	Mobil	6/23/78	G-0063
Vermilion	40	2869	Union	4/7/80	N-0466
Vermilion	155	2872	Tenneco	1/30/80	G-0346
Vermilion	251	2873	Tenneco	6/26/78	G-0064
	250	2873 ^c			
South Marsh Island	112	2879	Conoco	3/18/80	G-0337
	113	2880			
South Marsh Island	141	2885	Marathon	11/6/80	N-0606
	144	2886			
South Marsh Island	265	2890	Chevron	n.a.	G-0125
Eugene Island	24	2893	Ocean Production	8/12/80	N-0573
Eugene Island	242	2898	Conoco	10/4/79	G-0327
	243	2899			
Eugene Island	341	2914	Chevron	5/4/78	G-0041
Ship Shoal	68	2917	Mobil	6/17/80	S-0456
South Pelto	9	2924			
	10	2925			
	11	071 ^c			
Ship Shoal	91	2919	Atlantic Richfield	6/17/80	N-0437
Ship Shoal	92	2920	Atlantic Richfield	5/10/79	G-0218
South Pelto	10	2925	Mobil	10/15/80	S-0379
South Pelto	10	2925	Mobil	3/18/80	S-0379
South Timbalier	156	2928	Amoco	5/22/78	G-0049
West Delta	63	2933	Atlantic Richfield	12/18/79	G-0321
West Delta	86 N 1/2	2934	Marathon	10/15/80	N-0599
South Pass	33	2939	Chevron	10/15/80	N-0598
Main Pass	114	2948	Diamond Shamrock	6/15/79	G-0262
	115	3418 ^c			
	116	3419 ^c			
Main Pass	132	2949	Chevron	7/23/80	N-0561
	133	1633 ^c			
Main Pass	148	2950	Texoma	1/29/80	N-0420
	151	2951			

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Main Pass	295	2956	Chevron	6/5/80	N-0527
	145	4252 ^c			
Mississippi Canyon	487	2960	Chevron	5/13/80	N-0511
Mississippi Canyon	311	2968	Shell	5/3/78	G-0040

Availability: USGS.

^aDate records have been made available to the public.

^bThis number is assigned to development and production plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

^cIndicates lease from another sale.

n.a. = Data not available.

LEASE SALE 37 (1975)

Development and Production Plans and Environmental Reports

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
North Padre Island	A-42	2995	Transco	6/5/80	N-0531
North Padre Island	A-42	2995	Transco	n.a.	G-0146
Mustang Island	755	3018	Amoco	2/12/80	N-0425
Mustang Island	757	3019	Atlantic Richfield	4/17/80	N-0464
	762	3021			
	736	3022			
Mustang Island	758	3020	Chevron	3/18/80	G-0382
Mustang Island	831	3045	Superior	3/17/80	N-0447
Matagorda Island	556	3080	Texasgulf	4/21/80	N-0474
Matagorda Island	619	3086	Shell	10/4/79	G-0320
	620	3087			
Matagorda Island	623	3088	Amoco	8/29/80	N-0572
Mustang Island	A-21	3013	Shell	10/28/80	N-0609
High Island	155	3115	Phillips	5/20/80	S-0426
	154	2356 ^c			
High Island	490	3117	Shell	6/13/79	G-0285
High Island	A-499	3118	Pennzoil	4/7/80	N-0456

Availability: USGS.

^aDate records have been made available to the public.

^bThis number is assigned to development and production plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

^cIndicates lease from another sale.

n.a. = Data not available.

LEASE SALE 38 (1975)

Development and Production Plans and Environmental Reports

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Vermilion	21	3119	Shell	7/2/80	N-0556
Vermilion	213	3129	Chevron	8/29/80	N-0564
Vermilion	241	3132	Tenneco	4/5/78	G-0029
Eugene Island	26	3147	Texaco	6/5/80	N-0522
Eugene Island	72	3151	Texaco	10/4/79	G-0322
Eugene Island	136	3152	Shell	10/4/79	G-0317
Ship Shoal	84	3160	Amoco		G-0164
Ship Shoal	135	3164	Ocean Production	10/31/79	G-0354
South Timbalier	146	3176	Conoco	5/23/79	G-0253
West Delta	100	3188	Exxon	6/5/80	S-0445
	99	1096 ^c			
West Delta	119	3189	Texoma	10/28/80	N-0603
Mississippi Canyon	281	3205	Exxon	7/25/80	G-0409
	324	3605 ^c			
	280	3818 ^c			
	325	3820 ^c			
Mississippi Canyon	63	3206	Gulf	6/5/80	N-0537
North Padre Island	967	3218	Atlantic Richfield	4/17/80	N-0492
	968	3219			

Availability: USGS.

^aDate records have been made available to the public.^bThis number is assigned to development and production plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.^cIndicates lease from another sale.

LEASE SALE 38A (1975)

Development and Production Plans and Environmental Reports

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
High Island	139	3235	Superior	5/5/80	G-0365
High Island	A-443	3241	Union	5/16/79	G-0220
High Island	A-466	3242	Atlantic Richfield	8/6/80	S-0491
High Island	A-492	3243	Transco	5/12/78	G-0043
High Island	A-508	3245	Kerr-McGee	8/29/80	N-0588
West Cameron	81	3258	Chevron	7/23/80	N-0555
	82	3259			
	92	3260			
West Cameron	331	3275	Transocean	5/19/78	G-0045
West Cameron	333	3277	Gulf	5/12/80	S-0430
West Cameron	560	3283	Chevron	n.a.	G-0154
	552	2556 ^c			

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Garden Banks	192 237 236	3301 2632 ^C 2812 ^C	Chevron	4/25/79	G-0179
Availability: USGS.					
^a Date records have been made available to the public.					
^b This number is assigned to development and production plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.					
^C Indicates lease from another sale.					
n.a. = Data not available.					

LEASE SALE 41 (1976)

Development and Production Plans and Environmental Reports

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
High Island	A-280 A-286 A-287	3313 3486 ^C 3751 ^C	Exxon	5/22/78	G-0048
High Island	A-280 A-281 A-286	3313 3377 ^C 3486 ^C	Exxon	10/15/80	U-0152
Eugene Island	251	3331	Exxon	8/12/80	S-0499
Eugene Island	251	3331	Exxon	5/30/78	G-0054
Availability: USGS.					
^a Date records have been made available to the public.					
^b This number is assigned to development and production plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.					
^C Indicates lease from another sale.					

LEASE SALE 44 (1976)

Development and Production Plans and Environmental Reports

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Galveston	144	3374	Oxy Petroleum	n.a.	G-0108
High Island	A-281	3377	Tenneco	5/26/78	G-0051

Development and Production Plans and Environmental Reports (Continued)

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
High Island	A-269	2723 ^C	Tenneco	5/26/78	G-0051
	A-270	2724 ^C			
High Island	A-281	3377	Exxon	10/15/80	U-0152
	A-286	3486			
	A-280	3313 ^C			
West Cameron	264	3381	Superior	n.a.	G-0152
West Cameron	459	3383	Conoco	8/29/80	N-0580
West Cameron	528	3385	Amoco	7/2/80	S-0473
	513	2007 ^C			
West Cameron	601	3386	Atlantic Richfield	2/12/80	G-0364
East Cameron	336	3388	Transco	6/5/80	N-0514
Vermilion	25	3390	McMoRan	n.a.	G-0135
Vermilion	156	3395	Tenneco	1/30/80	G-0346
Eugene Island	302	3406	Texoma	10/28/80	N-0617
Ship Shoal	232	3413	Conoco	8/29/80	N-0585
West Delta	34	3414	Transco	5/13/80	S-0435
West Delta	34 N/2	3414	Transco	2/7/80	G-0379
Main Pass	115	3418	Diamond Shamrock	6/15/79	G-0262
Main Pass	116	3419			
	114	2948 ^C			

Availability: USGS.

^aDate records have been made available to the public.

^bThis number is assigned to development and production plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

^cIndicates lease from another sale.

n.a. = Data not available.

LEASE SALE 47 (1977)

Development and Production Plans and Environmental Reports

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Matagorda Island	664	3463	Transocean	6/11/79	G-0256
	665	3464			
Matagorda Island	686	3465	Cities Service	4/4/79	G-0193
Matagorda Island	A-7	3467	Shell	12/18/79	G-0343
	A-8				
Matagorda Island	A-7	3467	Shell	2/15/80	S-0365
	A-8	3468			
Brazos	504	3469	American Natural Gas	5/5/80	N-0494
Brazos	A-19	3472	Shell	3/28/80	G-0391
	A-20	3936 ^C			
High Island	A-285	3485	Union	6/17/80	S-0457
High Island	A-286	3486	Exxon	5/22/78	G-0048
	A-280	3313 ^C			
	A-287	3751 ^C			
West Cameron	206	3496	Atlantic Richfield	5/10/79	G-0245
	205	2832 ^C			

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
West Cameron	206	3496	Atlantic Richfield	3/28/80	G-0394
	205	2832 ^C			
West Cameron	206	3499	Atlantic Richfield	5/5/80	S-0428
	205	3502			
West Cameron	249	3518	Atlantic Richfield	4/21/80	N-0485
West Cameron	281	3502	Natomas	4/4/79	G-0207
West Cameron	493	3518	Tenneco	n.a.	G-0086
	499	3521			
West Cameron	494	3519	Mobil	n.a.	G-0109
West Cameron	498	3520	Transco	n.a.	G-0081
East Cameron	58	3530	Union	7/9/79	G-0270
East Cameron	232	3537	SONAT	10/2/79	G-0333
East Cameron	232	3537	SONAT	10/6/80	N-0590
	231	2038 ^C			
Vermilion	24	3543	Gulf	3/20/80	S-0393
Vermilion	58	3546	Transco	n.a.	G-0115
South Marsh Island	114	3554	Transco	3/16/78	G-0015
	107	2130 ^C			
Eugene Island	43	3561	Allied Chemical	9/5/79	G-0291
Eugene Island	294	3569	Texaco	7/25/80	N-0557
Eugene Island	354	3573	Mobil	9/9/80	S-0521
Eugene Island	354	3573	Mobil	5/25/79	G-0242
Ship Shoal	170	3584	Tenneco	n.a.	G-0156
Mississippi Canyon	324	3605	Exxon	7/25/80	G-0409
	281	3205 ^C			
	280	3818 ^C			
	325	3820 ^C			

Availability: USGS.

^aDate records have been made available to the public.^bThis number is assigned to development and production plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.^cIndicates lease from another sale.

n.a. = Data not available.

LEASE SALE 45 (1978)**Development and Production Plans and Environmental Reports**

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
North Padre Island	956	3723	Atlantic Richfield	6/5/80	N-0529
High Island	A-287	3751	Exxon	5/22/78	G-0048
	A-280	3313 ^C			
	A-286	3486 ^C			
Vermilion	37	3774	Diamond Shamrock	6/9/80	N-0518
South Marsh Island	106 (N/2)	3776	Conoco	2/5/80	G-0381
Grand Isle	83	3793	Mobil	6/17/80	N-0530
South Pass	29	3796	Shell	9/9/80	N-0591
Mississippi Canyon	267	3799	Exxon	6/17/80	N-0523
Vermilion	202	3807	Tenneco	5/10/79	G-0217
Eugene Island	107	3810	Atlantic Richfield	6/5/80	N-0528

Development and Production Plans and Environmental Reports (Continued)

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Mississippi Canyon	281	3818	Exxon	7/25/80	G-0409
	324	3820			
	280	3205 ^c			
	325	3605 ^c			
Availability: USGS.					
^a Date records have been made available to the public.					
^b This number is assigned to development and production plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.					
^c Indicates lease from another sale.					

