

UNITED STATES GOVERNMENT
MEMORANDUM

October 24, 2002

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

Subject: Public Information copy of plan
Control # - S-06041
Type - Supplemental Development Operations Coordinations Document
Lease(s) - OCS-G13557 Block - 91 West Cameron Area
Operator - El Paso Production GOM Inc.
Description - Wells A-3 through A-5
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.


Robert Stringfellow
Plan Coordinator

Site Type/Name	Botm Lse/Area/Blk	Surface Location	Surf Lse/Area/Blk
WELL/A-3	G13557/WC/91	298 FSL, 5600 FWL	G13557/WC/91
WELL/A-4	G13557/WC/91	298 FSL, 5600 FWL	G13557/WC/91
WELL/A-5	G13557/WC/91	298 FSL, 5600 FWL	G13557/WC/91

noted for

October 18, 2002

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

CONTROL No. 56041
REVIEWER: Robert Stringfellow
PHONE: (504) 736-2437



RE: Supplemental Development Operations Coordination Document
Lease OCS-G 13557, West Cameron Block 91
OCS Federal Waters, Gulf of Mexico, Offshore, Louisiana

Gentlemen:

In accordance with the provisions of Title 30 CFR 250.204, El Paso Production GOM Inc. (El Paso GOM) hereby submits for your review and approval nine copies of a Supplemental Development Operations Coordination Document for Lease OCS-G 13557, West Cameron Block 91, Offshore, Louisiana. Five copies are "Proprietary Information" and four copies are "Public Information".

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

El Paso GOM anticipates activities will commence under this proposed Plan during January 1, 2003.

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

Sincerely,

A handwritten signature in cursive script that reads "Melissa Logan".

Melissa Logan
Sr. Regulatory Analyst

:ml
Enclosures

PUBLIC INFORMATION

EL PASO PRODUCTION GOM INC.

SUPPLEMENTAL DEVELOPMENT OPERATIONS COORDINATION DOCUMENT

LEASE OCS-G 13557

WEST CAMERON BLOCK 91

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 Information</i>
Appendix E	<i>Wastes and Discharge Information</i>
Appendix F	<i>Oil Spill Response and Chemical Information</i>
Appendix G	<i>Air Emissions Information</i>
Appendix H	<i>Environmental Report</i>
Appendix I	<i>CZM Consistency</i>
Appendix J	<i>Plan Information Form</i>

APPENDIX A - CONTENTS OF PLAN

LEASE DESCRIPTION/ACTIVITY

Lease OCS-G 13557, West Cameron Block 91 is currently maintained by ongoing production operations from Platform A.

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

OBJECTIVE/SCHEDULE

This Supplemental Development Operations Coordination Document provides for the drilling, completion and commencement of production of Well No.'s A-3 through A-5 from the target sands as detailed in Section C of this Plan.

The following schedule details the proposed drilling, completion and commencement of production as provided for in this Plan.

<i>Activity</i>	<i>Estimated Start Date</i>	<i>Estimated Completion Date</i>
Drill and Complete Well No. A-3	01/01/03	03/20/03
Commencement of Production of Well No. A-3	03/20/03	03/20/13
Drill and Complete Well No. A-4	03/20/03	06/08/03
Commencement of Production of Well No. A-4	06/08/03	06/08/13
Drill and Complete Well No. A-5	06/08/03	08/27/03
Commencement of Production of Well No. A-5	08/27/03	08/27/13

PLAN INFORMATION/LOCATIONS

Included in this section as *Attachment A-1* is the Plan Information Form prepared in accordance with Appendix J of that certain Notice to Lessees (NTL 2000-G10). Also included as *Attachments A-2 and A-3* are the appropriate well/platform location plats and bathymetry map.

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.

PRODUCTION FACILITIES

The subject wells will be protected by 1-deck well protector structure designated as Platform A. A schematic of the existing structure is included as *Attachment A-4*.

All hydrocarbon handling equipment installed for testing and production operations will be designed, installed and operated to prevent pollution from the existing structure El Paso GOM has installed minimal processing equipment on this structure.

Produced hydrocarbons from West Cameron Block 91 Platform A will be transported via a existing right-of-way gas pipeline to a 16" SSTI in West Cameron Block 117. No new near-shore 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 will be designed, installed and 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.

DESCRIPTION OF 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 wells 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 (PINIC) 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.

