

UNITED STATES GOVERNMENT  
MEMORANDUM

January 26, 2005

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

Control # - S-06471  
Type - Supplemental Development Operations Coordinations Document  
Lease(s) - OCS-G10910 Block - 281 Main Pass Area  
OCS-G16515 Block - 280 Main Pass Area  
Operator - Dominion Exploration & Production, Inc.  
Description - Wells A-7, A-8, and A-9  
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/A-7	G16515/MP/280	5006 FSL, 1250 FWL	G10910/MP/281
WELL/A-8	G16515/MP/280	5006 FSL, 1250 FWL	G10910/MP/281
WELL/A-9	G16515/MP/280	5006 FSL, 1250 FWL	G10910/MP/281
WELL/NO. 5	G16515/MP/280	600 FSL, 5700 FEL	G16515/MP/280
WELL/NO. 6	G16515/MP/280	610 FSL, 6790 FEL	G16515/MP/280

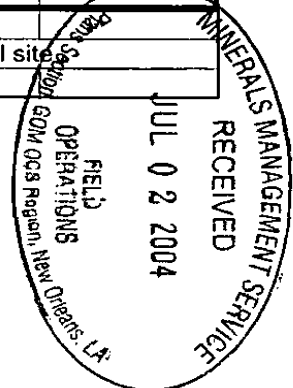
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APPENDIX E  
WASTES AND DISCHARGES INFORMATION  
LOCATION A-7

WELL NAME:MP 281 #A7;								
DRILLING RIG: BOB PALMER								
INTERVAL NO.	I	II	III	IV	V	VI	COMPLETION	TOTAL
BIT SIZE, IN.								
HOLE SIZE, IN.								
CASING SIZE, IN.								
DEPTH (MD), FT.								
INTERVAL LENGTH,FT.								
AVG % DRILL SOLIDS	3.5	3.5	4	4	4	4		
AVG SOLIDS REMOVAL EFF.	70	70	70	70	70	70		
CUTTINGS VOL., BBLS.	1192	1778	2036	1447	84	17		6554
MUD VOL., BBLS.	9859	14707	14659	10421	605	121		50372
MAX DISCHARGE RATE, BBL./HR. AVERAGE	681	508	268	185	120	52	50	
MAX DISCHARGE RATE, BBL./HR. MAXIMUM	1000	1000	1000	1000	1000	1000	1000	
DAYS	7	5	6	14	14	15	14	75
AVG PERSONNEL	50	50	50	50	50	50	50	
SANITARY WASTE, BBLS.	350	250	300	700	700	750	700	3750
DOMESTIC WASTE, BBLS./DAY	50	50	50	50	50	50	50	
DOMESTIC WASTE, TOTAL BBLS.	350	250	300	700	700	750	700	3750
FRESHWATER MAKER/COOLING WATER, GALS./	1440000	1440000	1440000	1440000	1440000	1440000	1440000	
FRESHWATER MAKER/COOLING WATER, TOTAL	10080000	7200000	8640000	20160000	20160000	21600000	20160000	87840000
DECK DRAINAGE, BBLS/DAY	50	50	50	50	50	50	50	
DECK DRAINAGE, TOTAL BBLS	350	250	300	700	700	750	700	3050
PRELOAD BALLAST, BBLS	30000	30000	0	0	0	0	0	60000
COMPLETION FLUID, BBLS./DAY	0	0	0	0	0	0	300	
COMPLETION FLUID, TOTAL BBLS.	0	0	0	0	0	0	4200	4200
* Note In section III, IV, V and VI , will be drilled using an oil base mud and that all cuttings will be caught and disposed of at an approved land disposal site such as ETT or Newpark.								

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APPENDIX E  
WASTES AND DISCHARGES INFORMATION  
LOCATION A-8

WELL NAME:MP 281 #A8;								
DRILLING RIG: BOB PALMER								
INTERVAL NO.	I	II	III	IV	V	VI	COMPLETION	TOTAL
BIT SIZE, IN.								
HOLE SIZE, IN.								
CASING SIZE, IN.								
DEPTH (MD), FT.								
INTERVAL LENGTH,FT.								
AVG % DRILL SOLIDS	3.5	3.5	4	4	4	4		
AVG SOLIDS REMOVAL EFF.	70	70	70	70	70	70		
CUTTINGS VOL., BBLs.	1192	1508	1330	650	0	0		4680
MUD VOL., BBLs.	9859	12476	9579	4679	0	0		36593
MAX DISCHARGE RATE, BBL./HR. AVERAGE	681	431	185	89	0	0	50	
MAX DISCHARGE RATE, BBL./HR. MAXIMUM	1000	1000	1000	1000	0	0	1000	
DAYS	7	7	8	16	0	0	14	52
AVG PERSONNEL	50	50	50	50	0	0	50	
SANITARY WASTE, BBLs.	350	350	400	800	0	0	700	1900
DOMESTIC WASTE, BBLs./DAY	50	50	50	50	0	0	50	
DOMESTIC WASTE, TOTAL BBLs.	350	350	400	800	0	0	700	1900
FRESHWATER MAKER/COOLING WATER, GALS./	1440000	1440000	1440000	1440000	0	0	1440000	
FRESHWATER MAKER/COOLING WATER, TOTAL	10080000	10080000	11520000	23040000	0	0	20160000	54720000
DECK DRAINAGE, BBLs/DAY	50	50	50	50	0	0	50	
DECK DRAINAGE, TOTAL BBLs	350	350	400	800	0	0	700	1900
PRELOAD BALLAST, BBLs	30000	30000	0	0	0	0	0	60000
COMPLETION FLUID, BBLs./DAY	0	0	0	0	0	0	300	
COMPLETION FLUID, TOTAL BBLs.	0	0	0	0	0	0	4200	4200
* Note In section III, IV, V and VI , will be drilled using an oil base mud and that all cuttings will be caught and disposed of at an approved land disposal site such as ETT or Newpark.								

PUBLIC INFORMATION

APPENDIX E  
WASTES AND DISCHARGES INFORMATION  
LOCATION A-9

WELL NAME:MP 281 #A9;								
DRILLING RIG: BOB PALMER								
INTERVAL NO.	I	II	III	IV	V	V1	COMPLETION	TOTAL
BIT SIZE, IN.								
HOLE SIZE, IN.								
CASING SIZE, IN.								
DEPTH (MD), FT.								
INTERVAL LENGTH,FT.								
AVG % DRILL SOLIDS	3.5	3.5	4	4	4	4		
AVG SOLIDS REMOVAL EFF.	70	70	70	70	70	70		
CUTTINGS VOL., BBLs.	1192	1508	1133	639	0	0		4472
MUD VOL., BBLs.	9859	12476	8160	4600	0	0		35094
MAX DISCHARGE RATE, BBL./HR. AVERAGE	681	431	185	89	0	0	50	
MAX DISCHARGE RATE, BBL./HR. MAXIMUM	1000	1000	1000	1000	0	0	1000	
DAYS	7	7	7	15	0	0	14	50
AVG PERSONNEL	50	50	50	50	0	0	50	
SANITARY WASTE, BBLs.	350	350	350	750	0	0	700	2500
DOMESTIC WASTE, BBLs./DAY	50	50	50	50	0	0	50	
DOMESTIC WASTE, TOTAL BBLs.	350	350	350	750	0	0	700	2500
FRESHWATER MAKER/COOLING WATER, GALS./	1440000	1440000	1440000	1440000	0	0	1440000	
FRESHWATER MAKER/COOLING WATER, TOTAL	10080000	10080000	10080000	21600000	0	0	20160000	72000000
DECK DRAINAGE, BBLs./DAY	50	50	50	50	0	0	50	
DECK DRAINAGE, TOTAL BBLs	350	350	350	750	0	0	700	1800
PRELOAD BALLAST, BBLs	30000	30000	0	0	0	0	0	60000
COMPLETION FLUID, BBLs./DAY	0	0	0	0	0	0	300	
COMPLETION FLUID, TOTAL BBLs.	0	0	0	0	0	0	4200	4200

PUBLIC INFORMATION

# PUBLIC INFORMATION

Main Pass Blocks 280/281  
Supplemental DOCD

## Appendix H Environmental Information

**Statement:** Supplemental Development Operations Coordination Document (DOCD) does not usually require an Environmental Report. However, an Environmental Impact Analysis has been completed and a copy is attached. The onshore and offshore environment should not be adversely impacted in any way.

### **Attachments to Appendix H:**

- Environmental Impact Analysis Report

PUBLIC INFORMATION

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***ENVIRONMENTAL IMPACT ANALYSIS***

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***APPENDIX H  
SUPPLEMENTAL DEVELOPMENT OPERATION COORDINATION  
DOCUMENT***

**OCS-G16515/10910, MAIN PASS BLOCK 280/281**

**GULF OF MEXICO  
OFFSHORE, LOUISIANA  
*AREA I***

***DOMINION EXPLORATION & PRODUCTION, INC.***

Ms. Joan Elterman  
Dominion Exploration & Production, Inc.  
1450 Poydras Street  
New Orleans, Louisiana 70112-6000

July 2004

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# PUBLIC INFORMATION

*Environmental Impact Analysis  
Main Pass Block 280-281 (DOCD-S)*

## **DESCRIPTION OF THE PROPOSED ACTION**

This Environmental Impact Analysis addresses the development activities proposed by Dominion Exploration & Production, Inc. (Dominion E&P) for Main Pass Blocks 280/281, Leases OCS-G 16515/10910, Offshore, Louisiana. As proposed, the Supplemental Development Operation Coordination Document (DOCD-S) provides drilling and producing three additional wells from the existing Platform A in Block 281. The work will begin on or about August 1, 2004.

As a prudent operator, Dominion E&P will conduct its operations in accordance with the provisions specified in MMS NTL 98-20 in order to avoid all pipelines and/or cables in the vicinity of the proposed operations. Dominion E&P is aware of pipelines located in the vicinity of the block and will avoid them in the proposed operations.

To ensure that activities in support of OCS operations do not adversely impact endangered or threatened species, all helicopter flights over national parks and wildlife refuges will adhere to a minimum altitude of 2000 feet as required by the Federal Aviation Administration (LTL 8-30-90).

The proposed activity will be carried out and completed with the guarantee that:

- The best available and safest technologies will be utilized throughout the project. This includes meeting all applicable requirements for equipment types, general project layout, safety systems, and equipment and monitoring systems.
- All operations will be covered by an approved Oil Spill Response Plan.
- 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 conditions, will be complied with.
- The proposed activities described in detail in this OCS Plan comply with the enforceable policies of Louisiana's approved Coastal Management Program and will be conducted in a manner consistent with such program.

Following this sheet is:

- A. Environmental Impact Analysis worksheet**
- B. Analysis**
  - Site-specific at Offshore Location**
  - Vicinity of Offshore Location**
  - Coastal and Onshore**
  - Other Environmental Resources Identified**
- C. Impacts on proposed activities**
- D. Alternatives**

## PUBLIC INFORMATION

*Environmental Impact Analysis  
Main Pass Block 280-281 (DOCD-S)*

- E. Mitigation measures**
- F. Consultation**
- G. References**



# PUBLIC INFORMATION

Environmental Impact Analysis  
Main Pass Block 280-281 (DOCD-S)

## (A) Environmental Impact Analysis Worksheet

Identify the IPF's that can cause impacts to the listed environmental resources by placing an "x" in the space under each IPF category associated with your proposed activities that may impact a particular environmental resource. If you determine an IPF would not impact a particular environmental resource, leave the space blank. For those cells that are footnoted, provide a statement as to the applicability to your proposed operations, and, where there may be an effect, provide an analysis of the effect. If you are aware of other environmental resources at or near your activity's site that are not included on the worksheet, address them too.

Environmental Resources	Impact Producing Factors (IPFs)					
	Categories and Examples					
	Refer to a recent GOM OCS Lease Sale EIS for a more complete list of IPFs					
	Emissions (air, noise, light, etc.)	Effluents (muds, cuttings, other discharges to the water column or seafloor)	Physical disturbances to the seafloor (rig or anchor emplacements, etc.)	Wastes sent to shore for treatment or disposal	Accidents (e.g. oil spills, chemical spills, H2S releases)	Other IPF's you identify
<b>Site-specific at Offshore Location</b>						
Designated topographic features		(1)	(1)		(1)	
Pinnacle Trend area live bottoms		(2)	(2)		(2)	
Eastern Gulf live bottoms		(3)	(3)		(3)	
Chemosynthetic communities			(4)			
Water quality		X			X	
Fisheries					X	
Marine mammals	X (8)				X (8)	
Sea turtles	X (8)				X (8)	
Air quality	X (9)					
Shipwreck sites (known or potential)			(7)			
Prehistoric archaeological sites			(7)			
<b>Vicinity of Offshore Location</b>						
Essential fish habitat					X (6)	
Marine and pelagic birds					X	
Public health and safety					(5)	
<b>Coastal and Offshore</b>						
Beaches					X (6)	
Wetlands					X (6)	
Shore birds and coastal nesting birds					X (6)	
Coastal wildlife refuges					X	
Wilderness areas					X	
<b>Other Resources You Identify</b>						

The numbers in parenthesis refer to the footnotes on following page.

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*Environmental Impact Analysis  
Main Pass Block 280-281 (DOCD-S)*

## Footnotes for Environmental Impact Analysis Matrix

1. Activities that may affect a marine sanctuary or topographic feature. Specifically, if the well or platform site or any anchors will be on the seafloor within the:
  - (a) 4-mile zone of the Flower Garden Banks, or the 3-mile zone of Stetson Bank,
  - (b) 1000-m, 1-mile or 3-mile zone of any topographic feature (submarine bank) protected by the Topographic Features Stipulation attached to an OCS lease;
  - (c) Essential Fish Habitat (EFH) criteria of 500 ft from any no-activity zone; or
  - (d) Proximity of any submarine bank (500 ft buffer zone) with relief greater than 2 meters that is not protected by the Topographic Features Stipulation attached to an OCS lease.
2. Activities with any bottom disturbance within an OCS lease block protected through the Live Bottom (Pinnacle Trend) Stipulation attached to an OCS lease.
3. Activities within any Eastern Gulf OCS block where seafloor habitats are protected by the Live Bottom (Low-Relief) Stipulation attached to an OCS lease.
4. Activities on blocks designated by the MMS as being in water depths 400 meters or greater.
5. Exploration or production activities where H<sub>2</sub>S concentrations greater than 500 ppm might be encountered.
6. All activities that could result in an accidental spill of produced liquid hydrocarbons or diesel fuel that you judge would impact these environmental resources. If the proposed action is located a sufficient distance from a resource that no impact would occur, the EIA can note that in a sentence or two.
7. All activities that involve seafloor disturbances, including anchor emplacements, in any OCS block designated by the MMS as having high-probability for the occurrence of shipwrecks or prehistoric sites, including such blocks that will be affected that are adjacent to the lease block in which your planned activity will occur. If the proposed activities are located a sufficient distance from a shipwreck or prehistoric site that no impact would occur, the EIA can note that in a sentence or two.
8. All activities that you determine might have an adverse effect on endangered or threatened marine mammals or sea turtles or their critical habitats.
9. Production activities that involve transportation of produced fluids to shore using shuttle tankers or barges.