LEASE SALE 51 (1978)

Development and Production Plans and Environmental Reports

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Mustang Island	A-65	3928	Tenneco	5/14/79	G-0251
Brazos	A-19	3936	Shell	3/28/80	G-0391
	A-20	3472 ^c			
High Island	A-416	3946	Tenneco	3/17/80	N-0436
High Island	A-284	3951	Transco	2/12/80	N-0443
Sabine Pass	8	3957	Tenneco	6/5/80	N-0524
	11	4191 ^c			
Sabine Pass	10	3958	Shell	3/18/80	G-0387
	17	4143 ^c			
Sabine Pass	13	3959	Tenneco	5/5/80	S-0427
Sabine Pass	13	3959	Tenneco	1/30/80	G-0334
East Cameron	104	3975	Anadarko	4/21/80	N-0496
Vermilion	57	3977	Diamond Shamrock	6/9/80	N-0513
Ship Shoal	295	3999	CNG	12/18/79	G-0303
South Timbalier	53	4000	Union	3/28/80	G-0415
South Timbalier	53	4000	Union	10/6/80	S-0539
South Timbalier	173	4000	Exxon	7/25/80	N-0558
Grand Isle	33	4002	Shell	6/5/80	N-0535
West Delta	46	4006	Houston Oil & Minerals	5/14/79	G-0239
Availability: USGS.					
^a Date records have been made available to the public.					
^b This number is assigned to development and production plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.					
^c Indicates lease from another sale.					

LEASE SALE 58 (1979)**Development and Production Plans and Environmental Reports**

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Galveston	A-126	4070	McMoRan	2/5/80	N-0427
Galveston	A-157	4072	McMoRan	12/20/79	G-0358
	A-156	2347 ^C			
High Island	105	4076	Rutherford	9/9/80	N-0581
	143	4265 ^C			
Sabine Pass	18	4082	Tenneco	6/5/80	N-0525
Sabine Pass	18	4082	Tenneco	10/15/80	S-0543
West Cameron	637	4097	Exxon	6/17/80	N-0519
	630	2650 ^C			
	631	4201 ^C			
	636	4202 ^C			
Vermilion	36	4102	McMoRan	4/10/80	N-0478
South Marsh Island	155	4110	Mesa	3/19/80	G-0407
	156	4220 ^C			
Main Pass	313	4127	Gulf	7/25/80	N-0560
Matagorda Island	526	4136	Cities Service	6/9/80	N-0548
Sabine Pass	10	4143	Shell	3/18/80	G-0387
	17	3958 ^C			
Sabine Pass	17	4143	Shell	6/17/80	S-0459
Sabine Pass	9	4146	Superior	6/9/80	N-0533

Availability: USGS.

^aDate records have been made available to the public.^bThis number is assigned to development and production plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.^CIndicates lease from another sale.**LEASE SALE 58A (1979)****Development and Production Plans and Environmental Reports**

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Sabine Pass	8	4191	Tenneco	6/5/80	N-0524
	11	3957 ^C			
West Cameron	631	4201	Exxon	6/17/80	N-0519
	636	4202 ^C			
	630	2650 ^C			
	637	4097 ^C			
Vermilion	273	4212	Mesa	11/20/80	G-0408

Development and Production Plans and Environmental Reports (Continued)

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
South Marsh Island	156	4220	Mesa	3/19/80	G-0407
	155	4110 ^c			
South Timbalier	170	4237	Exxon	11/20/80	N-0610
Main Pass	145	4252	Chevron	6/5/80	N-0527
	295	2956 ^c			
High Island	143	4265	Rutherford	9/9/80	N-0581
	105	4076 ^c			
West Cameron	648	4268	Sun Oil	9/4/80	N-0576
	639	2027 ^c			

Availability: USGS.

^aDate records have been made available to the public.

^bThis number is assigned to development and production plans and environmental reports when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

^cIndicates lease from another sale.

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. Development and production of oil and gas in the Gulf of Mexico has been determined to be an activity that typically does not create impacts that are individually or cumulatively significant. A categorical exclusion review (CER) is prepared for each development and production plan to assure that possibly significant impacts are not overlooked. This allows the development and production plan to be excluded from further NEPA review. Where potential for a significant impact or some controversy exists, an environmental assessment is prepared for the development and production plan. Both the review and the

environmental assessment focus particular attention on (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 environmental assessment is documented and advertised in the Federal Register.

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.

SECTION 6 LEASES

Environmental Assessments for Development and Production

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Galveston	189	092	Mitchell Energy	7/14/80	S-0421
West Cameron	71	0244	Superior	10/6/80	S-0507
		0245			
		0246			
		0247			
Main Pass	40	0373	Chevron	8/12/80	U-0132

Availability: USGS.

^aDate records have been made available to the public.^bThis number is assigned to environmental assessments when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

LEASE SALE 1 (1954)

Environmental Assessments for Development and Production

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Ship Shoal	130	0453	Gulf	n.a.	S-0400

Availability: USGS.

^aDate records have been made available to the public.^bThis number is assigned to environmental assessments when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

n.a. = Data not available.

LEASE SALE 3 (1955)

Environmental Assessments for Development and Production

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Ship Shoal	177	0590	Amoco	7/23/80	S-0432

Availability: USGS.

^aDate records have been made available to the public.^bThis number is assigned to environmental assessments when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

LEASE SALE 7 (1960)**Environmental Assessments for Development and Production**

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
East Cameron	47	0767	Conoco	6/5/80	S-0423
Ship Shoal	214	0828	Kerr-McGee	8/29/80	S-0493

Availability: USGS.

^aDate records have been made available to the public.^bThis number is assigned to environmental assessments when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.**LEASE SALE 9 (1962)****Environmental Assessments for Development and Production**

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
West Delta	99 100	1096 3188 ^c	Exxon	9/4/80	S-0445

Availability: USGS.

^aDate records have been made available to the public.^bThis number is assigned to environmental assessments when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.^cIndicates lease from another sale.**LEASE SALE 10 (1962)****Environmental Assessments for Development and Production**

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
South Marsh Island	61	1196	Tenneco	7/17/80	S-0474
South Timbalier	165	1251	Exxon	8/12/80	U-0128
South Timbalier	172	1256	Gulf	7/2/80	S-0443

Availability: USGS.

^aDate records have been made available to the public.^bThis number is assigned to environmental assessments when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

LEASE SALE 12 (1964)**Environmental Assessments for Development and Production**

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
South Timbalier	26	1361 1870 ^C 2620 ^C	Shell	8/29/80	S-0482

Availability: USGS.

^aDate records have been made available to the public.^bThis number is assigned to environmental assessments when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.^CIndicates lease from another sale.**LEASE SALE 16 (1967)****Environmental Assessments for Development and Production**

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
South Pass	60	1608	Atlantic Richfield	7/14/80	S-0418
South Pass	60	1608	Atlantic Richfield	8/29/80	U-0144

Availability: USGS.

^aDate records have been made available to the public.^bThis number is assigned to environmental assessments when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.**LEASE SALE 19 (1968)****Environmental Assessments for Development and Production**

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
South Timbalier	26	1870 1361 ^C 2620 ^C	Shell	8/29/80	S-0482

Availability: USGS.

^aDate records have been made available to the public.^bThis number is assigned to environmental assessments when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.^CIndicates lease from another sale.

LEASE SALE 22 (1970)

Environmental Assessments for Development and Production

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
West Cameron	639	2027	Sun Oil	9/17/80	N-0576
	648	4268 ^c			
Eugene Island	314	2111	Exxon	7/9/80	S-0404

Availability: USGS.

^aDate records have been made available to the public.

^bThis number is assigned to environmental assessments when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

^cIndicates lease from another sale.

LEASE SALE 25 (1972)

Environmental Assessments for Development and Production

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Eugene Island	360	2323	Chevron	n.a.	G-0393
	361	2324			
	353	3783 ^c			

Availability: USGS.

^aDate records have been made available to the public.

^bThis number is assigned to environmental assessments when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

^cIndicates lease from another sale.

n.a. = Data not available.

LEASE SALE 26 (1973)

Environmental Assessments for Development and Production

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
High Island	A-447	2360	McMoRan	7/14/80	S-0420

Availability: USGS.

^aDate records have been made available to the public.

^bThis number is assigned to environmental assessments when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

LEASE SALE 33 (1974)**Environmental Assessments for Development and Production**

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
South Timbalier	26	2620 1361 ^C 1870 ^C	Shell	8/29/80	S-0482

Availability: USGS.

^aDate records have been made available to the public.
^bThis number is assigned to environmental assessments when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.
^CIndicates lease from another sale.

LEASE SALE 34 (1974)**Environmental Assessments for Development and Production**

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Brazos	A-132	2664	Atlantic Richfield	6/17/80	N-0450
Brazos	A-28	2659	Samedan	7/17/80	N-0458
High Island	A-562	2713	Zapata	8/12/80	N-0482
High Island	A-567	2715	Mesa	10/6/80	N-0500

Availability: USGS.

^aDate records have been made available to the public.
^bThis number is assigned to environmental assessments when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

LEASE SALE 36 (1974)**Environmental Assessments for Development and Production**

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
West Cameron	115	2828	Ocean Production	8/1/80	N-0473
West Cameron	116	2829			
West Cameron	205	2832 ^C	Atlantic Richfield	7/23/80	S-0428
	206	3496 ^C			
East Cameron	237	2860	C&K	6/17/80	N-0452
Vermilion	40	2869	Union	7/31/80	N-0466
Ship Shoal	91	2919	Atlantic Richfield	7/31/80	N-0437

Environmental Assessments for Development and Production (Continued)

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Main Pass	148	2950	Texoma	n.a.	N-0420
	151	2951			
Main Pass	295	2956 ^c	Chevron	9/17/80	N-0527
	145	4252 ^c			
Mississippi Canyon	487	2960	Chevron	6/5/80	N-0511

Availability: USGS.

^aDate records have been made available to the public.

^bThis number is assigned to environmental assessments when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

^cIndicates lease from another sale.

n.a. = Data not available.

LEASE SALE 37 (1975)

Environmental Assessments for Development and Production

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Mustang Island	757	3019	Atlantic Richfield	8/6/80	N-0464
	762	3021			
	763	3022			
Matagorda Island	556	3080	Texasgulf	8/6/80	N-0474
High Island	A-499	3118	Pennzoil	6/17/80	N-0456

Availability: USGS.

^aDate records have been made available to the public.

^bThis number is assigned to environmental assessments when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

LEASE SALE 38 (1975)

Environmental Assessments for Development and Production

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
West Delta	100	3188	Exxon	9/4/80	S-0445
	99	1096 ^c			
Mustang Island	757	3019	Atlantic Richfield	8/6/80	N-0464
	762	3021 ^c			
	763	3022			
Vermilion	21	3119	Shell	7/9/80	N-0556
Eugene Island	26	3147	Texaco	7/23/80	N-0522

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Mississippi Canyon	281	3205	Exxon	7/25/80	G-409
	324	3605 ^c			
	280	3818 ^c			
	325	3820 ^c			
North Padre Island	967	3218	Atlantic Richfield	8/6/80	N-0492
	968	3219			

Availability: USGS.

^aDate records have been made available to the public.

^bThis number is assigned to environmental assessments when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

^cIndicates lease from another sale.

LEASE SALE 38A (1975)

Environmental Assessments for Development and Production

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
High Island	139	3235	Superior	6/5/80	G-0365
High Island	A-508	3245	Kerr-McGee	9/17/80	N-0588
West Cameron	333	3277	Gulf	6/5/80	S-0430

Availability: USGS.

^aDate records have been made available to the public.

^bThis number is assigned to environmental assessments when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

LEASE SALE 44 (1976)

Environmental Assessments for Development and Production

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
West Cameron	459	3383	Conoco	10/6/80	N-0580
East Cameron	336	3388	Transco	9/17/80	N-0514
West Delta	34	3414	Transco	6/17/80	S-0435
West Cameron	249	3499	Atlantic Richfield	n.a.	N-0485

Availability: USGS.

