UNITED STATES GOVERNMENT
MEMORANDUM

November 20, 2003

To: Public Information (MS 5034)

From: Plan Coordinator, FO, Plans Section (MS 5231)

Subject: Public Information copy of plan

Control #	-	N-07921
Type	-	Initial Development Operations Coordinations Document
Lease(s)	-	OCS-G12757 Block - 98 West Cameron Area OCS-G22509 Block - 99 West Cameron Area
Operator	-	El Paso Production GOM Inc.
Description	-	Platform A-AUX and Well A-4
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
FIXED/A-AUX		4465 FSL, 3765 FEL	G12757/WC/98
WELL/A-4	G22509/WC/99	4465 FSL, 3765 FEL	G12757/WC/98
WELL/A-4	G22509/WC/99	4465 FSL, 3765 FEL	G12757/WC/98

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MINERALS MANAGEMENT SERVICE
RECEIVED
OCT 0 1 2003
FIELD
OPERATIONS
Plans Section, GOM OCS Region, New Orleans, LA

elpaso Production

September 30, 2003

Mr. Donald C. Howard
Regional Supervisor
Office of Field Operations
U.S. Department of the Interior
Minerals Management Service
1201 Elmwood Park Boulevard
New Orleans, LA 70123-2394

RE: Initial Development Operations Coordination Document for Lease OCS-G 22509, West Cameron Block 99, OCS Federal Waters, Gulf of Mexico, Offshore, Louisiana

Gentlemen:

In accordance with the provisions of Title 30 CFR 250.203, El Paso Production GOM Inc. (El Paso GOM) hereby submits for your review and approval nine (9) copies of an Initial Development Operations Coordination Document for Lease OCS-G 22509, West Cameron Block 99, Offshore, Louisiana. Five (5) copies are "Proprietary Information" and four (4) copies are "Public Information".

Excluded from the Public Information copies are certain geologic discussions, depth of wells and structure map.

El Paso GOM anticipates activities will commence under this proposed Initial Development Operations Coordination Document on approximately October 31, 2003.

Should additional information be required, please contact the undersigned at (832) 676-5038.

Sincerely,

EL PASO PRODUCTION GOM INC.

Melissa Logan
Regulatory Analyst

:ML
Enclosures

PUBLIC INFORMATION

CONTROL No. N-7921
REVIEWER: Michelle Griffitt
PHONE: (504) 736-2975

El Paso Production
Nine Greenway Plaza Houston, Texas 77046-0995
tel 832.676.2600

EL PASO PRODUCTION GOM INC.

INITIAL DEVELOPMENT OPERATIONS COORDINATION DOCUMENT

LEASE OCS-G 22509

WEST CAMERON BLOCK 99

A. CONTENTS OF PLAN

LEASE DESCRIPTION, OBJECTIVES AND SCHEDULE

Lease OCS-G 22509 was acquired by El Paso Production GOM Inc. through a negotiation of a farm in agreement with Chevron U.S.A. Inc.

El Paso Production GOM Inc. is the designated operator of an aliquot portion of the subject oil and gas lease.

This Initial Development Operations Coordination Document provides for the drilling, completion potential testing and commencement of production of Well No. A-4 from an existing surface location on West Cameron Block 98 from the target sands as detailed in Section C of this plan.

The following schedule details the proposed drilling, completion, testing, facility installation and commencement of production of the locations provided for in this plan.

Activity	*Estimated Start Date*	*Estimated Completion Date*
Drill, Test and Complete A-4	10/31/03	02/12/04
Installation of Platform A-Aux	10/31/03	11/04/03
Commence Production of Well No. A-4	02/12/04	02/12/12

It should be emphasized that this schedule is tentative in the meaning of Title 30 CFR 250.203(1). Additional exploratory drilling must be predicated upon the need to further define the structures and/or reservoir limitations.

Included in the activity schedule shown above are other activities which may be conducted under this Plan, including installation of a minimal well protector structure or net guard.

LOCATION

Included in this section as ***Attachments A-1 through A-2*** are a Plan Information Form, well location plat prepared in accordance with Appendix J of that certain Notice to Lessees (NTL 2000-G21).

DRILLING UNIT

Offshore exploratory activities are carried out from mobile drilling rigs. The five most common types of mobile rigs employed for exploratory drilling offshore are submersible drilling rigs, semi-submersible drilling rigs, jack-up drilling rigs, drillships, and drill barges.

The proposed well will be drilled and completed with a typical jack-up rig. When a rig is selected, the rig specifications will be made a part of the appropriate Applications for Permit to Drill.

Safety features on the MODU will include well control, pollution prevention, welding procedure, and blowout prevention equipment as described in Title 30 CFR Part 250, Subparts C, D, E, G and O; 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. The appropriate life rafts, life jackets, ring buoys, etc., as prescribed by the U. S. Coast Guard will be maintained on the facility at all times.

In accordance with Title 30 CFR Part 250, Subpart O, an operator is to ensure Well Control Training is provided for personnel engaged in oil and gas operations in the OCS Gulf of Mexico. Supervisory and certain designated personnel on-board the facility are to be familiar with the effluent limitations and guidelines for overboard discharges into the receiving waters, as outlined in the NPDES General Permit GMG290000.

The operator is charged with the responsibility to not create conditions that will pose unreasonable risk to the public health, life, property, aquatic life, wildlife, recreation, navigation, commercial fishing, or other uses of the ocean. Some of these measures include installation of curbs, gutters, drip pans, and drains on drilling deck areas to collect all contaminants and debris.

The MMS is required to conduct onsite inspections of offshore facilities to confirm operators are complying with lease stipulations, operating regulations, approved plans, and other conditions; as well as to assure safety and pollution prevention requirements are being met. The National Potential Incident of Noncompliance (PINC) List serves as the baseline for these inspections. The MMS also inspects the stockpiles of equipment listed in the operator's approved Oil Spill Response Plan that would be used for the containment and cleanup of hydrocarbon spills.

PRODUCTION FACILITIES

The subject well will be protected by a braced caisson, well protector type structure to be bridge connected to Platform A and be designated as Platform A-Aux. A barge will travel to location to brace the existing freestanding structure to be designated as Platform A-Aux. **The derrick barge installing the structure with usie anchors that will have a maximum radius of 5000' in diameter.** The primary function of the platform is to serve as a well protector for Well No. A-4. The platform will consist of a jacket, main deck and cellar deck. A typical schematic of the proposed structure is included as ***Attachment A-3.***

El Paso O&G anticipates installing minimal processing equipment on this structure. All hydrocarbon handling equipment installed for testing and production operations will be designed, installed and operated to prevent pollution from the proposed structures.

A lease term pipeline was installed to transport produced hydrocarbons from the existing West Cameron Block 98 A platform to an existing 16" SSTI in West Cameron Block 98 for further processing. No new nearshore or onshore pipelines or facilities will be constructed.

Maintenance or repairs that are necessary to prevent pollution of offshore waters shall be undertaken immediately. The facility was designed, installed and is operated in accordance with current regulations, engineering documents incorporated by reference, and industry practices in order to ensure protection of personnel, environment and the facilities.

