

To: Public Information (MS 5034)  
From: Plan Coordinator, FO, Plans Section (MS 5231)

Subject: Public Information copy of plan  
Control # - S-05579  
Type - Supplemental Exploration Plan  
Lease(s) - OCS-G05612 Block - 205 South Timbalier Area  
Operator - Amerada Hess Corporation  
Description - Wells I and J  
Rig Type - JACKUP

Attached is a copy of the subject plan.

It has been deemed submitted as of this date and is under review for approval.

  
Karen Dunlap  
Plan Coordinator

Site Type/Name	Botm Lse/Area/Blk	Surface Location	Surf Lse/Area/Blk
WELL/I	G05612/ST/205	3900 FNL, 150 FWL	G05612/ST/205
WELL/J	G05612/ST/205	2850 FNL, 150 FWL	G05612/ST/205

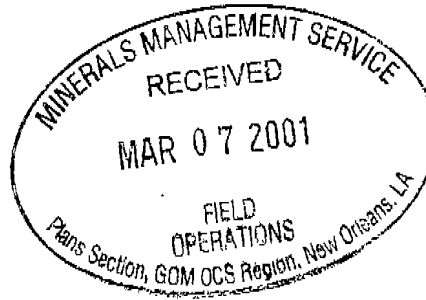
NOTED - SCHEXNAILDRE

ISS MAR 14 01 PM 3:30

# AMERADA HESS CORPORATION

KEITH J. DUPUIS  
SUPERVISOR, ENVIRONMENTAL AND REGULATORY AFFAIRS

ONE ALLEN CENTER, 500 DALLAS STREET  
HOUSTON, TEXAS 77002  
713-609-5926  
FAX 713-609-5664



March 7, 2001

U.S. DEPARTMENT OF THE INTERIOR  
Minerals Management Service  
Gulf of Mexico OCS Region  
1201 Elmwood Park Blvd.  
New Orleans, LA 70123-2394

**PUBLIC INFORMATION**

Attn: Mr. Donald C. Howard  
Regional Supervisor  
Field Operations (MS 5231)

RE: Supplemental Plan of Exploration  
South Timbalier Block 205  
OCS-G 5612

Gentlemen:

In accordance with Minerals Management Service Regulations 30 CFR 250.203 (n) (2) relative to Exploration Plans, Amerada Hess Corporation (AHC) hereby submits for your review and ultimate approval nine (9) copies of Supplemental Plan of Exploration for South Timbalier Block 205 (OCS-G 5612).

Five (5) copies of the Initial Plan are considered "confidential" and include certain geological/geophysical data which is to be exempt from public inspection. Four (4) "public information" copies of the Plan are enclosed which exclude "confidential" information.

It is our estimation that drilling of well location "I" could begin on or about April 1, 2001.

Please contact me at (713) 609-5926 if any additional information is required.

With kindest regards,

A handwritten signature in black ink that reads 'Keith J. Dupuis'. The signature is stylized and cursive.

Keith J. Dupuis

CONTROL No. <u>S-5579</u>
REVIEWER: Karen Dunlap
PHONE: (504) 736-2535

**BEST AVAILABLE COPY**

cc: S.B. Marler  
K.B. Wagner  
M. L. Price  
C. Files - ST 205 (File 2.211)  
U.S. Dept. of the Interior - MMS  
Houma District Office  
KJDST205SUPPLEMENTALPOE.DOC

AMERADA HESS CORPORATION  
SUPPLEMENTAL PLAN OF EXPLORATION  
GULF OF MEXICO - OFFSHORE, LOUISIANA  
SOUTH TIMABLIER BLOCK 205  
OCS-G 5612

MARCH 7, 2001

COMPANY CONTRACT

KEITH J. DUPUIS (713) 609-5926

AMERADA HESS CORPORATION  
500 DALLAS STREET, LEVEL 2  
HOUSTON, TX 77002

## Table of Contents

---

Section	
1.0	Contents of Plan
	Description, Objectives and Schedule..... 1.1
	Locations(s).....1.2
	Drilling Unit.....1.3
2.0	General Information
	Contact Person.....2.1
	New or Unusual Technology.....2.2
	Bonding Information.....2.3
	Onshore Base and Support Vessels.....2.4
	Lease Stipulations.....2.5
3.0	Geological, Geophysical and Hydrogen Sulfide Information
	Geological, Geophysical Information.....3.1
	Hydrogen Sulfide Information.....3.2
4.0	Biological Information
	Chemosynthetic Information.....4.1
	Topographic Features Information.....4.2
5.0	Waste and Discharge Information
	Waste Information.....5.0
	Discharge Information.....5.1
6.0	Oil Spill Response and Chemical Information
	Worst Case Discharge Less Than 1000 Barrels.....6.1
	Worst Case Discharge More Than 1000 Barrels.....6.2
	Spill Response Certification Statement.....6.3
	Material Data Safety Sheet for Diesel Fuel.....6.4
7.0	Air Emissions.....7.0
8.0	Environmental Information.....8.0
9.0	Coastal Zone Management Consistency Certification.....9.0
10.0	Summary of Operations..... 10.0

LIST OF PLAN ATTACHMENTS

Attachment A.....	Well Location Plat
Attachment B-1.....	Typical Diverter Schematic
Attachment B-2.....	Typical BOP Schematic
Attachment C.....	Vicinity Map
Attachment D.....	Structure Map
Attachment D-1 .....	Cross Section Marker
Attachment D-2.....	General Stratigraphic Column
Attachment D-3.....	Geological Description
Attachment E.....	Shallow Hazards Clearance Letter
Attachment E-1.....	Bathymetry Map
Attachment F.....	Typical Mud Components
Attachment F-1.....	Quantities and Rates of Discharges
Attachment G.....	Air Quality Review

## 1.0 CONTENTS OF PLAN

### 1.1 DESCRIPTION, OBJECTIVE AND SCHEDULE

Based on the success of three wells recently drilled under a Supplemental Development Operations Coordination Document for South Timbalier Block 205 (OCS-G 5612), Amerada Hess Corporation (AHC) proposes to drill up to two (2) additional exploratory wells in the lease, Wells "I" and "J".

The following schedule details proposed drilling and temporary permanent abandonment of each of the two proposed exploratory wells.