## **(B) Analysis**

### **Site-specific at Offshore Location:**

#### **1. Designated topographic features**

There are no IPF's (including effluents, physical disturbances to the seafloor, and accidents) from the proposed activities that could cause impacts to topographic features. The site-specific offshore location of the proposed activities is approximately 95 miles away from the closest designated topographic feature Bank (Sackett).

It is unlikely that an accidental surface or subsurface oil spill would occur from the proposed activities. Since the crests of designated topographic features in the northern Gulf are found below 10 m, concentrated oil from a surface spill is not expected to reach their sessile biota. Even if a subsurface spill were to occur very near a designated topographic feature, subsurface oil should rise to the surface, and any oil remaining at depth would probably be swept clear of the banks by currents moving around the banks. The activities proposed in this plan will be covered by our regional OSRP (refer to information submitted in accordance with NTL 2002-G08 Appendix F).

#### **2. Pinnacle trend area live bottoms**

There are no IPF's (including effluents, physical disturbances to the seafloor, and accidents) from the proposed activities that could cause impacts to pinnacle trend area live bottoms. The site-specific offshore location of the proposed activities is not located within the pinnacle-trend; therefore there will be no impact to the features.

It is unlikely that an accidental surface or subsurface oil spill would occur from the proposed activities. Any surface oil spill resulting from the proposed action would likely have no impact on the biota of the pinnacle trend because the crests of these features are much deeper than 20 m. Even if a subsurface spill were to occur very near pinnacle trend live bottom areas, subsurface oil should rise in the water column, surfacing almost directly over the source location and thus not impact pinnacles. The activities proposed in this plan will be covered by our regional OSRP (refer to information submitted in accordance with NTL 2002-G08 Appendix F).

#### **3. Eastern Gulf live bottoms**

There are no IPF's (including effluents, physical disturbances to the seafloor, or potential accidents) from the proposed activities that could cause impacts to Eastern Gulf live bottoms. The site-specific offshore location of the proposed activities is located in the Central Gulf off of the coast of Louisiana.

It is unlikely that an accidental oil spill would occur from the proposed activities. Any surface or subsurface oil spill resulting from the proposed action would not be expected to cause adverse impacts to eastern gulf live bottoms because of the depth of the features and dilution of spills (by currents and/or quickly rising oil). The activities proposed in this plan will be covered by our regional OSRP (refer to information submitted in accordance with NTL 2002-G08 Appendix F).

#### **4. Chemosynthetic communities**

The proposed activities would not occur in deepwater (water depths 400 meters or

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greater). Therefore, there are no IPF's (e.g., physical disturbances to the seafloor, effluents) from the proposed activities have the potential to cause impacts to chemosynthetic communities.

## 5. Water quality

Effluents and accidents from the proposed activities could potentially cause impacts to water quality. However, since all discharges will be made in accordance with a general National Pollutant Discharge Elimination System (NPDES) permit issued by U.S. Environmental Protection Agency (USEPA), operational discharges are not expected to cause significant adverse impacts to water quality.

It is unlikely that an accidental oil spill would occur from the proposed activities. If a spill were to occur, the water quality of marine water would be temporarily affected by the dissolved components and small oil droplets. Dispersion by currents and microbial degradation would remove the oil from the water column or dilute the constituents to background levels. The activities proposed in this plan will be covered by our regional OSRP (refer to information submitted in accordance with NTL 2002-G08 Appendix F).

## 6. Fisheries

An accidental oil spill that may occur as a result of the proposed action has the potential to cause some detrimental effects to fisheries. However, it is unlikely that an accidental surface or subsurface oil spill would occur from the proposed activities. If a spill were to occur in open waters of the OCS proximate to mobile adult finfish or shellfish, the effects would likely be sublethal and the extent of damage would be reduced to the capability of adult fish and shellfish to avoid a spill, to metabolize hydrocarbons, and to excrete both metabolites and parent compounds. The activities proposed in this plan will be covered by our regional OSRP (refer to information submitted in accordance with NTL 2002-G08 Appendix F).

## 7. Marine mammals

Marine mammals may be adversely impacted by several IPF's (including vessel traffic, noise, accidental oil spills, and loss of trash and debris), all of which could occur due to the proposed action. Chronic and sporadic sublethal effects could occur that may stress and/or weaken individuals of a local group or population and make them more susceptible to infection from natural or anthropogenic sources. Few lethal effects are expected from oil spills, chance collisions with service vessels and ingestion of plastic material. Oil spills of any size are estimated to be periodic events that may contact cetaceans. Disturbance (e.g., noise) may stress animals, weaken their immune systems, and make them more vulnerable to parasites and diseases that normally would not be fatal.

The net result of any disturbance would depend on the size and percentage of the population affected, ecological importance of the disturbed area, environmental and biological parameters that influence an animal's sensitivity to disturbance and stress, and the accommodation time in response to prolonged disturbance (Geraci and St. Aubin, 1980). Collisions between cetaceans and ships could cause serious injury or death (Laist et al., 2001). Sperm whales are one of 11 whale species that are hit commonly by ships (Laist et al., 2001). Collisions between OCS vessels and cetaceans within the project area are expected to be unusual events.

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## **8. Sea turtles**

IPF's that could impact sea turtles include vessel traffic, noise, trash and debris, and accidental oil spills. Small numbers of turtles could be killed or injured by chance collision with service vessels or by eating indigestible trash, particularly plastic items, accidentally lost from drill rigs, production facilities, and service vessels. Drilling rigs and project vessels produce noise that could disrupt normal behavior patterns and create some stress potentially making sea turtles more susceptible to disease. Oil spills and oil-spill-response activities are potential threats that could have lethal effects on turtles. Contact with oil, consumption of oil particles, and oil-contaminated prey could seriously affect individual sea turtles. Oil Spill Response Planning and the habitat protection requirements of the Oil Pollution Act of 1990 should mitigate these threats.

Most OCS-related impacts on sea turtles are expected to be sublethal. Chronic sublethal effects (e.g., stress) resulting in persistent physiological or behavioral changes and/or avoidance of effected areas could cause declines in survival or productivity, resulting in gradual population declines.

## **9. Air quality**

There would be a limited degree of air quality degradation in the immediate vicinity of the proposed activities. Air quality analysis of the proposed activities indicated that the MMS exemption level is not exceeded.

## **10. Shipwreck sites (known or potential)**

The major factor from the proposed activities that could cause impacts to known or potential prehistoric and/or historic archaeological resources would be physical disturbances to the seafloor resulting from direct contact by the placement of drilling rigs. The MMS has issued regulations that require OCS lessees and operators to conduct an archaeological survey prior to proposed activities within areas determined to have a high probability for archaeological resources.

The likely locations of archaeological sites are delineated by the conducting of a remote-sensing survey of the seabed and near-surface sediments. NTL 2002-G01 mandates a 50-m linespacing for remote-sensing surveys of leases within the high-probability areas for historic shipwrecks

If the evidence suggests that an archaeological resource may be present, the lessee must either locate the site of any operation so as not to adversely affect the area where the archaeological resource may be, demonstrate that an archaeological resource does not exist, or demonstrate that archaeological resources will not adversely be affected by operations. If the lessee discovers any archaeological resource while conducting approved operations, operations must be immediately stopped and the discovery reported to the MMS Regional Director.

Required archaeological surveys significantly lower the potential for loss of unique or significant archaeological information by identifying potential archaeological sites prior to an impact, thereby making avoidance or mitigation of impacts possible.

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The proposed activities are not located in an OCS block designated by MMS as having high-probability for the occurrence of shipwrecks. A review of the Shallow Hazards Report (submitted in accordance with NTL 2002-G08, Appendix C, and NTL 98-20) indicates that there is no known or potential shipwreck sites located within the survey area.

## **11. Prehistoric archaeological sites**

There are no IPF's (including physical disturbances to the seafloor) from the proposed activities that could cause impacts to prehistoric archaeological sites. This is because the proposed activities are not located in or adjacent to an OCS block designated by MMS as having high-probability for the occurrence of prehistoric archaeological sites.

### **Vicinity of Offshore Location:**

#### **1. Essential fish habitat**

An accidental oil spill that may occur as a result of the proposed action has the potential to cause some detrimental effects on essential fish habitat. However, it is unlikely that an accidental surface or subsurface oil spill would occur from the proposed activities. If a spill were to occur in open waters of the OCS proximate to mobile adult finfish or shellfish, the effects would likely be sublethal and the extent of damage would be reduced to the capability of adult fish and shellfish to avoid a spill, to metabolize hydrocarbons, and to excrete both metabolites and parent compounds. The activities proposed in this plan will be covered by our regional OSRP (refer to information submitted in accordance with NTL 2002-G08 Appendix F).

#### **2. Marine and pelagic birds**

An accidental oil spill that may occur as a result of the proposed action has the potential to impact marine and pelagic birds-birds could become oiled. However, it is unlikely that an accidental oil spill would occur from the proposed activities. The activities proposed in this plan will be covered by our regional OSRP (refer to information submitted in accordance with NTL 2002-G08 Appendix F).

#### **3. Public health and safety due to accidents**

There are no IPF's (including an accidental H<sub>2</sub>S releases) from the proposed activities that could cause impacts to public health and safety.

In accordance with 30 CFR 250.417(c) and NTL 2002-G08 (Appendix C) we have submitted sufficient information to justify our request that the area of our proposed activities be classified by MMS as H<sub>2</sub>S absent.

### **Coastal and Onshore:**

#### **1. Beaches**

An accidental oil spill from the proposed activities could cause impacts to beaches. However, due to the capabilities that would be implemented, no significant adverse impacts are expected. Both the historical spill data and the combined trajectory/risk calculations referenced in the publication OCS EIS/EA MMS 2002-052 indicate there is little risk of contact or impact to the coastline and associated environmental resources. The activities proposed in this plan will be covered by our regional OSRP (refer to information submitted in accordance with NTL 2002-

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*Environmental Impact Analysis  
Main Pass Block 280-281 (DOCD-S)*

G08 Appendix F).

## **2. Wetlands**

An accidental oil spill from the proposed activities could cause impacts to wetlands. However, due to the response capabilities that would be implemented, no significant adverse impacts are expected.

Both the historical spill data and the combined trajectory/risk calculations referenced in the publication OCS EIS/EA MMS 2002-052 indicate the risk of contact to the coastline and associated environmental resources. The activities proposed in this plan will be covered by our regional OSRP (refer to information submitted in accordance with NTL 2002-G08 Appendix F).

## **3. Shore birds and coastal nesting birds**

An accidental oil spill from the proposed activities could cause impacts to shore birds and coastal nesting birds. However, due to the response capabilities that would be implemented, no significant adverse impacts are expected. Both the historical spill data and the combined trajectory/risk calculations referenced in the publication OCS EIS/EA MMS 2002-052 indicate the risk of contact to the coastline and associated environmental resources. The activities proposed in this plan will be covered by our regional OSRP (refer to information submitted in accordance with NTL 2002-G08 Appendix F).

## **4. Coastal wildlife refuges**

An accidental oil spill from the proposed activities could cause impacts to coastal wildlife refuges. However, due to the response capabilities that would be implemented, no significant adverse impacts are expected. Both the historical spill data and the combined trajectory/risk calculations referenced in the publication OCS EIS/EA MMS 2002-052 indicate the risk of contact to the coastline and associated environmental resources. The activities proposed in this plan will be covered by our regional OSRP (refer to information submitted in accordance with NTL 2002-G08 Appendix F).

## **5. Wilderness areas**

An accidental oil spill from the proposed activities could cause impacts to wilderness areas. However, due to the response capabilities that would be implemented, no significant adverse impacts are expected. Both the historical spill data and the combined trajectory/risk calculations referenced in the publication OCS EIS/EA MMS 2002-052 indicate the risk of contact to the coastline and associated environmental resources. The activities proposed in this plan will be covered by our regional OSRP (refer to information submitted in accordance with NTL 2002-G08 Appendix F).

### **Other Environmental Resources Identified:**

None

## **(C) Impacts on proposed activities**

The site-specific environmental conditions have been taken into account for the proposed activities. No impacts are expected on the proposed activities from site-specific environmental

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*Environmental Impact Analysis  
Main Pass Block 280-281 (DOCD-S)*

conditions.

A Geophysical Report was submitted in accordance with NTL 2002-G08, Appendix C, and NTL 98-20. A Shallow Hazards Assessment of any seafloor and subsurface geological and manmade features and conditions that may adversely affect operations was submitted in accordance with NTL 2002-G08 and NTL 98-20.

## **(D) Alternatives**

No alternatives to the proposed activities were considered to reduce environmental impacts.

## **(E) Mitigation measures:**

Through detection and avoidance, the Live Bottom Stipulation minimizes the likelihood of mechanical damage from OCS activities associated with rig and anchor emplacement.

The Military Areas Stipulation reduces potential impacts by requiring the operator to notify the military prior to conducting oil and gas activity in the area.

## **(F) Consultation:**

No agencies or persons were consulted regarding potential impacts associated with the proposed activities. Therefore, a list of such entities has not been provided.

