

UNITED STATES GOVERNMENT
MEMORANDUM

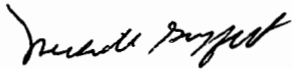
March 24, 2004

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

Subject: Public Information copy of plan
Control # - S-06392
Type - Supplemental Exploration Plan
Lease(s) - OCS-G21123 Block - 54 Grand Isle Area
Operator - El Paso Production GOM Inc.
Description - Well Protector and Well C
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.


Michelle Griffitt
Plan Coordinator

Site Type/Name	Botm Lse/Area/Blk	Surface Location	Surf Lse/Area/Blk
WP/C		1387 FNL, 3046 FWL	G21123/GI/54
WELL/C	G21123/GI/54	1387 FNL, 3046 FWL	G21123/GI/54

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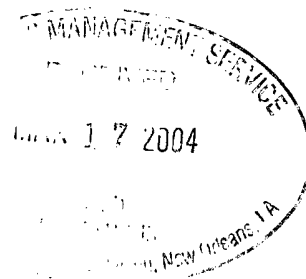
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PUBLIC COPY

March 16, 2004

SUPPLEMENTAL EXPLORATION PLAN

Lease Number (s): OCS-G 21123
Area/Block: Grand Isle Block 54
Prospect Name:
Offshore: Louisiana



Submitted by: El Paso Production GOM Inc.
Nine Greenway Plaza, Suite 2654
Houston, Texas 77046

Contact: Lisa Kakos
832-676-7590
lisa.kakos@elpaso.com

Estimated start up date: April 15, 2004

CONTROL No. 5-6392
REVIEWER: Michelle Griffitt
PHONE: (504) 736-2975

Authorized Representative:
Cathy Thornton
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(281) 578-3388
Cathy.thornton@jccteam.com

No. Copies Being Submitted:
Proprietary: 5
Public Info: 3
For MMS:
Plan No. _____
Assigned to: _____

EL PASO PRODUCTION GOM INC.
SUPPLEMENTAL EXPLORATION PLAN
LEASE OCS-G 21123
GRAND ISLE BLOCK 54

APPENDIX A	<i>Contents of Plan</i>
APPENDIX B	<i>General Information</i>
APPENDIX C	<i>Geological, Geophysical & H₂S Information</i>
APPENDIX D	<i>Biological and Physical Information</i>
APPENDIX E	<i>Wastes and Discharge Information</i>
APPENDIX F	<i>Oil Spill Information</i>
APPENDIX G	<i>Air Emissions Information</i>
APPENDIX H	<i>Environmental Impact Analysis</i>
APPENDIX I	<i>Coastal Zone Management Consistency Information</i>
APPENDIX J	<i>Plan Information Form and Well Information Form</i>

APPENDIX A CONTENTS OF PLAN

El Paso Production GOM Inc. (El Paso GOM) is the designated operator of the subject oil and gas lease.

(A) DESCRIPTION, OBJECTIVES AND SCHEDULE

This Supplemental Exploration Plan provides for the drilling and completion of Well Location C.

Appendix J contains a Plan Information Form, which provides a description of proposed activities, objectives and a tentative schedule.

A discussion of geologic objective, including a brief description of the hydrocarbon trapping features is included in Appendix C.

(B) LOCATION

Included as *Attachments A-1 and A-2* are the proposed well location plat and the bathymetry map showing the surveyed water depths in this area. Additional well information is included in Appendix J on the Well Information Form.

