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REGION

In Reply Refer To: MS 5231

January 14, 1993

Samedan Oil Corporation
Attention: Mr. Roger B. Souders
350 Glenborough, Suite 240
Houston, Texas 77067-3299

Gentlemen:

Reference is made to the following plan received December 31, 1992:

Type Plan - Initial Plan of Exploration
Lease - OCS-G 9718
Block - 207
Area - Main Pass
Activities Proposed - Wells A and B

In accordance with 30 CFR 250.33, this plan is hereby deemed submitted and is now being considered for approval.

Your control number is N-4413 and should be referenced in your communication and correspondence concerning this plan.

Sincerely,

(Orig. Sgd.) A. Donald Giroir

For

D. J. Bourgeois
Regional Supervisor
Field Operations

bcc: Lease OCS-G 9718 POD File (MS 5032)
MS 5034 w/public info. copy of the plan
and accomp. info.

MICROFILMED

AGobert:cic:01/05/93:POECOM

NOTED · SCHEXNAILDRE

PLAN OF EXPLORATION

OCS-G 9718

MAIN PASS BLOCK 207

OFFSHORE LOUISIANA

SAMEDAN OIL CORPORATION

Date of Preparation: December 7, 1992

CONTACT

Mr. J. M. Ables
Samedan Oil Corporation
350 Glenborough, Suite 240
Houston, Texas 77067
Tel.(713) 876-6223

PUBLIC

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EXPLORATION PLAN

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A. DESCRIPTION

1. General

Lease OCS-G 9718, Main Pass Block 207 in the Gulf of Mexico was acquired in OCS Lease Sale 113, in March 1988 by Samedan Oil Corporation for a bonus amount of $766,900.00.

The search for and possible production of hydrocarbon minerals from this area is part of Samedan's overall program in the search for oil and gas in the Gulf of Mexico. Manpower requirements will be covered with the existing Samedan organization. Onshore support required for the offshore operations in the block will be from Venice, Louisiana and the staff of Samedan's Houston Offshore Office.

Samedan requests MMS approval to drill up to two wells in OCS-G 9718 under this plan.

WELL NO. A

Surface Location: 4150' FNL & 7100' FWL of Block 207
Proposed Bottomhole Location: *
Proposed True Vertical Depth: *
Water Depth: *

WELL NO. B

Surface Location: 6950' FSL & 7100' FWL of Block 218
Proposed Bottomhole Location: *
Proposed True Vertical Depth: *
Water Depth: *

*(Samedan considers this information confidential and exempt from public disclosure.) Actual exploration activities carried out in the well bore will be decided during the drilling program depending on the findings.

2. Exploration Activities and Geophysical Equipment Utilized

Samedan has reviewed the seismic data available at present and plans to drill up to two exploratory wells under this plan to gain more detailed and specific information on the geology of the lease areas.

Samedan's drilling operations are contracted out. The work will be done with a jack-up drilling unit (Section F.5).

Logging Program

a. ISF-Sonic with SP/GR
b. FDC-CNL/GR/Caliper
c. High Resolution Dipmeter
d. Well Velocity Survey at T.D.
e. Repeat Formation Tester
f. Thermal Decay Log

Drill Stem Test
Coring and Sidewall Cores
Well Samples
Mud Log

B. SCHEDULE

Spud OCS-G 9718 Well No. "A" approximately May 1, 1993
drilling for approximately 30 days.
Spud OCS-G 13029 Well No. "B" approximately June 1, 1993
drilling for approximately 30 days.

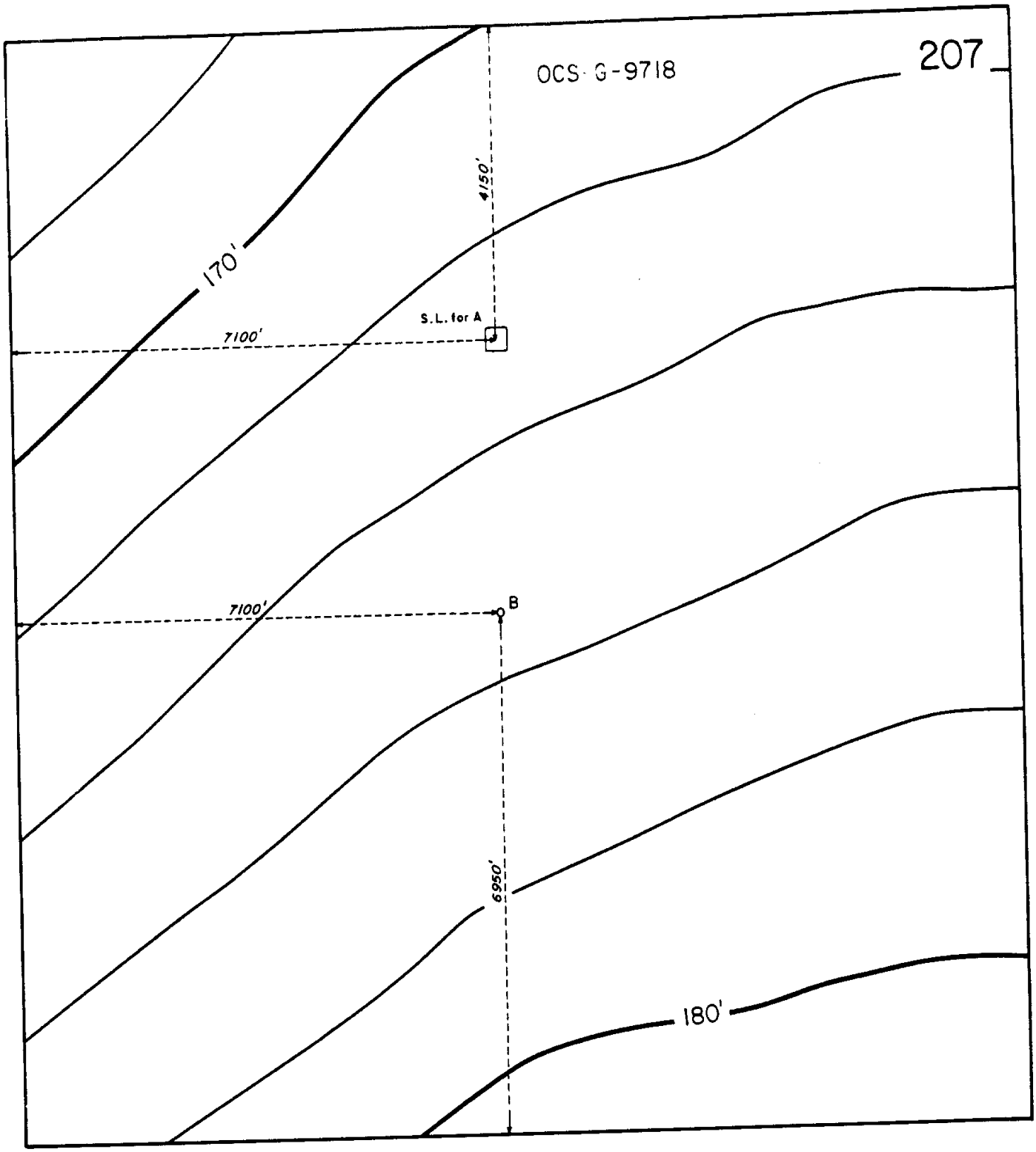
C. GEOLOGICAL AND GEOPHYSICAL INFORMATION