^aDate records have been made available to the public.

^bThis number is assigned to environmental assessments when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

n.a. = Data not available.

LEASE SALE 47 (1977)

Environmental Assessments for Development and Production

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
West Cameron	206	3496	Atlantic Richfield	7/23/80	S-0428
	205	2832 ^C			
Eugene Island	294	3569	Texaco	8/12/80	N-0557
Mississippi Canyon	324	3605	Exxon	7/25/80	G-0409
	281	3205 ^C			
	280	3818 ^C			
	325	3820 ^C			

Availability: USGS.

^aDate records have been made available to the public.

^bThis number is assigned to environmental assessments when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

^CIndicates lease from another sale.

LEASE SALE 45 (1978)

Environmental Assessments for Development and Production

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
North Padre Island	956	3723	Atlantic Richfield	8/6/80	N-0529
Vermilion	37	3774	Diamond Shamrock	10/15/80	N-0518
Eugene Island	353	3783	Chevron	n.a.	G-0393
	360	2323 ^C			
	361	2324 ^C			
Grand Isle	83	3793	Mobil	10/15/80	N-0530
Eugene Island	107	3810	Atlantic Richfield	10/6/80	N-0528
Mississippi Canyon	280	3818	Exxon	7/25/80	G-0409
	325	3820			
	281	3205 ^C			
	324	3605 ^C			

Availability: USGS.

^aDate records have been made available to the public.

^bThis number is assigned to environmental assessments when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

^CIndicates lease from another sale.

n.a. = Data not available.

LEASE SALE 51 (1978)**Environmental Assessments for Development and Production**

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Sabine Pass	8	3957	Tenneco	10/6/80	N-0524
	11	4191 ^C			
Sabine Pass	13	3959	Tenneco	7/17/80	S-0427
Vermilion	57	3977	Diamond Shamrock	7/31/80	N-0513

Availability: USGS.

^aDate records have been made available to the public.^bThis number is assigned to environmental assessments when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.^CIndicates lease from another sale.**LEASE SALE 58 (1979)****Environmental Assessments for Development and Production**

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Sabine Pass	18	4082	Tenneco	8/6/80	N-0525
Matagorda Island	526	4136	Cities Service	10/6/80	N-0548
Sabine Pass	17	4143	Shell	8/12/80	S-0459
Sabine Pass	9	4146	Superior	10/6/80	N-0533

Availability: USGS.

^aDate records have been made available to the public.^bThis number is assigned to environmental assessments when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

LEASE SALE 58A (1979)

Environmental Assessments for Development and Production

Area	Block No.	Lease No.	Operator	Date ^a	File Control No. ^b
Sabine Pass	11	4191	Tenneco	10/6/80	N-0524
	8	3957 ^c			
Main Pass	145	4252	Chevron	9/17/80	N-0527
	295	2956 ^c			
West Cameron	648	4268	Sun Oil	9/17/80	N-0576
	639	2027 ^c			

Availability: USGS.

^aDate records have been made available to the public.

^bThis number is assigned to environmental assessments when they are filed in the Public Records office. The alphabetic code is as follows: G or N - plans submitted for the first time; S - supplement to the initial plan or report; and U - unit plans.

^cIndicates lease from another sale.

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 (APD) 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, redrilled, or plugged.

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 (NPDES) permits from the Environmental Protection Agency.

More than 3,500 APD's have been submitted since January 1, 1978. The following tables show applications granted in the most recent 1-month period as of this writing.

SECTION 6 LEASES**Development and Production Drilling Permits**

Area	Block No.	Lease No.	Operator	Well No.	Approval Date
West Cameron	72	0245	Superior	F-3	10/20/80
West Cameron	72	0245	Superior	H-1	10/20/80
Availability: USGS.					

LEASE SALE 3 (1955)**Development and Production Drilling Permits**

Area	Block No.	Lease No.	Operator	Well No.	Approval Date
Ship Shoal	198	0593	Tenneco	I-7	10/23/80
Availability: USGS.					

LEASE SALE 9 (1962)**Development and Production Drilling Permits**

Area	Block No.	Lease No.	Operator	Well No.	Approval Date
Eugene Island	252	0983	Gulf	H-7	10/15/80
Eugene Island	309	0997	Forest Oil	H-3	9/9/80
Eugene Island	309	0997	Forest Oil	H-4	10/8/80
Ship Shoal	239	1025	Kerr-McGee	A-13	9/24/80
Ship Shoal	239	1025	Kerr-McGee	A-14	9/24/80
Ship Shoal	241	1026	Shell	A-15	9/26/80
Ship Shoal	253	1031	Union	E-1	9/16/80
Availability: USGS.					

LEASE SALE 10 (1962)**Development and Production Drilling Permits**

Area	Block No.	Lease No.	Operator	Well No.	Approval Date
South Marsh Island	11	1182	Texaco	43	9/15/80
South Timbalier	171	1255	Exxon	D-8	9/26/80
Availability: USGS.					

LEASE SALE 16 (1967)**Development and Production Drilling Permits**

Area	Block No.	Lease No.	Operator	Well No.	Approval Date
West Delta	138	1598	Anadarko	A-8	10/6/80
South Pass	93	1619	Exxon	A-13	9/30/80
Main Pass	313	1677	Marathon	F-17	9/29/80
Availability: USGS.					

LEASE SALE 23 (1971)**Development and Production Drilling Permits**

Area	Block No.	Lease No.	Operator	Well No.	Approval Date
South Marsh Island	107	2130	Transco	A-16	9/9/80
Availability: USGS.					

LEASE SALE 24 (1972)**Development and Production Drilling Permits**

Area	Block No.	Lease No.	Operator	Well No.	Approval Date
South Pass	78	2185	Pennzoil	A-12	9/30/80
Main Pass	311	2213	Conoco	B-4	9/10/80
Main Pass	311	2213	Conoco	B-5	10/8/80
Availability: USGS.					

LEASE SALE 25 (1972)**Development and Production Drilling Permits**

Area	Block No.	Lease No.	Operator	Well No.	Approval Date
West Cameron	624	2236	CNG	A-1	10/9/80
West Cameron	624	2236	CNG	A-8	10/9/80
West Cameron	625	2237	CNG	A-9	10/9/80
Vermilion	369	2274	Marathon	B-9	10/27/80
South Marsh Island	130	2280	Shell	D-15	9/9/80
Eugene Island	349	2322	Marathon	B-7	1/7/80
Eugene Island	349	2322	Marathon	B-8	9/9/80
Eugene Island	392	3232	CNG	A-8	10/23/80
Availability: USGS.					

LEASE SALE 26 (1973)**Development and Production Drilling Permits**

Area	Block No.	Lease No.	Operator	Well No.	Approval Date
High Island	A-442	2358	Union	A-12	9/25/80
High Island	A-446	2359	McMoRan	A-5	9/22/80
High Island	A-446	2359	McMoRan	A-11	10/21/80
High Island	A-351	2429	Pennzoil	A-2	10/28/80
East Cameron	335	2439	Pennzoil	C-7	10/3/80
Availability: USGS.					

LEASE SALE 33 (1974)**Development and Production Drilling Permits**

Area	Block No.	Lease No.	Operator	Well No.	Approval Date
East Cameron	359	2567	Anadarko	A-1	9/23/80
Vermilion	380	2580	Texaco	A-4	10/6/80
South Marsh Island	136	2588	Conoco	B-8	9/23/80
South Timbalier	29	2621	Gulf	F-3	10/17/80
South Timbalier	36	2624	Gulf	B-15	10/10/80
Garden Banks	236	2632	Chevron	A-7	10/20/80
Mississippi Canyon	194	2638	Shell	A-26	9/19/80
Mississippi Canyon	150	2642	Shell	A-32	10/9/80
Mississippi Canyon	150	2642	Shell	A-37	9/29/80
Mississippi Canyon	150	2642	Shell	A-41	10/27/80
Mississippi Canyon	151	2643	Shell	A-27	9/10/80
Mississippi Canyon	151	2643	Shell	A-39	10/8/80

Availability: USGS.

LEASE SALE 34 (1974)**Development and Production Drilling Permits**

Area	Block No.	Lease No.	Operator	Well No.	Approval Date
High Island	A-414	2685	Houston Oil & Minerals	A-5	10/16/80
High Island	A-467	2688	Atlantic Richfield	A-11	10/21/80
High Island	A-471	2690	McMoRan	A-6	10/21/80
High Island	A-471	2690	McMoRan	A-5	9/25/80
High Island	A-568	2716	Marathon	A-7	10/28/80
High Island	A-582	2719	Pennzoil	C-3	10/3/80
High Island	A-595	2721	Mobil	D-3	10/16/80
High Island	A-289	2728	McMoRan	A-1	10/3/80

Availability: USGS.

LEASE SALE 36 (1974)**Development and Production Drilling Permits**

Area	Block No.	Lease No.	Operator	Well No.	Approval Date
West Cameron	205	2832	Atlantic Richfield	B-1	10/15/80
West Cameron	426	2845	Columbia Gas Development	A-3	10/2/80
West Cameron	427	2846	Columbia Gas Development	A-2	10/2/80
Eugene Island	341	2914	Chevron	A-11	10/3/80
West Delta	109	2937	Texaco	A-1	11/3/80

Area	Block No.	Lease No.	Operator	Well No.	Approval Date
South Pass	60	2943	Atlantic Richfield	D-25	9/19/80
Main Pass	73	2947	Mobil	A-13	9/30/80
Mississippi Canyon	311	2968	Shell	A-7	10/1/80
Availability: USGS.					

LEASE SALE 38 (1975)**Development and Production Drilling Permits**

Area	Block No.	Lease No.	Operator	Well No.	Approval Date
Vermilion	144	3125	Shell	JA-4	9/23/80
Vermilion	397	3141	Mesa	A-11	9/22/80
Vermilion	397	3141	Mesa	A-12	9/24/80
Main Pass	72	3195	Mobil	A-14	10/29/80
Availability: USGS.					

LEASE SALE 41 (1976)**Development and Production Drilling Permits**

Area	Block No.	Lease No.	Operator	Well No.	Approval Date
South Timbalier	35	3336	Gulf	D-14	10/10/80
Availability: USGS.					

LEASE SALE 44 (1976)**Development and Production Drilling Permits**

Area	Block No.	Lease No.	Operator	Well No.	Approval Date
Ship Shoal	232	3413	Conoco	A-2	10/22/80
South Pass	57	3416	Pennzoil	A-9	10/10/80
Main Pass	72/74	3417	Mobil	B-5	6/30/80
Main Pass	72/74	3417	Mobil	C-7	9/25/80
Main Pass	72/74	3417	Mobil	C-8	9/26/80

Development and Production Drilling Permits (Continued)

Area	Block No.	Lease No.	Operator	Well No.	Approval Date
Main Pass	72/74	3417	Mobil	C-9	10/29/80
West Cameron	459	3383	Conoco	A-3	9/23/80
West Cameron	459	3383	Conoco	A-4	9/23/80
Availability: USGS.					

LEASE SALE 47 (1977)**Development and Production Drilling Permits**

Area	Block No.	Lease No.	Operator	Well No.	Approval Date
Sabine Pass	686	3465	Cities Service	A-8	9/23/80
Brazos	504	3469	ANR Production	A-3	10/16/80
West Cameron	249	3499	Atlantic Richfield	C-3	9/24/80
West Cameron	249	3499	Atlantic Richfield	C-4	9/24/80
East Cameron	58	3530	Union	A-3	10/2/80
Eugene Island	354	3573	Mobil	A-5	9/25/80
Eugene Island	354	3573	Mobil	A-4	10/14/80
Eugene Island	354	3573	Mobil	A-6	9/25/80
South Pelto	8	3587	Mesa	B-5	9/16/80
Availability: USGS.					