(C) DRILLING UNIT

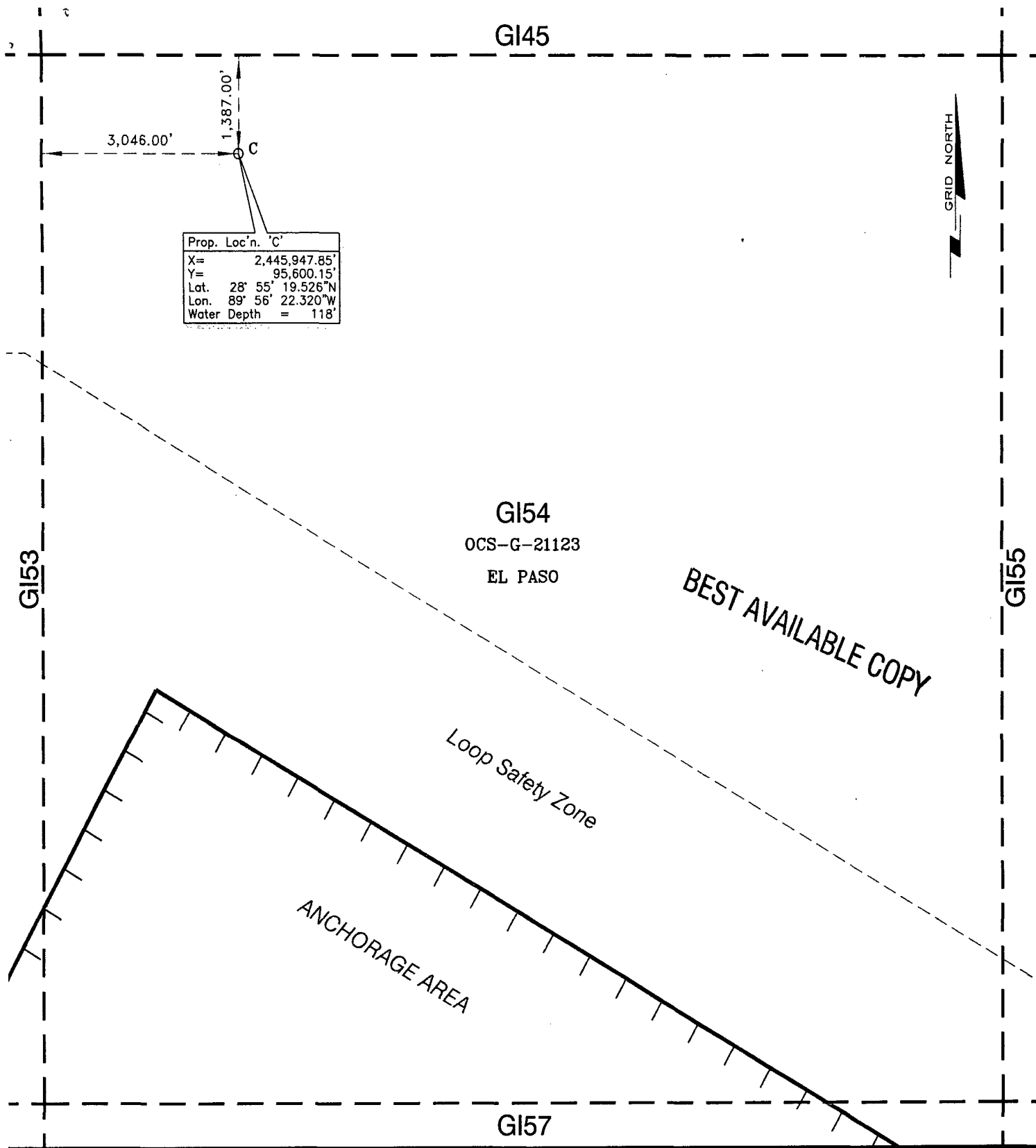
A description of the drilling unit is included in Appendix J on the Plan Information Form. Rig specifications will be made a part of the Application for Permit to Drill.

Safety features on the drilling unit will include well control, pollution prevention, and blowout prevention equipment as described in Title 30 CFR Part 250, Subparts C, D, E, and G; and as further clarified by MMS Notices to Lessees, and current policy making invoked by the MMS, Environmental Protection Agency and the U.S. Coast Guard. Appropriate life rafts, life jackets, ring buoys, etc., will be maintained on the facility at all times.

Operator will ensure employees and contractor personnel engaged in well control operations understand and can properly perform their duties.

Pollution prevention measures include installation of curbs, gutters, drip pans, and drains on drilling deck areas to collect all contaminants and debris.

El Paso GOM does not propose additional safety, pollution prevention, or early spill detection measures beyond those required by 30 CFR 250.



NOTES:

1) PROPOSED LOCATION 'C' SURFACE AND BOTTOM HOLE ARE THE SAME.

ATTACHMENT A-1

el paso

Production

SUPPLEMENTAL EXPLORATION PLAN
OCS-G-21123

BLOCK 54
GRAND ISLE AREA
GULF OF MEXICO

FUGRO CHANCE INC.