U.S. Department of the Interior **OMB Control Number: 1010-0049**
Minerals Management Service **OMB Approval Expires: August 31, 2006**

OCS PLAN INFORMATION FORM

General Information

Type of OCS Plan		Exploration Plan (EP)	X	Development Operations Coordination Document (DOCD)	
Company Name: El Paso Production GOM Inc.			MMS Operation Number: 01138		
Address:	9 Greenway Plaza, Suite 2568		Contact Person:	Melissa Logan	
	Houston, Texas 77046		Phone Number:	(832) 676-5038	
			E-Mail Address:	Melissa.logan@elpaso.com	

Lease(s): G-22509	Area: WC	Block(s): 99	Project Name (If Applicable):

Objective(s):		Oil	X	Gas		Sulphur		Salt	Onshore Base: Cameron, LA	Distance to Closes Land (Miles): 15	

Description of Proposed Activities (Mark all that apply)

	Exploration drilling	X	Development drilling
X	Well completion		Installation of production platform
	Well test flaring (for more than 48 hours)		Installation of production facilities
X	Installation of caisson or platform as well protection structure		Installation of satellite structure
	Installation of subsea wellheads and/or manifolds	X	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	X	No	
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?		Yes	X	No	
Have all of the surface locations of your proposed activities been previously reviewed and approved by MMS?	X	Yes		No	

Tentative Schedule of Proposed Activities

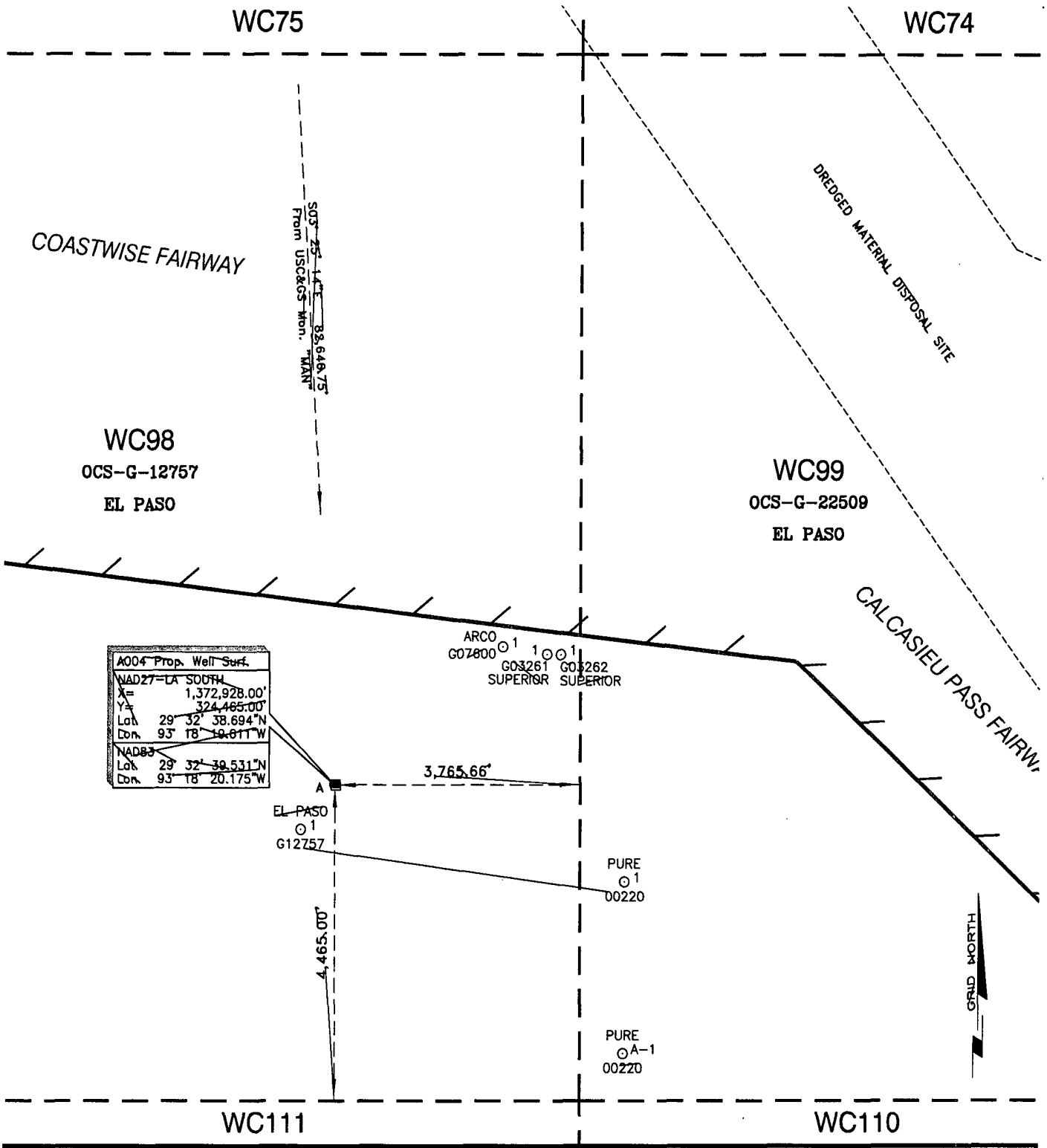
Proposed Activitiy	Start Date	End Date	No. of Days
			104

Description of Drilling Rig

X	Jackup		Drillship		Caisson		Tension Leg Platform
	Gorilla Jackup		Platform rig		Well protector		Compliant tower
	Semi-submersible		Submersible	X	Fixed Platform		Guyed tower
	DP Semi-submersible		Other (Attach description)		Subsea manifold		Floating production system
Drilling Rig Name (if known):					Spar		Other (Attach Description)

MMS **Form MMS-137 (August 2003** – Supersedes all previous editions of form MMS-137, which may not be used.)

ATTACHMENT A-1



I HEREBY CERTIFY THAT THE ABOVE PROPOSED WELL SURFACE LOCATION IS CORRECT.

DIGITAL COPY
ORIGINAL PLAT SIGNED 11/7/03

REG. PROFESSIONAL LAND SURVEYOR NO. 4401
STATE OF LOUISIANA

PUBLIC INFORMATION

Printed: 11/7/03

elpaso Production

PROPOSED LOCATION
OCS-G-22509 WELL NO. A004
BLOCK 99
WEST CAMERON AREA
GULF OF MEXICO

FUGRO CHANCE INC.
200 Dulles Dr. Lafayette, Louisiana 70506-3001 (337) 237-1300

GEODETIC DATUM: NAD27
PROJECTION: LOUISIANA SOUTH
GRID UNITS: US SURVEY FEET

SCALE IN FEET 0 2,000'

Job No.: 03-3723	Date: 11/7/03	Drwn: RDT	Chck:	Of:
Dwgfile: O:\WellPermit\Las\WC\Permit\98s99pa4			1	1

OCS PLAN INFORMATION FORM (CONTINUED)

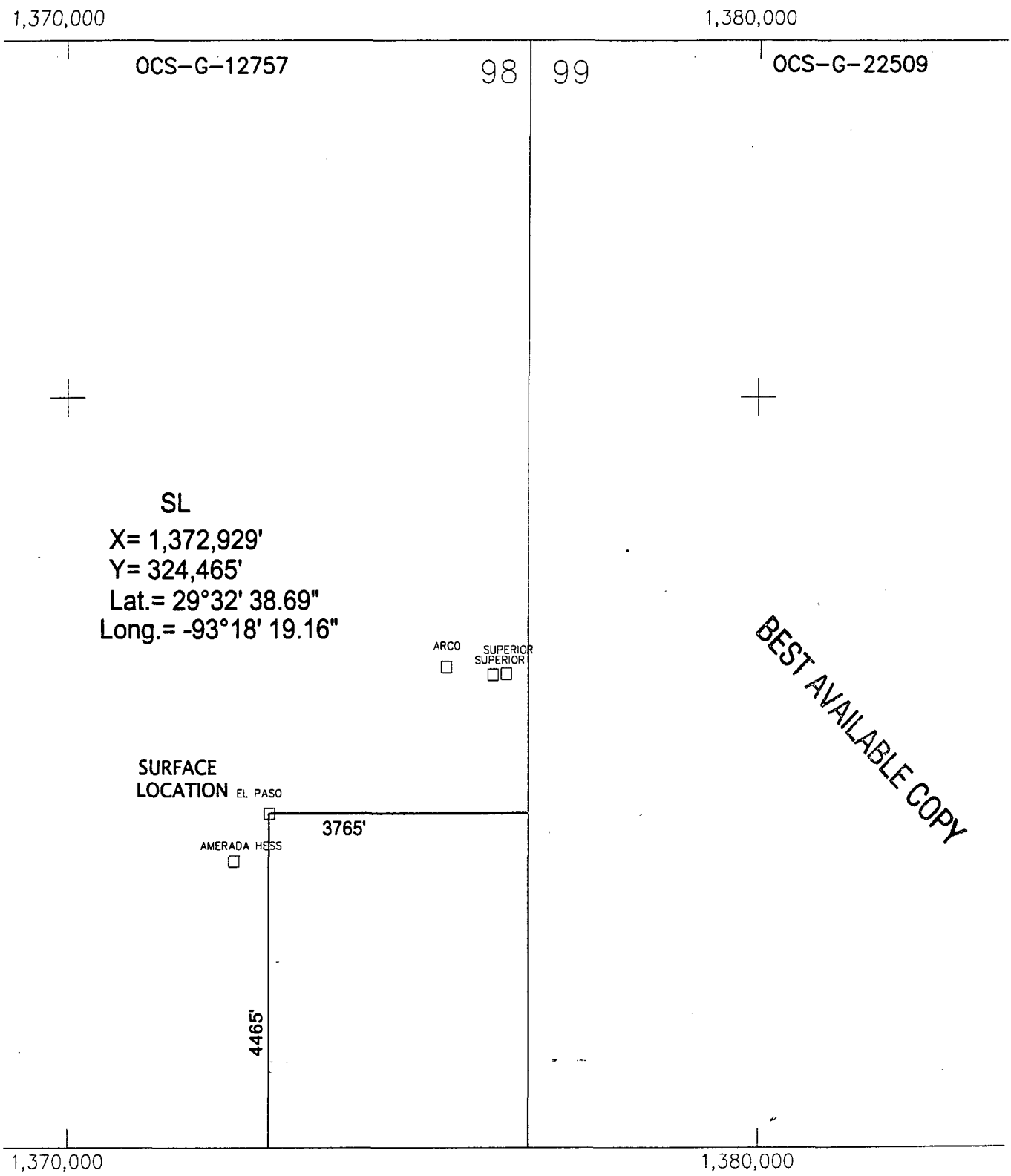
Include one copy of this page for each proposed well/structure