1. Shallow Hazards Report

Samedan's geophysicists have reviewed surveys of the area and have noted precautions for the proposed activities. Attached are Shallow Hazards Reports.

2. Archaeological Survey

Archaeological Survey Reports are included for this block.



POE

SAMEDAN OIL CORP.

MAIN PASS 207
BATHYMETRY PLAT

HORIZON: _____

CONTOUR INT.: 2' SCALE: 1" = 2000'

GEOLOGIST: STAFF DATE: 12/7/92

GRAPHIC SCALE

JAT

2. Description of Onshore Support Base Facility

Onshore support for Samedan's offshore drilling operations will be provided from Venice, Louisiana where transportation of supplies and personnel will be coordinated. Technical and operational support for the drilling operations will be provided by Samedan's Houston Offshore Division. The supporting staff in the Houston office consists of approximately 45 persons covering all disciplines for conducting oil and gas operations; exploration, drilling, production, construction and administration.

3. Surface Location of Proposed Wells

The surface locations of the proposed wells are as shown on the map referenced in Section C.4 of this Plan.

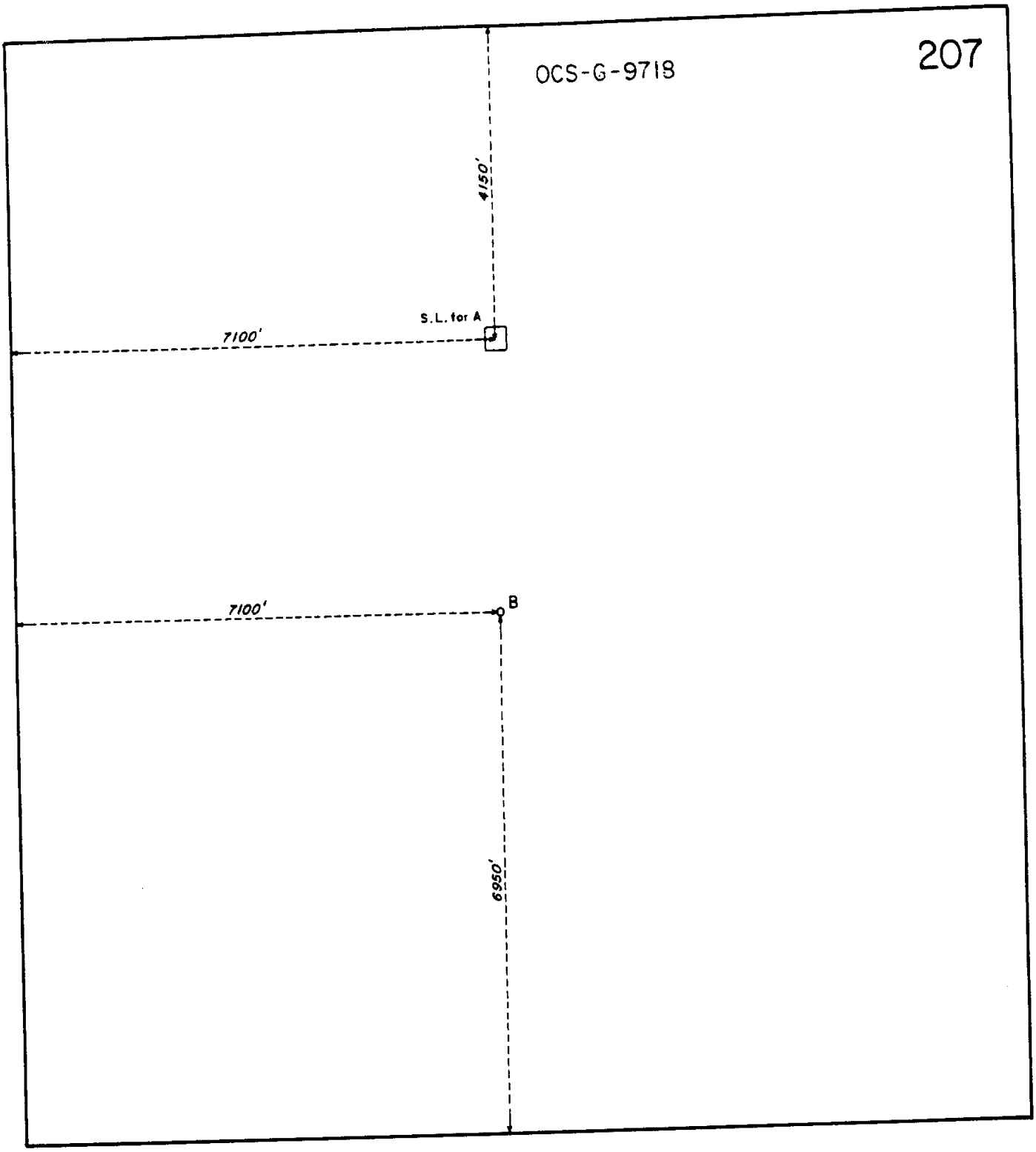
E. Oil Spill Clean-Up Information

1. Oil Spill Plan

Samedan has an Oil Spill Contingency Plan which has been approved by the Regional Supervisor of the Minerals Management Service. The plan describes procedures for action in dealing with any major disasters, such as oil spills, fires, blowouts, etc. It describes in detail:

> Duties to be performed when a disaster occurs, with an indication of priority Assignment of duty and a designation of authority. Communication and reporting requirements (company and outside agencies).