GEODETIC DATUM: NAD 1927
PROJECTION: LOUISIANA SOUTH
GRID UNITS: US SURVEY FEET

SCALE 0 2,000'
IN FEET

Job No.: 04-0834

Date: 3/10/04

Drwn: RDT

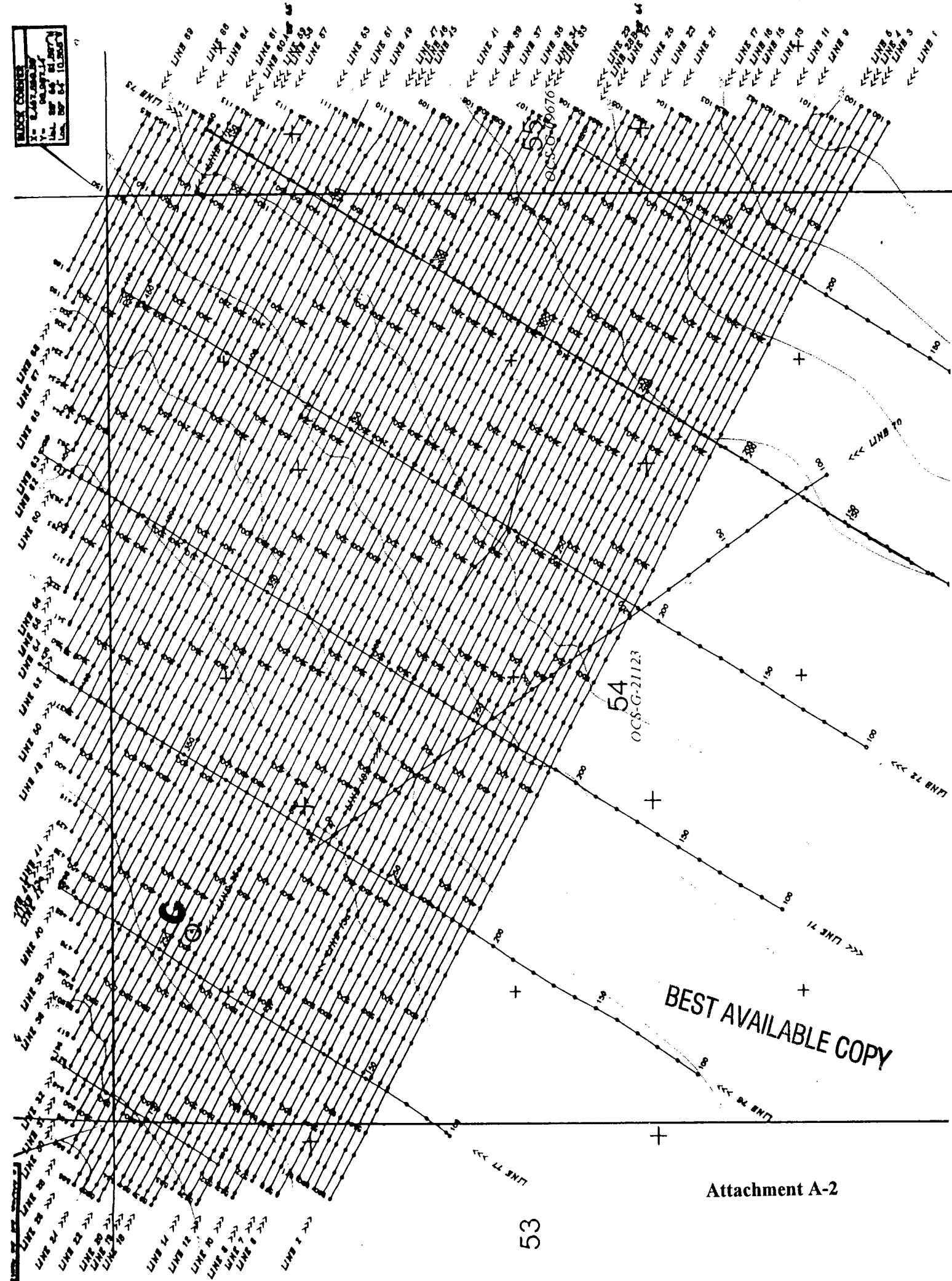
Chart: Of:

Printed: 3/10/04

Dwgfile: O:\WellPermit\LAS\GI\Permit\54sep-c

1 1

MUCK CONTOUR
1- 2,500
2- 2,000
3- 1,500
4- 1,000
5- 500
6- 0
7- 500
8- 1,000
9- 1,500
10- 2,000
11- 2,500



APPENDIX B GENERAL INFORMATION

(A) CONTACT

Inquiries may be made to the following authorized representative:

Cathy Thornton
J. Connor Consulting, Inc.
16225 Park Ten Place, Suite 700
Houston, Texas 77084
(281) 578-3388
E-mail address: cathy.thornton@jccteam.com

(B) PROSPECT NAME

Not applicable

(C) NEW OR UNUSUAL TECHNOLOGY

El Paso GOM does not propose to use any new or unusual technology to carry out the proposed exploration activities. New or unusual technology is defined as equipment and/or procedures that:

1. Function in a manner that potentially causes different impacts to the environment than the equipment or procedures did in the past;
2. Have not been used previously or extensively in an MMS OCS Region;
3. Have not been used previously under the anticipated operating conditions; or
4. Have operating characteristics that are outside the performance parameters established by 30 CFR 250.