## **(G) References:**

Although not always cited, the following were utilized in preparing the EJA:

MMS NTL 98-20  
MMS NTL 2002-G08  
MMS NTL 2000-G20  
MMS NTL 2002-G01  
MMS LTL 8-30-90  
Hazard Survey  
MMS OCS EIS/EA MMS 97-0033  
MMS OCS EIS/EA MMS 2002-052  
Authors: Geraci and St. Aubin, 1980  
Laist et al., 2001



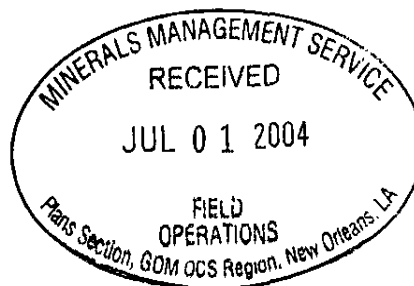
# PUBLIC INFORMATION

U.S. Department of the Interior  
Minerals Management Service

OMB Control Number: 1010-0049  
OMB Approval Expires: August 31, 2006

## OCS PLAN INFORMATION FORM

General Information									
Type of OCS Plan:		Exploration Plan (EP)			<input checked="" type="checkbox"/> Development Operations Coordination Document (DOCD)				
Company Name: Dominion Exploration & Production, Inc.				MMS Operator Number: 00282					
Address: 1450 Poydras Street				Contact Person: KATHY GOWLAND					
New Orleans, Louisiana 70112-6000				Phone Number: 504-593-7152					
				E-Mail Address: Kathy_R_Gowland@dom.com					
Lease(s): OCS-G-16515/10910		Area: MP		Block(s): 280/281		Project Name (If Applicable):			
Objective(s): <input checked="" type="checkbox"/> Oil		<input type="checkbox"/> Gas		<input type="checkbox"/> Sulphur		<input type="checkbox"/> Salt		Onshore Base: FOURCHON Distance to Closest Land (Miles): 52	
Description of Proposed Activities (Mark all that apply)									
<input type="checkbox"/> Exploration drilling				<input checked="" type="checkbox"/> Development drilling					
<input type="checkbox"/> Well completion				<input type="checkbox"/> Installation of production platform					
<input type="checkbox"/> Well test flaring (for more than 48 hours)				<input type="checkbox"/> Installation of production facilities					
<input type="checkbox"/> Installation of caisson or platform as well protection structure				<input type="checkbox"/> Installation of satellite structure					
<input type="checkbox"/> Installation of subsea wellheads and/or manifolds				<input type="checkbox"/> Commence production					
<input type="checkbox"/> Installation of lease term pipelines				<input type="checkbox"/> Other (Specify and describe)					
Have you submitted or do you plan to submit a Conservation Information Document to accompany this plan?								Yes	<input checked="" type="checkbox"/> No
Do you propose to use new or unusual technology to conduct your activities?								Yes	<input checked="" type="checkbox"/> No
Do you propose any facility that will serve as a host facility for deepwater subsea development?								Yes	<input checked="" type="checkbox"/> No
Do you propose any activities that may disturb an MMS-designated high-probability archaeological area?								Yes	<input checked="" type="checkbox"/> No
Have all of the surface locations of your proposed activities been previously reviewed and approved by MMS?								<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Tentative Schedule of Proposed Activities									
Proposed Activity				Start Date	End Date	No. of Days			
DRILL & COMPLETE LOCATION A-7				08/01/2004	10/14/2004	75			
DRILL & COMPLETE LOCATION A-8				10/15/2004	12/05/2004	52			
DRILL & COMPLETE LOCATION A-9				12/06/2004	01/24/2005	50			
Description of Drilling Rig				Description of Production Platform					
<input type="checkbox"/> Jackup		<input type="checkbox"/> Drillship		<input type="checkbox"/> Caisson		<input type="checkbox"/> Tension leg platform			
<input checked="" type="checkbox"/> Gorilla Jackup		<input type="checkbox"/> Platform rig		<input type="checkbox"/> Well protector		<input type="checkbox"/> Compliant tower			
<input type="checkbox"/> Semisubmersible		<input type="checkbox"/> Submersible		<input type="checkbox"/> Fixed platform		<input type="checkbox"/> Guyed tower			
<input type="checkbox"/> DP Semisubmersible		<input type="checkbox"/> Other (Attach Description)		<input type="checkbox"/> Subsea manifold		<input type="checkbox"/> Floating production system			
Drilling Rig Name (If Known):				<input type="checkbox"/> Spar		<input type="checkbox"/> Other (Attach Description)			
Description of Lease Term Pipelines									
From (Facility/Area/Block)		To (Facility/Area/Block)		Diameter (Inches)		Length (Feet)			
N/A									



**DOMINION EXPLORATION & PRODUCTION, INC.**

**MAIN PASS BLOCKS 280 & 281**

**OCS-G-16515 & 10910**

**SUPPLEMENTAL  
DEVELOPMENT OPERATION COORDINATION DOCUMENT**

**PUBLIC INFORMATION COPY**

**SUBMITTED:**

**July 1, 2004**

# PUBLIC INFORMATION

## Development Operations Coordination Document (Supplemental)

**Dominion Exploration & Production, Inc.  
Main Pass Block 280/281, OCS-G-16515/G-10910  
Supplemental Location A-7, A-8 & A-9**

### Table of Contents

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# PUBLIC INFORMATION

Main Pass Blocks 280/281  
Supplemental DOCD

## Appendix A Contents of Plan

- (A) **Description, Objectives and Schedule:** In accordance with 30 CFR Subpart B 250.204, Dominion E&P proposes to conduct development drilling and production activities at Main Pass Blocks 280/281. Plans are to supplement the current Development Operations Coordination Document (DOCD) by drilling and producing three additional wells from the existing Platform A, Block 281, OCS-G 10910. No well testing/flaring are planned at this time. Following is a schedule of proposed activities and approximated time requirements:

<u>Activity Schedule</u>	<u>Date of Action</u>
- Drill and complete Well A-7	August 1 – October 14, 2004
- Drill and complete Well A-8	October 15 – December 5, 2004
- Drill and complete Well A-9	December 6, 2004 – January 24, 2005
Approximate time required	177 days

- (B) **Location:** Main Pass Blocks 280/281 are located approximately 52 statute miles east of the coastline of Plaquemines Parish (nearest land). A vicinity map depicting Blocks 280/281 relative to the Louisiana, Mississippi and Alabama coast is included as an attachment to Appendix A. Water depths in Blocks range from 285 feet in the northwest corner of Block 280 to 335 feet in the southeast corner of Block 281. Water depth at Platform "A" is approximately 307 feet. A Proprietary Plat indicating the surface location (SL), bottom-hole location (BHL), true vertical depth (TVD), measured depth (MD), and water depth for each proposed location exists as an attachment to Appendix A (omitted from Public Information).

- (C) **Drilling Unit:** A jack-up rig similar to the Rowan Gorilla II will be utilized for proposed development drilling activities. Rig is equipped with numerous safety and environmental features, such as, curbs, gutters, drip pans and drains to collect all contaminants not authorized to discharge. Safety features will include well control and blowout prevention equipment as described in 30 CFR 250.300. Additional safety equipment includes survival type lifeboats, life rafts and life jackets, first aid supplies, and fire fighting equipment in accordance with U. S. Coast Guard requirements. Operating procedures not covered by specific legal regulations will be conducted in accordance with the standard codes as best available and safest technologies (BAST) as referenced in 30 CFR Subpart A – 250.1 & 250.3 – Performance Requirements.

# PUBLIC INFORMATION

Main Pass Blocks 280/281  
Supplemental DOCD

- (D) **Production Facilities:** Development drilling and production will be conducted from the existing Dominion E&P Platform "A" located in Block 281, OCS-G-10910. The A Platform production/processing equipment and personnel are deemed adequate for this proposed development activity. Detailed records of safety equipment tests conducted by Dominion E&P operations personnel will be kept on the platform as required by the Minerals Management Service. During drilling, operations are continuously monitored to watch for possible kicks or blowouts and systems are in place to warn and protect personnel. During production, the facilities are protected by safety systems in several ways. Individual process units will shut down upon detection of an upset condition. In cases where upset process conditions present danger to the platform personnel and equipment, all inflow from the wells will be stopped automatically with a final act of closing the surface controlled subsurface safety valve (SCSSV), which is located in the production string.

## **Attachments to Appendix A**

- Location Plat w/SL, BHL, MD, TVD, X -Y, and Lease Line calls (Proprietary)
- A vicinity map of Blocks 280/281 relative to the Coast.
- A bathymetry map (Proprietary)
- Location Table (Proprietary)

# PUBLIC INFORMATION

OCS 8228  
10397 MD  
14008 TYD

AMOCO  
OCS 2207  
10800 MD  
7960 TYD

280  
AMERADA  
OCS 2208  
14688 MD

G16515B  
HBP  
8/2001  
\*DEPI 100%

G10910B  
HBP  
6/1994  
\*DEPI 68%  
WALTER 18%  
ZILKHA 14%

G10910A  
HBP  
6/1994  
\$213,758  
UPRC 50%  
SONAT 50%

**SURFACE LOCATION**  
X= 3005350, Y= 238836.2756  
LAT: 29:17:07, LON:-88:10:46

OCS 18515  
G-1  
11776 MD  
11186 TYD

OCS 14515  
A-201  
15777 MD  
14538 TYD

OCS 14515  
2  
10716 MD  
8069 TYD

OCS 10910  
A-901  
14200 MD  
15400 TYD

OCS 10910  
A-8  
14040 MD  
13708 TYD

OCS 10910  
A-1  
14608 MD  
13790 TYD

G13672A  
DP  
1997  
17.700  
OBIL 67%  
HILLIPS 33%

OCS 13672  
A-3  
10836 MD  
13668 TYD

OCS 13672  
A-15  
14200 MD  
13849 TYD

OCS 13672  
A-2  
11730 MD  
13629 TYD

734  
OCS 13672  
2

G13672B  
SOP  
7/1997  
\*DEPI 68%  
WALTER 18%  
SONAT 14%

G16545  
EXP  
8/2001  
\$268,000  
\*SHELL 100%

DOMINION EXPLORATION & PRODUCTION, INC.

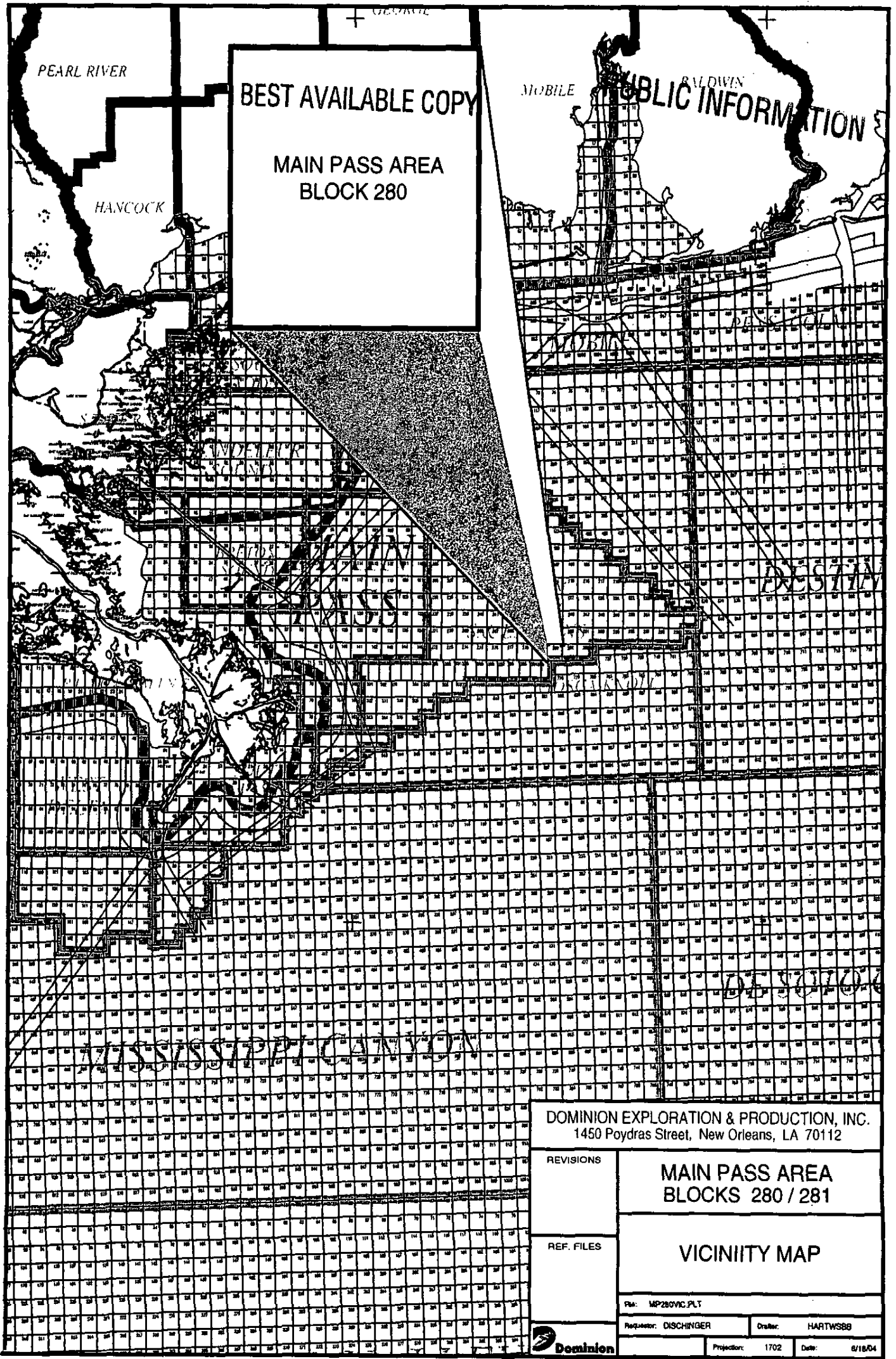
**MAIN PASS S. & E. ADDN.  
BLOCKS 280 / 281  
LOCATION PLAT**

BEST AVAILABLE COPY

DISCHINGER  
BAILEY  
MP281 LOC PLT  
hartwabb

0 3000'

PROJ: LAS  
24-JUN-2004



BEST AVAILABLE COPY

MAIN PASS AREA  
BLOCK 280

MOBILE BALDWIN  
PUBLIC INFORMATION

DOMINION EXPLORATION & PRODUCTION, INC.  
1450 Poydras Street, New Orleans, LA 70112

REVISIONS

REF. FILES

MAIN PASS AREA  
BLOCKS 280 / 281

VICINITY MAP

File: MP280VIC.PLT

Requestor: DISCHINGER

Drafter:

HARTWSBB

Projection:

1702

Date:

6/18/04



# PUBLIC INFORMATION

2

## LOCATION TABLE - PUBLIC INFORMATION

### OCS PLAN INFORMATION FORM (CONTINUED)

Include one copy of this page for each proposed well/structure

Proposed Well/Structure Location									
Well or Structure Name/Number (If renaming well or structure, reference previous name): MAIN PASS 281, LOCATION A-7					Subsea Completion				
Anchor Radius (if applicable) in feet: N/A					<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">Yes</td> <td style="width: 50%; text-align: center;">No</td> </tr> <tr> <td></td> <td style="text-align: center;">X</td> </tr> </table>	Yes	No		X
Yes	No								
	X								
	Surface Location		Bottom-Hole Location (For Wells)						
Lease No.	OCS -G-10910		OCS						
Area Name	MAIN PASS								
Block No.	281								
Blockline Departures (in feet)	N/S Departure: F S L 5006'		N/S Departure: F L						
	E/W Departure: 1249.5' F W L		E/W Departure: F L						
Lambert X-Y coordinates	X: 3,005,350		X:						
	Y: 238,836.2756		Y:						
Latitude/Longitude	Latitude 29:17:07		Latitude						
	Longitude 88:10:46		Longitude						
TVD (Feet):		MD (Feet):		Water Depth (Feet): 308'					
Anchor Locations for Drilling Rig or Construction Barge (If anchor radius supplied above, not necessary)									
Anchor Name or No.	Area	Block	X Coordinate	Y Coordinate	Length of Anchor Chain on Seafloor				
			X =	Y =					
			X =	Y =					
			X =	Y =					
			X =	Y =					
			X =	Y =					
			X =	Y =					
			X =	Y =					
			X =	Y =					
<p><b>Paperwork Reduction Act of 1995 Statement:</b> The Paperwork Reduction Act of 1995 (44 U.S.C. Chapter 35) requires us to inform you that MMS collects this information as part of an applicant's Exploration Plan or Development Operations Coordination Document submitted for MMS approval. We use the information to facilitate our review and data entry for OCS plans. We will protect proprietary data according to the Freedom of Information Act and 30 CFR 250.196. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid Office of Management and Budget Control Number. The use of this form is voluntary. The public reporting burden for this form is included in the burden for preparing Exploration Plans and Development Operations Coordination Documents. We estimate that burden to average 580 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to the Information Collection Clearance Officer, Mail Stop 4230, Minerals Management Service, 1849 C Street, N.W., Washington, DC 20240.</p>									