PROPOSED ACTIVITY SCHEDULE	ESTIMATED START-UP DATE	ESTIMATED COMPLETION DATE
1. Drill and temporarily/permanent abandon well "I"	April 1, 2001	June 18, 2001
2. Drill and temporarily/permanent abandon well "J"	June 19, 2001	September 7, 2001

### 1.2 LOCATION (Plats are included as Attachment A)

### PUBLIC INFORMATION

The approximate locations of the proposed wells are described as follows:

WELL LOCATION	PROPOSED LOCATIONS	TOTAL DEPTH	WATER DEPTH
"I"	SL: 3,900' FNL & 150' FWL of ST 205 X= 2,305,247' Y= -76,183		153'
	Latitude: 90° 23' 01"W Longitude: 28° 27' 13"N		
	PBHL:		
"J"	SL: 2,850' FNL & 150' FWL of ST 205 X= 2,305,247' Y= -75,133		151'
	Latitude: 90° 23' 01"W Longitude: 28° 27' 23"N		
	PBHL:		

### 1.3 DRILLING UNIT (Typical Diverter and Blowout Preventer Equipment are included as Attachments B-1 and B-2)

Offshore exploratory wells in the Gulf of Mexico are drilled from three (3) types of drilling rigs. The type of rig used depends on the water depth at the proposed drill site. The type of drilling rig used in relation to the water depth are: a jack-up rig is used in water depths up to 100m; a semi-submersible rig is used in waters depths that range from 100 to 750m and a drill ship is used in water depths greater than 750m.

## 1.0 CONTENTS OF PLAN

---

Schematics for a typical jack-up rig diverter and blowout preventer equipment are included as Attachments B-1 and B-2. The rig utilized by Amerada Hess will be operated and maintained in accordance with Title 30 CFR Part 250.300, "*Pollution Prevention*".

Safety features will include well control and blowout prevention equipment as described in Title 30 CFR Part 250.400, "*Control of Wells*". Amerada Hess will perform all operations in a safe and workmanlike manner and will maintain all equipment in a safe condition; thereby, ensuring the protection of the lease and associated facilities, the health and safety of all persons and the preservation and conservation of property and of the environment.

The appropriate lifesaving equipment (i.e. life rafts, life jackets, ring buoys, etc.) as prescribed by the U.S. Coast Guard will be maintained on the facility at all times. The drilling rig and each of the marine vessels servicing these operations will be equipped with all U.S. Coast Guard required navigational safety aids to alert ships of its presence in all weather conditions.

South Timbalier Block 205 is not contained in a designated shipping fairway/anchorage area; therefore, a permit from the Department of the Army, Corps of Engineers, New Orleans District Office, will not be required.



## 2.0 GENERAL INFORMATION

### 2.1 CONTACT PERSON

Amerada Hess Corporation authorizes the following representative be contacted for any inquiries pertaining to this Plan:

Keith J. Dupuis  
Amerada Hess Corporation  
500 Dallas Street  
Houston, TX 77002  
(713) 609-5926  
[kdupuis@hess.com](mailto:kdupuis@hess.com)

### 2.2 NEW OR UNUSUAL TECHNOLOGY

Amerada Hess does not propose utilizing any new techniques and/or unusual technology during the proposed exploratory drilling in South Timbalier Block 205.

### 2.3 BONDING INFORMATION

Amerada Hess has submitted to the Minerals Management Service a supplement to our existing areawide bond, Number 496746-30, effective November 24, 1993 pursuant to the provisions of Title 30 CFR Part 256, "*Bonding Requirements*".

### 2.4 ONSHORE BASE AND SUPPORT VESSELS (Vicinity Map is included as Attachment C)

South Timbalier Block 205 is located approximately 42 miles from the Louisiana coastline. The distance from Amerada Hess' onshore contract support base located at Fourchon, Louisiana is approximately 47 nautical miles. A vicinity map showing the location of South Timbalier Block 205 relative to the shoreline and onshore base is included as Attachment C.

Amerada Hess will utilize existing onshore contract facilities located in Fourchon, Louisiana. This will serve as port of debarkation for supplies and crews. No onshore expansion or construction is anticipated with respect to the proposed activities.

The base is capable of providing the services necessary for the proposed activities. It has 24-hour service, a radio tower with a phone patch, dock space, equipment and supply storage base, drinking and drill water, etc. Support vessels and travel frequency during exploratory drilling activities are as follows:

TYPE OF SUPPORT VESSEL	TYPE OF OPERATIONS
	FREQUENCY OF TRIPS
	DRILLING
Crew Boat	4 Trips Per Week
Supply Boat	2 Trips Per Week
Helicopter	7 Trips Per Week

BEST AVAILABLE COPY

## 2.0 GENERAL INFORMATION

---

The boats will normally move via the most direct route from Fourchon, Louisiana. The helicopter will normally take the most direct route of travel between the two points when air traffic and weather condition permit.

### 2.4 LEASE STIPULATIONS

**Stipulation No. 1:** (Cultural Resources) was invoked during the issuance of South Timbalier Block 205 to Amerada Hess Corporation.

This stipulation was previously addressed during the submittal of the Initial Plan of Exploration and Initial Plan of Development for South Timbalier Block 205 and requires no further action.

## 3.0 GEOLOGICAL, GEOPHYSICAL AND H2S INFORMATION

---

### 3.1 GEOLOGICAL AND GEOPHYSICAL INFORMATION

#### **Structure Contour Map** (Included as Attachment D)

A Structure Contour Map which shows the surface and bottomhole location of the proposed wells with both vertical and measured depths, indicated in feet, as well as each prospective horizons is included as Attachment D.

#### **Geological Structure Cross-Sections** (Included as Attachment D-1 and D-2)

A Geological Structure Cross-Section marker which shows the key horizon and objective sands; as well as a General Stratigraphic Column are included as Attachments D-1. and D-2.

#### **Geological Description** (Included as Attachment D-3)

A Geological Description of South Timbalier Block 205 is included as Attachment D-3.

#### **Shallow Hazards Report**

Odom Offshore Surveys, Inc. conducted a survey across South Timbalier Block 205 in September 1983 on behalf of Amerada Hess Corporation. The purpose of the survey was to evaluate geologic conditions and inspect for potential hazards or constraints to lease development. Copies of this report were previously submitted to the MMS during the submittal of the Initial Plan of Exploration.