(D) BONDING INFORMATION

The bond requirements for the activities and facilities proposed in this EP are satisfied by a \$3,000,000 areawide development bond, furnished and maintained according to 30 CFR 256, Subpart I; NTL No. 2000-G16, "Guidelines for General Lease Surety Bonds", dated September 7, 2000.

(E) ONSHORE BASE AND SUPPORT VESSELS

A Vicinity Map is included as *Attachment B-1*, showing Grand Isle Block 54 located approximately 20 miles from the nearest shoreline and approximately 23 miles from the onshore support base in Fourchon, Louisiana.

The existing onshore base provides 24-hour service, a radio tower with a phone patch, dock space, equipment, and supply storage area, drinking and drill water, etc. The base serves as a loading point for tools, equipment, and machinery, and temporary storage for materials and equipment. The base also supports crew change activities. The proposed operations do not require expansion or major modifications to the base.

During the proposed activities, support vessels/helicopters and travel frequency are as follows:

Type	Weekly Estimate (No.) of Roundtrips
Crew Boat	6
Supply Boat	3
Helicopter	As needed

The most practical, direct route from the shorebase as permitted by weather and traffic conditions will be utilized.

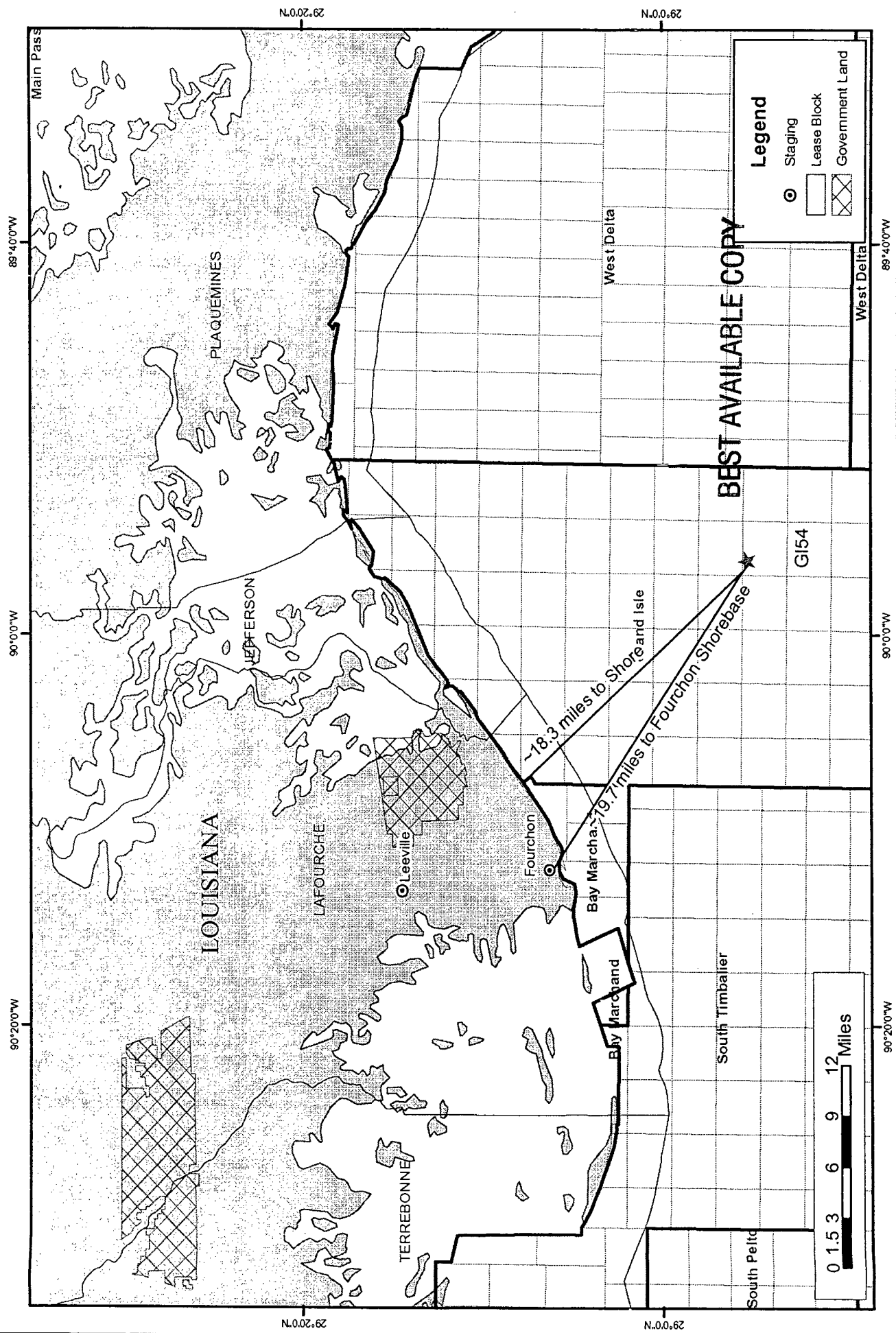
(F) LEASE STIPULATION

The MMS did not invoke lease stipulations for Lease OCS-G 21123, Grand Isle Block 54.