Proposed Well/Structure Location					
Well or Structure Name/Number (If renaming well or structure, reference previous name): Platform A-Aux				Subsea Completion	
Anchor Radius (if applicable) in feet:				Yes	X No
	Surface Location			**Bottom-Hole Location (For Wells)**	
Lease No.	OCS-G 12757				
Area Name	West Cameron				
Block No.	98				
Blockline Departures (in feet)	N/S Departure	4465	FSL	N/S Departure:	
	E/W Departure	3765	FEL	E/S Departure:	
Lamber X-Y coordinates	X: 1,365,710'			X:	
	Y: 330,293'			Y:	
Latitude / Longitude	Latitude: 29°33'35.14"			Latitude:	
	Longitude: 93°19'42.56"			Longitude:	
	TVD (Feet):16630'		MD (Feet):		Water Depth (Feet):

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=	

Paperwork Reduction Act of 1995 Statement: 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.



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PROJECTION PARAMETERS
MAP PROJECTION : LAMBERT, LOUISIANA - SOUTH
SPHERIOD: CLARKE 1866
CENTRAL MERIDIAN: 91 20'W
X ORIGIN = 2,000,000 FT. AT C.M.
Y ORIGIN = 0 FT. AT 28 40' N LATITUDE

ORIGINAL SCALE : 1" = 2,000'

0 2,000 4,000

elpaso Production

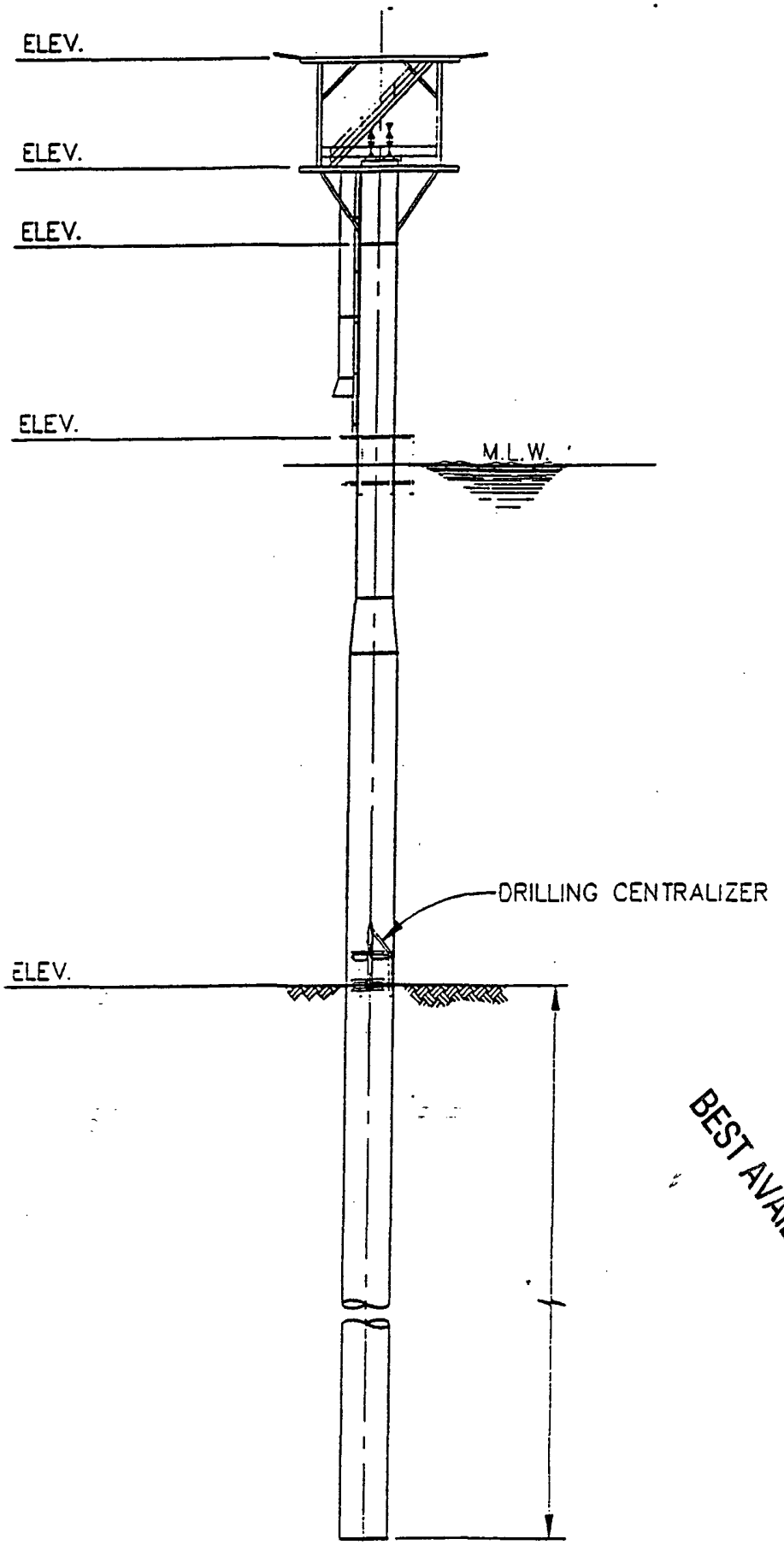
OFFSHORE TEXAS
WEST CAMERON 99

PERMIT TO DRILL PLAT
OCS-G-22509 WELL #A-4

Date: 09/29/03 wc98-a4pub

ATTACHMENT A-2

TYPICAL WELL PROTECTOR CAISSON



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B. GENERAL INFORMATION

CONTACT

Inquiries may be made to the following authorized representative:

Melissa Logan
El Paso Production GOM Inc.
Nine Greenway Plaza, Suite 2568
Houston, Texas 77046
Office: (832) 676-5038 Fax: (832) 676-1760
e-mail address: melissa.logan@elpaso.com

PROJECT NAME

El Paso GOM does not commonly refer to project names for their projects.

NEW OR UNUSUAL TECHNOLOGY

El Paso GOM does not propose utilizing any new or unusual technology during the proposed drilling and potential completion operations.

BONDING INFORMATION

In accordance with regulations contained in Title 30 CFR Part 256 and further clarified by that certain Notice to Lessees (NTL 2000-G16) pertaining to general lease surety bonds, El Paso Production GOM Inc. has on file with the Minerals Management Service a $3,000,000 Areawide Development Bond.

Additionally, NTL 98-18N addresses how MMS may require additional security(s) in the form of a supplemental bond or bonds when the cost to meet all potential present and future lease obligations exceeds the amount of the general bond unless one of the current lessee(s) can demonstrate the financial capability to meet these obligations. MMS has deemed El Paso GOM exempt from the requirements of supplemental bonding.