A Well Site Clearance Letter based on the above referenced Shallow Hazards Survey for the two proposed well locations is included as Attachment E. Seismic line data is being submitted under a separate cover letter to support the Well Site Clearance Letter.

#### **Archaeological Resources** (Not Applicable)

Lease OCS-G 5612, South Timbalier Block 205, does not fall within the high-probability area for either prehistoric or historic shipwreck archaeological resources; therefore, an archaeological assessment is not required. However, Amerada Hess Corporation, as a prudent operator, will avoid all sites, structures, or objects of historical or archaeological significance. Such findings will be reported and every reasonable effort will be made to preserve and protect the cultural or archaeological resource.

#### **Bathymetry Map** (Attachment E-1)

A Bathymetry Map showing the surface locations of the two proposed wells is included as Attachment E-1

## 3.0 GEOLOGICAL, GEOPHYSICAL AND H<sub>2</sub>S INFORMATION

---

### 3.2 HYDROGEN SULFIDE INFORMATION

#### **Classification**

In accordance with Title 30 CFR Part 250.417(c), Amerada Hess requests that South Timbalier Block 205 be classified by the Minerals Management Service as an area where the absence of hydrogen sulfide has been confirmed.

The basis for this determination is supported by the drilling of the South Timbalier Block 205 Wells B-1, B-2 and B-2 ST1 by Amerada Hess Corporation.

#### **Contingency Plan**

In accordance with Title 30 CFR Part 250.417(f), a Contingency Plan is not required since the geological and geophysical information confirms that the area does not contain hydrogen sulfide.

**BEST AVAILABLE COPY**

## 4.0 BIOLOGICAL INFORMATION

---

### 4.1 CHEMOSYNTHETIC INFORMATION (Not Applicable)

The proposed exploratory drilling program for South Timbalier Block 205 will not be conducted in water depths where chemosynthetic organisms and/or communities may be found, therefore, this issue is not applicable to our operations.

### 4.2 TOPOGRAPHIC FEATURES INFORMATION (Not Applicable)

The Central Gulf of Mexico lists 16 topographic features and the Western Gulf of Mexico lists 23 topographic features. The proposed operations for South Timbalier Block 205 are not within the vicinity of any topographic features.

## 5.0 WASTE AND DISCHARGE INFORMATION

---

The Minerals Management Service regulations, the EPA NPDES General Permit and the U.S. Coast Guard's regulations implementing MARPOL 73/78 Annex V prohibit the disposal of any trash and debris into the marine environment.

The major operational wastes generated during offshore oil and gas exploration and development include drilling fluids and cuttings and produced water. Other major wastes generated by the offshore oil and gas industry include the following: deck drainage and miscellaneous well fluids (cement, BOP fluid) and from other sources - sanitary and domestic wastes, gas and oil processing wastes, ballast water and other miscellaneous minor discharges.

All discharges associated with the proposed exploratory drilling operations will be in accordance with regulations implemented by Minerals Management Service (MMS), U.S. Environmental Protection Agency (EPA) and the U.S. Coast Guard (USCG).

### 5.1 WASTE INFORMATION

#### **Minerals Management Service**

The notice to Lessees and Operators NTL 98-14 dated August 10, 1998 advises operators that special caution should be exercised in the handling and disposing of small items and packaging materials which could be lost in the marine environment and eventually washed ashore. MMS recommends that OCS operators develop and implement training programs to emphasize the proper control and disposal of refuse.

Operators are required to install curbs, gutters, drip pans, and drains on rig deck areas in a manner necessary to collect all contaminants and debris not authorized for discharge. The rule explicitly prohibits the disposal of equipment, cables, chains, containers, or other materials into offshore waters. Portable equipment, spools or reels, drums, pallets and other loose items weighting 18kg or more must be marked in a durable manner with the operator's name prior to use or transport over offshore waters. Smaller objects must be stored in a marked container when not in use.

Therefore, Amerada Hess will comply with the regulations under Title 30 CFR Part 250.300(a) and 250.300(b) (6) which prohibits the deliberate discharge of containers; as well as Title 30 CFR Part 250.300(c) which requires the identification markings on equipment tools and containers.

#### **U.S. Coast Guard**

The Marine Pollution Research and Control Act of 1987 implemented Annex V of the International Convention for the Prevention of Pollution from Ships. Under the provisions of the law, all ships and watercraft, including all commercial and recreational fishing vessels, are prohibited from dumping plastics at sea. The law also severely restricts the legality of dumping other vessel-generated garbage and solid waste items both at sea and in U.S. navigable waters.

**BEST AVAILABLE COPY**

## 5.0 WASTE AND DISCHARGE INFORMATION

---

The U.S. Coast Guard is responsible for enforcing the provisions of this law and has developed final rules for its implementation, calling for adequate trash reception facilities at all ports, docks, marinas and boat launching facilities.

### **Environmental Protection Agency**

When waste exceed the NPDES permit requirements for overboard discharge, they must be transported to shore for disposal. The Resource Conservation and Recovery Act (RCRA) provides a framework for the safe disposal of discarded materials, regulating the management of solid and hazardous wastes. The USEPA has exempted many oil and gas wastes from coverage under hazardous wastes regulations under Subtitle C of RCRA.

Exempt wastes include those generally coming from an activity directly associated with the drilling, production, or processing of a hydrocarbon product. Nonexempt oil and gas wastes include those not unique to the oil and gas industry an used in the maintenance of equipment.

Solid domestic wastes will be transported to shore for proper disposal at an authorized disposal site, and sewage will be treated on location by U. S. Coast Guard approved marine sanitation devices.

Offshore oil-field wastes that are not discharged or disposed of onsite are brought onshore for disposal and taken to specifically designated commercial oil-field waste disposal facilities. In Louisiana, these sites are referred to as NOW sites or "nonhazardous oil-field waste" disposal sites.

At commercial waste treatment facilities, liquid wastes are usually injected into disposal wells and solid wastes are usually put into pits, land treated, land farmed or undergo a stationary treatment process to remove contaminants.