SPECIAL CONDITIONS

Although the Loop Safety Zone is located in Grand Isle Block 54, the surface locations for the proposed activities are not affected by any special conditions that may impact the operations.

Grand Isle 54 Vicinity Map



APPENDIX C

GEOLOGICAL, GEOPHYSICAL, AND H₂S INFORMATION

(A) STRUCTURE CONTOUR MAP

Proprietary Information

(B) TRAPPING FEATURES

Proprietary Information

(C) DEPTH OF GEOPRESSURE

Proprietary Information

(D) INTERPRETED SEISMIC LINE(S)

Attached to one Proprietary Information copy of this plan, are interpreted seismic lines. These lines are migrated, annotated with depth scale, and are within 500' of the surface location of the proposed well.

(E) GEOLOGICAL STRUCTURE CROSS-SECTIONS

Proprietary Information

(F) SHALLOW HAZARDS REPORT

Copies of the report have been previously submitted to the Minerals Management Service.

(G) SHALLOW HAZARDS ASSESSMENT

Proprietary Information

(H) HIGH-RESOLUTION SEISMIC LINES

Attached to one Proprietary Copy of this Plan, are annotated high-resolution seismic lines. These lines are the closest high-resolution seismic lines to the proposed surface location.

(I) STRATIGRAPHIC COLUMN

A generalized biostratigraphic/lithostratigraphic column depicting the well from the seafloor to the total depth was previously submitted to MMS under the Initial Exploration Plan.

(J) TIME VS DEPTH TABLES

Sufficient well control data for the target areas proposed in this EP exists; therefore, seismic time versus depth tables for the proposed well locations are not required.

(K) HYDROGEN SULFIDE INFORMATION

In accordance with Title 30 CFR 250. 490(c) and NTL No. 2003-G17, El Paso GOM, has been classified by the MMS as H₂S absent.

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A generalized biostratigraphic/lithostratigraphic column depicting the well from the seafloor to the total depth was previously submitted to MMS under the Initial Exploration Plan.

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(K) HYDROGEN SULFIDE INFORMATION

In accordance with Title 30 CFR 250. 490(c) and NTL No. 2003-G17, El Paso GOM, has been classified by the MMS as H₂S absent.

The basis for this determination is through the evaluation of Continental Oil Company's Lease OCS-G 1497, Well No. S-7 which was drilled to the stratigraphic equivalent of the OE Sand Series as proposed in this plan.

APPENDIX D

BIOLOGICAL AND PHYSICAL INFORMATION

CHEMOSYNTHETIC INFORMATION

This EP does not propose activities that could disturb seafloor areas in water depths of 400 meters (1312 feet) or greater, therefore chemosynthetic information is not required.

TOPOGRAPHIC FEATURES INFORMATION

The activities proposed in this plan will not take place within 500 feet of any identified topographic feature; therefore topographic features information is not required.

LIVE BOTTOM (PINNACLE TREND) INFORMATION

Grand Isle Block 54 is not located within 100 feet of any pinnacle trend feature with vertical relief equal to or greater than 8 feet; therefore, live bottom information is not required.

ARCHAEOLOGICAL INFORMATION

MMS has determined that Grand Isle Block 54 is located within the high probability of historic archaeological area. Therefore, an Archaeological Survey Report has been prepared and previously submitted to MMS.

APPENDIX E

WASTES AND DISCHARGES INFORMATION

DISCHARGES

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

Discharge information is not required per NTL No. 2003-G17.

WASTES

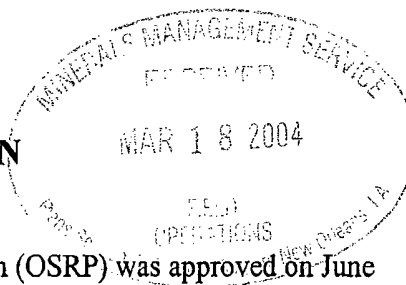
For disposed wastes, the type and general characteristics of the wastes, the amount to be disposed of (volume, rate, or weight), the daily rate, the name and location of the disposal facility, a description of any treatment or storage, and the methods for transporting and final disposal are provided in tabular format in *Attachment E-1*. For purposes of this Appendix, disposed wastes describes those wastes generated by the proposed activities that are disposed of by means other than by releasing them in to the waters of the Gulf of Mexico at the site where they are generated. These wastes can be disposed of by offsite release, injection, encapsulation, or placement at either onshore or offshore permitted locations for the purpose of returning them back to the environment.