LEASE SALE 45 (1978)**Development and Production Drilling Permits**

Area	Block No.	Lease No.	Operator	Well No.	Approval Date
South Marsh Island	106 (N/2)	3776	Conoco	A-6	9/23/80
Availability: USGS.					

LEASE SALE 51 (1978)**Development and Production Drilling Permits**

Area	Block No.	Lease No.	Operator	Well No.	Approval Date
Sabine Pass	13	3959	Tenneco	A-4	9/10/80
Availability: USGS.					

LEASE SALE 58 (1979)**Development and Production Drilling Permits**

Area	Block No.	Lease No.	Operator	Well No.	Approval Date
High Island	A-441	4079	Union	A-13	10/28/80
Main Pass	313	4127	Gulf	3	9/19/80
Sabine Pass	17	4143	Shell	JB-3	9/22/80
Availability: USGS.					

LEASE SALE 58A (1979)**Development and Production Drilling Permits**

Area	Block No.	Lease No.	Operator	Well No.	Approval Date
Vermilion	27	4208	Amoco	A-3	10/15/80
Vermilion	273	4212	Mesa	4	10/17/80
West Delta	18	4245	Gulf	G-7	10/17/80
West Cameron	648	4268	Sun Oil	A-1	10/22/80
Availability: USGS.					

STEP 13. PIPELINES

30 CFR 250.18
43 CFR 3340

Once marketable quantities of oil or gas are found, a permit 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 held by the same lessee or operator. The USGS permit is granted by the Director of the Survey. 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 permit 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.

A computerized printout of pipeline permits by operator for the Gulf of Mexico OCS Region is available for a fee from U.S. Geological Survey, P.O. Box 7944, Metairie, LA 70010.

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 as long as production, drilling, or well reworking operations on that lease are approved by the Secretary of the Interior.

Details concerning production can be obtained from the Gulf of Mexico Summary Report (**Outer Continental Shelf Oil and Gas Activities in the Gulf of Mexico and their Onshore Impacts: A Summary Report, September 1980, U.S. Geological Survey Open File Report 80-864**) and the updates to that report.

Monthly and annual reports of operations in the Gulf of Mexico OCS Region are available for review at U.S. Geological Survey, Conservation Division, 147 Imperial Office Building, 3301 North Causeway Boulevard, Metairie, LA 70010.

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. Nonproducing 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.

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.

Industry can acquire geophysical data on the OCS only after obtaining an exploration permit from the U.S. Geological Survey. The Director may inspect and require submission, on a proprietary basis, copies of all data and information with regard to deep stratigraphic tests. 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 Department of Energy, 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 co-chaired by a State representative, who is elected by all the State representatives in the group, and by the OCS regional office manager or designee. The State representative's term of service is determined by all the State representatives in 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, each 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 OCS oil and gas development.

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 recommend a change in any study's scope, techniques, or cost.

Some regional studies are continued through subsequent leasing activities. These continuing studies establish environmental information for comparison with previously collected data to identify any significant changes in the quality and productivity of the human, marine, and coastal environments.

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 Information 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 Alabama, Florida, Louisiana, Mississippi, and Texas that are, or could be, involved in OCS-related activities are also presented (tables 2 through 6). These agencies, their addresses, phone numbers, and the names of people to contact are in appendix B.

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. The 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 their responses to the Secretary of the Interior or the Bureau of Land Management. The Secretary of the Interior may then incorporate the States' positions 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.

Alabama, Louisiana, and Mississippi respond under section 307 of the Coastal Zone Management Act because all three States have approved coastal zone management plans. Section 307 mandates that the States review exploration plans, development and production plans, and the activities described in detail in the plans for consistency with the State programs. Upon concurrence by the State with the consistency certification, all activities described in detail can be approved. Tables 2-6 indicate the agencies in each State of the Gulf of Mexico Region that are responsible for consistency certification concurrence. These agencies usually distribute the plans within their States 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 (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) after the receipt of the exploration plan or the development and production plan, 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, and ports. 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 Alabama, Florida, Louisiana, Mississippi, and Texas are listed in tables 7-11.

Federally funded State coastal zone management programs and coastal energy im-

pact 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 tables 7-11.

STATE AGENCY LISTINGS

State agencies involved in the OCS leasing process are presented in the following ten tables (tables 2-11). The first table for each State presents information on State agency involvement in response to Federal initiatives. The second table for each State outlines the functions (for example, the permitting of onshore facilities) that States generally carry out autonomously.

Table 2.—Alabama: participation in the Federal OCS process^a

FEDERAL OCS PROCESS	STATE AGENCY/OFFICE	TYPE OF PARTICIPATION
OCS ADVISORY BOARD	STATE OIL AND GAS BOARD	<ul style="list-style-type: none"> ● OCS Policy Committee Member
PROPOSED OCS OIL AND GAS LEASE SALE SCHEDULE	STATE OIL AND GAS BOARD	<ul style="list-style-type: none"> ● Comment, distribute, coordinate response
RESOURCE REPORTS	STATE OIL AND GAS BOARD	<ul style="list-style-type: none"> ● Comment, distribute, coordinate response
CALL FOR NOMINATIONS AND COMMENTS	STATE OIL AND GAS BOARD	<ul style="list-style-type: none"> ● Comment, distribute, coordinate response
TENTATIVE TRACT SELECTION NOTICE, STATE BRIEFING	STATE OIL AND GAS BOARD	<ul style="list-style-type: none"> ● Comment, distribute, coordinate response
PRE-SALE ENVIRONMENTAL IMPACT STATEMENT	STATE OIL AND GAS BOARD	<ul style="list-style-type: none"> ● Comment, coordinate response
	OFFICE OF STATE PLANNING AND FEDERAL PROGRAMS A-95 Clearinghouse	<ul style="list-style-type: none"> ● Distribute, coordinate response
PROPOSED NOTICE OF SALE	STATE OIL AND GAS BOARD	<ul style="list-style-type: none"> ● Comment, distribute, coordinate response
EXPLORATION PLAN AND ENVIRONMENTAL REPORT	STATE OIL AND GAS BOARD	<ul style="list-style-type: none"> ● Comment
	COASTAL AREA BOARD	<ul style="list-style-type: none"> ● Consistency certification concurrence
ENVIRONMENTAL ASSESSMENT AND EIS, IF NECESSARY, FOR EXPLORATION	STATE OIL AND GAS BOARD	<ul style="list-style-type: none"> ● Comment, coordinate response
	COASTAL AREA BOARD	<ul style="list-style-type: none"> ● Comment
	OFFICE OF STATE PLANNING AND FEDERAL PROGRAMS A-95 Clearinghouse	<ul style="list-style-type: none"> ● Distribute, coordinate response
APPLICATION FOR PERMIT TO DRILL, EXPLORATION ^b	STATE OIL AND GAS BOARD	<ul style="list-style-type: none"> ● Comment
DEVELOPMENT AND PRODUCTION PLAN AND ENVIRONMENTAL REPORT	STATE OIL AND GAS BOARD	<ul style="list-style-type: none"> ● Comment

Table 2.—Alabama: participation in the Federal OCS process^a (continued)

FEDERAL OCS PROCESS	STATE AGENCY/OFFICE	TYPE OF PARTICIPATION
ENVIRONMENTAL ASSESSMENT AND EIS, IF NECESSARY, FOR DEVELOPMENT AND PRODUCTION	COASTAL AREA BOARD	<ul style="list-style-type: none"> Consistency certification concurrence
	STATE OIL AND GAS BOARD	<ul style="list-style-type: none"> Comment, coordinate response
	COASTAL AREA BOARD	<ul style="list-style-type: none"> Comment
	OFFICE OF STATE PLANNING AND FEDERAL PROGRAMS A-95 Clearinghouse	<ul style="list-style-type: none"> Distribute, coordinate response
APPLICATION FOR PERMIT TO DRILL, DEVELOPMENT AND PRODUCTION ^b	STATE OIL AND GAS BOARD	<ul style="list-style-type: none"> Comment
PIPELINE PERMIT ^b (Federal water)	STATE OIL AND GAS BOARD	<ul style="list-style-type: none"> Comment
	COASTAL AREA BOARD	<ul style="list-style-type: none"> Consistency certification concurrence
INTERGOVERNMENTAL PLANNING PROGRAM (ongoing)	STATE OIL AND GAS BOARD	<ul style="list-style-type: none"> Regional Technical Working Group Committee Member
GEOLOGICAL AND GEOPHYSICAL ANALYSIS (ongoing)	STATE OIL AND GAS BOARD	<ul style="list-style-type: none"> Nonproprietary: Comment
	GEOLOGICAL SURVEY	<ul style="list-style-type: none"> Nonproprietary: Comment
	COASTAL AREA BOARD	<ul style="list-style-type: none"> Nonproprietary: Comment
	GOVERNOR'S OFFICE Special Appointed Official	<ul style="list-style-type: none"> Proprietary: Section 26 (d)(2)(e) review
REGIONAL ENVIRONMENTAL STUDIES (ongoing)	STATE OIL AND GAS BOARD	<ul style="list-style-type: none"> Regional Technical Working Group Committee Member

Table 2.—Alabama: participation in the Federal OCS process^a (continued)

FEDERAL OCS PROCESS	STATE AGENCY/OFFICE	TYPE OF PARTICIPATION
OCS OIL AND GAS INFORMATION PROGRAM (ongoing)	GEOLOGICAL SURVEY State Geologist ^c	<ul style="list-style-type: none"> • Comment, distribute information

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

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

^cGovernor'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 3.—Florida: participation in the Federal OCS process^a

FEDERAL OCS PROCESS	STATE AGENCY/OFFICE	TYPE OF PARTICIPATION
OCS ADVISORY BOARD	STATE UNIVERSITY SYSTEM OF FLORIDA Institute for Oceanography OCS Representative Member	<ul style="list-style-type: none"> ● OCS Policy Committee
PROPOSED OCS OIL AND GAS LEASE SALE SCHEDULE	OFFICE OF THE GOVERNOR Office of Planning and Budgeting OCS Clearinghouse	<ul style="list-style-type: none"> ● Comment, distribute, ^b coordinate response
	STATE UNIVERSITY SYSTEM OF FLORIDA Institute for Oceanography OCS Representative	<ul style="list-style-type: none"> ● Comment^c
RESOURCE REPORTS	OFFICE OF THE GOVERNOR Office of Planning and Budgeting OCS Clearinghouse	<ul style="list-style-type: none"> ● Comment, distribute, ^b coordinate response
	STATE UNIVERSITY SYSTEM OF FLORIDA Institute for Oceanography OCS Representative	<ul style="list-style-type: none"> ● Comment^c
CALL FOR NOMINATIONS AND COMMENTS	OFFICE OF THE GOVERNOR Office of Planning and Budgeting OCS Clearinghouse	<ul style="list-style-type: none"> ● Comment, distribute, ^b coordinate response
	STATE UNIVERSITY SYSTEM OF FLORIDA Institute for Oceanography OCS Representative	<ul style="list-style-type: none"> ● Comment^c
TENTATIVE TRACT SELECTION NOTICE, STATE BRIEFING	OFFICE OF THE GOVERNOR Office of Planning and Budgeting OCS Clearinghouse	<ul style="list-style-type: none"> ● Comment, distribute, ^b coordinate response
	STATE UNIVERSITY SYSTEM OF FLORIDA Institute for Oceanography OCS Representative	<ul style="list-style-type: none"> ● Comment^c
PRE-SALE ENVIRONMENTAL IMPACT STATEMENT	OFFICE OF THE GOVERNOR Office of Planning and Budgeting OCS Clearinghouse A-95 Clearinghouse	<ul style="list-style-type: none"> ● Comment ● Distribute, coordinate response