ONSHORE SUPPORT BASE AND SUPPORT VESSELS

West Cameron Block 98 is located approximately 15 miles from the nearest Louisiana shoreline and approximately 18 miles from the onshore support base located in Cameron, Louisiana. A Vicinity Plat showing the location of West Cameron Block 98 relative to the shoreline and onshore base is included as ***Attachment B-1.***

El Paso GOM will utilize onshore facilities located in Cameron, Louisiana, which will serve as a port of debarkation for supplies and crews. No onshore expansion or construction is anticipated with respect to the proposed activities.

This base is capable of providing the services necessary for the proposed activities. It has 24-hour service, a radio tower with a phone patch, dock space, equipment, and supply storage base, drinking and drill water, etc. The base will also serve as a loading point for tools, equipment and machinery to be delivered to the MODU, crew change and transportation base, and temporary storage for materials and equipment The facilities typically include outdoor storage, forklift and crane service, dock, trailer facilities, and parking, as well as 24-hour service, a radio tower with a phone patch.

Support vessels and travel frequency during drilling and potential completion and testing activities are as follows:

Support Vessel	*Drilling and Completion Trips Per Week*	*Production Trip Per Week*
Crew Boat	3	2
Supply Boat	5	0
Helicopter	As Needed	As Needed

Personal vehicles will be the main means of transportation to carry rig personnel from various locations to the Cameron Area. They will then be transported to the MODU by the crew boat. A helicopter will be used to transport small supplies, and on occasion, personnel. The most practical, direct route permitted by the weather and traffic conditions will be utilized.

LEASE STIPULATIONS

Oil and gas exploration activities on the OCS are subject to stipulations developed before the lease sale and would be attached to the lease instrument, as necessary, in the form of mitigating measures. The MMS is responsible for ensuring full compliance with stipulations.

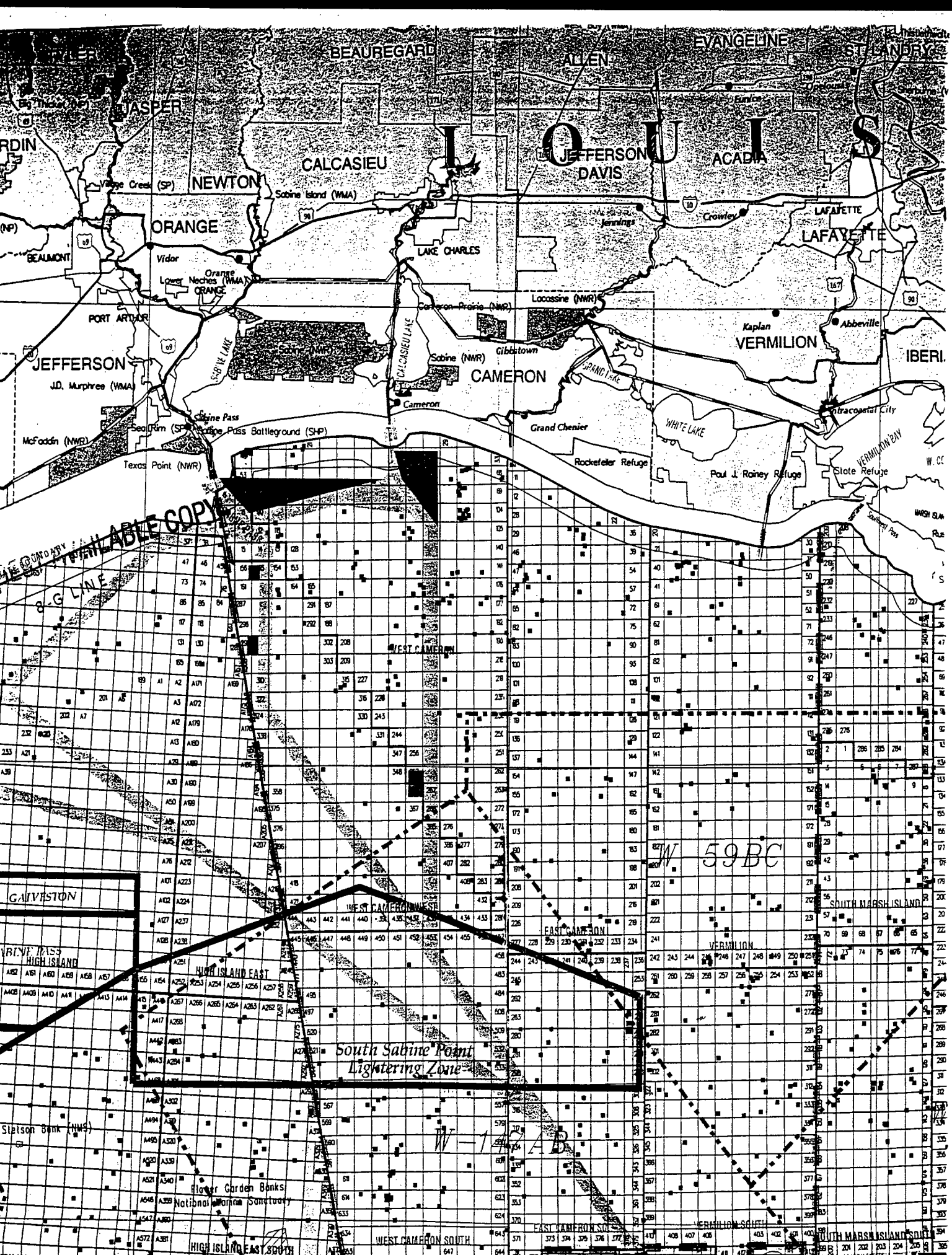
The marine protected species stipulation has been applied to mitigate the potential taking of marine protected species (sea turtles, marine mammals, Gulf sturgeon, and other listed marine species). Marine trash and debris pose a threat to fish, marine mammals, sea turtles, and other marine animals; cause costly delays and repairs for commercial and recreational boating interests; detract from the aesthetic quality of recreational shore fronts; and increase the cost of beach and park maintenance. Therefore, in accordance with the requirements of the referenced stipulation, El Paso GOM will exercise special caution when handling and disposing of small items and packaging materials that can be lost in the marine environment and washed ashore. Placards will be posted in prominent places on all fixed and floating production facilities that have sleeping or food preparation capabilities and on mobile drilling units engaged in oil and gas operations. Vessel operators and crews will maintain a vigilant watch for marine protected species and slow down or stop their vessel to avoid striking protected species. Sightings of any injured or dead protected species will immediately be reported to the proper authority.

RELATED OCS FACILITIES AND OPERATIONS

El Paso GOM's existing 6-inch bulk gas lease term pipeline originates at Platform A, West Cameron Block 98 and terminates at a 16" SSTI at West Cameron Block 98. The subject pipeline is estimated to be 1008' and will have a maximum flowrate to 40 MMCFD.

TRANSPORTATION INFORMATION

Produced hydrocarbons from Lease OCS-G 12757, West Cameron Block 98, Platform A will flow full well stream via an existing 6-inch lease term pipeline to West Cameron Block 98, 16" SSTI.



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WEST CAMERON BLOCK 99

ATTACHMENT B-1

VICINITY PLAT

EL PASO PRODUCTION GOM, INC.

C. GEOLOGICAL, GEOPHYSICAL and H_2S INFORMATION

STRUCTURE CONTOUR MAPS

Current structure map at a scale of 1"-2000' drawn to the top of the prospective hydrocarbon accumulation showing the entire lease with surface and bottomhole locations of the subject well is included in this section as ***Attachment C-1.***

INTERPRETED 2-D AND/OR 3-D SEISMIC LINES

The proposed operations will be conducted from a previously approved surface location as provided for in the Development Operations Coordination Document (Control No. S-3952); therefore, no shallow hazards and/or deep seismic lines are required for the proposed activity.

GEOLOGICAL STRUCTURE CROSS-SECTIONS

Interpreted geological cross sections depicting the proposed well location and the geologic name and age of the anticipated structures is included as ***Attachment C-2.***

SHALLOW HAZARDS REPORT

A shallow hazard survey was conducted across West Cameron Block 98 on behalf of El Paso GOM. The purpose of the survey was to evaluate geologic conditions and inspect for potential hazards or constraints to lease development.

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

SHALLOW HAZARDS ASSESSMENT

The proposed operations will be conducted from an existing surface location under a previously approved Development Operation Coordination Document (Control No. S-3952); therefore a shallow hazards assessment is not required.