Disposed Wastes

<i>Type of Waste Approximate Composition</i>	<i>Amount</i>	<i>Rate per Day</i>	<i>Name/Location of Disposal Facility</i>	<i>Treatment and/or Storage, Transport and Disposal Method</i>
Spent oil-based drilling fluids and cuttings	1000 bbls/well	200 bbls/day	Newpark, Fourchon, LA	Transport to shore in barge tanks to a land farm
Spent synthetic-based drilling fluids and cuttings	1000 bbls/well	200 bbls/day	Newpark, Fourchon, LA	Transport to shorebase in cuttings boxes on crewboat then inject downhole at offshore waste disposal facility
Oil-contaminated produced sand	200 lbs/yr	0.6 bbls/day	Newpark, Fourchon, LA	Store in a cuttings box and transport to a land farm
Waste oil	250,000 bbls/yr	0.5 bbls/day	Newpark, Fourchon, LA	Pack in drums and transport to an onshore incineration site
Produced water		1000 bbls/day	GI 54	Transport by vessel and inject
Produced water	250,000 bbls/yr	1000 bbls/day	Newpark, Fourchon, LA	Pipe to a well on- lease, inject downhole
Norm – contaminated wastes	1 ton	NA	Newpark, Fourchon, LA	Transport to a transfer station via dedicated barge
Trash and debris	1000 ft ³	3 ft ³ /day	GI 54 (if applicable)	Transport in storage bins on crew boat to a inlandfill
Chemical product wastes	50 bbls/yr	2 bbls/day	Newpark, Fourchon, LA	Transport by pipeline and inject downhole; add to produced water stream
Chemical product wastes	100 bbls	2 bbls/day	Newpark, Fourchon, LA	Transport in barrels on crew boat to shore location
Workover fluids	150 bbls	2 bbls/day	Newpark, Fourchon, LA	Transport in barrels on crewboat or barge

ATTACHMENT E-1

APPENDIX F OIL SPILL INFORMATION



1. Regional OSRP Information

El Paso Production GOM Inc.'s Regional Oil Spill Response Plan (OSRP) was approved on June 18, 2003. Activities proposed in this Supplemental EP will be covered by the Regional OSRP.

2. OSRO Information

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

3. Worst-Case Scenario Comparison

Category	Regional OSRP WCD	EP WCD
Type of Activity	Exploratory Drilling	Drilling
Facility Location (Area/Block)	SM223	GI 54
Facility Designation		JU Rig
Distance to Nearest Shoreline (miles)	15	20
Volume Storage tanks (total) Uncontrolled blowout Total Volume	1001 bbls	0 bbls
Type of Oil(s) (crude, condensate, diesel)	Condensate	NA (Gas/Condensate)
API Gravity	45°	NA

El Paso GOM has determined that the worst-case scenario from the activities proposed in this EP do not supercede the worst-case scenario from our approved regional OSRP.

Since El Paso GOM has the capability to respond to the worst-case spill scenario included in our regional OSRP approved on May 18, 2003, and since the worst-case scenario determined for our EP does not replace the worst-case scenario in our regional OSRP, I hereby certify that El Paso GOM 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 EP.

4. FACILITY TANKS, PRODUCTION FACILITIES

All facility tanks of 25 barrels or more.

Type of Storage Tank	Type of Facility	Tank Capacity (bbls)	Number of Tanks	Total Capacity (bbls)	Fluid Gravity (API)
Fuel Oil (Marine Diesel)	Jackup	250	2	500	32.4

5. PRODUCED LIQUID HYDROCARBONS TRANSPORTATION VESSELS

El Paso GOM does not propose well testing operations and/or transfer of stored production under this Supplemental EP.

APPENDIX G

AIR EMISSIONS INFORMATION

AIR EMISSIONS INFORMATION

Screen Procedures for EP's	Yes	No
Is any calculated Complex Total (CT) Emission amount (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
Are your proposed exploration activities located east of 87.5° W longitude?		X
Do you expect to encounter H ₂ S at concentrations greater than 20 parts per million (ppm)?		X
Do you propose to flare or vent natural gas for more than 48 continuous hours from any proposed well?		X
Do you propose to burn produced hydrocarbon liquids?		X

Summary Information

There are no existing facilities or activities co-located with the currently proposed activities, therefore the Complex Total Emissions are the same as the Plan Emissions and are provided in the table below.