Liquid wastes are usually transported to shore by barge or on tanks located on supply boats. Once onshore, the wastes are generally transported to commercial oil-field waste disposal facilities by vacuum truck or barge.

In Louisiana there are seven (7) existing commercial oil-field waste disposal facilities that receive all of the types of wastes that would come from OCS operations and in Texas there are ten (10) facilities. Included in these numbers are two sites in Louisiana and in Texas that process naturally occurring radioactive material (NORM)-contaminated oil-field wastes.

In addition to drilling wastes, trash and debris from the offshore oil industry are shipped onshore for disposal. These wastes include mud bags, drums, crates and a variety of domestic wastes. The trash and debris are disposed of at either municipal or industrial landfills depending on the method or company that an operator hires to haul the trash from their service base or directly from the offshore facility.

## 5.0 WASTE AND DISCHARGE INFORMATION

---

### 5.2 DISCHARGE INFORMATION

#### U.S. Coast Guard

Victual matter or organic food waste are allowed to be ground up into small pieces and disposed of overboard from structures located more than 20km from shore.

#### Environmental Protection Agency

The USEPA regulates discharges from the offshore oil and gas industry under Section 402 of the Clean Water Act. The USEPA established effluent limitation guidelines for the discharges and to authorize discharges into the waters of the United States by the issuance of the National Pollutant Discharge Elimination System (NPDES) permits.

Offshore wastes can be discharged overboard only if they are covered by a USEPA NPDES permit. Drilling muds and cuttings can be discharged overboard only if they meet requirements found in the NPDES permit. The permit requirements include (a) limit the acute toxicity to a minimum 96-hour LC 50 of 30,000 ppm as measured in the diluted suspended particulate phase; (b) prohibit the discharge of oil-based drilling fluids, oil-contaminated drilling fluids, or drilling fluids containing diesel oil and any drill cuttings generated while using these fluids; (c) prohibit the discharge of free oil (static sheen test); (d) limit the amount of cadmium and mercury in stock barite used in drilling fluids; and (e) limit the drilling fluid discharge rate to 1000 barrels per hour unless the well is within a controlled discharge rate restriction area, where the discharge rate will be as determined by a rate table.

Discharges will contain no free oil and will be in compliance with and monitored as required by the permit.

Continuous discharges occur during the entire drilling phase with bulk discharges resulting at the end-of-well. Observation of the drilling fluid is accomplished through daily inventory of mud and chemical added to the system; in addition to monthly and end-of-well LC50 toxicity test required by EPA. Typical mud components which may be used in the drilling of the proposed wells is included as Attachment F. The estimated quantity and rates of discharges applicable to the drilling fluids/cuttings based on hole size, interval and washout is included as Attachment F-1.



## 6.0 OIL SPILL RESPONSE AND CHEMICAL INFORMATION

### 6.1 WORST CASE DISCHARGE INFORMATION (Not Applicable)

Amerada Hess Corporation is the only entity covered in their Regional Oil Spill Response Plan (OSRP) was submitted on November 4, 1999 and the worst case certification was approved on February 24, 2000. Activities proposed in this Exploration Plan will be covered by the Regional OSRP.

Amerada Hess Corporation's primary equipment provider is Clean Gulf Associates (CGA). The Marine Spill Response Corporation's (MSRC) STARS network will provide closest available personnel, as well as an MSRC supervisor to operate the equipment.

In the event of a spill, mechanical response equipment located in CGA's bases located in Grand Isle, Louisiana would be transported to a staging area in Grand Isle, Louisiana.

The worst case discharge (WCD) proposed in this EP is more than 1000 barrels, but does not supercede the WCD as approved in the Regional OSRP. If our evaluation reveals that this WCD does in fact have the potential of having more adverse impact than our currently identified WCD in our existing Regional OSRP, then Amerada Hess Corporation will amend the Regional OSRP as required.

Activities proposed in this EP are considered far-shore, >10 miles from the shoreline}. The Worst Case Discharge (WCD) scenario from the proposed activities in this EP and the WCD in the Regional OSRP on file with the MMS are compared below:

Comparison of WCD's in OSRP to Proposed Operations

Category	Regional OSRP WCD	EP WCD
Type of Activity (1)	Production	Drilling
Spill Location (Area/Block)	GB 260	ST 205
Facility Designation (2)	Platform A/33039	Jack-up
Distance to Nearest Shoreline (miles)	110	42
Volume	22495 Barrels	4000 Barrels
Type of Oil (crude, condensate, diesel)	Oil	Oil
API Gravity (4)	38°	39° (estimated)

### 6.2 SPILL RESPONSE CERTIFICATION STATEMENT

Since Amerada Hess Corporation has the capability to respond to the worst-case scenario included in its regional OSRP approved on February and since the worst-case scenario determined for our Initial Development Operations Coordination Document does not replace the worst-case scenario in our regional OSRP, I hereby certify that Amerada Hess Corporation has the capability to respond, to the maximum extent practicable, to a worst-

## **6.0 OIL SPILL RESPONSE AND CHEMICAL INFORMATION**

---

case discharge, or a substantial threat of such a discharge, resulting from the activities proposed in our Initial Plan of Exploration.

## **7.0 AIR EMISSIONS INFORMATION**

---

One of the mandates of the Clean Air Act was the establishment of National Ambient Air Quality Standards (NAAQS). The Act established two standards, the primary standard to protect public health and a secondary standard to protect public welfare.

Ambient air quality is a function of the size, distribution and activities directly related with population in associated with the resulting economic development, transportation and energy policies of the region. The effects of climate and topography result in meteorological conditions, which concentrate, disperse and distribute air pollutants. Assessments of air quality depend on multiple variables such as the quantity of emissions, dispersion rates, distances from receptors and local meteorology. Due to the variable nature of these independent factors, ambient air quality is an ever changing process.

Minerals Management Service established Title 30 CFR Parts 250.302, 250.303 and 250.304 to comply with the Clean Air Act. These regulations allow the collection of information about potential sources of pollution for the purpose of determining whether the projected emissions of air pollutants from the facility may result in onshore ambient air concentrations above significance levels provided in the regulations and appropriate emissions controls as deemed necessary to prevent accidents and air quality deterioration.

Primary air pollutants associated with OCS activities are nitrogen oxides, carbon monoxide, sulfur oxides, volatile organic compound, and suspended particulate.