HIGH-RESOLUTION SEISMIC LINES

The proposed operations will be conducted from a previously approved surface location as provided for in the Development Operations Coordination Document (Control No. S-3952); therefore, no shallow hazards and/or deep seismic lines are required for the proposed activity.

STRATIGRAPHIC COLUMN

A generalized biostratigraphic/lithostratigraphic column from the seafloor to the total depth of the proposed wells is included as ***Attachment C-3.***

D. BIOLOGICAL INFORMATION

CHEMOSYNTHETIC INFORMATION

The seafloor disturbing activities proposed in the Plan are in water depths less than 400 meters (1312 feet); therefore, this section of the plan is not applicable.

TOPOGRAPHIC FEATURES INFORMATION

The topographic features stipulation minimizes the likelihood of damage to the biota of the designated banks from routine OCS oil and gas activities. The topographic features provide habitat for coral reef community organisms. Through consultation and coordination between various Federal, State and local agencies, many such activities and their associated impacts are minimized by establishing "no activity" zone, "1000 meter zone", "1-mile zone" and "3-mile zone".

The activities proposed in this plan are not affected by a topographic feature.

LIVE BOTTOM (PINNACLE TREND) INFORMATION

The proposed bottom-disturbing activities, including anchors or cables from a semi-submersible drilling rig, are not located within 100 feet of any pinnacle trend feature with vertical relief equal to or greater than 8 feet.

REMOTELY OPERATED VEHICLE (ROV) SURVEYS

The seafloor disturbing activities proposed in the Plan are in water depths less than 400 meters (1312 feet); therefore, this section of the plan is not applicable.

E. WASTES AND DISCHARGES

Discharges

Type of Waste Approximate Composition	*Amount to be Discharges (volume or rate)*	*Maximum Discharge Rate*	*Treatment and/or Storage Location and Discharge Method*
Water-based drilling fluids	7800 bbls/well	200 bbls/hr	WC98, Shunt through downpipe to 40 feet AML
Drill cuttings associated with water-based fluids	2000 bbls/well	1000 bbls/hr	WC98, Shunt through downpipe to 40 feet AML
Drill cuttings associated with synthetic drilling fluids	3000 bbls/well	1000/bbls/well	WC98, Shunt through downpipe to 40 feet AML
Muds, cuttings and cement at the seafloor	Gel – 5000 bbls WBM – 8000 bbls Cuttings – 20,000 bbls Seawater and caustic – 4800 bbls	NA	WC98, Discharged at seafloor
Produced water	2000 bbls/day	400 bbls/hr	WC98, chlorinate and discharge
Sanitary wastes	20 gals/person/day	NA	WC98, Remove floating solids and discharge
Domestic waste	30 gals/person/day	NA	WC98, Remove oil and grease and discharge
Deck drainage	0-4000 bbls/day (Dependant upon rainfall)	15 bbls/hr (maximum separtor discharge)	WC98, Discharge used fluids overboard, return excess to shore for credit
Well treatment, workover or completion fluids	Workover – 300 bbls/well Treatment – 250 bbls/well Completion – 300 bbls/well	200 bbls/well/every 4 years	WC98, Discharged overboard
Uncontaminated fresh or seawater	37,000 bbls (drilling)	NA	WC98, Discharged overboard
Desalinization unit water	700 bbls/day	NA	WC98, Discharged overboard
Uncontaminated bilge water	2000 bbls	260 m^3/hr	WC98, Discharged overboard
Uncontaminated ballast water	20,000 bbls	2600 m^3/hr	WC98, Discharged overboard
Misc. discharges to which treatment chemicals have been added	100 bbls/day	10 bbls/hr	WC98, Discharged overboard
Miscellaneous discharges (permitted under NPDES) (Excess cement with cementing chemicals)	100 bbls	NA	WC98, Discharged at seafloor without treatment

Disposed Wastes

Type of Waste Approximate Composition	*Amount*	*Rate per Day*	*Name/Location of Disposal Facility*	*Treatment and/or Storage, Transport and Disposal Method*
Spent oil-based drilling fluids and cuttings	1000 bbls/well	200 bbls/day	Newpark, Cameron Louisiana	Transport to shore in barge tanks to a land farm
Spent synthetic-based drilling fluids and cuttings	1000 bbls/well	200 bbls/day	Newpark, Cameron, Louisiana	Transport to shorebase in cuttings boxes on crewboat thein inject downhole at offshore waste disposal facility
Oil-contaminated produced sand	200 lbs/yr	0.6 bbls/day	Newpark, Cameron, Lousiana	Store in a cuttings box and transport to a land farm
Waste oil	250,000 bbls/yr	0.5 bbls/day	Newpark, Cameron, Louisiana	Pack in drums and transport to an onshore incineration site
Produced water		1000 bbls/day	WC98	Transport by vessel and inject at WC98A
Produced water	250,000 bbls/yr	1000 bbls/day	Newpark, Cameron, Louisiana	Pipe to a well on-lease, inject downhole
Norm – contaminated wastes	1 ton	NA	Newpark, Cameron Louisiana	Transport to a transfer station via dedicated barge
Trash and debris	1000 ft^3	3 ft^3 /day	WC98	Transport in storage bins on crew boat to a inadfill
Chemical product wastes	50 bbls/yr	2 bbls/day	Newpark, Cameron, Louisiana	Transport by pipeline and inject downhole; add to produced water stream
Chemical product wastes	100 bbls	2 bbals/day	Newpark, Cameron, Louisiana	Transport in barrels on crew boat to shore location
Workover fluids	150 bbls	2 bbls/day	Newpark, Cameron, Louisiana	Transport in barrels on crewboat or barge

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F. OIL SPILL RESPONSE AND CHEMICAL

El Paso Production GOM Inc., El Paso Production Oil & Gas Company and El Paso Production Company are covered under El Paso Production Company, MMS #00236, in their Regional Oil Spill Response Plan (OSRP) approved on June 18, 2003. Activities proposed in this Supplemental Development Operations Coordination Document will be covered by the Regional OSRP.

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

In the event of a spill, mechanical response equipment located in CGA's bases located in Houma, Lake Charles and Galveston would be transported to a staging area in Houma, Louisiana.

The worst case discharge (WCD) proposed in this DOCD is less than 1000 barrels as outlined below in the comparison table:

Category	Regional OSRP WCD	EP WCD
Type of Activity [1]	Platform	Platform
Spill Location (Area/Block)	ST 204	WC98
Facility Designation [2]	Platform	Platform
Distance to Nearest Shoreline (miles)	42	15
Volume [3] Storage tanks (total) Flowlines (on facility Lease terms pipelines Uncontrolled blowout (volume per day) Total Volume	15000 bbls	0
Type of Oil(s) (crude, condensate, diesel)	Crude	NA/Dry Gas
API Gravity(s) [4]	39°	0

(1) Types of activities include pipeline, platform, caisson, subsea completion or manifold, and MODU.

(2) I.E., Well No. 2, Platform A, Segment No. 6373

(3) Take your regional OSRP WCD scenario volume from the appropriate section of your regional OSRP. For EP's, the WCD scenario volume is the daily volume possible from an uncontrolled blowout. Determine the volume using the provisions

of 30 CFR 254.47(b). For DOCD's, determine the volume of your WCD scenario using the provisions of 30 CFR 254.47(a) or (b), as appropriate.

(4) *Provide API gravity of all oils given unter 'Type of Oil(s) above. Estimate for EP's.*

Since El Paso GOM has the capability to respond to the WCD spill scenario included in its Regional OSRP approved on June 18, 2003 and since the WCD scenario determined for our DOCD does not replace the WCD scenario in our Regional OSRP, I hereby certify that El Paso has the capability to respond, to the maximum extent practicable, to a WCD resulting from the activities proposed in our DOCD.