Air Pollutant	Plan Emission Amounts¹ (tons)	Calculated Exemption Amounts² (tons)	Calculated Complex Total Emission Amounts³ (tons)
Particular matter (PM)	10.43	666.00	10.43
Sulphur dioxide (SO ₂)	48.78	666.00	48.78
Nitrogen oxides (NO _x)	354.17	666.00	354.17
Volatile organic compounds (VOC)	11.26	666.00	11.26
Carbon Monoxide (CO)	80.94	25051.41	80.94

¹For activities proposed in your EP, list the projected emissions calculated from the worksheets.

²List the exemption amounts for your proposed activities calculated by using the formulas in 30 CFR 250.303(d).

³List the complex total emissions associated with your proposed activities calculated from the worksheets.

This information was calculated by: Brenda Montalvo
(281) 578-3388
brenda.montalvo@jccteam.com

Based on this data, emissions from the proposed activities will not cause any significant effect on onshore air quality.

APPENDIX H

ENVIRONMENTAL IMPACT ANALYSIS (EIA)

(A) Impact Producing Factors (IPF's)

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 IPFs you identify
Site-specific and Offshore Location						
Designated topographic features						
Pinnacle Trend area live bottoms						
Eastern Gulf live bottoms						
Chemosynthetic communities						
Water quality		X			X	
Fisheries					X	
Marine mammals	X				X	
Sea turtles	X				X	
Air quality	X					
Shipwreck sites (known or potential)						
Prehistoric archaeological sites						
Vicinity of Offshore Location						
Essential fish habitat					X	
Marine and pelagic birds					X	
Public health and safety						
Coastal and Onshore						
Beaches					X	
Wetlands					X	
Shore birds and coastal nesting birds					X	
Coastal wildlife refuges					X	
Wilderness areas					X	
Other Resources You Identify						

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 Activities (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 H₂S 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 determine 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.

Production activities that involve transportation of produced fluids to shore using shuttle tankers or barges

(B) Analysis

Site-Specific at Offshore Location:

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 140 miles away from the closest designated topographic feature. Proximity of any submarine bank (500 ft buffer zone) with relief greater than 2 meters that is not protected by the Topographic Features Stipulation.

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).

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 approximately 140 miles away from the closest pinnacle trend live bottom stipulated block.

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 the pinnacle trend live bottom area, 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).

Eastern Gulf Live Bottoms

The eastern gulf live bottoms are not in the vicinity of El Paso GOM's proposed operations.

Chemosynthetic Communities

There are no deepwater chemosynthetic communities in the vicinity of El Paso GOM's proposed operations.

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 waters 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).

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).

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 aperiodic 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, 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.

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 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.

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.

Shipwreck Sites (known or potential)

Although Grand Isle Block 54 is located in a high probability historic area, there are no IPF's (including physical disturbances to the seafloor) from the proposed activities that could cause impacts to known or potential shipwreck sites.

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:

Essential Fish Habitat

An Accidental oil spill that may occur as a result of the proposed action has the potential to cause 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 the plan will be covered by our regional OSRP (refer to information submitted in accordance with NTL 2002-G08 Appendix F).

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).

Public Health and Safety

There are no IPF's (including any accidental H₂S 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 (Appendix C) we have submitted sufficient information to justify our request that the area of our proposed activities be classified by MMS as H₂S absent.

Coastal and Onshore:

Beaches

An accidental oil spill from the proposed activities could cause impacts to beaches. However, due to the distance from shore (20 miles) and 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 there is little risk of contact or impact to the coastline and associated environmental resources. The activities proposed in the plan will be covered by our regional OSRP (refer to information submitted in accordance with NTL 2002-G08 Appendix F).

Wetlands

An accidental oil spill from the proposed activities could cause impacts to wetlands. However, due to the distance from shore (20 miles) and the response capabilities that would be implemented, no significant adverse impacts are expected.

Both the historical spill data and the combined trajectory/risk calculations references 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-G08 Appendix F).

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 distance from shore (20 miles) and the response capabilities that would be implemented, no significant adverse impacts are expected. Both the historical spill data and the combined trajectory/risk calculation 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-G08 Appendix F).

Coastal Wildlife Refuges

An accidental oil spill from the proposed activities could cause impacts to coastal wildlife refuges. However, due to the distance from shore (20 miles) and the response capabilities that would be implemented, no significant adverse impacts are expected. Both the historical spill data and the combined trajectory/risk calculation 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-G08 Appendix F).