The Air Quality Review will address emissions associated with the proposed exploratory drilling activities. The Air Quality Review is included as Attachment G.

## **8.0 ENVIRONMENTAL INFORMATION**

---

In accordance with MMS Operating Regulations, the additional exploratory proposed in this Supplemental Plan of Exploration is not considered to have a potential major impact upon the environment, therefore, an Environmental Report is not included in this submittal.

**BEST AVAILABLE COPY**

## **9.0 COASTAL ZONE MANAGEMENT CONSISTENCY**

---

Previous publications of Public Notices relative to Plans of Exploration, Development Operations Coordination Documents submitted by Amerada Hess Corporation satisfy the requirements of the State of Louisiana Coastal Zone Management Program.

However, Amerada Hess Corporation will continue to conduct operations in South Timbalier Blocks 205/225 in a manner consistent with the Louisiana Coastal Zone Management Program.

**BEST AVAILABLE COPY**

## 10.0 SUMMARY OF OPERATIONS

EXPLORATION PLAN	<input checked="" type="checkbox"/>	DEV. OPERATIONS COOR. DOCUMENT	DEVELOPMENT & PRODUCTION PLAN
------------------	-------------------------------------	--------------------------------	-------------------------------

<b>OPERATOR:</b> Amerada Hess Corporation		<b>ADDRESS:</b> P.O. Box 2040	
<b>MMS OPERATOR NO.:</b> 00059		Houston, TX 77252	
<b>CONTACT PERSON:</b> Keith Dupuis		<b>PHONE NO.:</b> (713) 609-5926	
<b>PROPOSED START DATE:</b> 04/01/01	<b>RIG TYPE:</b> Jack-up	<b>DISTANCE CLOSEST TO LAND (IN MILES):</b> 42 Miles	
<b>NEW OR UNUSUAL TECHNOLOGY</b>	YES	NO X	<b>ONSHORE SUPPORT BASE(S):</b> Fourchon, Louisiana
<b>NARRATIVE DESCRIPTION OF PROPOSED ACTIVITIES:</b> Amerada Hess proposes to drill and temporarily abandon Two (2) wells from two surface locations in South Timbalier Block 205.			
<b>PROJECT NAME: IF APPLICABLE:</b>			

WELL/STRUCTURE NAME	SURFACE LOCATION	BOTTOM-HOLE LOCATION (FOR WELLS)	
<b>PLATFORM:</b>  <b>WELL: I</b>  <b>NAME:</b>	<b>CALLS:</b> 3,900' FNL & 150' FWL <b>LEASE OCS:</b> G-5612 <b>AREA:</b> ST <b>BLOCK:</b> 205	<b>CALLS:</b> <b>LEASE OCS:</b> G-5612 <b>AREA:</b> ST <b>BLOCK:</b> 205	
	<b>X:</b> 2,305, 247' <b>Y:</b> -76, 183'	<b>X:</b> <b>Y:</b>	
	<b>LATITUDE:</b> 90° 23' 01" W <b>LONGITUDE:</b> 28° 27' 13" N	<b>LATITUDE:</b> <b>LONGITUDE:</b>	
	<b>TVD: (IN FEET)</b>	<b>MD (IN FEET)</b>	<b>WATER DEPTH (IN FEET)</b> 153'
	<b>PLATFORM:</b> N/A	<b>CALLS:</b> 2,850' FNL & 150' FWL <b>LEASE OCS:</b> G-5612 <b>AREA:</b> ST <b>BLOCK:</b> 205	<b>CALLS:</b> <b>LEASE OCS:</b> G-5612 <b>AREA:</b> ST <b>BLOCK:</b> 205
<b>WELL: J</b>  <b>NAME:</b>	<b>X:</b> 2,305, 247' <b>Y:</b> -75, 133'	<b>X:</b> <b>Y:</b>	
	<b>LATITUDE:</b> 90° 23' 01" W <b>LONGITUDE:</b> 28° 27' 23" N	<b>LATITUDE:</b> <b>LONGITUDE:</b>	
	<b>TVD: (IN FEET)</b>	<b>MD (IN FEET)</b>	<b>WATER DEPTH (IN FEET)</b> 151'