Attached is the Minerals Management Service approval for Samedan Oil Corporation's Oil Spill Contingency Plan.



POE

SAMEDAN OIL CORP.

MAIN PASS 207
LOCATION PLAT

HORIZON: _____

CONTOUR INT.: _____ SCALE: 1" = 2000'

GEOLOGIST: STAFF DATE: 12/7/92

GRAPHIC SCALE

JAT

PUBLIC

SAMEDAN OIL CORPORATION
SHALLOW HAZARDS REPORT

DATE: 2 December, 1992

AREA/BLOCK: Main Pass South/East Block 207, OCS-G-9718

WELL: Surface Location "A"

SURFACE LOCATION: 4150 feet FNL, 7100 feet FWL Block 207

WATER DEPTH: -173 feet

DATA REVIEWED

HAZARD SURVEY

Geophysical Survey and Report (including archeological evaluation) conducted for Samedan Oil by Kinsella, Cook & Associates in June 1990. Remote sensing equipment included magnetometer, side scan sonar, echo sounder and subbottom profiler. Seismic data were acquired using an analog sparker system. Grid spacing for the survey is 300 x 900 meters. Survey lines used for this evaluation are 1008 and 0104.

OTHER DATA USED

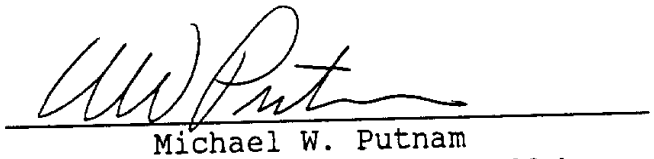
Conventional seismic lines MP-182 acquired by Western Geophysical and 1113-11 acquired by TGS.

CONCLUSION

No readily apparent evidence of natural or man-made hazards to drilling were found by this evaluation.

RECOMMENDATION

Normal precautions should be observed during drilling at the "A" surface location.



Michael W. Putnam
Division Geophysicist - Offshore

CC: Mr. Steve Molbert - Samedan Drilling Dept.

SAMEDAN OIL CORPORATION
SHALLOW HAZARDS REPORT

DATE: 2 December, 1992

AREA/BLOCK: Main Pass South/East Block 207, OCS-G-9718

WELL: Surface Location "B"

SURFACE LOCATION: 6950 feet FSL, 7100 feet FWL Block 207

WATER DEPTH: -176 feet

DATA REVIEWED

HAZARD SURVEY

Geophysical Survey and Report (including archeological evaluation) conducted for Samedan Oil by Kinsella, Cook & Associates in June 1990. Remote sensing equipment included magnetometer, side scan sonar, echo sounder and subbottom profiler. Seismic data were acquired using an analog sparker system. Grid spacing for the survey is 300 x 900 meters. Survey lines used for this evaluation are 1008 and 0103.

OTHER DATA USED

Conventional seismic lines MP-182 and W-92-618 acquired by Western Geophysical.

CONCLUSION

The Kinsella, Cook & Associates survey evaluation did not map shallow gas amplitudes at this location. The report attributes strong reflectors seen in sparker data at this location to structural, stratigraphic or lithologic origins (see page 8 of report). However, gas-like amplitudes seen on the "RAP" version of conventional seismic line W-92-618 suggest the possiblity of encountering shallow gaseous sediments between -500 and -1100 feet subsea. No other readily apparent evidence of natural or man-made hazards to drilling were found by this evaluation.

RECOMMENDATION

Well design and operations should consider the above mentioned possibility of near surface gas for the "B" Location.

Michael W. Putnam
Division Geophysicist - Offshore

CC: Mr. Steve Molbert - Samedan Drilling Dept.

3. Structure Map

The appropriate structure map is attached indicating well locations. Samedan considers this information CONFIDENTIAL, and exempt from disclosure. This information is included in the five (5) Minerals Management Service copies of the Plan of Exploration only.

4. Bathymetry Map, Surface Location

A bathymetry map showing well surface location for the wells is attached.

5. Discussion of H_2S

Pursuant to 30 CFR 250.67 Samedan Oil Corporation's determination is that the proposed wells under this Plan will be drilled only into "zones where the absence of H_2S has been confirmed".

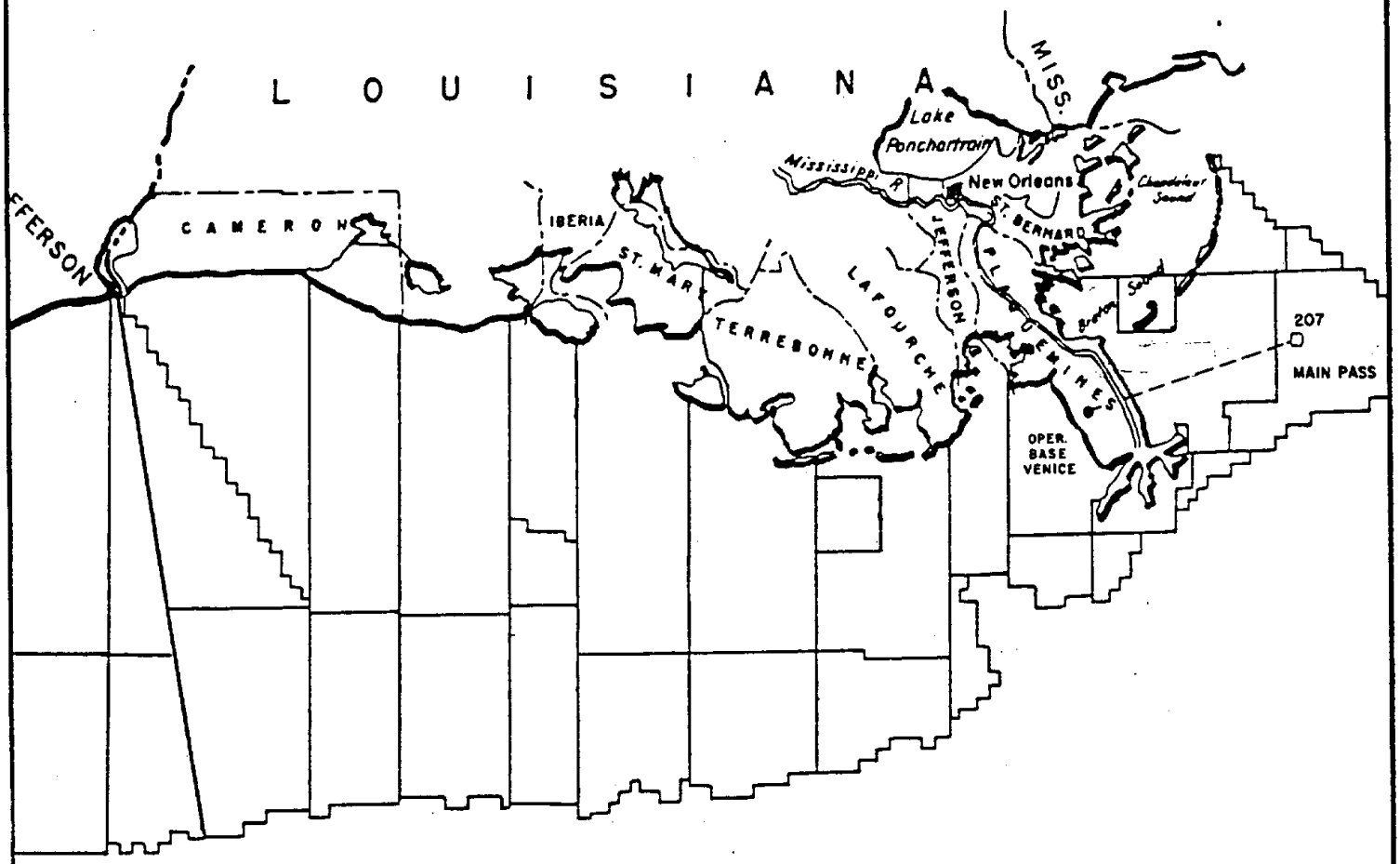
The basis for this determination are wells which were previously drilled for similar geologic zones encountering no H_2S.