NEPA and Coastal Zone Management Act (CZMA) Information

Facility tanks, production vessels that store oil

Type Storage Tank	Type of Facility	Tank Capacity (bbls)	Number of Tanks	Total Capacity (bbls)	Fluid Gravity (API)
Fuel Oil	Jack-up	250	2	500	No 2 Diesel

Diesel oil supply vessels

Size of Fuel Supply Vessel	Capacity of Fuel Supply Vessel	Frequency of Fuel Transfers	Route Fuel Supply Vessel Will Take
180 feet	1500 bbls	Weekly	From the shorebase in Cameron, La to then to WC 98

Support vessels fuel tanks

Type of Vessel	Number in Field Simultaneously	Estimated Maximum Fuel Tank Storage Capacity
Tug Boats*	3	3000
Supply vessels	2	500
Service vessels	1	500
Crew vessels	1	500
Produced Oil Transportation Vessels	NA	NA

* *Includes anchor-handling vessels, construction barges, lay barges, etc.*

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
Oil-based	500 bbls	Onshore disposal	1000 bbls	Onshore disposal
Synthetic-based	20,000 bbls	Recycle	18,000 bbls	Discharge

Blowout scenario (sample go-by)

Well No. A-4 is anticipated to be a dry gas well; therefore it will not have the potential for a WCD blowout.

Spill response sites

Primary Response Equipment Location	Preplanned Staging Location(s)
Houma, LA	Fourchon, LA Grand Isle, LA

Spill response discussion for NEPA analysis

Should a WCD spill scenario occur from the subject location, El Paso GOM's Qualified Individual (QI) will notify The O'Brien's Group who will call together the Incident Command Team. The Incident Command Post is located in the O'Brien's Group's office in Slidell, Louisiana. The IC would relay the actual conditions to determine the trajectory of the spill and the probability of impacting a land segment. A slick from a WCD of diesel should dissipate rapidly. An overflight will be conducted to determine the extent of the spill and how quickly it is dissipating. Mechanical recovery (skimmers) may include a fast response unit. If an offshore response in necessary, dispersants, if approved by the USCG, would be applied with Airborne Support Inc.'s (ASI) dc-4. The dispersant oil ration (DOR) is 1:20, therefore, the DC-4 would be loaded with 2000 gallons, which should disperse approximately 1000 bbls of diesel. ASI would supply the spotter aircraft and spotter personnel. If surveillance indicated a threat of shoreline impact, shoreline boom, sorbent boom and/or 18" boom would be deployed.

Pollution prevention measures

Safety features on the MODU will include well control, pollution prevention, welding procedure, and blowout prevention equipment as described in Title 30 CFR Part 250, Subparts C, D, E, G and O; 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. The appropriate life rafts, life

jackets, ring buoys, etc., as prescribed by the U. S. Coast Guard will be maintained on the facility at all times.

FGBNMS Monitoring Plans

The operations proposed in this Plan will not affect the FGBNMS.

G. AIR EMISSIONS

AIR EMISSIONS INFORMATION

Offshore air emissions related to the proposed activities result mainly from the drilling rig operations, helicopters and service vessels. These emissions occur mainly from combustion or burning of fuels and natural gas and from venting or evaporation of hydrocarbons. The combustion of fuels occurs primarily on diesel-powered generators, pumps or motors and from lighter fuel motors. Other air emissions can result from catastrophic events such as oil spills or blowouts.

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

Included as ***Attachment G-1*** is the Projected Air Quality Emissions Report prepared in accordance with Appendix H of that certain Notice to Lessees (No. 2000-G21) addressing drilling, and potential completion and testing operations.

Type of Rig	Max HP
Drillship	61,800
DP Semisubmersible	61,200
Semisubmersible	26,400
Submersible	6,064
Jack-up	16,975
Platform/Barge	6,635

DOCD AIR QUALITY SCREENING CHECKLIST

OMB Control No. xxxx-xxxx
Expiration Date: Pending

COMPANY	EL PASO PRODUCTION GOM INC.
AREA	WEST CAMERON
BLOCK	99
LEASE	OCS-G 22509
PLATFORM	A-AUX
WELL	A-4
COMPANY CONTACT	MELISSA LOGAN
TELEPHONE NO.	(832) 676-5038
REMARK: TOTAL COMPLEX	THE DOCD PROVIDES FOR THE DRILLING, COMPLETION AND TESTING OF WELL NO. A-4, INSTALLATION OF A-AUX AND COMMENECEMENT OF PRODUCTION

"Yes"	"No"	**Air Quality Screening Questions**
	X	1. Is the concentration of H_2S expected greater than 20 ppm?
	X	2. Is the burning of produced liquids proposed?
	X	3. Is gas flaring or venting which would require Regional Supervisor of Production and Development approval under Subpart K proposed?
	X	4. Does the facility process production from 8 or more active wells?
	X	5. Is the facility within 200km of the Breton Area?
X		6. Will the proposed activity be collocated at (same surface location), or bridge attached to, a previously approved facility?
X		7. Is the proposed activity within 25 miles of shore?
	X	8. Are semi-submersible activities involved and is the facility within 75 miles of shore?
	X	9. Are drillship operations involved and is the facility within 145 miles of shore?

If ALL questions are answered "No":
Fill in the information below about your lease term pipelines and submit only this coversheet with your plan.

If ANY question is answered "Yes":
Prepare and submit a full set of spreadsheets with your plan.

LEASE TERM PIPELINE CONSTRUCTION INFORMATION:

YEAR	NUMBER OF PIPELINES	TOTAL NUMBER OF CONSTRUCTION DAYS
1999		
2000		
2001		
2002		
2003		NA
2004		NA
2005		
2006		
2007		
2008		
2009		

AIR EMISSION CUMPUTATION FACTORS

OMB Control No. xxxx-xxxx
Expiration Date: Pending

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/mmscf	7.6	0.593	100	5.5	84	P42 1.4-1, 14-2, & 14	7/98
NG Flares	lbs/mmscf		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/mmscf				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

OMB Control No. xxxx-xxxx
Expiration Date: Pending

COMPANY	AREA	BLOCK	LEASE	PLATFORM	WELL		CONTACT	PHONE	REMARKS
EL PASO PRODUCTION	WEST CAMERON	99	OCS-G 22509	A-AUX	A-4		MELISSA LOGAN	(832) 676-5038	#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	16975	131.25	3150.00	24	62	11.96	54.89	411.29	12.34	89.74	8.90	40.84	306.00	9.18	66.76
	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
	CRANE <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
	CRANE <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)	2065	99.7395	2393.75	6	26	1.46	6.68	50.03	1.50	10.92	0.11	0.52	3.90	0.12	0.85
	VESSELS>600hp diesel(supply)	2065	99.7395	2393.75	10	44	1.46	6.68	50.03	1.50	10.92	0.32	1.47	11.01	0.33	2.40
	VESSELS>600hp diesel(tugs)	12600	608.58	14605.92	12	1	8.88	40.74	305.29	9.16	66.61	0.05	0.24	1.83	0.05	0.40
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	3000	144.9	3477.60	24	5	2.11	9.70	72.69	2.18	15.86	0.13	0.58	4.36	0.13	0.95
	MATERIAL TUG diesel	3000	144.9	3477.60	24	5	2.11	9.70	72.69	2.18	15.86	0.13	0.58	4.36	0.13	0.95
	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-CRANE	140	6.762	162.29	6	31	0.31	0.45	4.32	0.35	0.93	0.03	0.04	0.40	0.03	0.09
	RECIP.<600hp diesel	100	4.83	115.92	24	365	0.22	0.32	3.08	0.25	0.67	0.96	1.42	13.51	1.08	2.92
WC98 P/F A-AUX	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	2065	99.7395	2393.75	10	104	1.46	6.68	50.03	1.50	10.92	0.76	3.47	26.02	0.78	5.68
	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
	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
	RECIP.4 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
	RECIP.4 cycle rich nat gas	0	0	0.00	0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	BURNER nat gas	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MISC.	BPD	SCF/HR	COUNT												
	TANK-	0			0	0				0.00					0.00	
	FLARE-		0		0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	PROCESS VENT-		0		0	0				0.00					0.00	
	FUGITIVES-			300.0		365				0.15					0.66	
	GLYCOL STILL VENT-		0		0	0				0.00					0.00	
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
2003	YEAR TOTAL						29.97	135.84	1019.45	31.10	222.41	11.39	49.17	371.39	12.49	81.01