PUBLIC INFORMATION

BEST AVAILABLE COPY

# BLOCK 205 OCS-G-5612

"J"  
PROP.  
LOCATION  
2,850' FNL  
150' FWL  
X = 2,305,247  
Y = -75,133  
90° 23' 01"W  
28° 27' 23"N

1  
TD 15975

"I"  
PROP.  
LOCATION  
3,900' FNL  
150' FWL  
X = 2,305,247  
Y = -76,183  
90° 23' 01"W  
28° 27' 13"N

2  
TD 14015

B-2  
TD 8598

B-2(ST-1)  
TD 10589

## PUBLIC INFORMATION

B-1  
TD 14450



LEGEND

□ SURFACE LOCATION

PUBLIC

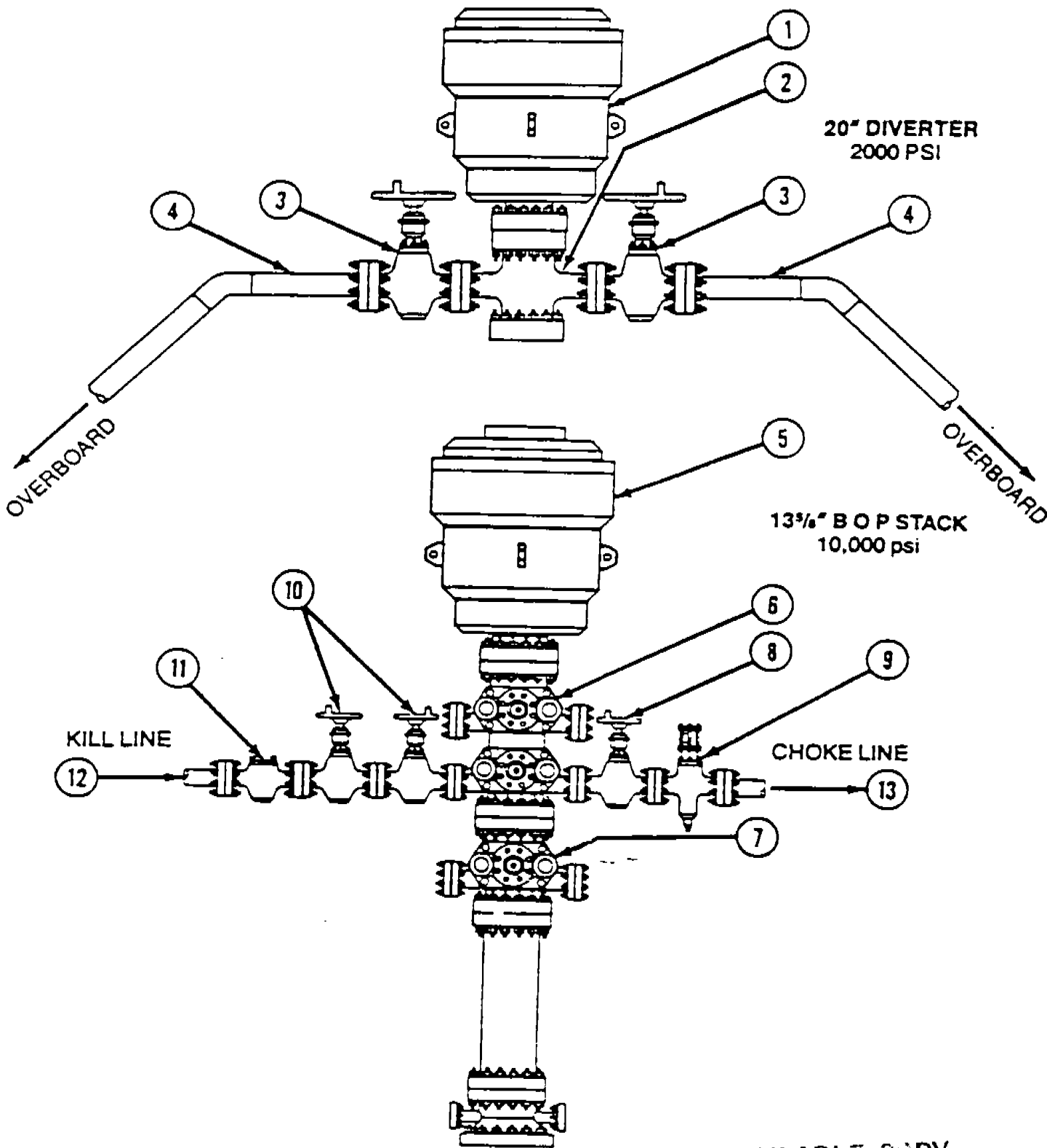
AMERADA HESS CORPORATION  
UNITED STATES OFFSHORE EXPLORATION

SOUTH TIMBALIER  
BLOCK 205  
WELL LOCATION PLAT

0' 2,000' 4,000'

DATE: 2/2001

# BLOWOUT PREVENTER STACK WITH A HYDRIL DIVERTER



BEST AVAILABLE COPY

Refer to following page for description of individual items of this assembly.



# 20" HYDRIL DIVERTER 2000 psi

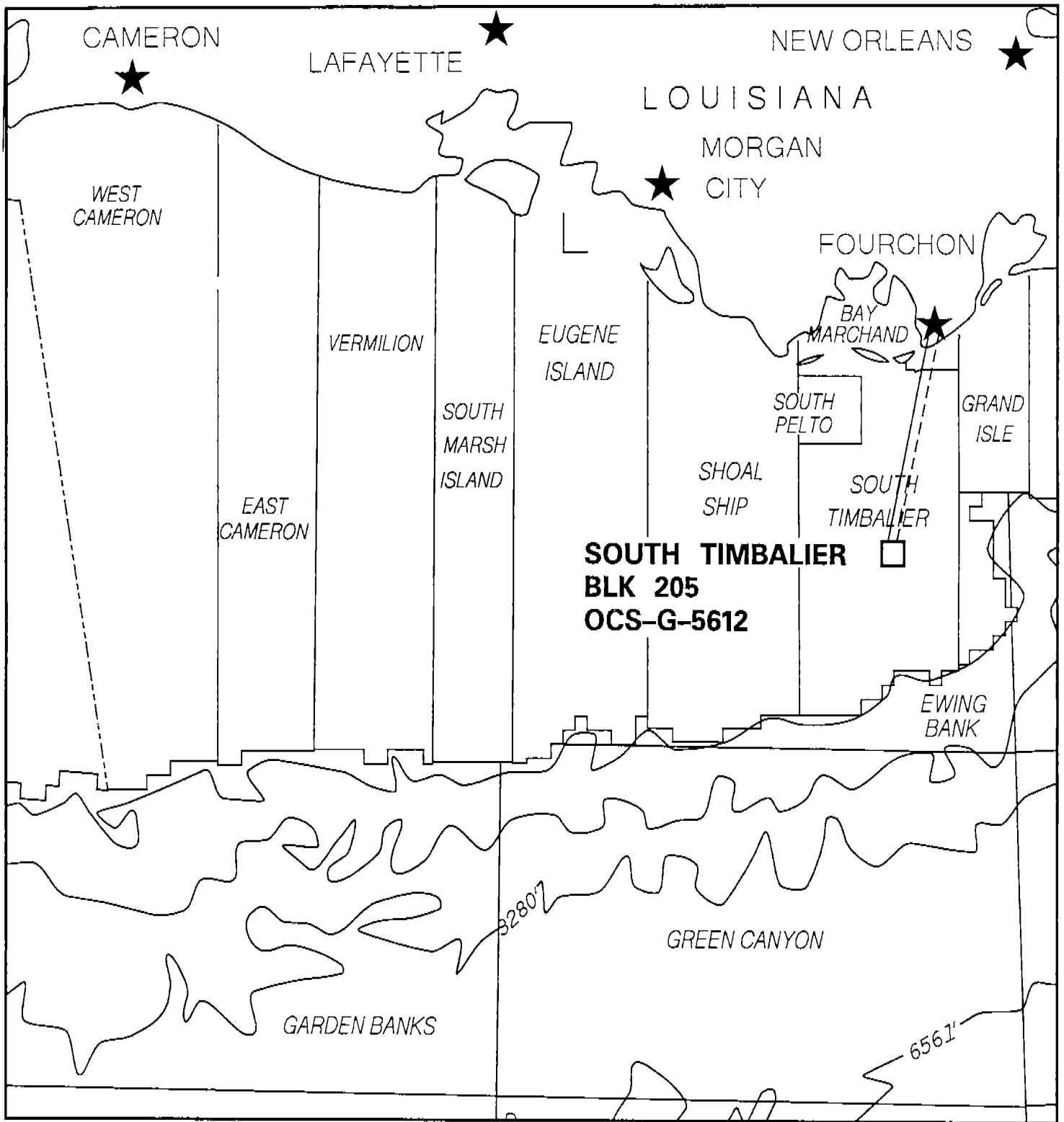
ITEM	DESCRIPTION
1	20" HYDRIL 2000 psi Type MSP
2	20" FLANGE SPOOL 2000 psi w/6" 2000 psi Outlets
3	10" GATE VALVE std Low Pressure (REMOTE)
4	10" DIVERTER LINE (To Overboard)