Wilderness Areas

An accidental oil spill from the proposed activities could cause impacts to coastal wilderness areas. However, due to the distance from shore (20 miles) and the response capabilities that would be implemented, no significant adverse impacts are expected. Both the historical spill data and the combined trajectory/risk calculation 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-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 conditions.

A Shallow Hazards 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

No mitigation measures other than those required by regulation will be employed to avoid, diminish, or eliminate potential impacts on environmental resources.

(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

Hazard Survey prepared by Fugro Geoservices, Inc. in February, 2002
MMS EIS – Lease Sale 172
NPDES Permit GMG290000
Air Quality Review (See Attachment G-1 in subject plan)
Oil Spill Response Plan (approved by MMS on June 18, 2003)

APPENDIX I

COASTAL ZONE MANAGEMENT CONSISTENCY INFORMATION

Relevant enforceable policies were considered in certifying consistency for Louisiana. A certificate of Coastal Zone Management Consistency for the state of Louisiana is not being submitted for the proposed operations under this Supplemental Exploration Plan.

PLAN INFORMATION FORM

GENERAL INFORMATION

Type of OCS Plan:	X	Supplemental Exploration Plan (SEP)	Development Operations Coordination Document (DOCD)
Company Name:	El Paso Production GOM Inc.		MMS Operator Number:
Address:	Nine Greenway Plaza, Suite 2654 Houston, TX 7746		Contact Person: Lisa Kakos
			Phone Number: 832-676-7590
			Email Address: Lisa.kakos@elpaso.com
Lease:	G21123	Area: GI	Block: 54 Project Name (If Applicable): NA
Objective(s):	<input type="checkbox"/> Oil	<input checked="" type="checkbox"/> Gas <input type="checkbox"/> Sulphur <input type="checkbox"/> Salt	Onshore Base: Fourchon, La Distance to Closest Land (Miles): 20

Description of Proposed Activities (Mark all that apply)

<input checked="" type="checkbox"/> Exploration drilling	<input type="checkbox"/> Development drilling
<input checked="" type="checkbox"/> Well completion	<input type="checkbox"/> Installation of production platform
<input type="checkbox"/> Well test flaring	<input type="checkbox"/> Installation of production facilities
<input checked="" type="checkbox"/> Installation of well protection structure	<input type="checkbox"/> Installation of satellite structure
<input type="checkbox"/> Installation of subsea wellheads and/or manifolds	<input type="checkbox"/> Installation of lease term pipelines
<input type="checkbox"/> Temporary well abandonment	<input type="checkbox"/> Commence production
<input type="checkbox"/> Other (specify and describe)	

Do you propose to use new or unusual technology to conduct your activities?		Yes	X	No
Do you propose any facility that will serve as a host facility for deepwater subsea development?		Yes	X	No
Do you propose any activities that may disturb an MMS-designated high-probability archaeological area?	X	Yes		No

Tentative Schedule of Proposed Activities

Proposed Activity	Start Date	End Date	No. of Days
Drill and complete Well Location C	04/15/04	06/06/04	68
Install well protective structure (using drilling rig)	06/05/04	06/06/04	

Description of Drilling Rig	Description of Production Platform
<input checked="" type="checkbox"/> Jackup	<input type="checkbox"/> Drillship
<input type="checkbox"/> Gorilla Jackup	<input type="checkbox"/> Platform rig
<input type="checkbox"/> Semisubmersible	<input type="checkbox"/> Submersible
<input type="checkbox"/> DP Semisubmersible	<input type="checkbox"/> Other (Attach Description)
<input type="checkbox"/> Drilling Rig Name (If Known):	<input type="checkbox"/> Spar
	<input type="checkbox"/> Caisson
	<input type="checkbox"/> Tension leg platform
	<input checked="" type="checkbox"/> Well protector
	<input type="checkbox"/> Compliant tower
	<input type="checkbox"/> Fixed platform
	<input type="checkbox"/> Guyed tower
	<input type="checkbox"/> Subsea manifold
	<input type="checkbox"/> Floating production system
	<input type="checkbox"/> Other (Attach description)

WELL INFORMATION FORM
(USE SEPARATE FORM FOR EACH LEASE)

PROPOSED WELL/STRUCTURE LOCATIONS

WELL / STRUCTURE NAME	SURFACE LOCATION		BOTTOM-HOLE LOCATION (FOR WELLS)	
Well Location C	CALLS: 1387 F N L and 3046 F W L OF LEASE OCS G21123 , GRAND ISLE AREA, BLOCK 54			
	X: 2,445,947.85'			
	Y: 95,600.15'			
	LAT: 28° 55' 19.526"N LONG: 89° 56' 22.320"W			
TVD (IN FEET):		MD (IN FEET):		WATER DEPTH (IN FEET): 118'