In accordance with 30 CFR 250.67, Samedan requests from the MMS a determination as to whether the proposed operations in this plan will be in an area classified as "zones known to contain H_2S", "zones where the presence of H_2S is unknown" or "zones where the absence of H_2S has been confirmed".

D. LOCATION

1. Vicinity Map (Lease Block)

A location map showing the lease block relative to the shoreline and operations base is attached.



SAMEDAN OIL CORPORATION
MAIN PASS AREA OFFSHORE LOUISIANA
BLOCKS 207 VICINITY MAP

United States Department of the Interior

MINERALS MANAGEMENT SERVICE
GULF OF MEXICO OCS REGION
1201 ELMWOOD PARK BOULEVARD
NEW ORLEANS, LOUISIANA 70123-2394

TAKE PRIDE IN AMERICA

In Reply Refer To: MS 5231

January 23, 1992

Samedan Oil Corporation
Attention: Ms. Annalisa Taylor
350 Glenborough, Suite 240
Houston, Texas 77067-3299

Gentlemen:

Your letter dated October 10, 1991, transmitted the results of your annual review and update of your regional Oil Spill Contingency Plan (OSCP) for our review. The modifications included in your update as amended by your letters dated November 25, 1991, and December 11, 1991, are hereby approved and incorporated into your regional OSCP in accordance with 30 CFR 250.42.

Please be advised that your office should update the Clean Gulf Associates (CGA) equipment listing in your copies of the OSCP as this information becomes available from CGA. This information should be forwarded to our office when transmitting any modifications resulting from your annual review and update as required by 30 CFR 250.42.

The next annual review of your regional OSCP, as required by 30 CFR 250.42, shall be conducted by September 30, 1992. Three copies of the findings of the review including any resulting updates shall be submitted to this office for approval.

Sincerely,

for D. J. Bourgeois
Regional Supervisor
Field Operations

2. Trajectory Analyses

Samedan Oil Corporation has identified the zones that appropriate and available trajectory analyses indicate may be impacted by an oil spill on Main Pass Block 207. As a source document for this analysis, we have used the Final Environmental Impact Study for Sales 131, 135, and 137 (Book #90-0042) and new maps and tables. Listed below are the results of the analysis:

% Chance of Impact	Land Segment #	Zone
5%	19	Plaquemines, LA
1%	20	St. Bernard, LA
1%	20	Orleans, LA
1%	20	St. Charles, LA
1%	20	St.John The Baptist, LA
1%	20	Livingston, LA
1%	20	Tangipahoa, LA
1%	20	St. Tammany, LA

Please refer to the Clean Gulf Associates Operations Manual Volume II for a complete listing of the environmentally sensitive resources and areas which could be affected by an oil spill in this area. Listed are the map numbers in said manual which can be utilized in case of an oil spill to quickly identify specific biologically sensitive areas and resources:

Zone	Clean Gulf Associates Map #
Plaquemines, LA	Louisiana Map 7
St. Bernard, LA	Louisiana Maps 7 & 8
Orleans, LA	Louisiana Maps 7 & 8
St. Charles, LA	Louisiana Maps 7 & 8
St. John The Baptist, LA	Louisiana Map 8
Livingston, LA	Louisiana Map 8
Tangipahoa, LA	Louisiana Map 8
St. Tammany, LA	Louisiana Map 8

Samedan would also review the "Protection Response Modes For The Biologically Sensitive Areas" which are attached to the maps in the Clean Gulf Associates Operations Manual Volume II in order to identify strategies to protect biologically sensitive areas.

If an oil spill should occur on Main Pass Block 207, Samedan would do its best to respond in accordance with its Oil Spill Contingency Plan which was approved on January 23, 1992 by the Minerals Management Service. Additionally, Samedan would do its best to notify appropriate agencies, identify biologically sensitive areas, and initiate the appropriate response modes to quickly and effectively reduce damage to property and the environment.

3. Response Base and Response Time

The primary response base for an oil spill in this area is Venice, Louisiana, which is approximately 52 miles from Main Pass 207. The estimated response time for mobilization, transportation and deployment onsite of the fast response skimmer system is 10.2 hours, calculated as follows:

Procurement of equipment, transportation of vessel and personnel to load out and operate equipment	2.0 hours
Load out fast response unit and oil spill containment equipment	2.0 hours
Travel time to lease (52 miles @ 10 MPH)	5.2 hours
Equipment deployment	1.0 hours
Estimated Total Time	10.2 hours

4. Clean Gulf Associates

As a member of the Clean Gulf Associates, Samedan has access to the various area of the Gulf of Mexico. An inventory of the available equipment along with response time is attached.