# BLOWOUT PREVENTER STACK

13<sup>5</sup>/<sub>8</sub>' 10,000 psi

ITEM	DESCRIPTION
5	13 <sup>5</sup> / <sub>8</sub> " HYDRIL ANNULAR BOP 5000 psi Type GK H25 Trimmed
6	13 <sup>5</sup> / <sub>8</sub> " CAMERON DOUBLE BOP 10,000 psi WP H,2S Trimmed
7	13 <sup>5</sup> / <sub>8</sub> " CAMERON SINGLE BOP 10,000 psi WP H,2S Trimmed
8	4 <sup>1</sup> / <sub>8</sub> " MANUAL GATE VALVE Cameron Type "F" H,2S
9	2 <sup>1</sup> / <sub>8</sub> " REMOTE HYDRAULIC VALVE Cameron Type "F" 10,000 psi H,2S
10	2 <sup>1</sup> / <sub>8</sub> " MANUAL GATE VALVE Cameron Type "F" 10,000 psi H,2S
11	2 <sup>1</sup> / <sub>8</sub> " CHECK VALVE Cameron Type "R" 10,000 psi H,2S
12	3" 10,000 psi KILL LINE from Choke Manifold
13	3" 10,000 psi CHOKE LINE from choke Manifold

BEST AVAILABLE COPY



**LEGEND**

**PROPOSED TRANSPORTATION ROUTES**

- HELICOPTER
- - - BOAT

APPROX. 47 MILES TO FOURCHON  
 APPROX. 42 MILES TO NEAREST SHORE

**PUBLIC**

**AMERADA HESS CORPORATION**  
 UNITED STATES OFFSHORE EXPLORATION

**SOUTH TIMBALIER BLOCK 205**

**VICINITY MAP**

DATE: 2/2001

AMERADA HESS CORPORATION  
HOUSTON, TEXAS

March 5, 2001

South Timbalier Block 205  
Proposed Locations "I" & "J"  
Hazard Survey Report

The surface locations for the proposed well bores, "I" and "J", are situated in the northwest quarter of South Timbalier Block 205. A high resolution geophysical hazard survey was acquired over Blocks 205 and 206 in 1983 by Odom Offshore Surveys, Inc., under contract with Amerada Hess Corporation (AHC).

The 1983 survey was acquired between the months of September and October and comprises approximately 84 miles of data consisting of 21 east-west lines and 6 north-south lines. Line spacings were 300 meters and 900 meters, respectively. The survey was conducted aboard the M/V ODOM SEATRAC with navigation and field mapping accomplished with a Trisponder line-of-sight positioning system and NAVTRACE computer.

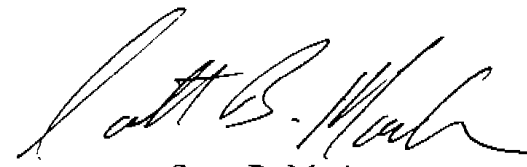
The remote sensing equipment used in this survey included a proton procession total field magnetometer, dual side scan sonar, 24 Hz echo sounder, and 7.0 kHz profiler. Additionally, high resolution seismic data were obtained with a DFS V seismic system and a source of a 160 cubic inch water gun.

The scope of the survey was to define any existing potential shallow hazards, constraints, and anomalies.

The final report along with data from the shallow hazard survey and a 3D OBC seismic survey has been analyzed for the following surface locations.