Table 3.—Florida: participation in the Federal OCS process^a (continued)

FEDERAL OCS PROCESS	STATE AGENCY/OFFICE	TYPE OF PARTICIPATION
PROPOSED NOTICE OF SALE	STATE UNIVERSITY SYSTEM OF FLORIDA Institute for Oceanography OCS Representative	● Comment ^c
	OFFICE OF THE GOVERNOR Office of Planning and Budgeting OCS Clearinghouse	● Comment, distribute, coordinate response ^b
EXPLORATION PLAN AND ENVIRONMENTAL REPORT	STATE UNIVERSITY SYSTEM OF FLORIDA Institute for Oceanography OCS Representative	● Comment ^c
	OFFICE OF THE GOVERNOR Office of Planning and Budgeting OCS Clearinghouse	● Comment
	STATE UNIVERSITY SYSTEM OF FLORIDA Institute for Oceanography OCS Representative	● Comment ^c
	DEPARTMENT OF ENVIRONMENTAL REGULATION Division of Environmental Programs Office of Coastal Zone Management	● Consistency certification, concurrence ^d
ENVIRONMENTAL ASSESSMENT AND EIS, IF NECESSARY, FOR EXPLORATION	OFFICE OF THE GOVERNOR Office of Planning and Budgeting OCS Clearinghouse A-95 Clearinghouse	● Comment ● Distribute, coordinate response
	STATE UNIVERSITY SYSTEM OF FLORIDA Institute for Oceanography OCS Representative	● Comment ^c
	DEPARTMENT OF ENVIRONMENTAL REGULATION Division of Environmental Programs Office for Coastal Zone Management	● Comment
APPLICATION FOR PERMIT TO DRILL, EXPLORATION ^e	OFFICE OF THE GOVERNOR Office of Planning and Budgeting OCS Clearinghouse	● Comment

Table 3.—Florida: participation in the Federal OCS process^a (continued)

FEDERAL OCS PROCESS	STATE AGENCY/OFFICE	TYPE OF PARTICIPATION
DEVELOPMENT AND PRODUCTION PLAN AND ENVIRONMENTAL REPORT	STATE UNIVERSITY SYSTEM OF FLORIDA Institute for Oceanography OCS Representative	● Comment ^c
	DEPARTMENT OF ENVIRONMENTAL REGULATION Division of Environmental Programs Office of Coastal Zone Management	● Comment
	OFFICE OF THE GOVERNOR Office of Planning and Budgeting OCS Clearinghouse	● Comment
	STATE UNIVERSITY SYSTEM OF FLORIDA Institute for Oceanography OCS Representative	● Comment ^c
	DEPARTMENT OF ENVIRONMENTAL Division of Environmental Programs Office of Coastal Zone Management	● Consistency certification concurrence ^d
ENVIRONMENTAL ASSESSMENT AND EIS, IF NECESSARY, FOR DEVELOPMENT AND PRODUCTION	OFFICE OF THE GOVERNOR Office of Planning and Budgeting OCS Clearinghouse A-95 Clearinghouse	● Comment ● Distribute, coordinate response
	STATE UNIVERSITY SYSTEM OF FLORIDA Institute for Oceanography OCS Representative	● Comment ^c
	DEPARTMENT OF ENVIRONMENTAL REGULATION Division of Environmental Programs Office of Coastal Zone Management	● Comment
APPLICATION FOR PERMIT TO DRILL, DEVELOPMENT AND PRODUCTION ^e	OFFICE OF THE GOVERNOR Office of Planning and Budgeting OCS Clearinghouse	● Comment
	STATE UNIVERSITY SYSTEM OF FLORIDA Institute for Oceanography OCS Representative	● Comment ^c

Table 3.—Florida: participation in the Federal OCS process^a (continued)

FEDERAL OCS PROCESS	STATE AGENCY/OFFICE	TYPE OF PARTICIPATION
PIPELINE PERMIT ^e (Federal water)	DEPARTMENT OF ENVIRONMENTAL REGULATION Division of Environmental Programs Office of Coastal Zone Management	<ul style="list-style-type: none"> • Comment
	OFFICE OF THE GOVERNOR Office of Planning and Budgeting OCS Clearinghouse	<ul style="list-style-type: none"> • Comment
	STATE UNIVERSITY SYSTEM OF FLORIDA Institute for Oceanography OCS Representative	<ul style="list-style-type: none"> • Comment^c
	DEPARTMENT OF ENVIRONMENTAL REGULATION Division of Environmental Programs Office of Coastal Zone Management	<ul style="list-style-type: none"> • Consistency certification^d concurrence
INTERGOVERNMENTAL PLANNING PROGRAM (ongoing)	OFFICE OF THE GOVERNOR Office of Planning and Budgeting OCS Clearinghouse	<ul style="list-style-type: none"> • Regional Technical Working Group Committee Member, Gulf of Mexico
	STATE UNIVERSITY SYSTEM OF FLORIDA Institute of Oceanography OCS Representative	<ul style="list-style-type: none"> • Regional Technical Working Group Committee Member, South Atlantic
GEOLOGICAL AND GEOPHYSICAL ANALYSIS (ongoing)	OFFICE OF THE GOVERNOR Office of Planning and Budgeting OCS Clearinghouse	<ul style="list-style-type: none"> • Nonproprietary: Comment
	Special Appointed Official	<ul style="list-style-type: none"> • Proprietary: Section 26 (d)(2)(e) review
	STATE UNIVERSITY SYSTEM OF FLORIDA Institute for Oceanography OCS Representative	<ul style="list-style-type: none"> • Nonproprietary: Comment

Table 3.—Florida: participation in the Federal OCS process^a (continued)

FEDERAL OCS PROCESS	STATE AGENCY/OFFICE	TYPE OF PARTICIPATION
REGIONAL ENVIRONMENTAL STUDIES (ongoing)	DEPARTMENT OF ENVIRONMENTAL REGULATION Division of Environmental Programs Office of Coastal Zone Management	● Nonproprietary: Comment
	DEPARTMENT OF NATURAL RESOURCES Bureau of Geology	● Nonproprietary: Comment
	STATE UNIVERSITY SYSTEM OF FLORIDA Institute for Oceanography OCS Representative	● Regional Technical Working Group Committee Member, South Atlantic
OCS OIL AND GAS INFORMATION PROGRAM (ongoing)	DEPARTMENT OF ADMINISTRATION Division of State Planning ^f	● Comment, distribute information

^aThe Florida Coastal Management Program is expected to receive Federal approval in August 1981.

^bThe OCS Clearinghouse is an interagency body with representatives from the Department of Environmental Regulation, the Department of Natural Resources, Game and Fresh Water Fish Commission, the Department of State, the Department of Transportation, a Citizen Environmental Group, the Department of Community Affairs, the Department of Commerce, the Attorney General's Office, the OCS Representative of the Institute of Oceanography and the Florida Petroleum Council.

^cThe OCS Representative in the Institute for Oceanography works closely with the OCS Clearinghouse in this process.

^dWhen the State CZM Program receives Federal approval.

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

^fGovernor'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 4.—Louisiana: participation in the Federal OCS process^a

FEDERAL OCS PROCESS	STATE AGENCY/OFFICE	TYPE OF PARTICIPATION
OCS ADVISORY BOARD	DEPARTMENT OF NATURAL RESOURCES Office of the Secretary	<ul style="list-style-type: none"> ● OCS Policy Committee Member
PROPOSED OCS OIL AND GAS LEASE SALE SCHEDULE	DEPARTMENT OF NATURAL RESOURCES Office of the Secretary	<ul style="list-style-type: none"> ● Comment, distribute, coordinate response
RESOURCE REPORTS	DEPARTMENT OF NATURAL RESOURCES Office of the Secretary	<ul style="list-style-type: none"> ● Comment, distribute, coordinate response
CALL FOR NOMINATIONS AND COMMENTS	DEPARTMENT OF NATURAL RESOURCES Office of the Secretary	<ul style="list-style-type: none"> ● Comment, distribute, coordinate response
TENTATIVE TRACT SELECTION NOTICE, STATE BRIEFING	DEPARTMENT OF NATURAL RESOURCES Office of the Secretary	<ul style="list-style-type: none"> ● Comment, distribute, coordinate response
PRE-SALE ENVIRONMENTAL IMPACT STATEMENT	DEPARTMENT OF NATURAL RESOURCES Office of the Secretary	<ul style="list-style-type: none"> ● Comment
	DEPARTMENT OF URBAN AND COMMUNITY AFFAIRS A-95 Clearinghouse	<ul style="list-style-type: none"> ● Distribute, coordinate response
PROPOSED NOTICE OF SALE	DEPARTMENT OF NATURAL RESOURCES Office of the Secretary	<ul style="list-style-type: none"> ● Comment, distribute, coordinate response
EXPLORATION PLAN AND ENVIRONMENTAL REPORT	DEPARTMENT OF NATURAL RESOURCES Office of the Secretary	<ul style="list-style-type: none"> ● Comment
	DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT Office of the Secretary Coastal Management Section	<ul style="list-style-type: none"> ● Consistency certification concurrence
ENVIRONMENTAL ASSESSMENT AND EIS, IF NECESSARY, FOR EXPLORATION	DEPARTMENT OF NATURAL RESOURCES Office of the Secretary	<ul style="list-style-type: none"> ● Comment, coordinate response
	DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT Office of the Secretary Coastal Management Section	<ul style="list-style-type: none"> ● Comment

Table 4.—Louisiana: participation in the Federal OCS process^a (continued)

FEDERAL OCS PROCESS	STATE AGENCY/OFFICE	TYPE OF PARTICIPATION
APPLICATION FOR PERMIT TO DRILL, EXPLORATION ^b	DEPARTMENT OF URBAN AND COMMUNITY AFFAIRS A-95 Clearinghouse	<ul style="list-style-type: none"> • Distribute, coordinate response
	DEPARTMENT OF NATURAL RESOURCES Office of the Secretary	<ul style="list-style-type: none"> • Comment
	DEPARTMENT OF NATURAL RESOURCES Office of the Secretary	<ul style="list-style-type: none"> • Comment
	DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT Office of the Secretary Coastal Management Section	<ul style="list-style-type: none"> • Consistency certification concurrence
DEVELOPMENT AND PRODUCTION PLAN AND ENVIRONMENTAL REPORT	DEPARTMENT OF NATURAL RESOURCES Office of the Secretary	<ul style="list-style-type: none"> • Comment, coordinate response
	DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT Office of the Secretary Coastal Management Section	<ul style="list-style-type: none"> • Comment
	DEPARTMENT OF URBAN AND COMMUNITY AFFAIRS A-95 Clearinghouse	<ul style="list-style-type: none"> • Distribute, coordinate response
ENVIRONMENTAL ASSESSMENT AND EIS, IF NECESSARY, FOR EXPLORATION	DEPARTMENT OF NATURAL RESOURCES Office of the Secretary	<ul style="list-style-type: none"> • Comment, coordinate response
APPLICATION FOR PERMIT TO DRILL, DEVELOPMENT AND PRODUCTION ^b	DEPARTMENT OF NATURAL RESOURCES Office of the Secretary	<ul style="list-style-type: none"> • Comment
	DEPARTMENT OF NATURAL RESOURCES Office of the Secretary	<ul style="list-style-type: none"> • Comment
PIPELINE PERMIT ^b (Federal water)	DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT Office of the Secretary Coastal Management Section	<ul style="list-style-type: none"> • Consistency certification concurrence

Table 4.—Louisiana: 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 Geological Survey	<ul style="list-style-type: none"> Regional Technical Working Group Committee Member
GEOLOGICAL AND GEOPHYSICAL ANALYSIS (ongoing)	DEPARTMENT OF NATURAL RESOURCES Office of the Secretary Geological Survey	<ul style="list-style-type: none"> Nonproprietary: Comment Nonproprietary: Comment
	DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT Office of the Secretary Coastal Management Section	<ul style="list-style-type: none"> Nonproprietary: Comment
	GOVERNOR'S OFFICE Special Appointed Official	<ul style="list-style-type: none"> Proprietary: Section 26 (d)(2)(e) review
REGIONAL ENVIRONMENTAL STUDIES (ongoing)	DEPARTMENT OF NATURAL RESOURCES Geological Survey	<ul style="list-style-type: none"> Regional Technical Working Group Committee Member
OCS OIL AND GAS INFORMATION PROGRAM (ongoing)	DEPARTMENT OF NATURAL RESOURCES Geological Survey ^c	<ul style="list-style-type: none"> Comment, distribute information

^aLouisiana's CZM program received Federal approval in September 1980.