# PUBLIC INFORMATION

2

## LOCATION TABLE - PUBLIC INFORMATION

### OCS PLAN INFORMATION FORM (CONTINUED)

Include one copy of this page for each proposed well/structure

Proposed Well/Structure Location							
Well or Structure Name/Number (If renaming well or structure, reference previous name): MAIN PASS 281, LOCATION A-8					Subsea Completion		
Anchor Radius (if applicable) in feet: N/A					<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">Yes</td> <td style="width: 50%; text-align: center;">No X</td> </tr> </table>	Yes	No X
Yes	No X						
	Surface Location		Bottom-Hole Location (For Wells)				
Lease No.	OCS -G-10910		OCS				
Area Name	MAIN PASS						
Block No.	281						
Blockline Departures (in feet)	N/S Departure: F S L 5006'		N/S Departure: F L				
	E/W Departure: 1249.5' F W L		E/W Departure: F L				
Lambert X-Y coordinates	X: 3,005,350		X:				
	Y: 238,836.2756		Y:				
Latitude/Longitude	Latitude 29:17:07		Latitude				
	Longitude 88:10:46		Longitude				
TVD (Feet):		MD (Feet):		Water Depth (Feet): 308'			
Anchor Locations for Drilling Rig or Construction Barge (If anchor radius supplied above, not necessary)							
Anchor Name or No.	Area	Block	X Coordinate	Y Coordinate	Length of Anchor Chain on Seafloor		
			X =	Y =			
			X =	Y =			
			X =	Y =			
			X =	Y =			
			X =	Y =			
			X =	Y =			
			X =	Y =			
			X =	Y =			
<p><b>Paperwork Reduction Act of 1995 Statement:</b> The Paperwork Reduction Act of 1995 (44 U.S.C. Chapter 35) requires us to inform you that MMS collects this information as part of an applicant's Exploration Plan or Development Operations Coordination Document submitted for MMS approval. We use the information to facilitate our review and data entry for OCS plans. We will protect proprietary data according to the Freedom of Information Act and 30 CFR 250.196. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid Office of Management and Budget Control Number. The use of this form is voluntary. The public reporting burden for this form is included in the burden for preparing Exploration Plans and Development Operations Coordination Documents. We estimate that burden to average 580 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to the Information Collection Clearance Officer, Mail Stop 4230, Minerals Management Service, 1849 C Street, N.W., Washington, DC 20240.</p>							

# PUBLIC INFORMATION

2

## LOCATION TABLE - PUBLIC INFORMATION

### OCS PLAN INFORMATION FORM (CONTINUED)

Include one copy of this page for each proposed well/structure

Proposed Well/Structure Location							
Well or Structure Name/Number (If renaming well or structure, reference previous name): MAIN PASS 281, LOCATION A-9					Subsea Completion		
Anchor Radius (if applicable) in feet: N/A					<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">Yes</td> <td style="width: 50%; text-align: center;">No X</td> </tr> </table>	Yes	No X
Yes	No X						
Surface Location		Bottom-Hole Location (For Wells)					
Lease No.	OCS -G-10910		OCS				
Area Name	MAIN PASS						
Block No.	281						
Blockline Departures (in feet)	N/S Departure: F S L 5006'		N/S Departure: F L				
	E/W Departure: 1249.5' F W L		E/W Departure: F L				
Lambert X-Y coordinates	X: 3,005,350		X:				
	Y: 238,836.2756		Y:				
Latitude/Longitude	Latitude 29:17:07		Latitude				
	Longitude 88:10:46		Longitude				
TVD (Feet):		MD (Feet):		Water Depth (Feet): 308'			
Anchor Locations for Drilling Rig or Construction Barge (If anchor radius supplied above, not necessary)							
Anchor Name or No.	Area	Block	X Coordinate	Y Coordinate	Length of Anchor Chain on Seafloor		
			X =	Y =			
			X =	Y =			
			X =	Y =			
			X =	Y =			
			X =	Y =			
			X =	Y =			
			X =	Y =			
			X =	Y =			
<p><b>Paperwork Reduction Act of 1995 Statement:</b> The Paperwork Reduction Act of 1995 (44 U.S.C. Chapter 35) requires us to inform you that MMS collects this information as part of an applicant's Exploration Plan or Development Operations Coordination Document submitted for MMS approval. We use the information to facilitate our review and data entry for OCS plans. We will protect proprietary data according to the Freedom of Information Act and 30 CFR 250.196. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid Office of Management and Budget Control Number. The use of this form is voluntary. The public reporting burden for this form is included in the burden for preparing Exploration Plans and Development Operations Coordination Documents. We estimate that burden to average 580 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to the Information Collection Clearance Officer, Mail Stop 4230, Minerals Management Service, 1849 C Street, N.W., Washington, DC 20240.</p>							

# PUBLIC INFORMATION

Main Pass Blocks 280/281  
Supplemental DOCD

## Appendix B General Information

**(A) Contact:** The following person(s) should be contacted pertaining to questions and/or additional data requirements.

Kathy Gowland  
**Regulatory Specialist**  
Phone: 504/593-7152  
Fax: 504/593-7452  
E-mail: Kathy\_R\_Gowland@dom.com

Jim Dischinger  
**Project Geologist**  
Phone: 504/593-7890

**(B) Project Name:**

Development Operations Coordination Document (Supplemental)  
Main Pass Blocks 280/281, OCS-G-16515 & G-10109, respectively  
Locations: A-7, A-8 & A-9.

**(C) Production rates and life of reserves:**

**(D) New or Unusual Technology:** The proposed activities will be carried out and completed with the guarantee of the following items:

- 1) The most reliable and safest technologies will be utilized throughout the project. This includes meeting all applicable requirements for equipment types, general project layout, safety systems, and equipment and monitoring systems.
- 2) All operations will be covered by the Dominion Exploration & Production, Inc. Regional Oil Spill Response Plan (OSRP) which was updated February 27, 2003 and approved by MMS on May 22, 2003. Activities proposed under this Development Plan will be covered by the Regional OSRP. This OSRP is the guide, which Dominion would follow in case of an oil spill. This plan is available upon request.

# PUBLIC INFORMATION

Main Pass Blocks 280/281  
Supplemental DOCD

- 3) All applicable Federal, State and local permit requirements regarding air emissions, water quality and discharges for the proposed activities, as well as any other permit conditions, will be complied with.

- 4) **Statement:** No new or unusual technologies will be used in this project.

(E) **Bonding Information:** The Dominion Exploration & Production, Inc. operations outlined under this Development Operations Coordination Document are covered under our \$3,000,000 Area Wide Bond No. 76S63050327, provided in accordance with 30 CFR 256.61. Acknowledgment of receipt of the above issued by Minerals Management Service in letter dated June 20, 2000.

(F) **Onshore base and support vessels:**

1. The onshore support base for development activities at Main Pass Block 280/281 will be located at Fourchon, Louisiana, which is approximately 120 statute miles east of the shore base.
2. This facility consist of an office, dispatchers, dock facilities and services, which are manned 24 hours a day.
3. Helicopters, crew boats, supply boats and utility boats will be utilized to transport personnel and supplies to Main Pass Block 281 "A" Platform. It is anticipated, the following will utilized for transporting supplies and personnel.

PROPOSED TRAVEL MODES AND FREQUENCY:		
VESSEL	DRILLING/COMPLETION	PRODUCTION
Crew Boat	5 Trips/Week	1 Trip/Week
Supply Boat	5 Trips/Week	1 Trip/Week
Helicopter	4 Trips/Week	1 Trip/Week

- Crew boat – 1500 hp capacity
- Supply boat – 140' in size with 3000 hp capacity.
- Bell 206 D Helicopter

The route utilized by each mode of transportation, once in open waters for boats, will normally be a straight line from shore base in Fourchon to Main Pass Block 281.

# PUBLIC INFORMATION

Main Pass Blocks 280/281  
Supplemental DOCD

**(G) Lease Stipulations:** Lease OCS-G-10910, Main Pass Block 281 was awarded to Dominion E&P with an effective date of September 1, 1996. Lease Agreement carried the following stipulations:

- Lease Stipulation 1 – Protection of Archaeological Resources and provisions for the protection of Cultural Resources. GARDINE Surveys conducted a Marine High-Resolution Geophysical Survey at Main Pass Block 281 for Amoco Production Company in 1984. Walter Oil & Gas performed a Shallow Hazard Survey Analysis Based on the findings of this survey. This hazard survey has been reviewed and approved under CNG (Dominion E&P) Revised Exploration Plan for OCS-G-16515/G-10910, Main Pass Blocks 280/281, by letter dated April 29, 1997. High-Resolution geophysical data collected has been evaluated with regard to the presence of any geomorphological or remote sensing features, which would suggest some potential for the remains of historic and prehistoric cultural resources. Conclusions were, that the potential for either was minimal. The Hazard Survey data and the report conform to the guidelines established by the Minerals Management Service in their NTL 98-20.
- Lease Stipulation 2 – Live Bottoms. Prior to any drilling activities or the construction or placement of Platform A, Dominion E&P submitted live bottom report and a bathymetry map for the purpose of determining the presence or absence of live bottoms. There were no live bottom requirements by the MMS and surface location was approved for installation of Platform A.
- Lease Stipulation 4 – Military Area (EWTA 1 & 3). Notification to Air Force Development Test Center/XRI, Eglin AFB, Florida for monitoring and control of electromagnetic emissions. Origination and contacts for all boat and helicopter traffic within Military Warning Area is required.

**(H) Related OCS facilities and operations:** Development drilling and production will be conducted from the existing Dominion E&P Platform "A" located in Block 281, OCS-G-10910. The A Platform production/processing equipment and personnel are deemed adequate for this proposed development activity. Detailed records of safety equipment tests conducted by Dominion E&P operations personnel will be kept on the platform as required by the Minerals Management Service. During drilling, operations are continuously monitored to watch for possible kicks or blowouts and systems are in place to warn and protect personnel. During production, the facilities are protected by safety systems in several

# PUBLIC INFORMATION

Main Pass Blocks 280/281  
Supplemental DOCD

ways. Individual process units will shut down upon detection of an upset condition. In cases where upset process conditions present danger to the platform personnel and equipment, all inflow from the wells will be stopped automatically with a final act of closing the surface controlled subsurface safety valve (SCSSV), which is located in the production string.

**(I) Transportation information:** No new construction of pipelines or facilities will be required for this proposed new activity. Gas is transported by pipeline to Mobile, Alabama and the oil is transported by pipeline to Venice, Louisiana.

**(J) Platform Assessment:**

1. Was the structure installed within the last 5 years? If so, do your proposed activities require a structural modification that would increase loading on the structure beyond the original design?

**No, the structure was installed in 1998 and no structural modifications are required.**

2. Will the structure change from unmanned to manned?

**No, the structure is manned and will continue to be.**

3. Are you adding facilities to the structure which will result in 10% or greater change from original design parameters?

**No**

4. Will your proposed activities increase loading on structure resulting in 10% or greater change from original design parameters.

**No**

5. Is your deck height adequate according to API RP2A-WSD Section 17.2.4?

**Yes**

6. Has the structure undergone an annual topsides inspection? Was any damage discovered by this inspection?

**Yes, the topsides are inspected annually and no damage has been discovered.**

## PUBLIC INFORMATION

Main Pass Blocks 280/281  
Supplemental DOCD

7. Has the structure undergone an underwater inspection within the last 5 years? Was any damage discovered by this inspection?

The structure was constructed in 1998 and an underwater inspection was performed in 2003. No damage was discovered by this inspection. The next underwater inspection is scheduled for 2008.

Attachments to Appendix B: None.

# PUBLIC INFORMATION

## Appendix C Geological, Geophysical and H<sub>2</sub>S Information

### Geological and Geophysical Information

**(A) Structure Contour Maps:**

- Attachment

**(B) Interpreted 2- D and/or 3-D seismic lines:**

- Not Available

**(C) Geological structure cross-sections:**

- Attachment

**(D) Shallow hazards reports:**

- GARDINE Surveys performed a Marine High-Resolution Geophysical Survey of Main Pass Block 281 for Amoco Production in 1984. Walter Oil & Gas performed a Shallow Hazard Survey Analysis base on the findings of this survey. This Hazard Review has been approved under the Dominion E&P Revised Exploration Plan for OCS-G-16515/10910 leases, Main Pass Blocks 280/281 by letter dated April 29, 1997.

**(E) Shallow hazards assessment:**

- A Shallow Hazard Assessment of the surface location for A Platform was submitted under the Initial Development Operations Coordination Document. Supplemental Locations A-7, A-8 & A-9 will be drilled from this existing structure.

**(F) High-resolution seismic lines:**

- Not applicable

**(G) Stratigraphic Column:**

- Attachment

**(H) Time vs Depth Table:**

- Not applicable



# PUBLIC INFORMATION

Main Pass Blocks 280/281  
Supplemental DOCD

## Hydrogen Sulfide (H<sub>2</sub>S) Information

(A) **Classification:** Initial Development Operations Coordination Document (DOCD) approved by Minerals Management Service, was classified, in accordance with 30 CFR 250.67(c), as a zone where the absence of H<sub>2</sub>S has been confirmed.

### **Attachments to Appendix C:**

- Structure Contour Map (*Proprietary*)
- Geologic Cross-Section (*Proprietary*)
- Stratigraphic Column (*Proprietary*)

# PUBLIC INFORMATION

## Appendix D Biological Information

### Chemosynthetic Information

**Statement:** Because of water depths at Main Pass Blocks 280/281 (285'– 335'), the potential for the presence of chemosynthetic communities is virtually non-existence. Additionally, Dominion E&P plans to utilize a jack-up rig positioned adjacent to Platform A for drilling and completion operations.

### Topographic Features Information

**Statement:** There are no identified biologically sensitive features in the immediate vicinity of Main Pass Blocks 280/281 project area.

### Live Bottom (Pinnacle Trend) Information

**Statement:** There are no pinnacle trends or live bottoms within Main Pass Blocks 280/281 project area.

### Remotely Operated Vehicle (ROV) Surveys

Not required.

### Archaeological Information

Previously submitted.

**Attachments to Appendix D:** None

# PUBLIC INFORMATION

Main Pass Blocks 280/281  
Supplemental DOCD

## Appendix E Waste and Discharges Information

### Discharges during Drilling/Completion phase:

Attached are anticipated discharges during Dominion E&P drilling and completion of Well A-7, A-8 & A-9.