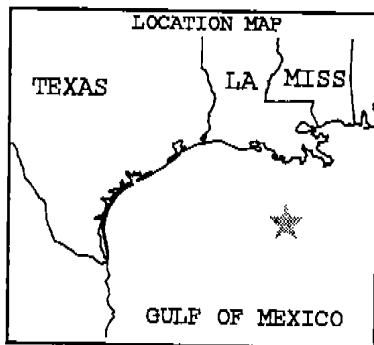
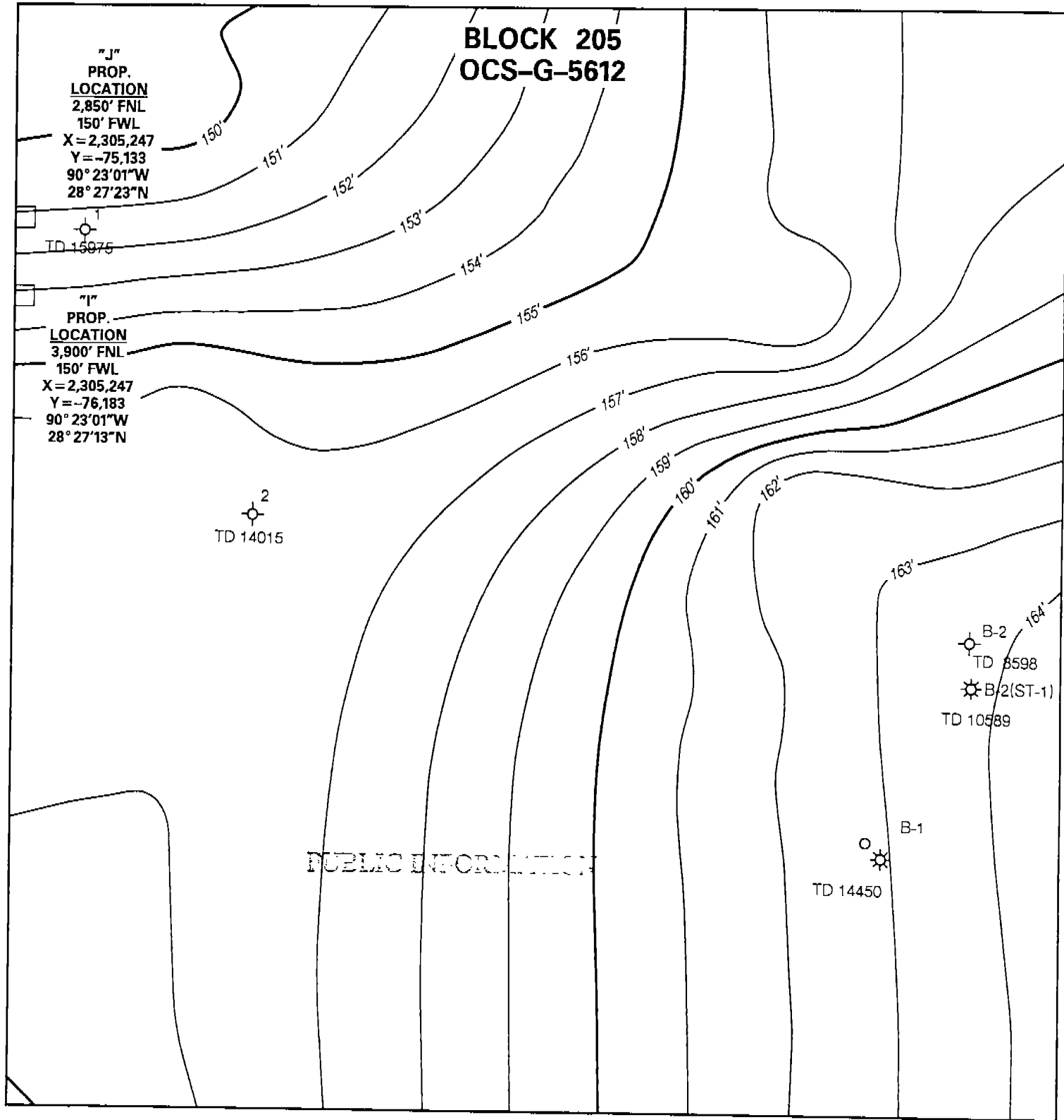
<u>Well</u>	<u>Location</u>	<u>Lines</u>
"I"	3,900' FNL & 150' FWL of BLK- 205	0101, 0005, 0006
"J"	2,850' FNL & 150' FWL of BLK- 205	0101, 1004, 0005

After reviewing these data, the final report, and the 3D OBC seismic data; it is my professional opinion that there are no surface hazards which will have any adverse impact to Amerada Hess Corporation's drilling operations at these locations. It is concluded that these drilling sites are free from geologic hazards and drilling restrictions.



Scott B. Marler  
Consultant Geophysicist

**BEST AVAILABLE COPY**



**LEGEND**

□ SURFACE LOCATION

**PUBLIC**

**AMERADA HESS CORPORATION**  
 UNITED STATES OFFSHORE EXPLORATION

**SOUTH TIMBALIER  
 BLOCK 205  
 BATHYMETRY MAP**

0' 2,000' 4,000'

C.I. = 1'      DATE: 2/2001

# WATER BASE MUD COMPONENTS

## GULF OF MEXICO

CATEGORY	COMPOSITION
Gelling Agent	Wyoming Bentonite Clay Attapulgit
Weight Material	Barium Sulfate Barite
Thinner	Sodium Acid Pyrophosphate Leanardite Phosphate Lignite Resin Soaps Sodium Teraphosphate Terrochrome Lignosulfonate Chrome Lignosulfonate Polymeric Lignosulfonate Aluminum Chrome Lignosulfonate Calcium Lignosulfonate Hemlock Bark Extract Gilsonite Quebracho
Viscosifier	Starch Carboxymethyl Cellulose Sodium Hexametaphosphate Pelletized Asbestos
Lost Circulation Material	Cellophane Mica Flakes Ground Nut Hulls Expanded Perlite Diatomaceous Earth Shredded Leather Rice Hulls
Corrosion Inhibitor	Filming Amine
pH Control	Potassium Hydrate Caustic Soda
Lubricants	Detergent Castor Oil Alcohol
Various Chemicals	CaCl <sub>2</sub> CaCo <sub>3</sub>

ATTACHMENT F

BEST AVAILABLE COPY

**EXPLORATION PLAN (EP)  
AIR QUALITY SCREENING CHECKLIST**

OMB Control No. XXX-XXX  
Expiration Date: Pending

COMPANY	AMERADA HESS CORPORATION
AREA	SOUTH TIMBALIER
BLOCK	205
LEASE	OCS-G 5612
RIG	TYPICAL JACK-UP
WELL	I & J
COMPANY CONTACT	KEITH DUPUIS
TELEPHONE NO.	(713) 609-5926
REMARKS	DRILL AND COMPLETE TWO (2) EXPLORATORY WELLS.

"Yes"	"No"	Air Quality Screening Questions
	X	1. Are the proposed activities east of 87 5° W latitude?
	X	2. Are H <sub>2</sub> S concentrations greater than 20 ppm expected?
	X	3. Is gas flaring proposed for greater than 48 continuous hours per well?
	X	4. Is produced liquid burning proposed?
	X	5. Is the exploratory activity within 25 miles of shore?
	X	6. Are semi-submersible activities involved and is the facility within 50 miles of shore?
	X	7. Are drillship operations involved and is the facility within 120 miles of shore?
	X	8. Will the exploratory activity be collocated (same surface location) on a production facility?

If ALL questions are answered "No":

Submit only this coversheet with your plan, a full set of spreadsheets is not needed

If ANY of questions 1 through 7 is answered "Yes":

Prepare and submit a full set of EP spreadsheets with your plan.

If question number 8 is answered "Yes":

Prepare and submit a full set of DOCD spreadsheets showing the cumulative emissions from both the proposed activities and the existing production platform

BEST AVAILABLE COPY

02 28 2001 10:29 AM 2010/00000

U.S. GOVERNMENT PRINTING OFFICE