AIR EMISSIONS CALCULATIONS - SECOND YEAR

OMB Control No. xxxx-xxxx
Expiration Date: Pending

COMPANY	AREA	BLOCK	LEASE	PLATFORM	WELL		CONTACT	PHONE	REMARKS
EL PASO PRODUCTION	WEST CAMERON	99	OCS-G 22509	A-AUX	A-4		MELISSA LOGAN	(832) 676-5038	#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	16975	131.25	3150.00	24	29	11.96	54.89	411.29	12.34	89.74	4.16	19.10	143.13	4.29	31.23
	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
	CRANE <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
	CRANE <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)	2065	99.7395	2393.75	6	12	1.46	6.68	50.03	1.50	10.92	0.05	0.24	1.80	0.05	0.39
	VESSELS>600hp diesel(supply)	2065	99.7395	2393.75	10	20	1.46	6.68	50.03	1.50	10.92	0.15	0.67	5.00	0.15	1.09
	VESSELS>600hp diesel(tugs)	12600	608.58	14605.92	12	1	8.88	40.74	305.29	9.16	66.61	0.05	0.24	1.83	0.05	0.40
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-CRANE	140	6.762	162.29	6	31	0.31	0.45	4.32	0.35	0.93	0.03	0.04	0.40	0.03	0.09
	RECIP.<600hp diesel	100	4.83	115.92	24	365	0.22	0.32	3.08	0.25	0.67	0.96	1.42	13.51	1.08	2.92
WC98 P/F A-AUX	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	2065	99.7395	2393.75	10	104	1.46	6.68	50.03	1.50	10.92	0.76	3.47	26.02	0.78	5.68
	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
	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
	RECIP.4 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
	RECIP.4 cycle rich nat gas	0	0	0.00	0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	BURNER nat gas	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MISC.	BPD	SCF/HR	COUNT												
	TANK-	0			0	0				0.00					0.00	
	FLARE-		0		0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	PROCESS VENT-		0		0	0				0.00					0.00	
	FUGITIVES-			300.0		365				0.15					0.66	
	GLYCOL STILL VENT-		0		0	0				0.00					0.00	
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
2004	YEAR TOTAL						25.74	116.44	874.07	26.74	190.69	6.17	25.18	191.69	7.10	41.80
EXEMPTION CALCULATION	DISTANCE FROM LAND IN MILES											499.50	499.50	499.50	499.50	20679.49
	15															

OMB Control No. xxxx-xxxx
Expiration Date: Pending

COMPANY	AREA	BLOCK	LEASE	PLATFORM	WELL		CONTACT	PHONE	REMARKS
EL PASO PRODUCTION	WEST CAMERON	99	OCS-G 22509	A-AUX	A-4		MELISSA LOGAN	(832) 676-5038	#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-CRANE	140	6.762	162.29	6	31	0.31	0.45	4.32	0.35	0.93	0.03	0.04	0.40	0.03	0.09
	RECIP.>600hp diesel	100	4.83	115.92	24	365	0.07	0.32	2.42	0.07	0.53	0.31	1.42	10.61	0.32	2.32
WC98 P/F A-AUX	SUPPORT VESSEL diesel	2065	99.7395	2393.75	10	104	1.46	6.68	50.03	1.50	10.92	0.76	3.47	26.02	0.78	5.68
	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
	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
	RECIP.4 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
	RECIP.4 cycle rich nat gas	0	0	0.00	0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	BURNER nat gas	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MISC.	BPD	SCF/HR	COUNT												
	TANK-	0			0	0				0.00					0.00	
	FLARE-		0		0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	PROCESS VENT-		0		0	0				0.00					0.00	
	FUGITIVES-			3000.0		365				1.50					6.57	
	GLYCOL STILL VENT-		0		0	0				0.00					0.00	
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
2005-2012	YEAR TOTAL						1.83	7.45	56.77	3.42	12.38	1.09	4.93	37.03	7.70	8.08
EXEMPTION CALCULATION	DISTANCE FROM LAND IN MILES											499.50	499.50	499.50	499.50	20679.49
	15.0															

AIR EMISSION CALCULATIONS

OMB Control No. xxxx-xxxx
Expiration Date: Pending

COMPANY	AREA	BLOCK	LEASE	PLATFORM	WELL
EL PASO PROD	WEST CAMERON	99	OCS-G 22509	A-AUX	A-4

Year	Emitted Substance				
	PM	SOx	NOx	VOC	CO
2003	11.39	49.17	371.39	12.49	81.01
2004	6.17	25.18	191.69	7.10	41.80
2005-2012	1.09	4.93	37.03	7.70	8.08
Allowable	499.50	499.50	499.50	499.50	20679.49

DOCD AIR QUALITY SCREENING CHECKLIST

OMB Control No. xxxx-xxxx
Expiration Date: Pending

COMPANY	EL PASO PRODUCTION GOM INC.
AREA	WEST CAMERON
BLOCK	99
LEASE	OCS-G 22509
PLATFORM	A-AUX
WELL	A-4
COMPANY CONTACT	MELISSA LOGAN
TELEPHONE NO.	(832) 676-5038
REMARKS	THE DOCD PROVIDES FOR THE DRILLING, COMPLETION AND TESTING OF WELL NO. A-4, INSTALLATION OF A-AUX AND COMMENECEMENT OF PRODUCTION

"Yes"	"No"	Air Quality Screening Questions
	X	1. Is the concentration of H_2S expected greater than 20 ppm?
	X	2. Is the burning of produced liquids proposed?
	X	3. Is gas flaring or venting which would require Regional Supervisor of Production and Development approval under Subpart K proposed?
	X	4. Does the facility process production from 8 or more active wells?
	X	5. Is the facility within 200km of the Breton Area?
X		6. Will the proposed activity be collocated at (same surface location), or bridge attached to, a previously approved facility?
X		7. Is the proposed activity within 25 miles of shore?
	X	8. Are semi-submersible activities involved and is the facility within 75 miles of shore?
	X	9. Are drillship operations involved and is the facility within 145 miles of shore?

If ALL questions are answered "No":
Fill in the information below about your lease term pipelines and submit only this coversheet with your plan.

If ANY question is answered "Yes":
Prepare and submit a full set of spreadsheets with your plan.

LEASE TERM PIPELINE CONSTRUCTION INFORMATION:

YEAR	NUMBER OF PIPELINES	TOTAL NUMBER OF CONSTRUCTION DAYS
1999		
2000		
2001		
2002		
2003		NA
2004		NA
2005		
2006		
2007		
2008		
2009		

AIR EMISSION CUMPUTATION FACTORS

OMB Control No. xxxx-xxxx
Expiration Date: Pending

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/mmscf	7.6	0.593	100	5.5	84	F42 1.4-1, 14-2, & 14	7/98
NG Flares	lbs/mmscf		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/mmscf				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

AIR EMISSION CALCULATIONS - FIRST YEAR

OMB Control No. xxxx-xxxx
Expiration Date: Pending

COMPANY	AREA	BLOCK	LEASE	PLATFORM	WELL		CONTACT	PHONE	REMARKS							
EL PASO PRODUCTION	WEST CAMERON	99	OCS-G 22509	A-AUX	A-4		MELISSA LOGAN	(832) 676-5038	#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	16975	131.25	3150.00	24	62	11.96	54.89	411.29	12.34	89.74	8.90	40.84	306.00	9.18	66.76
	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
Glomar Main Pass IV	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
	CRANE <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
	CRANE <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)	2065	99.7395	2393.75	6	26	1.46	6.68	50.03	1.50	10.92	0.11	0.52	3.90	0.12	0.85
	VESSELS>600hp diesel(supply)	2065	99.7395	2393.75	10	44	1.46	6.68	50.03	1.50	10.92	0.32	1.47	11.01	0.33	2.40
	VESSELS>600hp diesel(tugs)	12600	608.58	14605.92	12	1	8.88	40.74	305.29	9.16	66.61	0.05	0.24	1.83	0.05	0.40
PIPELINE	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
INSTALLATION	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	DERRICK BARGE diesel	3000	144.9	3477.60	24	5	2.11	9.70	72.69	2.18	15.86	0.13	0.58	4.36	0.13	0.95
INSTALLATION	MATERIAL TUG diesel	3000	144.9	3477.60	24	5	2.11	9.70	72.69	2.18	15.86	0.13	0.58	4.36	0.13	0.95
	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	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
	STANDBY GENERATOR<600hp d	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.>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	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
	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
	RECIP.4 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
	RECIP.4 cycle rich nat gas	0	0	0.00	0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	BURNER nat gas	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MISC.	BPD	SCF/HR	COUNT												
	TANK-	0			0	0				0.00					0.00	
	FLARE-		0		0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	PROCESS VENT-		0		0	0				0.00					0.00	
	FUGITIVES-			0.0		0				0.00					0.00	
	GLYCOL STILL VENT-		0		0	0				0.00					0.00	
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
2003 YEAR TOTAL							27.99	128.39	962.02	28.86	209.89	9.64	44.24	331.46	9.94	72.32