CLEAN GULF ASSOCIATES

Clean Gulf Associates is a non-profit organization formed by companies operating in the Outer Continental Shelf. Their purpose is to provide a stock pile of oil spill containment and clean-up equipment for use by member (and non-member) companies. Clean Gulf Associates contracted with Halliburton Services in Harvey, Louisiana, to supply equipment, materials and personnel needed to contain and clean-up spills in the Gulf of Mexico. At the present time clean-up systems are maintained at five bases located at Grand Isle, Venice, Intra-coastal City, Cameron, and Morgan City. These systems include: fast response open sea/bay, high volume open sea, shallow water and auxiliary shallow water skimmer systems, beach cleanup equipment, and helicopter spray systems. Also available are waterfowl rehabilitation units, bird scarers, and communication systems. In addition, offshore operators from the upper Texas Coast to the Mississippi Delta region, maintain a large inventory of 177 boats, 64 helicopters and 103 fixed-wing aircraft that can be put to use on short notice.

A more detailed inventory of available equipment and materials follows.

CLEAN GULF ASSOCIATES

Available Equipment and Materials

			Response Time
1.	Barge-Mounted, High Volume, Open Sea Skimmer System (HOSS Barge)	Grand Isle	3 days
2.	Fast Response, Skid-Mounted Skimmer System	Venice, Intracostal City, Galveston, Cameron, Rockport, Grand Isle	12 hours
3.	50 bbl. Oil Storage Barge	Venice, Grand Isle, Intracoastal City	24 hours
4.	36' Bennett or Uniroyal Boom per 100' with Baskets and Anchoring Systems	Venice, Grand Isle, Intracoastal City Galveston, Rockport	24 hours
5.	Mini Fast Response, Skid-Mounted Skimmer System (for stand-by on platforms and drilling vessels) whether skimming or not.		24 hours
6.	Saucer Type Skimmer	Venice, Grand Isle, Intracoastal City	24 hours
7.	200 GPM Centrifugal, Portable Pump 3"	Venice, Grand Isle, Intracoastal City	12 hours
8.	100 GPM Air Diaphragm Pump 2"	Venice, Grand Isle, Intracoastal City	12 hours
9.	Helicopter Spray System	Venice, Grand Isle, Intracoastal City	3 hours
10.	Bird Scarers - Set of 24	Venice, Grand Isle,	3 hours
11.	Waterfowl Rehabilitation Station w/20 kw Generator	Grand Isle	applicable only to Shallow water
12.	20 kw Generator	Grand Isle	12 hours
13.	Polyurethane Foam Generation	Venice, Grand Isle Intracoastal City	12 hours

14. 175 CFM Air Compressor	Grand Isle	12 hours
15. 40 CFM Air Compressor	Venice, Grand Isle, Intracoastal City	12 hours
16. Foam pad Forms - Set of 4	Venice, Grand Isle, Intracoastal City	12 hours
17. Hand Skimmers - Set of 5 w/ Manifold	Grand Isle, Venice Intracoastal City, Rockport, Galveston	12 hours
18. Sorbent Recovery System, Wringer with Compression Skids	Intracoastal City, Venice, Grand Isle	12 hours
19. Boat Sprayer System	Grand Isle, Rockport Galveston	12 hours
20. Sorbent Pads (7-10 bales per location)	Grand Isle, Venice, Intracoastal City, Rockport, Galveston	12 hours
21. Radio System	New Orleans (Gretna)	
22. Chemical - Collectant	Grand Isle, Venice Intracoastal City, Galveston, Rockport	12 hours
23. Chemical - Dispersant with 550 gallon tanks	Galveston, Rockport	12 hours

F. ADDITIONAL INFORMATION

1. Lease Stipulations

Lease Stipulations 1 applies to OCS-G 9718.

Stipulation No. 1 - Protection of Archaeological Resources - The report is attached for this lease.

2. Wastes and Pollutants

All discharges associated with the drilling of the proposed wells shall be in accordance with the permit limitations in the Environmental Protection Agency NPDES General Permit for the Gulf of Mexico.

The drilling unit is built to prevent pollution of the Gulf of Mexico by utilizing a system of curbs, gutters and surface drains which direct all fluids to a containment system. This system recovers hydrocarbons before water is discharged into the Gulf of Mexico.

Liquid waste material, including sewage from the living quarters will be treated in a Minerals Management Service approved sewage plant on the drilling unit prior to discharge into the ocean. Solid waste materials are compacted and transported to shore for disposal.

Drilling operations are monitored by the Samedan representative on board. Mud and drill cuttings will be treated to remove oil prior to discharge into the Gulf of Mexico. Drilling mud is sampled and tested for toxicity according to EPA LC_50 standards. Items that cannot be treated properly will be transported to shore for disposal.

3. List of Mud Additives

A list of commonly used mud additives utilized by Samedan is attached. Particular care is exercised by Samedan to minimize disruption of the environment. These drilling mud additives are selected to prevent a lasting impact on the surrounding.

COMMONLY USED MUD ADDITIVES

Drilling Mud Components That May Be Utilized Offshore

Product Trade Name	Common Name	Chemical Trade Name
I. Weight Materials and Viscosifiers		
MIL-BARR	barite	barium sulfate
MILGELR	bentonite	bentonite
SALT WATER GEL®	attapulgite	attapulgite clay
II. Dispersants (Thinners)		
UNI-CAL®	lignosulfonate	sodium lignosulfonate
III. Filtration Control Additives		
LIGCON®	causticized lignite	NaOH treated lignite
CHEMITROL®X	polymer-treated lignite	polymer-treated lignite
IV. Chemicals		
Caustic Soda	caustic	sodium hydroxide
Soda Ash	soda ash	sodium carbonate
Bicarb of Soda	bicarb	sodium bicarbonate
MIL-LIME	lime	calcium hydroxide
V. Specialty Additives		
LD-8®	defoamer	non-hydrocarbon defoamer
Aluminum Stearate	defoamer	aluminum stearate
NOXYGEN™	oxygen scavenger	catalyzed, sodium sulfite pwd
NOXYGEN™L	oxygen scavenger	catalyzed ammonium biosulfite solution
LUBRI-SAL™	lubricant	biodegradable, non-polluting vegetable oil

Product Trade Name	Common Name	Chemical Trade Name
SUPER SHALE-TROL^{R202}	Shale-Trol	Aliuminum organic acid complex
MILCHEM^{RMD}	drilling detergent	drilling fluid detergent

VI. Loss of Circulation Additives

MIL-PLUG^{R}	LCM	ground nut shells
MILMICA^{R}	LCM	flake mica
Kwik-Seal	LCM	combination of granules, flakes, and fibers

4. Water Depth:

The water depth in Main Pass Block 207 is 173 feet.