### Attachments to Appendix E:

- Waste and Discharges Information

APPENDIX E  
WASTES AND DISCHARGES INFORMATION  
LOCATION A-7

WELL NAME: MP 281 #A7;								
DRILLING RIG: BOB PALMER								
INTERVAL NO.	I	II	III	IV	V	VI	COMPLETION	TOTAL
BIT SIZE, IN.								
HOLE SIZE, IN.								
CASING SIZE, IN.								
DEPTH (MD), FT.								
INTERVAL LENGTH, FT.								
AVG % DRILL SOLIDS	3.5	3.5	4	4	4	4		
AVG SOLIDS REMOVAL EFF.	70	70	70	70	70	70		
CUTTINGS VOL., BBLs.	1192	1778	2036	1447	84	17		6554
MUD VOL., BBLs.	9859	14707	14659	10421	605	121		50372
MAX DISCHARGE RATE, BBL./HR. AVERAGE	681	508	268	185	120	52	50	
MAX DISCHARGE RATE, BBL./HR. MAXIMUM	1000	1000	1000	1000	1000	1000	1000	
DAYS	7	5	6	14	14	15	14	75
AVG PERSONNEL	50	50	50	50	50	50	50	
SANITARY WASTE, BBLs.	350	250	300	700	700	750	700	3750
DOMESTIC WASTE, BBLs./DAY	50	50	50	50	50	50	50	
DOMESTIC WASTE, TOTAL BBLs.	350	250	300	700	700	750	700	3750
FRESHWATER MAKER/COOLING WATER, GALS./	1440000	1440000	1440000	1440000	1440000	1440000	1440000	
FRESHWATER MAKER/COOLING WATER, TOTAL	10080000	7200000	8640000	20160000	20160000	21600000	20160000	87840000
DECK DRAINAGE, BBLs./DAY	50	50	50	50	50	50	50	
DECK DRAINAGE, TOTAL BBLs	350	250	300	700	700	750	700	3050
PRELOAD BALLAST, BBLs	30000	30000	0	0	0	0	0	60000
COMPLETION FLUID, BBLs./DAY	0	0	0	0	0	0	300	
COMPLETION FLUID, TOTAL BBLs.	0	0	0	0	0	0	4200	4200

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APPENDIX E  
WASTES AND DISCHARGES INFORMATION  
LOCATION A-8

WELL NAME:MP 281 #A8;								
DRILLING RIG: BOB PALMER								
INTERVAL NO.	I	II	III	IV	V	V1	COMPLETION	TOTAL
BIT SIZE, IN.								
HOLE SIZE, IN.								
CASING SIZE, IN.								
DEPTH (MD), FT.								
INTERVAL LENGTH, FT.								
AVG % DRILL SOLIDS	3.5	3.5	4	4	4	4		
AVG SOLIDS REMOVAL EFF.	70	70	70	70	70	70		
CUTTINGS VOL., BBLs.	1192	1508	1330	650	0	0		4680
MUD VOL., BBLs.	9859	12476	9579	4679	0	0		36593
MAX DISCHARGE RATE, BBL./HR. AVERAGE	681	431	185	89	0	0	50	
MAX DISCHARGE RATE, BBL./HR. MAXIMUM	1000	1000	1000	1000	0	0	1000	
DAYS	7	7	8	16	0	0	14	52
AVG PERSONNEL	50	50	50	50	0	0	50	
SANITARY WASTE, BBLs.	350	350	400	800	0	0	700	1900
DOMESTIC WASTE, BBLs./DAY	50	50	50	50	0	0	50	
DOMESTIC WASTE, TOTAL BBLs.	350	350	400	800	0	0	700	1900
FRESHWATER MAKER/COOLING WATER, GALS./	1440000	1440000	1440000	1440000	0	0	1440000	
FRESHWATER MAKER/COOLING WATER, TOTAL	10080000	10080000	11520000	23040000	0	0	20160000	54720000
DECK DRAINAGE, BBLs./DAY	50	50	50	50	0	0	50	
DECK DRAINAGE, TOTAL BBLs	350	350	400	800	0	0	700	1900
PRELOAD BALLAST, BBLs	30000	30000	0	0	0	0	0	60000
COMPLETION FLUID, BBLs./DAY	0	0	0	0	0	0	300	
COMPLETION FLUID, TOTAL BBLs.	0	0	0	0	0	0	4200	4200

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APPENDIX E  
WASTES AND DISCHARGES INFORMATION  
LOCATION A-9

WELL NAME: MP 281 #A9;								
DRILLING RIG: BOB PALMER								
INTERVAL NO.	I	II	III	IV	V	V1	COMPLETION	TOTAL
BIT SIZE, IN.								
HOLE SIZE, IN.								
CASING SIZE, IN.								
DEPTH (MD), FT.								
INTERVAL LENGTH, FT.								
AVG % DRILL SOLIDS	3.5	3.5	4	4	4	4		
AVG SOLIDS REMOVAL EFF.	70	70	70	70	70	70		
CUTTINGS VOL., BBLs.	1192	1508	1133	639	0	0		4472
MUD VOL., BBLs.	9859	12476	8160	4600	0	0		35094
MAX DISCHARGE RATE, BBL./HR. AVERAGE	681	431	185	89	0	0	50	
MAX DISCHARGE RATE, BBL./HR. MAXIMUM	1000	1000	1000	1000	0	0	1000	
DAYS	7	7	7	15	0	0	14	50
AVG PERSONNEL	50	50	50	50	0	0	50	
SANITARY WASTE, BBLs.	350	350	350	750	0	0	700	2500
DOMESTIC WASTE, BBLs./DAY	50	50	50	50	0	0	50	
DOMESTIC WASTE, TOTAL BBLs.	350	350	350	750	0	0	700	2500
FRESHWATER MAKER/COOLING WATER, GALS./	1440000	1440000	1440000	1440000	0	0	1440000	
FRESHWATER MAKER/COOLING WATER, TOTAL	10080000	10080000	10080000	21600000	0	0	20160000	72000000
DECK DRAINAGE, BBLs./DAY	50	50	50	50	0	0	50	
DECK DRAINAGE, TOTAL BBLs	350	350	350	750	0	0	700	1800
PRELOAD BALLAST, BBLs	30000	30000	0	0	0	0	0	60000
COMPLETION FLUID, BBLs./DAY	0	0	0	0	0	0	300	
COMPLETION FLUID, TOTAL BBLs.	0	0	0	0	0	0	4200	4200

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## PUBLIC INFORMATION

### Appendix F Oil Spill Response and Chemical Information

- A. **Statement:** Regional Oil Spill Response Plan. A site specific oil spill response plan is not required for this area.

Dominion Exploration & Production, Inc. Regional Oil Spill Response Plan (OSRP) was updated February 27, 2003 and approved by MMS on May 22, 2003. Activities proposed under this Development Plan will be covered by the Regional OSRP. This OSRP is the guide, which Dominion would follow in case of an oil spill. This plan is available upon request.

- B. **ORSO Information:** Should an oil spill occur while operating on OCS-G-10910 Lease, Main Pass Block 281, action will be initiated immediately by the Dominion E&P Spill Response Team and The Clean Gulf Associates. Clean Gulf Associates maintains facilities and equipment at Intracoastal City, Venice, Grand Isle and Cameron, Louisiana. Texas facilities are at Galveston, Port Aransas, and Texas City. A description of oil spill response equipment and materials is listed in the Clean Gulf Associates Manual, Volume I Section III.

- C. **Worst-case scenario comparison for Regional Oil Spill Response Plan.**

<u>Category</u>	<u>Regional OSRP</u>	<u>DOCD</u>
Type of Activity.....	Development/Mobile Rig	Development/Mobile Rig
Spill Location (area/block).....	Mississippi Canyon 773	Main Pass 281
Facility Designation.....	MC773 A Spar	MP281 A Platform
Distance to Nearest Shoreline...	57 miles	52 miles
Volume (BBLS/Day).....	60,000	20,000
Storage Tanks (total)		6
Flowlines (on facility)		
Lease Term Pipelines		
Uncontrolled Blowout (/day)		
Type of Oil.....	Crude	Crude
API Gravity.....	33°	40°

**Statement:** Since Dominion Exploration & Production, Inc. has the capability to respond to the worst-case spill scenario included in its regional OSRP approved on May 22, 2003, and since the worst-case scenario determined for our Developmental Plan does not replace the worst-case scenario in our regional OSRP, I hereby certify that Dominion

# PUBLIC INFORMATION

Main Pass Blocks 280/281  
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Exploration & Production, Inc. has the capability to respond, to the maximum extent practicable, to a worst-case discharge, or a substantial threat of such a discharge, resulting from the activities proposed in our Developmental Plan.

## A. Facility tanks, production vessels

Type of Storage Tank	Type of Facility	Tank Capacity (bbls)	Number of Tanks	Total Capacity (bbls)	Fluid Gravity (API)
Fuel Oil	Jackup	952	6	4,690	32.4

## B. Spill Response Sites

Primary Response Equipment Location	Preplanned Staging Location(s)
Clean Gulf Associates - Venice, Louisiana	Clean Gulf Associates - at Intracoastal City, Venice, Grand Isle and Cameron, Louisiana

## C. Diesel oil Supply Vessels

Size of Fuel Supply Vessel	Capacity of Fuel Supply Vessel	Frequency of Fuel Transfers	Route Fuel Supply Vessel Will Take
140'	25,000	bi-weekly	From the shorebase in Fourchon, LA to MP281 "A" Platform

## D. Support Vessels Fuel Tanks

Type of Vessel	Number in field simultaneously	Estimated maximum fuel tank storage capacity
140' Crew boat	1	25,000 bbls
220' Supply boat	1	100,000 bbls

## E. Produced Liquid Hydrocarbons Transportation Vessels

Liquid hydrocarbons are not planned to be transported to shore via vessels.

## F. Oil and Synthetic Based Drilling Fluids

Type of Drilling Fluid	Estimated Volume of Mud Used Per Well	Mud Disposal Method	Estimated Volume of Cuttings Generated per Well	Cuttings Disposal Method
N/A				

## G. Oils characteristics - Not applicable.



## PUBLIC INFORMATION

### H. Blowout Scenario

A full blowout scenario is outlined in Appendix H of our Gulf of Mexico Oil Spill Response Manual.

Should a blowout occur, in most cases, the formations represented in the Gulf of Mexico will bridge over. If the wellhead and BOP system is still functional, wellbore relief should be possible within 10 days. In a relief scenario, a rig will have to be contracted and the time to drill the relief well should take approximately 30 to 60 days depending on the depth required to traverse the original wellbore

### I. Spill Response Discussion

Our spill response will utilize Clean Gulf Associates' fast response equipment in the event of a spill. Our response times will be as stated in our Oil Spill Response Plan. Our worst case discharge will be BOPD (condensate) at 49°.

### J. Pollution prevention measures

Dominion's commitment to safety and the environment is to have no accidents, injuries, unsafe work practices, or unsafe conditions throughout our operations.

On-site personnel perform daily visual sheen observations and are instructed to identify and shut-off the source and make immediate notifications of the incident.

### K. KGBNMS Monitoring Plans – Not Applicable.

Attachments to Appendix F: None.

# PUBLIC INFORMATION

Main Pass Blocks 280/281  
Supplemental DOCD

## Appendix G Air Emissions Information

**Statement:** Air emission increases attributable to the drilling and completion of Well A-7, A-8 & A-9, will be temporary and for a short period. Emissions associated with the increase in total production, brought on by the addition of Well A-7, A-8 & A-9 has been factored into this Air Quality Report.

### **Attachments to Appendix G:**

- Air Quality Review Report

## DOCD AIR QUALITY SCREENING CHECKLIST

OMB Control No. 1010-0049

OMB Approval Expires: August 31, 2006

COMPANY	Dominion Exploration & Production, Inc.
AREA	Main Pass
BLOCK	281
LEASE	OCS-G-10910
PLATFORM	"A"
WELL	A-7, A-8, & A-9
COMPANY CONTACT	Joan Elterman
TELEPHONE NO.	504-593-7465
REMARKS	DOCD (S1) - maximum air emissions for a jack-up rig

PUBLIC INFORMATION

Yes	No	Air Quality Screening Questions
	X	Is any calculated Complex Total (CT) Emission amount (in tons) associated with your proposed exploration activities more than 90% of the amounts calculated using the following formulas: $CT=3400D^{2/3}$ for CO, and $CT=33.3D$ for the other air pollutants (where D=distance to shore in miles)?
	X	Do your emission calculations include any emission reduction measures or modified emission factors?
X		Does or will the facility complex associated with your proposed development and production activities process production from eight or more wells?
	X	Do you expect to encounter H <sub>2</sub> S at concentrations greater than 20 parts per million (ppm)?
	X	Do you propose to flare or vent natural gas in excess of the criteria set forth under 250.1105(a)(2) and (3)?
	X	Do you propose to burn produced hydrocarbon liquids?
	X	Are your proposed development and production activities located within 25 miles from shore?
X		Are our proposed development and production activities located within 200 kilometers of the Breton Wilderness Area?