COMPANY	AREA	BLOCK	LEASE	PLATFORM	WELL	CONTACT	PHONE	REMARKS
EL PASO PRODUCTION	WEST CAMERON	99	OCS-G 22509	A-AUX	A-4	MELISSA LOGAN	(832) 676-5038	#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	16975	131.25	3150.00	24	29	11.96	54.89	411.29	12.34	89.74	4.16	19.10	143.13	4.29	31.23
	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
	CRANE <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
	CRANE <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)	2065	99.7395	2393.75	6	12	1.46	6.68	50.03	1.50	10.92	0.05	0.24	1.80	0.05	0.39
	VESSELS>600hp diesel(supply)	2065	99.7395	2393.75	10	20	1.46	6.68	50.03	1.50	10.92	0.15	0.67	5.00	0.15	1.09
	VESSELS>600hp diesel(tugs)	12600	608.58	14605.92	12	1	8.88	40.74	305.29	9.16	66.61	0.05	0.24	1.83	0.05	0.40
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	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
	STANDBY GENERATOR<600hp d	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.>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	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
	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
	RECIP.4 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
	RECIP.4 cycle rich nat gas	0	0	0.00	0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	BURNER nat gas	0	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MISC.	BPD	SCF/HR	COUNT												
	TANK-	0			0	0				0.00					0.00	
	FLARE-		0		0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	PROCESS VENT-		0		0	0				0.00					0.00	
	FUGITIVES-			0.0		0				0.00					0.00	
	GLYCOL STILL VENT-		0		0	0				0.00					0.00	
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
2004	YEAR TOTAL						23.76	108.98	816.64	24.50	178.18	4.41	20.25	151.76	4.55	33.11
EXEMPTION CALCULATION	DISTANCE FROM LAND IN MILES											499.50	499.50	499.50	499.50	20679.49
	15															

AIR EMISSION CALCULATIONS

OMB Control No. xxxx-xxxx
Expiration Date: Pending

COMPANY	AREA	BLOCK	LEASE	PLATFORM	WELL
EL PASO PROD	WEST CAMERON	99	OCS-G 22509	A-AUX	A-4

Year	Emitted Substance				
	PM	SOx	NOx	VOC	CO
2003	4.41	20.25	151.76	4.55	33.11
2004	5.50	11.71	157.61	9.64	29.58
Allowable	9.64	44.24	331.46	9.94	72.32

BEST AVAILABLE COPY

H. ENVIRONMENTAL IMPACT ANALYSIS (EIA)

ENVIRONMENTAL REPORT

(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 at 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)			X			
Prehistoric archaeological sites			X			
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.*

9. *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.

It is unlikely that as 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 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.

It is unlikely tan 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 aperdiodic 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, exological 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 thee 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 in not exceeded.

Shipwreck Sites (known or potential)

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

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 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 come 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 H_2S 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 H_2S 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 (15 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 (15 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 (15 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 (15 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 (15 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 submitted in April, 1996 (Control No. S-3952)
MMS EIS – Lease Sale 178
NPDES Permit GMG290000
Air Quality Review (See Attachment G-1 in subject plan)
Oil Spill Response Plan (approved by MMS on July 18, 2003)

COASTAL ZONE CONSISTENCY

COASTAL ZONE CONSISTENCY CERTIFICATION

Issues identified in the Louisiana Coastal Zone Management Program include the following: general coastal use guidelines, levees, linear facilities (pipelines); dredged soil deposition; shoreline modifications, surface alterations, hydrologic and sediment transport modifications; waste disposal; uses that result in the alteration of waters draining into coastal waters; oil, gas or other mineral activities; and air and water quality.

A certificate of Coastal Zone Management Consistency for the State of Louisiana is enclosed as ***Attachment I.***

The following guidelines are applicable to the proposed operations:

Louisiana:

TOPIC	*GUIDELINE NO.*	*CROSS REFERENCE*
Air Quality	1.2	Section G
Water Quality	1.2	Section E
Permitting Authority	1.6	Sections D thru H
Adverse Effects	1.7	Section H
Multiple Use	1.9	Section B
Waste Storage, Treatment and Disposal Facilities	8.1	Section E
Hazardous Waste Storage, Treatment and Disposal	8.2	Section E
Approved Disposal Sites	8.8	Section E
Radioactive Waste	8.9	Section E
Siting of Exploration, Production Activities	10.3	Sections B and H
Access to Site	10.5	Section B
Best Practical Techniques for Drilling/Production Sites	10.6	Sections B and E
Drilling and Production Equipment Guidelines for Preventing Adverse Environmental Effects	10.10	Section A
Effective Environmental Protection and Emergency or Contingency Plans	10.11	Sections A and F

COASTAL ZONE MANAGEMENT

CONSISTENCY CERTIFICATION

INITIAL DEVELOPMENT OPERATIONS COORDINATION DOCUMENT

WEST CAMERON BLOCK 99

LEASE OCS-G 22509

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

El Paso Production GOM Inc.
Lessee or Operator

Melissa Fry
Certifying Official

September 30, 2003
Date

U.S. Department of the Interior OMB Control Number: 1010-0049
Minerals Management Service OMB Approval Expires: August 31, 2006

OCS PLAN INFORMATION FORM

General Information

Type of OCS Plan		Exploration Plan (EP)	X	Development Operations Coordination Document (DOCD)	
Company Name: El Paso Production GOM Inc.			MMS Operation Number: 01138		
Address:	9 Greenway Plaza, Suite 2568		Contact Person:	Melissa Logan	
	Houston, Texas 77046		Phone Number:	(832) 676-5038	
			E-Mail Address:	Melissa.logan@elpaso.com	

Lease(s): G-22509	Area: WC	Block(s): 99	Project Name (If Applicable):

Objective(s):		Oil	X	Gas		Sulphur		Salt	Onshore Base: Cameron, LA	Distance to Closes Land (Miles): 15	

Description of Proposed Activities (Mark all that apply)

	Exploration drilling	X	Development drilling
X	Well completion		Installation of production platform
	Well test flaring (for more than 48 hours)		Installation of production facilities
X	Installation of caisson or platform as well protection structure		Installation of satellite structure
	Installation of subsea wellheads and/or manifolds	X	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	X	No		
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?		Yes	X	No		
Have all of the surface locations of your proposed activities been previously reviewed and approved by MMS?	X	Yes		No		

Tentative Schedule of Proposed Activities

Proposed Activitiy	Start Date	End Date	No. of Days
			104

Description of Drilling Rig				Description of Production Platform			
X	Jackup		Drillship		Caisson		Tension Leg Platform
	Gorilla Jackup		Platform rig		Well protector		Compliant tower
	Semi-submersible		Submersible	X	Fixed Platform		Guyed tower
	DP Semi-submersible		Other (Attach description)		Subsea manifold		Floating production system
Drilling Rig Name (if known):					Spar		Other (Attach Description)

MMS Form MMS-137 (August 2003 – Supersedes all previous editions of form MMS-137, which may not be used.)

ATTACHMENT J

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): Platform A-Aux					Subsea Completion		
Anchor Radius (if applicable) in feet:						Yes	X	No
	Surface Location			**Bottom-Hole Location (For Wells)**			
Lease No.	OCS-G 12757						
Area Name	West Cameron						
Block No.	98						
Blockline Departures (in feet)	N/S Departure	4465	FSL	N/S Departure:			FSL
	E/W Departure	3765	FEL	E/S Departure:			FWL
Lamber X-Y coordinates	X: 1,365,710'			X:			
	Y: 330,293'			Y:			
Latitude / Longitude	Latitude: 29°33'35.14"			Latitude:			
	Longitude: 93°19'42.56"			Longitude:			
	TVD (Feet):16630'			MD (Feet):		Water Depth (Feet):	

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=	

Paperwork Reduction Act of 1995 Statement: 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.