5. Description of Drilling Rig

A. General

Drilling operations will be conducted by a contractor under supervision of the staff of Samedan's Houston Offshore Division. The contractor will supply the personnel required for the operations and a self-contained jack-up drilling unit, complete with living quarters. The drilling contract requires the contractor to perform the operations in accordance with Samedan's standards for safety and protection of the environment. A Samedan representative will supervise all activities.

The general arrangement of a jack-up drilling unit and complete inventory of equipment provided by the contractor are attached.

B. Environmental Safeguards

(1) General

The goal of this Exploration Plan is the gathering of more information on the geology of the lease areas, in a safe manner, with minimal disruption of the environment. Various rules, regulations, codes, laws and practices have been developed over the years, which will assist the operator to conduct operations in this manner. 30 CFR 250 Subpart C specifically deals with the environmental safeguards and safety of the drilling and production operations. The regulations are strictly adhered to by Samedan.

Environmental safeguards are built into the operations in several ways: in the original design of equipment and system of operations, in the training of personnel, in the preparation of procedures for operations and also in the procedures and availability of equipment for remedial actions in cases of emergencies.

Operations will be conducted under the conditions described on the Application for Permit to Discharge on file with the Minerals Management Service. Samedan conducts monthly tests to ensure that liquid wastes discharged into the Gulf of Mexico comply with E.P.A. Regulations.

(2) Environmental Safeguards in the Design

The drilling unit is built to prevent pollution of the Gulf of Mexico by utilizing a system of curbs, gutters and surface drains which direct all fluids to a containment system. This system recovers hydrocarbons before water is discharged into the Gulf of Mexico.

Liquid waste material, including sewage from the living quarters, will be treated in a Minerals Management Service approved sewage plant on the drilling unit prior to discharge into the ocean. Solid waste materials are compacted and transported to shore for disposal.

Drilling operations are monitored by the Samedan representative on board. Mud and drill cuttings will be treated to remove oil prior to discharge into the Gulf of Mexico. Drilling mud is sampled and tested for toxicity according to EPA LC50 standards. Items that cannot be treated properly will be transported to shore for disposal.

(3) Training of Personnel and Procedures

Regular training of operations personnel is a necessary complement to the pollution prevention features in the design of equipment and operations. Operator awareness is achieved by regular training and enforcement of procedures. The drilling unit is inspected daily. A procedure for the reporting of and dealing with oil spills has been established by Samedan in accordance with the requirements of 30 CFR 250 Subpart C, which is incorporated in Samedan's "Oil Spill Contingency Plan".

C. Safety Features

As is the case with the environmental safeguards, safety aspects must be a combination of design, operator awareness and the availability of suitable emergency equipment. Over the years, the Oil Industry and the Federal Government has issued a considerable number of standards, recommended practices and laws governing minimum requirements. Design of equipment for Samedan's operations requires the application of all available standards in the strictest manner. The most important of these are listed below:

...OSHA
...OCS Orders of the Minerals Management Service
...API Standards and Recommended Practices
...ASME Codes
...ASTM Standards
...ANSI Standards
...AISC
...American Welding Society
...NFPA (NEC)

Safety systems are incorporated in the design of equipment and operational procedures as required by the OCS Orders of the Minerals Management Service. 30 CFR 250 Subpart D specifically provides detailed information on the drilling operations and Samedan adheres strictly to these rules and regulations.

Automatic gas and fire detection systems are incorporated in the unit to alarm operations personnel in case of emergencies. Equipment to deal with emergencies (life vests, rafts, buoys, fire extinguishing equipment, life boats, etc.) is located strategically on the drilling unit. Frequent training sessions are held to keep operations personnel alert and familiar with procedures and operating instructions for equipment.

EMISSIONS REPORT

MAIN PASS BLOCK 207

A. General

Samedan Oil has filed an application for a "Permit to Discharge" in accordance with the requirements of the Environmental Protection Agency.

B. Drilling Operations

Emissions discharged into the ocean will be primarily drilling fluid, washed well cuttings, cooling water and sewage effluent. All these wastes will be treated prior to discharge into the sea to ensure a minimal impact on the environment. In cases where satisfactory treating cannot be accomplished, wastes will be collected and brought to shore for disposal. The following figures show approximate quantities for wastes in this category:

Drill Cuttings	650 tons per well
Drilling Fluid	7,000 barrels per well
Sanitary/Sewage Effluent	4,000 gallons per day
Cooling Water	1,000,000 gallons per day

Emissions discharged into the air during the drilling phase will be primarily associated with power generation. The following table lists emissions during the drilling operations (based upon Table 3.3.3-1 of EPA Publication AP-42):

Emission Factor in g/hp-hr

NO_x	SO_x	HC	CO	Particulates
14.0	0.93	1.12	3.03	1.0

Total emissions can be found utilizing the formula presented in EPA Publication PB-272-268:

"Emission Rate = Emission Factor X Total Well Footage X 60 hp-hr/ft"

Two wells are to be drilled in 1993 with total footage of approximately 20,450'. The following emissions estimate (ton/yr) applies for the drilling of the wells:

NO_x	SO_x	HC	CO	Particulates
18.94	1.26	1.51	4.10	1.35

C. Exemption Test

The Rules and Regulations defined in the Federal Register 250.57 of March 7, 1980 require testing against the emission exemption amount as follows:

$E = 3,400D\ 2/3$ for CO

and

$E = 33.3D$ for total suspended particulates

For this location, a distance of 38 miles applies. This makes the exemption amount as follows:

$E = 38,430.25$ Tons/yr. for CO

and

$E = 1,265$ Tons/yr. for SO_x, NO_x, HC and Particulates

The calculated amounts for both CO and the total suspended particulates are below the exemption amount. Therefore, further air quality review is not required for the proposed exploration activities in the lease areas.

D. Transportation

Since transportation requirements are combined for Samedan's operations in the various blocks in the vicinity, it is difficult to quantify the exact contribution to the total emissions as a result of this exploration.