LEASE TERM PIPELINE CONSTRUCTION INFORMATION:		
YEAR	NUMBER OF PIPELINES	TOTAL NUMBER OF CONSTRUCTION DAYS
2004		
2005		
2006		
2007		
2008		
2009		
2010		
2011		
2012		
2013		
2014		

# AIR EMISSION CUMPUTATION FACTORS

Fuel Usage Conversion Factors	Natural Gas Turbines		Natural Gas Engines		Diesel Recip. Engine		REF.	DATE
	SCF/hp-hr	9.524	SCF/hp-hr	7.143	GAL/hp-hr	0.0483	AP42 3.2-1	4/76 & 8/84

Equipment/Emission Factors	units	PM	SOx	NOx	VOC	CO	REF.	DATE
NG Turbines	gms/hp-hr		0.00247	1.3	0.01	0.83	AP42 3.2-1& 3.1-1	10/96
NG 2-cycle lean	gms/hp-hr		0.00185	10.9	0.43	1.5	AP42 3.2-1	10/96
NG 4-cycle lean	gms/hp-hr		0.00185	11.8	0.72	1.6	AP42 3.2-1	10/96
NG 4-cycle rich	gms/hp-hr		0.00185	10	0.14	8.6	AP42 3.2-1	10/96
Diesel Recip. < 600 hp.	gms/hp-hr	1	1.468	14	1.12	3.03	AP42 3.3-1	10/96
Diesel Recip. > 600 hp.	gms/hp-hr	0.32	1.468	11	0.33	2.4	AP42 3.4-1	10/96
Diesel Boiler	lbs/bbl	0.084	2.42	0.84	0.008	0.21	AP42 1.3-12,14	9/98
NG Heaters/Boilers/Burners	lbs/mmescf	7.6	0.593	100	5.5	84	AP42 1.4-1, 14-2, & 14	7/98
NG Flares	lbs/mmescf		0.593	71.4	60.3	388.5	AP42 11.5-1	9/91
Liquid Flaring	lbs/bbl	0.42	6.83	2	0.01	0.21	AP42 1.3-1 & 1.3-3	9/98
Tank Vapors	lbs/bbl				0.03		E&P Forum	1/93
Fugitives	lbs/hr/comp.				0.0005		API Study	12/93
Glycol Dehydrator Vent	lbs/mmescf				6.6		La. DEQ	1991
Gas Venting	lbs/scf				0.0034			

Sulfur Content Source	Value	Units
Fuel Gas	3.33	ppm
Diesel Fuel	0.4	% weight
Produced Gas( Flares)	3.33	ppm
Produced Oil (Liquid Flaring)	1	% weight

PUBLIC INFORMATION

# PUBLIC INFORMATION

## AIR EMISSION CALCULATIONS - FIRST YEAR

COMPANY	AREA	BLOCK	LEASE	PLATFORM	WELL	CONTACT	PHONE	REMARKS								
Dominion Exploration & P	Main Pass	231	OCS-G-10910	"A"	A-7, A-8, & A-9	Joan Elstman	504-593-7485	#REF1								
OPERATIONS	EQUIPMENT	RATING	MAX. FUEL	ACT. FUEL	RUN TIME		MAXIMUM POUNDS PER HOUR					ESTIMATED TONS				
	Diesel Engines	HP	GAL/HR	GAL/D												
	Nat. Gas Engines	HP	SCF/HR	SCF/D												
	Burners	MMBTU/HR	SCF/HR	SCF/D	HR/D	DAYS	PM	SOx	NOx	VOC	CO	PM	SOx	NOx	VOC	CO
Drilling	PRIME MOVER>600hp diesel	16,975	819.8925	19677.42	24	153	11.96	54.89	411.29	12.34	89.74	21.97	100.77	755.13	22.65	164.75
	PRIME MOVER>600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PRIME MOVER>600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PRIME MOVER>600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BURNER diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AUXILIARY EQUIP<600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(crew)	1500	72.45	1738.80	6	109	1.06	4.85	36.34	1.09	7.93	0.35	1.59	11.88	0.36	2.59
	VESSELS>600hp diesel(supply)	3000	144.9	3477.60	8	109	2.11	9.70	72.69	2.18	15.86	0.92	4.23	31.69	0.95	6.91
VESSELS>600hp diesel(tugs)	8400	405.72	9737.28	24	6	5.92	27.16	203.52	6.11	44.41	0.43	1.96	14.65	0.44	3.20	
PIPELINE INSTALLATION	PIPELINE LAY BARGE diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SUPPORT VESSEL diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PIPELINE BURY BARGE diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SUPPORT VESSEL diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(crew)	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(supply)	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FACILITY INSTALLATION	DERRICK BARGE diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MATERIAL TUG diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	JACKUP BARGE diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(crew)	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(supply)	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PRODUCTION	RECIP. <600hp diesel	252	12.1716	292.12	1	104	0.56	0.81	7.77	0.62	1.68	0.03	0.04	0.40	0.03	0.09
	RECIP. <600hp diesel	420	20.286	486.86	1	104	0.30	1.36	10.18	0.31	2.22	0.02	0.07	0.53	0.02	0.12
	Fire Pump-RECIP. <600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SUPPORT VESSEL diesel (crew)	1500	72.45	1738.80	6	52	1.06	4.85	36.34	1.09	7.93	0.16	0.76	5.67	0.17	1.24
	SUPPORT VESSEL diesel (supply)	3000	144.9	3477.60	8	52	2.11	9.70	72.69	2.18	15.86	0.44	2.02	15.12	0.45	3.30
	Crane-RECIP<600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TURBINE nat gas	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	RECIP. 2 cycle lean nat gas	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	RECIP. 4 cycle lean nat gas	1665	11893.095	285434.28	24	365	0.01	43.28	2.64	5.87	0.03	189.55	11.57	25.70	0.00	0.00
	RECIP. 4 cycle rich nat gas	1108	7914.444	189946.66	24	365	0.00	24.41	0.34	20.99	0.02	106.90	1.50	91.93	0.00	0.00
	RECIP. 4 cycle rich nat gas(w/cat.)	830	5928.69	142288.56	24	365	0.00	18.28	0.26	15.72	0.01	80.07	1.12	68.86	0.00	0.00
	BURNER nat gas	3	2857.14	68571.43	24	365	0.02	0.00	0.29	0.02	0.24	0.10	0.01	1.25	0.07	1.05
	BURNER nat gas	1.5	1428.57	34285.71	24	365	0.01	0.00	0.14	0.01	0.12	0.05	0.00	0.63	0.03	0.53
	MISC.	BPD	SCF/HR	COUNT												
	TANK- FLARE- PROCESS VENT- FUGITIVES- GLYCOL STILL VENT-	0	0		0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
			0		0	0										
				2000.0		365				1.00				4.38		
			5137500		24	365				33.91				148.51		
DRILLING	OIL BURN	0			0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WELL TEST	GAS FLARE		0		0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
2004 YEAR TOTAL							25.11	113.34	937.21	64.08	228.56	24.45	111.51	1213.47	192.25	370.27
EXEMPTION CALCULATION	DISTANCE FROM LAND IN MILES															
	52.0															

## AIR EMISSIONS CALCULATIONS - SECOND YEAR

PUBLIC INFORMATION

COMPANY	AREA	BLOCK	LEASE	PLATFORM	WELL	CONTACT	PHONE	REMARKS								
Dominion Exploration & Production	Main Pass	281	OCS-G-10910	"A"	A-7, A-8, & A-9	Joan Elerman	504-593-7465	#REF!								
OPERATIONS	EQUIPMENT	RATING	MAX. FUEL	ACT. FUEL	RUN TIME		MAXIMUM POUNDS PER HOUR					ESTIMATED TONS				
	Diesel Engines	HP	GAL/HR	GAL/D												
	Nat. Gas Engines	HP	SCF/HR	SCF/D												
	Burners	MMBTU/HR	SCF/HR	SCF/D	HR/D	DAYS	PM	SOx	NOx	VOC	CO	PM	SOx	NOx	VOC	CO
DRILLING	PRIME MOVER>600hp diesel	16,975	819.8925	19677.42	24	24	11.96	54.89	411.29	12.34	89.74	3.45	15.81	118.45	3.55	25.84
	PRIME MOVER>600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PRIME MOVER>600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PRIME MOVER>600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BURNER diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AUXILIARY EQUIP<600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(crew)	1500	72.45	1738.80	6	17	1.06	4.85	36.34	1.09	7.93	0.05	0.25	1.85	0.06	0.40
	VESSELS>600hp diesel(supply)	3000	144.9	3477.60	8	17	2.11	9.70	72.69	2.18	15.86	0.14	0.66	4.94	0.15	1.08
	VESSELS>600hp diesel(tugs)	8400	405.72	9737.28	24	4	5.92	27.16	203.52	6.11	44.41	0.28	1.30	9.77	0.29	2.13
PIPELINE INSTALLATION	PIPELINE LAY BARGE diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SUPPORT VESSEL diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PIPELINE BURY BARGE diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SUPPORT VESSEL diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(crew)	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(supply)	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FACILITY INSTALLATION	DERRICK BARGE diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MATERIAL TUG diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	JACKUP BARGE diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(crew)	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(supply)	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PRODUCTION	RECIP.<600hp diesel	252	12.1716	292.12	1	104	0.56	0.81	7.77	0.62	1.68	0.03	0.04	0.40	0.03	0.09
	RECIP.<600hp diesel	420	20.286	486.86	1	104	0.30	1.36	10.18	0.31	2.22	0.02	0.07	0.53	0.02	0.12
	Fire Pump-RECIP.<600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SUPPORT VESSEL diesel (crew)	1500	72.45	1738.80	6	52	1.06	4.85	36.34	1.09	7.93	0.16	0.76	5.67	0.17	1.24
	SUPPORT VESSEL diesel (supply)	3000	144.9	3477.60	8	52	2.11	9.70	72.69	2.18	15.86	0.44	2.02	15.12	0.45	3.30
	Crane-RECIP<600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TURBINE nat gas	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	RECIP 2 cycle lean nat gas	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	RECIP 4 cycle lean nat gas	1665	11893.095	285434.28	24	365	0.01	43.28	2.64	5.87	0.03	189.55	11.57	25.70	0.00	0.00
	RECIP 4 cycle lean nat gas	1108	7914.444	189946.66	24	365	0.00	28.80	1.76	3.90	0.02	126.14	7.70	17.10	0.00	0.00
	RECIP 4 cycle rich nat gas (w/cat)	830	5928.69	142288.56	24	365	0.00	18.28	0.26	15.72	0.01	80.07	1.12	68.86	0.00	0.00
	BURNER nat gas	3	2857.14	68571.43	24	365	0.02	0.00	0.29	0.02	0.24	0.10	0.01	1.25	0.07	1.05
	BURNER nat gas	1.5	1428.57	34285.71	24	365	0.01	0.00	0.14	0.01	0.12	0.05	0.00	0.63	0.03	0.53
	MISC.	BPD	SCF/HR	COUNT												
	TANK-FLARE-	0	0	0	0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	PROCESS VENT-		0	0	0	0				0.00	0.00				0.00	0.00
	FUGITIVES-			2000.0	0	365				1.00				4.38		
	GLYCOL STILL VENT-		5137500		24	365				33.91				148.51		
DRILLING WELL TEST	OIL BURN	0			0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GAS FLARE		0		0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
2005 YEAR TOTAL							25.11	113.34	941.61	65.50	211.48	4.72	20.98	554.37	178.10	147.44
EXEMPTION CALCULATION	DISTANCE FROM LAND IN MILES											1731.60	1731.60	1731.60	1731.60	47367.57
	52.0															

BEST AVAILABLE COPY

AIR EMISSIONS CALCULATIONS - THIRD YEAR

PUBLIC INFORMATION

COMPANY	AREA	BLOCK	LEASE	PLATFORM	WELL	CONTACT	PHONE	REMARKS								
Dominion Exploration & F	Main Pass	281	OCS-G-10910	"A"	A-7, A-8, & A-9	Joan Ehterman	504-593-7483	#REF!								
OPERATIONS	EQUIPMENT	RATING	MAX. FUEL	ACT. FUEL	RUN TIME		MAXIMUM POUNDS PER HOUR					ESTIMATED TONS				
	Diesel Engines	HP	GAL/HR	GAL/D												
	Ref. Gas Engines	HP	SCF/HR	SCF/D												
	Burners	MMBTU/HR	SCF/HR	SCF/D	HR/D	DAYS	PM	SOx	NOx	VOC	CO	PM	SOx	NOx	VOC	CO
DRILLING	PRIME MOVER>600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PRIME MOVER>600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PRIME MOVER>600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PRIME MOVER>600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BURNER diesel	0			0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AUXILIARY EQUIP<600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(crew)	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(supply)	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(tugs)	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PIPELINE INSTALLATION	PIPELINE LAY BARGE diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SUPPORT VESSEL diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PIPELINE BURY BARGE diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SUPPORT VESSEL diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(crew)	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(supply)	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FACILITY INSTALLATION	DERRICK BARGE diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MATERIAL TUG diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(crew)	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(supply)	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PRODUCTION	RECIP.<600hp diesel	252	12.1716	292.12	1	104	0.56	0.81	7.77	0.62	1.68	0.03	0.04	0.40	0.03	0.09
	RECIP.<600hp diesel	420	20.286	486.86	1	104	0.30	1.36	10.18	0.31	2.22	0.02	0.07	0.53	0.02	0.12
	Fire Pump-RECIP. <600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SUPPORT VESSEL diesel (crew)	1500	72.45	1738.80	6	52	1.06	4.85	36.34	1.09	7.93	0.16	0.76	5.67	0.17	1.24
	SUPPORT VESSEL diesel (supply)	3000	144.9	3477.60	8	52	2.11	9.70	72.69	2.18	15.86	0.44	2.02	15.12	0.45	3.30
	Crane-RECIP<600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TURBINE nat gas	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	RECIP. 2 cycle lean nat gas	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	RECIP. 4 cycle lean nat gas	1685	11893.095	285434.28	24	365	0.01	43.28	2.84	5.87	0.03	189.55	11.57	25.70	0.00	0.00
	RECIP. 4 cycle lean nat gas	1108	7914.444	189946.66	24	365	0.00	28.80	1.78	3.90	0.02	126.14	7.70	17.10	0.00	0.00
	RECIP. 4 cycle rich nat gas (w/cat)	830	5928.69	142288.56	24	365	0.00	18.28	0.26	15.72	0.01	80.07	1.12	68.86	0.00	0.00
	BURNER nat gas	3	2857.14	68571.43	24	365	0.02	0.00	0.29	0.02	0.24	0.10	0.01	1.25	0.07	1.05
	BURNER nat gas	1.5	1428.57	34285.71	24	365	0.01	0.00	0.14	0.01	0.12	0.05	0.00	0.63	0.03	0.53
	MISC.	BPD	SCF/HR	COUNT												
	TANK- FLARE- PROCESS VENT- FUGITIVES- GLYCOL STILL VENT-	0	0		0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
			0		0	0										
				2000.0		365				1.00					4.38	
		5137500		24	365				33.91				148.51			
DRILLING WELL TEST	OIL BURN	0			0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GAS FLARE		0		0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
2006 YEAR TOTAL							4.06	16.74	217.76	43.78	53.55	0.79	2.96	419.36	174.05	117.98
EXEMPTION CALCULATION	DISTANCE FROM LAND IN MILES											1731.60	1731.60	1731.60	1731.60	47367.57
	52.0															