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

^cGovernor'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 5.—Mississippi: participation in the Federal OCS process^a

FEDERAL OCS PROCESS	STATE AGENCY/OFFICE	TYPE OF PARTICIPATION
OCS ADVISORY BOARD	DEPARTMENT OF NATURAL RESOURCES Assistant to the Governor for Natural Resources	<ul style="list-style-type: none"> ● OCS Policy Committee Member
PROPOSED OCS OIL AND GAS LEASE SALE SCHEDULE	DEPARTMENT OF WILDLIFE CONSERVATION Bureau of Marine Resources	<ul style="list-style-type: none"> ● Comment, distribute, coordinate response
RESOURCE REPORTS	DEPARTMENT OF WILDLIFE CONSERVATION Bureau of Marine Resources	<ul style="list-style-type: none"> ● Comment, distribute, coordinate response
CALL FOR NOMINATIONS AND COMMENTS	DEPARTMENT OF WILDLIFE CONSERVATION Bureau of Marine Resources	<ul style="list-style-type: none"> ● Comment, distribute, coordinate response
TENTATIVE TRACT SELECTION NOTICE, STATE BRIEFING	DEPARTMENT OF WILDLIFE CONSERVATION Bureau of Marine Resources	<ul style="list-style-type: none"> ● Comment, distribute, coordinate response
PRE-SALE ENVIRONMENTAL IMPACT STATEMENT	DEPARTMENT OF WILDLIFE CONSERVATION Bureau of Marine Resources	<ul style="list-style-type: none"> ● Comment, coordinate response
	GOVERNOR'S OFFICE A-95 Clearinghouse	<ul style="list-style-type: none"> ● Distribute, coordinate response
PROPOSED NOTICE OF SALE	DEPARTMENT OF WILDLIFE CONSERVATION Bureau of Marine Resources	<ul style="list-style-type: none"> ● Comment, distribute, coordinate response
EXPLORATION PLAN AND ENVIRONMENTAL REPORT	DEPARTMENT OF WILDLIFE CONSERVATION Bureau of Marine Resources	<ul style="list-style-type: none"> ● Consistency certification concurrence
ENVIRONMENTAL ASSESSMENT AND EIS, IF NECESSARY, FOR EXPLORATION	DEPARTMENT OF WILDLIFE CONSERVATION Bureau of Marine Resources	<ul style="list-style-type: none"> ● Comment, coordinate response
	GOVERNOR'S OFFICE A-95 Clearinghouse	<ul style="list-style-type: none"> ● Distribute, coordinate response
APPLICATION FOR PERMIT TO DRILL, EXPLORATION ^b	DEPARTMENT OF WILDLIFE CONSERVATION Bureau of Marine Resources	<ul style="list-style-type: none"> ● Comment

Table 5.—Mississippi: participation in the Federal OCS process^a (continued)

FEDERAL OCS PROCESS	STATE AGENCY/OFFICE	TYPE OF PARTICIPATION
DEVELOPMENT AND PRODUCTION PLAN AND ENVIRONMENTAL REPORT	DEPARTMENT OF WILDLIFE CONSERVATION Bureau of Marine Resources	<ul style="list-style-type: none"> Consistency certification concurrence
ENVIRONMENTAL ASSESSMENT AND EIS, IF NECESSARY, FOR DEVELOPMENT AND PRODUCTION	DEPARTMENT OF WILDLIFE CONSERVATION Bureau of Marine Resources	<ul style="list-style-type: none"> Comment, coordinate response
	GOVERNOR'S OFFICE A-95 Clearinghouse	<ul style="list-style-type: none"> Distribute, coordinate response
APPLICATION FOR PERMIT TO DRILL, DEVELOPMENT AND PRODUCTION ^d	DEPARTMENT OF WILDLIFE CONSERVATION Bureau of Marine Resources	<ul style="list-style-type: none"> Comment
PIPELINE PERMIT ^b (Federal water)	DEPARTMENT OF WILDLIFE CONSERVATION Bureau of Marine Resources	<ul style="list-style-type: none"> Consistency certification concurrence
INTERGOVERNMENTAL PLANNING PROGRAM (ongoing)	DEPARTMENT OF WILDLIFE CONSERVATION Bureau of Marine Resources, Director's Office	<ul style="list-style-type: none"> Regional Technical Working Group Committee Member
GEOLOGICAL AND GEOPHYSICAL ANALYSIS (ongoing)	DEPARTMENT OF WILDLIFE CONSERVATION Bureau of Marine Resources	<ul style="list-style-type: none"> Nonproprietary: Comment
	GOVERNOR'S OFFICE Special Appointed Official	<ul style="list-style-type: none"> Proprietary: Section 26 (d)(2)(e) review
	DEPARTMENT OF NATURAL RESOURCES Bureau of Geology	<ul style="list-style-type: none"> Nonproprietary: Comment
REGIONAL ENVIRONMENTAL STUDIES (ongoing)	DEPARTMENT OF WILDLIFE CONSERVATION Bureau of Marine Resources, Director's Office	<ul style="list-style-type: none"> Regional Technical Working Group Committee Member
OCS OIL AND GAS INFORMATION PROGRAM (ongoing)	DEPARTMENT OF WILDLIFE CONSERVATION Bureau of Marine Resources ^c	<ul style="list-style-type: none"> Comment, distribute information

Table 5.—Mississippi: participation in the Federal OCS process^a (continued)

^aMississippi's CZM Program received Federal approval in October 1980.

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

^cGovernor'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 6.—Texas: participation in the Federal OCS process^a

FEDERAL OCS PROCESS	STATE AGENCY/OFFICE	TYPE OF PARTICIPATION
OCS ADVISORY BOARD	UNIVERSITY OF TEXAS Bureau of Economic Geology	<ul style="list-style-type: none"> ● OCS Policy Committee Member
PROPOSED OCS OIL AND GAS LEASE SCHEDULE	GOVERNOR'S BUDGET AND PLANNING OFFICE	<ul style="list-style-type: none"> ● Comment, distribute, coordinate response
RESOURCE REPORTS	GOVERNOR'S BUDGET AND PLANNING OFFICE	<ul style="list-style-type: none"> ● Comment, distribute, coordinate response
CALL FOR NOMINATIONS AND COMMENTS	GOVERNOR'S BUDGET AND PLANNING OFFICE	<ul style="list-style-type: none"> ● Comment, distribute, coordinate response
TENTATIVE TRACT SELECTION NOTICE, STATE BRIEFING	GOVERNOR'S BUDGET AND PLANNING OFFICE	<ul style="list-style-type: none"> ● Comment, distribute, coordinate response
PRE-SALE ENVIRONMENTAL IMPACT STATEMENT	GOVERNOR'S BUDGET AND PLANNING OFFICE A-95 Clearinghouse	<ul style="list-style-type: none"> ● Comment ● Distribute, coordinate response
PROPOSED NOTICE OF SALE	GOVERNOR'S BUDGET AND PLANNING OFFICE	<ul style="list-style-type: none"> ● Comment, distribute, coordinate response
EXPLORATION PLAN AND ENVIRONMENTAL REPORT	GOVERNOR'S BUDGET AND PLANNING OFFICE	<ul style="list-style-type: none"> ● Comment
ENVIRONMENTAL ASSESSMENT AND EIS, IF NECESSARY, FOR EXPLORATION	TEXAS ENERGY AND NATURAL RESOURCES ADVISORY COUNCIL	<ul style="list-style-type: none"> ● Consistency certification, concurrence^b
	GOVERNOR'S BUDGET AND PLANNING OFFICE A-95 Clearinghouse	<ul style="list-style-type: none"> ● Comment ● Distribute, coordinate response
	TEXAS ENERGY AND NATURAL RESOURCES ADVISORY COUNCIL	<ul style="list-style-type: none"> ● Comment
APPLICATION FOR PERMIT TO DRILL, EXPLORATION ^c	GOVERNOR'S BUDGET AND PLANNING OFFICE	<ul style="list-style-type: none"> ● Comment
DEVELOPMENT AND PRODUCTION PLAN AND ENVIRONMENTAL REPORT	GOVERNOR'S BUDGET AND PLANNING OFFICE	<ul style="list-style-type: none"> ● Comment
	TEXAS ENERGY AND NATURAL RESOURCES ADVISORY COUNCIL	<ul style="list-style-type: none"> ● Consistency certification, concurrence^b

Table 6.—Texas: participation in the Federal OCS process^a (continued)

FEDERAL OCS PROCESS	STATE AGENCY/OFFICE	TYPE OF PARTICIPATION
ENVIRONMENTAL ASSESSMENT AND EIS, IF NECESSARY, FOR DEVELOPMENT AND PRODUCTION	GOVERNOR'S BUDGET AND PLANNING OFFICE A-95 Clearinghouse	<ul style="list-style-type: none"> • Comment • Distribute, coordinate response
	TEXAS ENERGY AND NATURAL RESOURCES ADVISORY COUNCIL	<ul style="list-style-type: none"> • Comment
APPLICATION FOR PERMIT TO DRILL, DEVELOPMENT AND PRODUCTION ^c	GOVERNOR'S BUDGET AND PLANNING OFFICE	<ul style="list-style-type: none"> • Comment
PIPELINE PERMIT ^c (Federal water)	GOVERNOR'S BUDGET AND PLANNING OFFICE	<ul style="list-style-type: none"> • Comment
	TEXAS ENERGY AND NATURAL RESOURCES ADVISORY COUNCIL	<ul style="list-style-type: none"> • Consistency certification, concurrence^b
	TEXAS RAILROAD COMMISSION	<ul style="list-style-type: none"> • Operations^d
	GENERAL LAND OFFICE/ SCHOOL LAND BOARD	<ul style="list-style-type: none"> • Construction^d
INTERGOVERNMENTAL PLANNING PROGRAM (ongoing)	UNIVERSITY OF TEXAS Bureau of Economic Geology	<ul style="list-style-type: none"> • Regional Technical Working Group Committee Member
GEOLOGICAL AND GEOPHYSICAL ANALYSIS (ongoing)	GOVERNOR'S BUDGET AND PLANNING OFFICE	<ul style="list-style-type: none"> • Nonproprietary: Comment
	TEXAS ENERGY AND NATURAL RESOURCES ADVISORY COUNCIL	<ul style="list-style-type: none"> • Nonproprietary: Comment
	GOVERNOR'S OFFICE Special Appointed Official	<ul style="list-style-type: none"> • Proprietary: Section 26 (d)(2)(e) review
	UNIVERSITY OF TEXAS Bureau of Economic Geology	<ul style="list-style-type: none"> • Nonproprietary: Comment
REGIONAL ENVIRONMENTAL STUDIES (ongoing)	UNIVERSITY OF TEXAS Bureau of Economic Geology	<ul style="list-style-type: none"> • Regional Technical Working Group Committee Member
OCS OIL AND GAS INFORMATION PROGRAM (ongoing)	TEXAS RAILROAD COMMISSION	<ul style="list-style-type: none"> • Comment, distribute information

Table 6.—Texas: participation in the Federal OCS process^a (continued)

^aTexas has submitted for 305(d) funding; Federal approval of the State CZM Program is expected in 1981.