Typical figures for emission from crew boats and supply boats using approximately 1000 gallons of fuel per day are as follows (based on EPA Emission Factors):

	Crew Boats	Supply Boats
...NO	575 lbs/day	270 lbs/day
...SO	35 lbs/day	27 lbs/day
...CO	110 lbs/day	110 lbs/day
...HC	40 lbs/day	50 lbs/day
...Particulates	35 lbs/day	unknown

Typical fuel consumption for helicopters is as follows:

...Small Helicopter	30 gallons per hour flying 10 gallons per landing and take-off cycle
...Large Helicopter	100 gallons per hour flying 25 gallons per landing and take-off cycle

Assuming one landing and take-off cycle per hour of flying, the following emissions would result per hour:

	Small Helicopter	Large Helicopter
...NO_x	1 lb/hour	3 lbs/hour
...SO_x	1.5 lbs/hour	5 lbs/hour
...CO	10 lbs/hour	30 lbs/hour
...HC	1 lb/hour	3 lbs/hour
...Particulates	5 lbs/hour	15 lbs/hour

COASTAL ZONE MANAGEMENT

CONSISTENCY CERTIFICATION

PLAN OF EXPLORATION

MAIN PASS BLOCK 207

The proposed activities described in detail in this Plan comply with Louisiana's approved Coastal Management Program(s) and will be conducted in a manner consistent with such Program(s).

Arrangements have been made with the State-Times in Baton Rouge, Louisiana and the Plaquemines Gazette in Belle Chasse, Louisiana to publish a notice of the proposed activities on April 1, 1993.

SAMEDAN OIL CORPORATION

Roger Souders
Landman

December 7, 1992

COASTAL ZONE MANAGEMENT

CONSISTENCY CERTIFICATION

PLAN OF EXPLORATION

MAIN PASS BLOCK 207

The proposed activities described in detail in this Plan comply with Mississippi's approved Coastal Management Program(s) and will be conducted in a manner consistent with such Program(s).

Samedan Oil Corporation

Roger Souders
Landman

December 7, 1992

G.

ENVIRONMENTAL REPORT

EXPLORATION PLAN

OCS-G 9718

MAIN PASS BLOCK 207

SAMEDAN OIL CORPORATION

of Preparation: December 7, 1992

CONTENTS

B. DESCRIPTION OF PROPOSED ACTION

1. Modes, Routes and Frequency of Support Vessels/Helicopter

Helicopter, work boat and crew boat are the three modes of transportation which will be utilized to take personnel and supplies to the drilling rig area. Samedan will use a shore base in Venice, Louisiana as the base of operation for all three modes of transportation.

A helicopter is expected to make one or two trips to the rig per day during the drilling. During production this frequency is expected to drop to one trip per month.

The route utilized by each mode will normally be in a straight line from the shore base to the platform location. Whenever possible, transportation of supplies and personnel will be combined with requirements of other activities in the area.

2. Onshore Support Base

Samedan plans to use an onshore base in Venice, Louisiana from where transportation of personnel, equipment, and supplies is coordinated, as described in the Plan.

No expansion of this existing base is anticipated as a result of this activity.

3. New Support Facilities

The proposed action will use existing support facilities as described in the Plan. Addition of new support facilities will not result from this action.

4. New/Unusual Technology

No new or unusual technology will be used for the operations under this proposed Plan.

5. Map/Plats/Diagrams

A vicinity map showing location of the proposed action in relationship to the affected states is included with the Plan.

6. Means, Routes, Quantities and Destination of Production

If commercial quantities of hydrocarbons are found it is likely that they would be transported to shore through a connection to one of the nearby pipelines; pursuant to an approved Development Operations Coordination Document.

C. DESCRIPTION OF AFFECTED ENVIRONMENT

1. Physical and Environmental Parameters

a. Commercial Fishing

A representation of the coastal zone and offshore fisheries is shown on the Visuals of the Environmental Impact Statement prepared for OCS Sales 118 and 122. Commercial fishery resources are described in this Environmental Impact Statement.

Landings of all fisheries in the Gulf waters of the U.S. in 1985 accounted for 38% or 2.4 billion pounds and 26% or $596 million of the total U.S. catch.

The Gulf fishery is dominated by the shell fisheries: shrimp, crabs, and oysters (with smaller amounts of clam and scallops), usually worth three or four times more than the much greater volume of finfish. The shrimp fishery in the Gulf area includes brown, white, and pink shrimp. These are taken almost exclusively by trawl fishing, in depths ranging from 2 to 73 meters. Other shrimp taken commercially are the sea bobs and royal reds.

Commercially important species of shrimp, the most common being brown shrimp and white shrimp, are taken in the vicinity of Vermilion Block 266. Landings of shrimp in the Gulf of Mexico average approximately 230 million pounds per year.

Finfish volume for the Gulf states is dominated by menhaden. It is number one in both volume and value for the Gulf States. Landings in 1985 were 1.9 billion pounds, valued at $67 million.

On the Gulf coast as a whole, the usual ranking of the most important commercial fishes is as shown below:

By Volume:	By Value:
Menhaden	Menhaden
Mullet	Red Snapper
Croaker	Mullet
Groupers	Croaker
Spanish Mackeral	Groupers
Spotted Seatrout	Pompano
Red Drum	Spanish Mackeral
Flounders	Red Drum
Black Drum	Flounders
King Whiting	King Mackeral
White Seatrout	Black Drum
Sheepshead	White Seatrout
	Sheepshead

The proposed action will not affect commercial fishing in the area. A detailed discussion of commercial fishing and the impact of oil and gas activities is found in the FEIS for OCS Lease Sales 110 and in the FEIS for Sales 118 and 122.

b. Shipping

There are no fairways, transit zones, or anchorage areas in the vicinity of the proposed action.

c. Small Craft Pleasure Boating, Sport Fishing and Recreation.