## AIR EMISSIONS CALCULATIONS - FOURTH YEAR

## PUBLIC INFORMATION

COMPANY	AREA	BLOCK	LEASE	PLATFORM	WELL	CONTACT	PHONE	REMARKS								
Dominion Exploration & Production	Main Pass	281	OCS-G-10910	"A"	A-7, A-8, & A-9	Joan Elberman	504-593-7485	#REF!								
OPERATIONS	EQUIPMENT	RATING	MAX. FUEL	ACT. FUEL	RUN TIME		MAXIMUM POUNDS PER HOUR					ESTIMATED TONS				
	Diesel Engines	HP	GAL/HR	GAL/D												
	Nat. Gas Engines	HP	SCF/HR	SCF/D												
	Burners	MMBTU/HR	SCF/HR	SCF/D	HR/D	DAYS	PM	SOx	NOx	VOC	CO	PM	SOx	NOx	VOC	CO
DRILLING	PRIME MOVER>600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PRIME MOVER>600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PRIME MOVER>600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PRIME MOVER>600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BURNER diesel	0			0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AUXILIARY EQUIP<600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(crew)	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(supply)	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(tugs)	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PIPELINE INSTALLATION	PIPELINE LAY BARGE diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SUPPORT VESSEL diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PIPELINE BURY BARGE diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SUPPORT VESSEL diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(crew)	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(supply)	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FACILITY INSTALLATION	DERRICK BARGE diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MATERIAL TUG diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(crew)	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(supply)	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PRODUCTION	RECIP.<600hp diesel	252	12.1716	292.12	1	104	0.56	0.81	7.77	0.62	1.68	0.03	0.04	0.40	0.03	0.09
	RECIP.<600hp diesel	420	20.286	488.86	1	104	0.30	1.36	10.18	0.31	2.22	0.02	0.07	0.53	0.02	0.12
	Fire Pump-RECIP. <600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SUPPORT VESSEL diesel (crew)	1500	72.45	1738.80	6	52	1.06	4.85	36.34	1.09	7.93	0.16	0.76	5.67	0.17	1.24
	SUPPORT VESSEL diesel (supply)	3000	144.9	3477.60	8	52	2.11	9.70	72.69	2.18	15.86	0.44	2.02	15.12	0.45	3.30
	Crane-RECIP<600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TURBINE nat gas	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	RECIP 2 cycle lean nat gas	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	RECIP 4 cycle lean nat gas	1865	11893.095	285434.28	24	365	0.01	43.28	2.64	5.87	0.03	189.55	11.57	25.70	0.00	0.00
	RECIP 4 cycle lean nat gas	1108	7914.444	189946.66	24	365	0.00	28.80	1.76	3.90	0.02	126.14	7.70	17.10	0.00	0.00
	RECIP 4 cycle rich nat gas (w/cat)	830	5928.69	142288.56	24	365	0.00	18.28	0.26	15.72	0.01	80.07	1.12	68.86	0.00	0.00
	BURNER nat gas	3	2857.14	68571.43	24	365	0.02	0.00	0.29	0.02	0.24	0.10	0.01	1.25	0.07	1.05
	BURNER nat gas	1.5	1428.57	34285.71	24	365	0.01	0.00	0.14	0.01	0.12	0.05	0.00	0.63	0.03	0.53
	MISC.	BPD	SCF/HR	COUNT												
	TANK- FLARE- PROCESS VENT- FUGITIVES- GLYCOL STILL VENT-	0	0		0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
			0		0	0										
			5137500	2000.0	24	365				33.91				4.38	148.51	
DRILLING WELL TEST	OIL BURN	0			0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GAS FLARE		0		0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
2007 YEAR TOTAL							4.06	16.74	217.76	43.78	53.55	0.79	2.96	419.36	174.05	117.98
EXEMPTION CALCULATION	DISTANCE FROM LAND IN MILES											1731.60	1731.60	1731.60	1731.60	47367.57
	52.0															



## AIR EMISSIONS CALCULATIONS - FIFTH YEAR

## PUBLIC INFORMATION

COMPANY	AREA	BLOCK	LEASE	PLATFORM	WELL	CONTACT	PHONE	REMARKS								
Dominion Exploration & P	Main Pass	281	OCS-G-10910	"A"	A-7, A-8, & A-9	Joan Etteman	504-563-7485	#REF!								
OPERATIONS	EQUIPMENT	RATING	MAX. FUEL	ACT. FUEL	RUN TIME		MAXIMUM POUNDS PER HOUR					ESTIMATED TONS				
	Diesel Engines	HP	GAL/HR	GAL/D												
	Nat. Gas Engines	HP	SCF/HR	SCF/D												
	Burners	MMBTU/HR	SCF/HR	SCF/D	HR/D	DAYS	PM	SOx	NOx	VOC	CO	PM	SOx	NOx	VOC	CO
DRILLING	PRIME MOVER>600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PRIME MOVER>600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PRIME MOVER>600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PRIME MOVER>600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BURNER diesel	0			0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AUXILIARY EQUIP<600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(crew)	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(supply)	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(tugs)	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PIPELINE INSTALLATION	PIPELINE LAY BARGE diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SUPPORT VESSEL diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PIPELINE BURY BARGE diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SUPPORT VESSEL diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(crew)	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(supply)	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FACILITY INSTALLATION	DERRICK BARGE diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MATERIAL TUG diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(crew)	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(supply)	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PRODUCTION	RECIP.<600hp diesel	252	12.1716	292.12	1	104	0.56	0.81	7.77	0.62	1.66	0.03	0.04	0.40	0.03	0.09
	RECIP.<600hp diesel	420	20.286	486.86	1	104	0.30	1.36	10.18	0.31	2.22	0.02	0.07	0.53	0.02	0.12
	Fire Pump-RECIP. <600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SUPPORT VESSEL diesel (crew)	1500	72.45	1738.80	6	52	1.06	4.85	38.34	1.09	7.93	0.16	0.76	5.67	0.17	1.24
	SUPPORT VESSEL diesel (supply)	3000	144.9	3477.60	8	52	2.11	9.70	72.69	2.18	15.86	0.44	2.02	15.12	0.45	3.30
	Crane-RECIP<600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TURBINE nat gas	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	RECIP 2 cycle lean nat gas	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	RECIP 4 cycle lean nat gas	1665	11893.095	285434.28	24	365	0.01	43.28	2.64	5.87	0.03	189.55	11.57	25.70	0.00	0.00
	RECIP 4 cycle lean nat gas	1108	7914.444	189946.66	24	365	0.00	28.80	1.76	3.90	0.02	126.14	7.70	17.10	0.00	0.00
	RECIP 4 cycle rich nat gas (w/cat)	830	5928.69	142288.56	24	365	0.00	18.28	0.26	15.72	0.01	80.07	1.12	68.86	0.00	0.00
	BURNER nat gas	3	2857.14	68571.43	24	365	0.02	0.00	0.29	0.02	0.24	0.10	0.01	1.25	0.07	1.05
	BURNER nat gas	1.5	1428.57	34285.71	24	365	0.01	0.00	0.14	0.01	0.12	0.05	0.00	0.63	0.03	0.53
	MISC.	BPD	SCF/HR	COUNT												
	TANK- FLARE- PROCESS VENT- FUGITIVES- GLYCOL STILL VENT-	0	0		0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
			0		0	0				0.00					0.00	
				5137500	2000.0	24	365				1.00				4.38	
										33.91				148.51		
DRILLING WELL TEST	OIL BURN	0			0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GAS FLARE		0		0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
2008 YEAR TOTAL							4.06	16.74	217.76	43.78	53.55	0.79	2.96	419.36	174.05	117.98
EXEMPTION CALCULATION	DISTANCE FROM LAND IN MILES											1731.60	1731.60	1731.60	1731.60	47367.57
	52.0															

# AIR EMISSION CALCULATIONS

OMB Control No. 1010-0049  
OMB Approval Expires: August 31, 2006

COMPANY	AREA	BLOCK	LEASE	PLATFORM	WELL
Dominion Explor	Main Pass	281	OCS-G-10910	"A"	A-7, A-8, & A-9
Year	Emitted Substance				
	PM	SOx	NOx	VOC	CO
2004	24.45	111.51	1213.47	192.25	370.27
2005	4.72	20.98	554.37	178.10	147.44
2006	0.79	2.96	419.36	174.05	117.98
2007	0.79	2.96	419.36	174.05	117.98
2008	0.79	2.96	419.36	174.05	117.98
2009	0.79	2.96	419.36	174.05	117.98
2010	0.79	2.96	419.36	174.05	117.98
2011	0.79	2.96	419.36	174.05	117.98
2012	0.79	2.96	419.36	174.05	117.98
2013	0.79	2.96	419.36	174.05	117.98
Allowable	1731.60	1731.60	1731.60	1731.60	47367.57

PUBLIC INFORMATION

## PUBLIC INFORMATION

### Appendix H Environmental Information

**Statement:** Supplemental Development Operations Coordination Document (DOCD) does not require an Environmental Report. An Environmental Report was submitted with the Initial Development Operations Coordination Document for Main Pass Blocks 280/281. Planned activities at Main Pass Blocks 280/281 are similar to those proposed under the Initial Development Operations Coordination Document. The onshore and offshore environment should not be adversely impacted in any way.

**Attachments to Appendix H:** None

BEST AVAILABLE COPY

## PUBLIC INFORMATION

### Appendix I Coastal Zone Management Consistency Certification Format

Louisiana Coastal Zone Management Consistency Certification is not required for a Supplemental Development Operations Coordination Document. Planned supplemental activities at Main Pass Blocks 280/281 are similar to those proposed under the Initial Development Operations Coordination Document and will comply with affected States approved Coastal Management Program and will be conducted in a manner consistent with such Programs.

Alabama Department of Environmental Management Consistency Certification is required for a Supplemental Development Operations Coordination Document. A copy of this plan and Dominion's check in the amount of \$2,000.00 will be forwarded to the Alabama DEM for their review and processing.

# PUBLIC INFORMATION

## COASTAL ZONE MANAGEMENT PROGRAM CONSISTENCY CERTIFICATION

### EXPLORATION PLAN

### MAIN PASS BLOCK 281

**OCS-G-10910**

The proposed activities described in detail in this Supplemental Development Operation Coordination Document comply with Alabama's approved Coastal Management Program and will be conducted in a manner consistent with such Program.

DOMINION EXPLORATION & PRODUCTION, INC.

Operator



James J. Abercrombie

Vice President Gulf of Mexico Production  
Certifying Official

June 30, 2004

Date

# PUBLIC INFORMATION

## STATE OF ALABAMA

### COASTAL ZONE CONSISTENCY POLICIES

#### Coastal Resource Use Policies

##### 1. Coastal Development

The proposed developmental operations are located approximately 65 miles from the nearest Alabama shoreline, in OCS Federal Waters in the Gulf of Mexico and 120 miles east of the existing shorebase in Fourchon, Louisiana.

Since the proposed project is developmental, in combination with our shorebase location in Fourchon, Louisiana, Dominion Exploration & Production, Inc. does not believe our operations will impact or need to pursue coastal development activities in Alabama at this time.

##### 2. Mineral Resource Exploration and Extraction

Dominion Exploration & Production, Inc. does not propose to extract solid minerals from the State of Alabama as a part of this proposed plan. This plan proposes the development of oil and gas hydrocarbons in OCS Federal Waters, Gulf of Mexico. The Alabama shoreline will be approximately 65 miles north of our proposed exploratory operations.

##### 3. Commercial Fishing

The activities proposed in this plan are located approximately 65 miles south of Alabama's shoreline. There is no associated dredging and/or spoil deposition proposed in this plan. While actively discharging overboard, water quality in the area of the discharge locations may temporarily be affected. It is expected that water quality will return to pre-exploration activity levels once operations cease. These discharges should not adversely impact the water column biota, including fish larva, since it contains low toxicity levels and is dispersed rapidly.

While overboard discharges (drilling fluid and cuttings) could possibly bury or smother some benthic organisms, monitoring programs and modeling studies indicate that this effect would be contained to an area of a few hectares around each well location. These impacts are temporary and recovery is expected over a period of months to years.

Other allowable overboard discharges include sanitary and domestic waste, deck drainage from the drilling rig, uncontaminated seawater for cooling machinery, and desalination brine. Localized short-term impacts are expected in the general area of these discharges. In the event of a oil or diesel spill Dominion Exploration & Production, Inc. will respond as planned in their Regional and Subregional Oil Spill Response Plan and will address any potential impact to Alabama's coastal waters or shoreline. The drilling rig is equipped with equipment and technology to prevent well control or blowout situations from adversely impacting the environment.

Dominion Exploration & Production, Inc.'s development activities proposed in this plan are consistent with the state's enforceable policies for the protection and preservation of the coastal areas and marine life.

##### 4. Hazard Management

The development activities proposed in Main Pass Block 281 should not cause impact to Alabama's coastal area or interfere with Alabama's measures to protect this area from natural hazards. Since the proposed operations are short-term, Dominion Exploration & Production, Inc. does not see a need to develop any coastal or onshore Alabama sites which could impact their hazard management measures.

Dominion Exploration & Production, Inc. conducts drilling and production operations to conform to industry standards. By using industry standards, a spill event or blowout is likely to be avoided thus causing the environment no adverse effects. Should a spill or blowout occur Dominion Exploration & Production, Inc. would respond as quickly as possibly following the plan prescribed in their Regional and Subregional Oil Spill Response Plan.

## 5. Shoreline Erosion

Dominion Exploration & Production, Inc. has proposed their onshore base in Fourchon, Louisiana and does not propose any construction or development, dredging or filling activities in Alabama coast waters or land. Travel routes to the shore base from Main Pass Block 281 will be in a straight line to Fourchon and will avoid any recreational trail systems as established by the State of Alabama. Dominion Exploration & Production, Inc. believes these proposed activities are consistent with the enforceable policies of the State of Alabama.

## 6. Recreation

Dominion Exploration & Production, Inc. has proposed their onshore base in Fourchon, Louisiana and does not propose any construction or development, dredging or filling activities in Alabama coast waters or land. Travel routes to the shore base from Main Pass Block 281 will be in a straight line to Fourchon and will avoid any recreational systems as established by the State of Alabama. Dominion Exploration & Production, Inc. believes these proposed activities are consistent with the enforceable policies of the State of Alabama and do not see the need for new use of Alabama lands or water and no new vehicle traffic on land.

Dominion Exploration & Production, Inc. conducts drilling and production operations to conform to industry standards. By using industry standards, a spill event or blowout is likely to be avoided thus causing the environment no adverse effects. Should a spill or blowout occur Dominion Exploration & Production, Inc. would respond as quickly as possibly following the plan prescribed in their Regional and Subregional Oil Spill Response Plan.

The manner in which Dominion Exploration & Production, Inc. operates and would respond to spill as outlined in their Regional and Subregional Oil Spill response plans are considered consistent with Alabama's enforceable policies to protect and maintain Alabama's land and water areas for outdoor recreation, conservation and wildlife preservation.

## 7. Transportation

Since the proposed project is short-term, in combination with our shorebase location in Fourchon, Louisiana, Dominion Exploration & Production, Inc. does not believe our operations will adversely impact the transportation system for the State of Alabama.

## Natural Resources Protection Policy

### 1. Biological Productivity

The activities proposed in this plan are located approximately 65 miles south of Alabama's shoreline. Dominion Exploration & Production, Inc. shorebase will be located 120 miles west of Main Pass Block 281 in Fourchon, Louisiana. The operations proposed in this plan are short-term, and Dominion Exploration & Production, Inc. doesn't foresee any adverse impacts to the biological productivity of the coastal area and/or coastal resources.

## 2. Water Quality

Dominion Exploration & Production, Inc. has proposed their onshore base in Fourchon, Louisiana and does not propose any construction or development, dredging or filling activities in Alabama coast waters or land. There should be no adverse impacts to Alabama's water resources. While actively discharging overboard, water quality in the area of the discharge locations may temporarily be affected. It is expected that water quality will return to pre-exploration activity levels once operations cease. The should in no way impact Alabama's shoreline or water resources especially since the discharge effects will be localized to the individual well areas. Dominion Exploration & Production, Inc. believes these proposed activities are consistent with the enforceable policies of the State of Alabama.