^bWhen the State CZM Program receives Federal approval.

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

^dThese organizations closely monitor operations and construction of pipelines in Federal water at the State water junction.

^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 7.—Alabama: autonomous responsibilities for OCS-related activities^a

KEY AGENCY	RESPONSIBILITIES/CONTROLS	SPECIFIC CONTACT
GEOLOGICAL SURVEY/ OIL AND GAS BOARD	OCS Policy Committee Member	Geological Survey/Oil and Gas Board
OFFICE OF STATE PLANNING AND FEDERAL PROGRAMS	CEIP	Office of State Plan- ning and Federal Programs
COASTAL AREA BOARD	CZMP Issues "Certificate of Compliance" or " Certificate of Consis- tency" for Permits Issued in the Coastal Zone by Other Agencies Designates Areas of Par- ticular Concern Reviews and Comments on Other Agency Applica- tions for: "Energy Facility Construction and Operation Plan" Certification Construction on Beaches, Dunes; in 100-year Floodplains	Coastal Area Board
DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES	Leases, Easements, Sale of State Land for Pipe- lines, Dredging, etc.	State Lands Division
WATER IMPROVEMENT COMMISSION	Permits: NPDES Water Quality Certificate Dredge and Fill Wastewater Facilities	Water Improvement Commission
AIR POLLUTION CON- TROL COMMISSION	Permit: Air Quality	Air Pollution Control Commission
PUBLIC SERVICE COMMISSION	Safety Standards for Natural Gas Pipelines	Gas Pipelines Safety Division
DEPARTMENT OF PUBLIC HEALTH	Permits: Hazardous Waste Handling/ Disposal Solid Waste Handling/ Disposal	Division of Solid and Hazardous Waste
HISTORICAL COMMISSION	Designate Archeologic and Historic Sites	Historical Commission

Table 7.—Alabama: autonomous responsibilities for OCS-related activities^a (continued)

KEY AGENCY	RESPONSIBILITIES/CONTROLS	SPECIFIC CONTACT
STATE DOCKS DEPARTMENT	Permit: Construction of Dock Structures in Navigable Water	State Docks Depart- ment
STATE HIGHWAY DEPARTMENT	Advice for Transportation Planning and Facilities	State Highway Depart- ment

^aAlabama's CZMP is based on a State coastal management act; the COASTAL AREA ADVISORY COMMITTEE is the advisory group for the CZMP. The COASTAL AREA BOARD is the lead agency for oil and gas facility siting pursuant to the Alabama Coastal Area Act of 1976.

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

Table 8.— Florida: autonomous responsibilities for OCS-related activities^a

KEY AGENCY	RESPONSIBILITIES/CONTROLS	SPECIFIC CONTACT
STATE UNIVERSITY OF FLORIDA	OCS Policy Committee Member	Florida Institute for Oceanography, Acting Director
DEPARTMENT OF ENVIRONMENTAL REGULATION	CZMP Permits (or equivalent): Industrial Siting Certificate Air Quality NPDES Water Quality Certificate Wastewater Facilities Water Well Drilling Water Impoundments Dredge and Fill Hazardous Waste Handling/ Disposal Solid Waste Handling/ Disposal	Office of Coastal Zone Management Division of Environmental Permitting
DEPARTMENT OF NATURAL RESOURCES	Permit: Activities in State-owned Submerged Land Oil and Gas Production Facilities (e.g. pipelines, terminals) Permit: Shore Protection Structure Enforces Coastal Construction Setback Line	Division of Resource Management Bureau of Geology Division of Marine Resources Bureau of Beaches and Shore
DEPARTMENT OF COMMUNITY AFFAIRS	Administers "Developments of Regional Impact Program" (e.g., ports, oil and gas storage, industrial parks, electric transmission lines) Designate Areas of Critical State Concern CEIP State/Local Technical Assistance Program	Division of Local Resource Management Office of Federal Coastal Programs
DEPARTMENT OF STATE	Permit: Archeologic/Historical Site Disturbance Designate Archeologic/Historic Sites	Division of Archives, History, and Records Management Bureau of Historic Sites and Properties

Table 8.— Florida: autonomous responsibilities for OCS-related activities^a (continued)

KEY AGENCY	RESPONSIBILITIES/CONTROLS	SPECIFIC CONTACT
DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES	Easements in State Forests	Division of Forestry

^aFlorida's developing CZMP is based on a State coastal management act which mandates the use of existing legislation only.

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

Table 9.—Louisiana: autonomous responsibilities for OCS-related activities^a

KEY AGENCY	RESPONSIBILITIES/CONTROLS	SPECIFIC CONTACT
DEPARTMENT OF NATURAL RESOURCES	<p>OCS Policy Committee Member</p> <p>CZMP/CEIP</p> <p>Permit: "Coastal Use"</p> <p>Designation of Areas of Particular Concern</p> <p>Permits: Air Quality Hazardous Waste Handling/ Disposal Solid Waste Handling/ Disposal Leases, Easements on State Waterbottoms</p> <p>Permit: Dredge and Fill Geological and Geophysical Surveys (w/Department of Wildlife and Fisheries) Oil and Gas Production Facilities (e.g., pipe- lines, terminals)</p> <p>Permits: Industrial Pollution Discharge Wastewater Facilities Water Quality Certificate</p>	<p>Office of the Secretary</p> <p>Coastal Management Section</p> <p>Air Quality Division Division of Hazardous Waste Division of Solid Waste Division of State Lands</p> <p>Geological Survey</p> <p>Office of Conservation</p> <p>Water Pollution Control Division</p>
DEPARTMENT OF TRANSPORTA- TION AND DEVELOPMENT	<p>Responsible for Offshore Terminal</p> <p>Permit: Water Well</p> <p>Appeals Body for "Coastal Use" Permits</p>	<p>Offshore Terminal Authority Office of Public Works Louisiana Coastal Commission</p>
DEPARTMENT OF WILDLIFE AND FISHERIES	<p>Permits: Geological and Geophysical Surveys (w/Department of Natural Resources) Oyster Bed Disturbance Severance Tax for Fill Material</p> <p>Permit: Natural and Scenic River Disturbance</p>	<p>Department of Wildlife and Fisheries</p> <p>Environmental Section</p>
DEPARTMENT OF CULTURE, RECREATION, AND TOURISM	<p>Designation of Archeologic and Historic Sites</p> <p>Protect State Parks</p>	<p>Division of Archeologic and Historic Preserva- tion Division of State Parks</p>

^aLouisiana's CZMP is based on a State coastal management act; the Louisiana Coastal Commission (DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT) is the advisory group for the CZMP. The DEPARTMENT OF NATURAL RESOURCES is the lead agency for oil and gas facility siting pursuant to State Act 361.

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

Table 10.—Mississippi: autonomous responsibilities for OCS-related activities^a

KEY AGENCY	RESPONSIBILITIES/CONTROLS	SPECIFIC CONTACT
GOVERNOR'S OFFICE	OCS Policy Committee Member	Assistant to the Governor for Natural Resources
DEPARTMENT OF NATURAL RESOURCES	Permits: Air Quality NPDES Water Quality Certificate	Bureau of Pollution Control
	Regulation of Activities to Withdraw Surface or Groundwater	Bureau of Land and Water Resources
DEPARTMENT OF WILDLIFE CONSERVATION	CZMP/DEIP	Bureau of Marine Resources
	Permits: Certain Activities in Public Wetlands Dredge and Fill Bulkheading Designation of Water-front Industrial Sites and Review of Siting Applications	Wetlands Division
DEPARTMENT OF ARCHIVES AND HISTORY	Designation of Archeologic and Historic Sites	Department of Archives and History
PUBLIC SERVICE COMMISSION	Certificates for Intra-State Pipeline Activities	Public Service Commission
STATE LAND OFFICE	Leasing of State-Owned Lands for Pipelines or Other Facilities	State Land Office
STATE OIL AND GAS BOARD	Regulate Oil and Gas Production within the State	Solid Oil and Gas Board
STATE BOARD OF HEALTH	Permits: Solid Waste Handling/Disposal Hazardous Waste Handling/Disposal	Solid Waste Management

^aMississippi's CZMP is based on the networking of existing State legislation pursuant to the State coastal management act.

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

Table 11.—Texas: autonomous responsibilities for OCS-related activities^a

KEY AGENCY	RESPONSIBILITIES/CONTROLS	SPECIFIC CONTACT
UNIVERSITY OF TEXAS	OCS Policy Committee Member	Bureau of Economic Geology
TEXAS ENERGY AND NATURAL RESOURCES ADVISORY COUNCIL	CZMP/CEIP	Texas Energy and Natural Resources Advisory Council
RAILROAD COMMISSION	Permits: Geological and Geophysical Surveys Pipelines Liquid Petroleum Gas Storage Water Use, Storage, Diversion (w/Depart- ment of Water Resources)	
GENERAL LAND OFFICE/SCHOOL LAND BOARD	Review Applications (if impacting on State lands) for: Harbor and Port Facilities Industrial Facilities Structures Necessary for Drilling Site Access (i.e., channels, canals, roads, disposal sites) Access Roads for Oil and Gas Projects Dredge and Fill Water Impoundments Identify "Critical Dune Areas" Leases for State Land Easements for Oil and Gas Related Facilities	
DEPARTMENT OF WATER RESOURCES	Permits: Waste Disposal Wells NPDES Water Quality Certificate Water Levee Construction Water Well Drillers Water Use, Storage, Diversion (w/Railroad Commission) Solid Waste Handling/ Disposal Hazardous Waste Handling/ Disposal Regulations for Oil Spill Prevention and Cleanup	
AIR CONTROL BOARD	Permit: Air Quality	Air Control Board

Table 11.—Texas: autonomous responsibilities for OCS-related activities^a (continued)

KEY AGENCY	RESPONSIBILITIES/CONTROLS	SPECIFIC CONTACT
HISTORICAL COMMISSION	Permits: Archeologic and Historic Site Disturbance Designation of Archeologic and Historic Sites	Antiquities Committee
DEEPWATER PORT AUTHORITY	Mandated to Create and Operate Offshore Deepwater Port	Deepwater Port Authority
DEPARTMENT OF HIGHWAYS AND TRANSPORTATION	Advice for Transportation Planning and Facilities	Department of Highways and Public Transportation

^aTexas' developing CZMP is based on the networking of existing State legislation.