The proposed activity will take place approximately 40 miles from the shore. Aside from damage caused by oil spills, there is considerable evidence that oil and gas operations have a favorable impact on fishing activities since structures act as breeding grounds and artificial reefs. No long term effect, however, is expected from these exploratory activities. The proposed activity is not expected to positively or negatively affect small craft boating activities or recreational activities.

d. Archaeological Report

Archaeological and Geophysical survey with report conducted for Samedan Oil by Kinsella, Cook & Associates in June 1990. Gas-like amplitudes seen on the "RAP" version of conventional seismic line W-92-618 suggest the possibility of encountering shallow gaseous sediments between -500 and -1100 feet subsea at the surface "B" location only. No other readily apparent evidence of natural or man-made hazards to drilling were found by this evaluation at the "A" or "B" surface locations.

e. Ecologically Sensitive Areas

The lease area is not situated near an area of biological significance, as determined by inspection of Visual No. 4 of the Final Environmental Impact Statement for Lease Sales 118 and 122.

f. Existing Pipelines/Cables

Samedan is not aware of any existing pipelines/cables existing on Main Pass Block 207.

g. Other Mineral Uses

No other known mineral deposits of commercial importance occur within the lease area.

h. Other Dumping Grounds

No approved ocean dumping sites exist in the vicinity of the lease area.

i. Endangered/Threatened Species

Several federal listed endangered and threatened species inhabit the coastal and offshore area of the Gulf region. Six endangered marine mammals (five whales and the Florida manatee), the key deer, two threatened and three endangered marine turtles, the threatened alligator and endangered crocodile, and seven endangered species of birds were selected as representative of endangered and threatened species that could be affected by offshore or onshore activities resulting from OCS oil and gas development in the Gulf.

No federally listed endangered plant species are known to occur in the Central Gulf area.

The impact producing agents which could affect endangered species in the Central Gulf include OCS-related oil spills and disturbance from onshore construction. It is unlikely that OCS-related oil spills will impact endangered species or their habitat in the Central Gulf due to the low probability that a spill would contact endangered species habitat within ten days of an oil spill. No onshore construction is expected to occur near endangered species habitat as a result of this development. This development is expected to have a very low level of impact on endangered species and no significant effects on their populations or habitats in the Central Gulf.

Due to the location of the proposed action it is unlikely that threatened and endangered species will be affected. A detailed discussion of threatened and endangered species is found in the Final Environmental Impact Statement for the Gulf of Mexico, published by the Minerals Management Service for OCS Lease Sales 118 and 122.

j. Socio-Economic Parameters

As described in Section B.2 of this Environmental Report and in the Plan, no expansion of the existing shore base facility is expected as a result of this action. Therefore, no new employment is expected as a result of the proposed action.

D. UNAVOIDABLE ADVERSE ENVIRONMENTAL EFFECTS

The impacts on the various systems have been discussed in Section C of this Environmental Report. In general, it can be stated that all unavoidable adverse impacts which result from routine operations will be relatively localized and of short duration. These impacts, however, will be followed by unhindered natural recovery within a relatively short time period (EIS Lease Sales 118 and 122.)

These impacts include:

...Temporary reduction in water quality due to discharges during the drilling operations.

...Short term effect and possible killing of source plankton and benthos in the immediate vicinity of the platform.

...Temporary reduction in air quality during the drilling operations.

E. GUARANTEES

Samedan Oil Corporation will guarantee compliance with the following statements in carrying out the proposed activity.

1. The best available and safest technologies will be utilized throughout the project. This includes meeting all applicable requirements for equipment types, general project lay out, safety systems and equipment and monitoring systems.

2. All operations will be covered by a MMS approved Oil Spill Contingency Plan.

3. All applicable Federal, State and Local requirements regarding air emissions and water quality and discharge for the proposed activities, as well as any other permit condition, will be complied with.

F. BIBLIOGRAPHY OF REFERENCES

1. Environmental Impact Statement, EIS prepared for OCS Sale Nos. 72, 74 and 79, visuals and text.

2. Environmental Impact Statement, EIS prepared for OCS Sale No. 110, visuals and text.

3. Environmental Impact Statement, EIS prepared for OCS Sale Nos. 118 and 122, visuals and text.

SAMEDAN OIL CORPORATION
350 GLENBOROUGH, SUITE 240
HOUSTON, TEXAS 77067-3299
(713) 872-5391

December 8, 1992

Plaquemines Gazette
801 Belle Chasse Hwy. N.
Belle Chasse, Louisiana 70037

Attn: Public Notice/Legal Ads Section

PUBLIC NOTICE OF PROPOSED
ACTIVITIES
MAIN PASS AREA BLOCK 207
OCS-G 9718

Gentlemen:

In accordance with requirements of the U. S. Department of the Interior, Minerals Management Service and the State of Louisiana, please publish the enclosed public notice as a legal ad on or before April 1, 1993.

Please bill Samedan Oil Corporation, Attention: Land Department, at the letterhead address for the cost of publishing this notice.

Should you have any questions, please contact the undersigned at (713) 876-6286.

Very truly yours,

SAMEDAN OIL CORPORATION

Roger B. Souders
Landman

RBS/nkc

Enclosure

"Public Notice of Federal Consistency review of a Proposed Exploration Plan by the Coastal Management Section/Louisiana Department of Natural Resources for the plan's consistency with the Louisiana Coastal Resources Program.

Applicant: Samedan Oil Corporation
350 Glenborough, Suite 240
Houston, Texas 77067

Location: Main Pass Area, Lease OCS-G 9718
Block 207
Lease offering date March 30, 1988

Description: Proposed exploration plans for the above area provide for the exploration for oil and gas. Exploration Activities will include drilling from a jack-up rig and transport of drilling crews and equipment by helicopter and/or cargo vessel from an onshore base located at Venice, Louisiana. No ecologically sensitive species or habitats are expected to be located near or affected by these activities.

A copy of the plan described above is available for inspection at the Coastal Management Section Office located on the 10th Floor of the State Lands and Natural Resource Building, 625 North 4th Street, Baton Rouge, Louisiana. Office hours: 8:00 AM to 4:30 PM, Monday through Friday. The public is requested to submit comments to the Coastal Management Section, Attention OCS Plans, P. O. Box 44396, Baton Rouge, Louisiana 70804. Comments must be received within 15 days of the date of this notice or 15 days after the Coastal Management Section obtains a copy of the plan and it is available for public inspection. This public notice is provided to meet the requirements of the NOAA Regulations on Federal Consistency with approved Coastal Management Programs."

SAMEDAN OIL CORPORATION
350 GLENBOROUGH, SUITE 240
HOUSTON, TEXAS 77067-3299
(713) 872-5391

December 8, 1992

State-Times
P. O. Box 588
Baton Rouge, Louisiana 70821

Attn: Ms. Heather Allen

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