Dominion Exploration & Production, Inc. conducts drilling and production operations to conform to industry standards. By using industry standards, a spill event or blowout is likely to be avoided thus causing the environment no adverse effects. Should a spill or blowout occur Dominion Exploration & Production, Inc. would respond as quickly as possibly following the plan prescribed in their Regional and Subregional Oil Spill Response Plan.

The manner in which Dominion Exploration & Production, Inc. operates and would respond to a spill as outlined in their Regional and Subregional Oil Spill response plans are considered consistent with Alabama's enforceable policies to protect and conserve Alabama's surface and ground water.

Waste from the proposed exploratory project that is to be discharged overboard, such as drilling fluids and cuttings, must first be tested for toxicity limitations per EPA's NPDES General Permit GMG280000. Other dischargeable waste such as ground food will first be run through a 25-millimeter mesh screen before being discharged overboard per U. S. Coast Guard's Marine Pollution Research and Control Act (MARPOL). Other solid waste will be manifested and sent to an approved onshore disposal site within the State of Louisiana via an offshore support vessel. These solid wastes will be disposed of per the State of Louisiana's Department of Environmental Quality's regulations.

## 3. Water Resources

The proposed exploratory operations are located approximately 65 miles from the nearest Alabama shoreline, in OCS Federal Waters in the Gulf of Mexico and 120 miles east of the existing shorebase in Fourchon, Louisiana. The operations proposed in this plan are exploratory and short-term, and Dominion Exploration & Production, Inc. doesn't foresee any adverse impacts from runoff that would impact Alabama's coastal waters.

## 4. Air Quality

Calculations for the air emissions for the proposed exploratory project was made using a matrix and formula prepared by the Minerals Management Service who has authorization from the Environmental Protection Agency for governing these emissions. This project will be below the exemption levels for Carbon Monoxide, Particulate Matter, Sulphur Oxides, Nitrogen Oxides and Volatile Organic Compounds.

## 5. Wetlands and Submerged Grassbeds

The proposed exploratory operations are located approximately 65 miles from the nearest Alabama shoreline, in OCS Federal Waters in the Gulf of Mexico and 120 miles east of the existing shorebase in Fourchon, Louisiana. The operations proposed in this plan are exploratory and short-term, and Dominion Exploration & Production, Inc. doesn't foresee any adverse impacts to wetlands and submerged grassbed's.



6. Beach Dune Protection

Dominion Exploration & Production, Inc. has proposed their onshore base in Fourchon, Louisiana and does not propose any construction or development, dredging or filling activities in Alabama coast waters or land. Travel routes to the shore base from De Soto Canyon 618 will be in a straight line to Fourchon at least 120 miles from the Alabama shoreline. Dominion Exploration & Production, Inc. believes these proposed activities will not impact the Alabama coastal areas.

Dominion Exploration & Production, Inc. conducts drilling and production operations to conform to industry standards. By using industry standards, a spill event or blowout is likely to be avoided thus causing the environment no adverse effects. Should a spill or blowout occur Dominion Exploration & Production, Inc. would respond as quickly as possible following the plan prescribed in their Regional and Subregional Oil Spill Response Plan.

The manner in which Dominion Exploration & Production, Inc. operates and would respond to spill as outlined in their Regional and Subregional Oil Spill response plans are considered consistent with Alabama's enforceable policies to protect and conserve Alabama's beach and shore.

7. Wildlife Habitat Protection

Dominion Exploration & Production, Inc. has proposed their onshore base in Fourchon, Louisiana and does not foresee any adverse impact to Alabama's wildlife habitats since we will not traverse upon Alabama's land or coastal waters. Travel routes to the shore base from De Soto Canyon 618 will be in a straight line to Fourchon at least 120 miles from the Alabama shoreline. Since the proposed project is exploratory and short-term, and discharges will be contained to the surface location of the well areas it should not impact Alabama's lands, coastal waters or wildlife. Waste from the proposed exploratory project that is to be discharged overboard, such as drilling fluids and cuttings, must first be tested for toxicity limitations per EPA's NPDES General Permit GMG280000. Other dischargeable waste such as ground food will first be run through a 25-millimeter mesh screen before being discharged overboard per U. S. Coast Guard's Marine Pollution Research and Control Act (MARPOL). Other solid waste will be manifested and sent to an approved onshore disposal site within the State of Louisiana via an offshore support vessel. These solid wastes will be disposed of per the State of Louisiana's Department of Environmental Quality's regulations.

The manner in which Dominion Exploration & Production, Inc. operates and would respond to a spill as outlined in their Regional and Subregional Oil Spill response plans are considered consistent with Alabama's enforceable policies to protect and conserve Alabama's beach and shore.

8. Endangered Species

The proposed activities in this plan are exploratory and short-term and located approximately 65 miles from the Alabama shoreline. Dominion Exploration & Production, Inc. does not expect their proposed operations to affect any endangered species.

9. Cultural Resources Protection

Per Minerals Management Service's Notice to Lessees 2002-G01 De Soto Canyon 618 is in a low probability area for cultural resources and does not require an archeological report, therefore, we do not expect any adverse impact as a result of our exploratory operations.

# PUBLIC INFORMATION

U.S. Department of the Interior  
Minerals Management Service

OMB Control Number: 1010-0049  
OMB Approval Expires: August 31, 2006

## OCS PLAN INFORMATION FORM

General Information									
Type of OCS Plan:		Exploration Plan (EP)			<input checked="" type="checkbox"/> Development Operations Coordination Document (DOCD)				
Company Name: Dominion Exploration & Production, Inc.				MMS Operator Number: 00282					
Address: 1450 Poydras Street				Contact Person: KATHY GOWLAND					
New Orleans, Louisiana 70112-6000				Phone Number: 504-593-7152					
				E-Mail Address: Kathy_R_Gowland@dom.com					
Lease(s): OCS-G-16515/10910		Area: MP		Block(s): 280/281		Project Name (If Applicable):			
Objective(s): <input checked="" type="checkbox"/> Oil		<input type="checkbox"/> Gas		<input type="checkbox"/> Sulphur		<input type="checkbox"/> Salt		Onshore Base: FOURCHON Distance to Closest Land (Miles): 52	
Description of Proposed Activities (Mark all that apply)									
Exploration drilling				<input checked="" type="checkbox"/> Development drilling					
Well completion				Installation of production platform					
Well test flaring (for more than 48 hours)				Installation of production facilities					
Installation of caisson or platform as well protection structure				Installation of satellite structure					
Installation of subsea wellheads and/or manifolds				Commence production					
Installation of lease term pipelines				Other (Specify and describe)					
Have you submitted or do you plan to submit a Conservation Information Document to accompany this plan?								Yes	<input checked="" type="checkbox"/> No
Do you propose to use new or unusual technology to conduct your activities?								Yes	<input checked="" type="checkbox"/> No
Do you propose any facility that will serve as a host facility for deepwater subsea development?								Yes	<input checked="" type="checkbox"/> No
Do you propose any activities that may disturb an MMS-designated high-probability archaeological area?								Yes	<input checked="" type="checkbox"/> No
Have all of the surface locations of your proposed activities been previously reviewed and approved by MMS?								<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Tentative Schedule of Proposed Activities									
Proposed Activity				Start Date		End Date		No. of Days	
DRILL & COMPLETE LOCATION A-7				08/01/2004		10/14/2004		75	
DRILL & COMPLETE LOCATION A-8				10/15/2004		12/05/2004		52	
DRILL & COMPLETE LOCATION A-9				12/06/2004		01/24/2004		50	
Description of Drilling Rig				Description of Production Platform					
Jackup		Drillship		Caisson		Tension leg platform			
<input checked="" type="checkbox"/> Gorilla Jackup		Platform rig		Well protector		Compliant tower			
<input type="checkbox"/> Semisubmersible		Submersible		Fixed platform		Guyed tower			
<input type="checkbox"/> DP Semisubmersible		Other (Attach Description)		Subsea manifold		Floating production system			
Drilling Rig Name (If Known):				Spar		Other (Attach Description)			
Description of Lease Term Pipelines									
From (Facility/Area/Block)			To (Facility/Area/Block)			Diameter (Inches)		Length (Feet)	
N/A									

# PUBLIC INFORMATION

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## OCS PLAN INFORMATION FORM (CONTINUED) Include one copy of this page for each proposed well/structure

Proposed Well/Structure Location							
Well or Structure Name/Number (If renaming well or structure, reference previous name): MAIN PASS 281, LOCATION A-7					Subsea Completion		
Anchor Radius (if applicable) in feet: N/A					<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">Yes</td> <td style="width: 50%; text-align: center;">No X</td> </tr> </table>	Yes	No X
Yes	No X						
	Surface Location		Bottom-Hole Location (For Wells)				
Lease No.	OCS -G-10910		OCS				
Area Name	MAIN PASS						
Block No.	281						
Blockline Departures (in feet)	N/S Departure: F S L 5006'		N/S Departure: F L				
	E/W Departure: 1249.5' F W L		E/W Departure: F L				
Lambert X-Y coordinates	X: 3,005,350		X:				
	Y: 238,836.2756		Y:				
Latitude/Longitude	Latitude 29:17:07		Latitude				
	Longitude 88:10:46		Longitude				
	TVD (Feet):		MD (Feet):	Water Depth (Feet): 308'			
Anchor Locations for Drilling Rig or Construction Barge (If anchor radius supplied above, not necessary)							
Anchor Name or No.	Area	Block	X Coordinate	Y Coordinate	Length of Anchor Chain on Seafloor		
			X =	Y =			
			X =	Y =			
			X =	Y =			
			X =	Y =			
			X =	Y =			
			X =	Y =			
			X =	Y =			
			X =	Y =			
<p><b>Paperwork Reduction Act of 1995 Statement:</b> The Paperwork Reduction Act of 1995 (44 U.S.C. Chapter 35) requires us to inform you that MMS collects this information as part of an applicant's Exploration Plan or Development Operations Coordination Document submitted for MMS approval. We use the information to facilitate our review and data entry for OCS plans. We will protect proprietary data according to the Freedom of Information Act and 30 CFR 250.196. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid Office of Management and Budget Control Number. The use of this form is voluntary. The public reporting burden for this form is included in the burden for preparing Exploration Plans and Development Operations Coordination Documents. We estimate that burden to average 580 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to the Information Collection Clearance Officer, Mail Stop 4230, Minerals Management Service, 1849 C Street, N.W., Washington, DC 20240.</p>							

# PUBLIC INFORMATION

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## OCS PLAN INFORMATION FORM (CONTINUED)

Include one copy of this page for each proposed well/structure

Proposed Well/Structure Location							
Well or Structure Name/Number (If renaming well or structure, reference previous name): <b>MAIN PASS 281, LOCATION A-8</b>					Subsea Completion		
Anchor Radius (if applicable) in feet: <b>N/A</b>					<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">Yes</td> <td style="width: 50%; text-align: center;">No <b>X</b></td> </tr> </table>	Yes	No <b>X</b>
Yes	No <b>X</b>						
Surface Location			Bottom-Hole Location (For Wells)				
Lease No.	OCS -G-10910		OCS				
Area Name	MAIN PASS						
Block No.	281						
Blockline Departures (in feet)	N/S Departure: F S L 5006'		N/S Departure: F L				
	E/W Departure: 1249.5' F W L		E/W Departure: F L				
Lambert X-Y coordinates	X: 3,005,350		X:				
	Y: 238,836.2756		Y:				
Latitude/Longitude	Latitude 29:17:07		Latitude				
	Longitude 88:10:46		Longitude				
TVD (Feet):		MD (Feet):		Water Depth (Feet): 308'			
Anchor Locations for Drilling Rig or Construction Barge (If anchor radius supplied above, not necessary)							
Anchor Name or No.	Area	Block	X Coordinate	Y Coordinate	Length of Anchor Chain on Seafloor		
			X =	Y =			
			X =	Y =			
			X =	Y =			
			X =	Y =			
			X =	Y =			
			X =	Y =			
			X =	Y =			
			X =	Y =			
<b>Paperwork Reduction Act of 1995 Statement:</b> The Paperwork Reduction Act of 1995 (44 U.S.C. Chapter 35) requires us to inform you that MMS collects this information as part of an applicant's Exploration Plan or Development Operations Coordination Document submitted for MMS approval. We use the information to facilitate our review and data entry for OCS plans. We will protect proprietary data according to the Freedom of Information Act and 30 CFR 250.196. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid Office of Management and Budget Control Number. The use of this form is voluntary. The public reporting burden for this form is included in the burden for preparing Exploration Plans and Development Operations Coordination Documents. We estimate that burden to average 580 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to the Information Collection Clearance Officer, Mail Stop 4230, Minerals Management Service, 1849 C Street, N.W., Washington, DC 20240.							

# PUBLIC INFORMATION

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## OCS PLAN INFORMATION FORM (CONTINUED)

Include one copy of this page for each proposed well/structure

Proposed Well/Structure Location							
Well or Structure Name/Number (If renaming well or structure, reference previous name): MAIN PASS 281, LOCATION A-9					Subsea Completion		
Anchor Radius (if applicable) in feet: N/A					<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">Yes</td> <td style="width: 50%; text-align: center;">No X</td> </tr> </table>	Yes	No X
Yes	No X						
	Surface Location		Bottom-Hole Location (For Wells)				
Lease No.	OCS -G-10910		OCS				
Area Name	MAIN PASS						
Block No.	281						
Blockline Departures (in feet)	N/S Departure: F S L 5006'		N/S Departure: F L				
	E/W Departure: 1249.5' F W L		E/W Departure: F L				
Lambert X-Y coordinates	X: 3,005,350		X:				
	Y: 238,836.2756		Y:				
Latitude/Longitude	Latitude 29:17:07		Latitude				
	Longitude 88:10:46		Longitude				
TVD (Feet):		MD (Feet):		Water Depth (Feet): 308'			
Anchor Locations for Drilling Rig or Construction Barge (If anchor radius supplied above, not necessary)							
Anchor Name or No.	Area	Block	X Coordinate	Y Coordinate	Length of Anchor Chain on Seafloor		
			X =	Y =			
			X =	Y =			
			X =	Y =			
			X =	Y =			
			X =	Y =			
			X =	Y =			
			X =	Y =			
			X =	Y =			
<p><b>Paperwork Reduction Act of 1995 Statement:</b> The Paperwork Reduction Act of 1995 (44 U.S.C. Chapter 35) requires us to inform you that MMS collects this information as part of an applicant's Exploration Plan or Development Operations Coordination Document submitted for MMS approval. We use the information to facilitate our review and data entry for OCS plans. We will protect proprietary data according to the Freedom of Information Act and 30 CFR 250.196. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid Office of Management and Budget Control Number. The use of this form is voluntary. The public reporting burden for this form is included in the burden for preparing Exploration Plans and Development Operations Coordination Documents. We estimate that burden to average 580 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to the Information Collection Clearance Officer, Mail Stop 4230, Minerals Management Service, 1849 C Street, N.W., Washington, DC 20240.</p>							