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)
DAEN-CWO-N

(202) 272-0200

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
P.O. Box 7002
Anchorage, AK 99510

(907) 279-1132

Baltimore District
P.O. Box 1715
Baltimore, MD 21203

(301) 962-4545

Charleston District
P.O. Box 919
Charleston, SC 29402

(803) 724-4229

Galveston District
P.O. Box 1229
Galveston, TX 77553

(713) 763-1211
(extension 302)

Jacksonville District
P.O. Box 4970
Jacksonville, FL 32201

(904) 791-2241

Los Angeles District
P.O. Box 2711
Los Angeles, CA 90053

(213) 688-5300

Mobile District
P.O. Box 2288
Mobile, AL 36628

(205) 690-2511

New England - Division
Division Engineer
424 Trapelo Road
Waltham, MA 02154

(617) 894-2400
(extension 220)

New Orleans District
P.O. Box 60267
New Orleans, LA 70118

(504) 865-1121
(extension 200)

U.S. Army Corps of Engineers (Continued)

New York District (212) 264-0100
 26 Federal Plaza
 New York, NY 10278

Norfolk District (804) 441-3601
 803 Front Street
 Norfolk, VA 23510

Philadelphia District (215) 597-4848
 U.S. Customs House
 2nd & Chestnut Streets
 Philadelphia, PA 19106

Portland District (503) 221-6000
 P.O. Box 2946
 Portland, OR 97208

San Francisco District (415) 556-3660
 211 Main Street
 San Francisco, CA 94105

Savannah District (912) 233-8822
 P.O. Box 889
 Savannah, GA 31402
 (extension 224)

Seattle District (206) 764-3690
 P.O. Box C-3755
 Seattle, WA 98124

Wilmington District (919) 343-4624
 P.O. Box 1890
 Wilmington, NC 28402

DEPARTMENT OF ENERGY

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

Robert Lawton, Director

Federal Energy Regulatory Commission

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

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, D.C. 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

Environmental Specialist (503) 429-6744

1425 Irving Street, N.E.

P.O. Box 3785

Portland, OR 97232

Bureau of Indian Affairs (Continued)

Alaska

Environmental Specialist
 Juneau Area Office
 Federal Building
 P.O. Box 3-8000
 Juneau, AK 99801

(907) 586-7184

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
 P.O. Box 1159
 Anchorage, AK 99510

(907) 276-2955

New York OCS Office
 Office of the Manager
 Jacob K. Javits Federal Building
 26 Federal Plaza
 New York, NY 10278

(212) 264-2960

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

Region 4 - South Atlantic
OCS Coordinator (803) 795-4025
P.O. Box 12559
217 Ft. Jackson Road
Charleston, SC 29412

Fish and Wildlife Service (Continued)

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
Conservation Division: Regional Offices	
Eastern Region/Atlantic OCS Region 1725 K Street, Suite 204 Washington, D.C. 20006 Richard B. Krah, Acting Conservation Manager	(202) 254-3137

Gulf of Mexico Region (504) 837-4720
 P.O. Box 7944
 147 Imperial Office Building
 3301 Causeway Boulevard
 Metairie, LA 70010
 Lowell G. Hammons, Conservation Manager

Pacific OCS Region (213) 688-6485
 1340 West 6th Street
 Suite 240
 Los Angeles, CA 90017
 Reid T. Stone, Acting Conservation Manager

Alaska Region/Alaska OCS Region (907) 271-4304
 800 A Street, Room 201
 Anchorage, AK 99501
 Joseph M. Jones, Acting Conservation Manager

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

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

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

Donald A. Kaplan, Chief

DEPARTMENT OF JUSTICE (Continued)

Land and Natural Resources Division
Marine Resources Section
10th and Constitution Avenue, NW.
Washington, D.C. 20530

(202) 633-2779

Bruce Rashkow, Chief

DEPARTMENT OF TRANSPORTATION

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

(202) 426-4366

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
2100 Second Street, SW.
Washington, D.C. 20593

(202) 426-2008

Capt. John W. Kime, Deputy Chief

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

(202) 472-5160

U.S. Coast Guard: District Offices

(Contact Commander)

First Coast Guard District
150 Causeway Street
Boston, MA 02114

(617) 223-3601

Third Coast Guard District
Governors Island
New York, NY 10004

(212) 668-7196

Fifth Coast Guard District
Federal Building
431 Crawford Street
Portsmouth, VA 23705

(804) 398-6000

Seventh Coast Guard District Federal Building 51 S.W. First Avenue Miami, FL 33130	(305) 350-5654
Eighth Coast Guard District Hale Boggs Federal Building 500 Camp Street New Orleans, LA 70130	(504) 589-6298
Eleventh Coast Guard District Union Bank Building 400 Oceangate Boulevard Long Beach, CA 90822	(213) 590-2311
Twelfth Coast Guard District 630 Sansome Street San Francisco, CA 94126	(415) 556-5326
Thirteenth Coast Guard District Federal Building 915 Second Avenue Seattle, WA 98174	(206) 442-5078
Seventeenth Coast Guard District P.O. Box 3-5000 Juneau, AK 99801	(907) 586-2680

Federal Aviation Administration

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

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

Regional Chief, Eastern Region DMT 15 Room 9413 400 Seventh Street, SW. Washington, D.C. 20024	(202) 755-9435
Regional Chief, Southern Region DMT 16 1568 Willingham Drive, Suite 200-B Atlanta, GA 30337	(404) 763-7861

Materials Transportation Bureau (Continued)

Regional Chief, Southwest Region DMT 17 (713) 226-5476
 6622 Hornwood Drive
 Houston, TX 77074

Regional Chief, Western Region DMT 18 (415) 876-9085
 831 Mitten Road
 Burlingame, CA 94010

Regional Chief, Alaska Region (907) 271-5645
 701 C Street, Box 14
 Anchorage, AK 99513

DEPARTMENT OF THE TREASURY

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

Dr. Paul Craig Roberts, Assistant Secretary

ENVIRONMENTAL PROTECTION AGENCY

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

Anne M. Gorsuch, Administrator

Office of Federal Activities, A-104 (202) 755-0777

William N. Hedeman, Jr., Director (202) 755-9408
 Virginia Fox-Norse, OCS Liaison

Environmental Protection Agency: Regional Offices**Region I**

Environmental and Economic Impacts Office (617) 223-7210
 Room 2203
 J.F. Kennedy Federal Building
 Boston, MA 02203

Region II

Environmental Impacts Branch (212) 264-2525
 26 Federal Plaza
 New York, NY 10007

Office of Federal Activities (OCS Activities) (212) 264-0592

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 98101

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 Gulf of Mexico 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.

ALABAMA

COASTAL AREA ADVISORY COMMITTEE (Contact through COASTAL AREA BOARD)

(205) 626-1880

Steve McMillan, Chairman

COASTAL AREA BOARD

(205) 626-1880

P.O. Box 755
Daphne, AL 36526

Dr. E. Bruce Trickey, Executive Director

DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES

(205) 832-6362

64 North Union Street
Administrative Building
Montgomery, AL 36130

John McMillan, Commissioner

State Lands Division

(205) 832-6354

Edward Reynolds, Director

DEPARTMENT OF PUBLIC HEALTH

(205) 832-3120

State Office Building
501 Dexter Avenue
Montgomery, AL 36130

Dr. Ira L. Myers, State Health Officer

Division of Air Pollution Control
645 South McDonough Street
Montgomery, AL 36130

(205) 832-6770

James W. Cooper, Director

Division of Solid and Hazardous Waste
Public Health Services Building
434 Monroe Street
Montgomery, AL 36130

(205) 832-6728

Alfred S. Chipley, Director

GEOLOGICAL SURVEY/OIL AND GAS BOARD

(205) 349-2852

P.O. Drawer O
University, AL 35486

Thomas J. Joiner, Oil and Gas Supervisor, State Geologist,
OCS Policy Committee Member, and RTWGC Member

GOVERNOR'S OFFICE

(205) 832-3511

State Capitol
Montgomery, AL 36130

Forrest H. James, Governor

HISTORICAL COMMISSION

(205) 832-6621

725 Monroe Street
Montgomery, AL 36130

F. Lawrence Oaks, Executive Director

**OFFICE OF STATE PLANNING AND
FEDERAL PROGRAMS**

(205) 832-6400

3734 Atlanta Highway
Montgomery, AL 36130

Bobby Davis, Director

A-95 Clearinghouse

(205) 832-5646

Michael R. Amos, Administrator

PUBLIC SERVICE COMMISSION

(205) 832-3353

P.O. Box 991
Montgomery, AL 36130

Billy Joe Camp, President

Gas Pipelines Safety Division

(205) 690-3410

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Appendix C. Federal Depository Libraries

Under provisions of Title 44 of the United States Code, certain libraries are designated depositories for Government publications. Through them, Federal Government documents are made available to residents of every State, District of Columbia, Guam,

Puerto Rico, and the Virgin Islands. Distribution to the libraries is made by the Office of the Superintendent of Documents. The following libraries have received pre-sale EIS's for the Gulf of Mexico area.

Alabama

Mobile:	Mobile Public Library, 701 Government Street
Montgomery:	Montgomery Public Library, 445 South Lawrence Street

Florida

Fort Myers:	Lee County Free Library, 3355 Fowler Street
Panama City:	N.W. Regional Library System, 25 West Government
Pensacola:	West Florida Regional Library, 200 West Gregory
Port Charlotte:	Charlotte-Glades Regional Library System, 801 N.W. Aaron Street
Tallahassee:	Leon County Public Library, 127 North Monroe
Tampa:	Tampa-Hillsborough County Public Library, 800 North Ashley
St. Petersburg:	St. Petersburg Public Library, 3745 Ninth Avenue, North

Louisiana

Baton Rouge:	Louisiana State Library, 760 Riverside North
Lafayette:	Lafayette Public Library, 301 West Congress Street
Lake Charles:	Calcasieu Parish Library System, Downtown Branch
New Orleans:	New Orleans Public Library, 219 Loyola Avenue

Mississippi

Gulfport: Harrison County Library, 21st Avenue and Beach

Texas

Austin: Austin Public Library, 401 West Ninth Street

Brownsville: Texas Southmost College Library, 80 Fort Brown Street

Corpus Christi: La Ratama Library, 505 Mesquite Street

Dallas: Dallas Public Library, 1954 Commerce Street

Freeport: Brazoria County Library, 410 Brazoport Boulevard

Galveston: Rozenburg Library, 2310 Sealy

Houston: Houston Public Library, 500 McKinney

Appendix D. Additional OCS-Related Information

OCS ORDERS

Outer Continental Shelf 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. OCS Orders were last issued in January 1980, and some have been amended since that date. Copies of the Gulf of Mexico Orders are available from the Conservation Manager, Gulf of Mexico OCS Region, USGS, P. O. Box 7944, 147 Imperial Office Building, 3301 Causeway Boulevard, Metairie, LA 70010.

Twelve OCS Orders have been issued for leases in the Gulf of Mexico. The Gulf of Mexico OCS Orders 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, applications, drilling from fixed platforms and mobile drilling units, well casing and cementing, directional surveys, blowout preventer equipment, mud program, supervision, surveillance, and training.
- Order No. 3 - Plugging and abandonment of wells.
- Order No. 4 - Determination of well producibility.

- Order No. 5 - Production safety systems: includes pollution-control requirements.
- Order No. 6 - Procedure for completion of oil and gas wells.
- Order No. 7 - Pollution prevention and control.
- Order No. 8 - Platforms and structures.
- Order No. 9 - Approval procedure for oil and gas pipelines.
- Order No. 10 - Sulfur drilling procedures.
- Order No. 11 - Oil and gas production rates, prevention of waste, and protection of correlative rights.
- Order No. 12 - Public inspection of records.
- Order No. 13 - Production measurement and commingling.
- Order No. 14 - Approval of suspensions of production.

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 statistics on fixed-royalty and sliding-scale-royalty tracts.

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.

Metric Conversions

(The following table gives the factors used to convert metric units to English units and explains nautical miles and marine leagues.)

Multiply metric units	by	to obtain English units
meters	3.281	feet
kilometers	0.621	miles
hectares	2.471	acres
1 nautical mile = 1.152 statute miles = 6,080 feet		
3 marine leagues = 9 nautical miles = 10,368 statute miles		

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
BOR	- Bureau of Outdoor Recreation
CFR	- Code of Federal Regulations
CZM	- Coastal Zone Management
DES	- Draft Environmental Statement
DEIS	- Draft Environmental Impact Statement
DOD	- Department of Defense
DOI	- Department of the Interior
EIR/EA	- Environmental Impact Report/Environmental Assessment
EIS	- Environmental Impact Statement
EPA	- Environmental Protection Agency
FES	- Final Environmental Statement
FEIS	- Final Environmental Impact Statement
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
MAFLA	- Mississippi, Alabama, and Florida
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, U.S. Geological Survey
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	- United States Geological Survey, 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.

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 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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