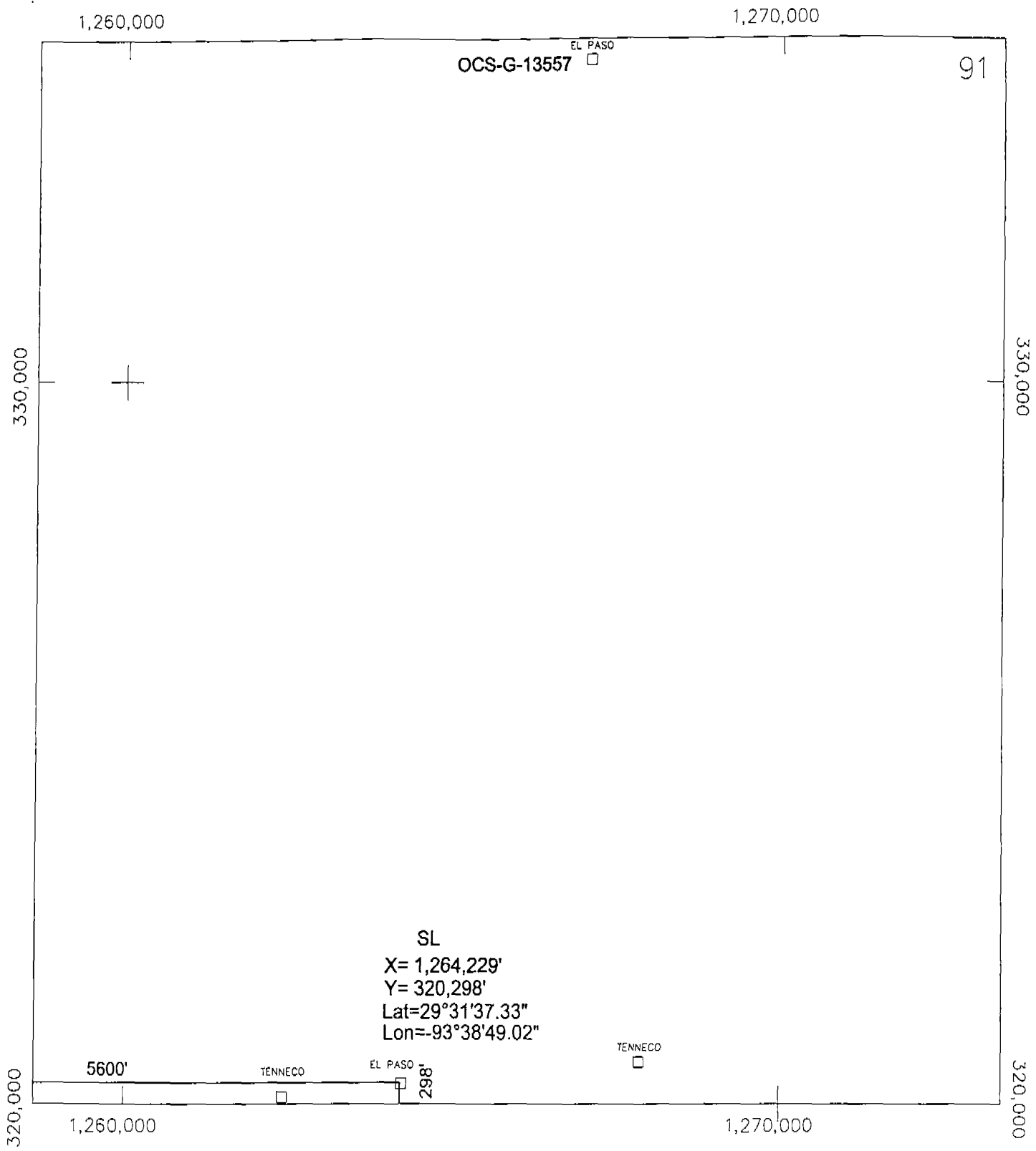
APPENDIX J

OCS PLAN INFORMATION FORM
(USE SEPARATE FORM FOR EACH LEASE)

EXPLORATION PLAN	DEVELOPMENT OPERATIONS COORDINATION DOCUMENT		X	DEVELOPMENT & PRODUCTION PLAN
OPERATOR:	EL PASO PRODUCTION GOM INC.		ADDRESS: Nine Greenway Plaza, Suite 2652	
MMS OPERATOR NO.:	01138		Houston, Texas 77046-0995	
CONTACT PERSON:	MELISSA LOGAN		PHONE NO. (832) 676-5038	
PROPOSED START DATE:	11/15/02	RIG TYPE:	Jack-up	DISTANCE TO CLOSEST LAND (IN MILES): 14
NEW OR UNUSUAL TECHNOLOGY	YES	NO	X	ONSHORE SUPPORT BASE(S): Cameron, Louisiana
NARRATIVE DESCRIPTION PROPOSED ACTIVITIES This proposed Supplemental DOCD provides for the drilling, completion and commencement of production of Well No.'s A-3 through A-5.				
PROJECT NAME, IF APPLICABLE:				

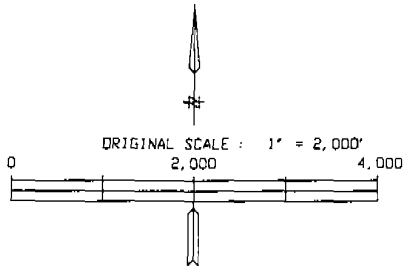
PROPOSED WELL/STRUCTURE LOCATIONS

WELL / STRUCTURE NAME	SURFACE LOCATION		BOTTOM-HOLE LOCATION (FOR WELLS)	
Well Name: A003	CALLS:	298 F S L and 5600 F W L	CALLS:	
	LEASE OCS	G 13557 , West Cameron AREA,	LEASE OCS	AREA,
	BLOCK	91	BLOCK	
	X:	1,264,229'	X:	
	Y:	320,298'	Y:	
	LAT:	29°31'37.33"	LAT:	
	LONG:	93°38'49.02"	LONG:	
	TVD (IN FEET):		MD (IN FEET):	WATER DEPTH (IN FEET):
Well Name: A004	CALLS:	298 F S L and 5600 F W L	CALLS:	
	LEASE OCS	G 13557 , West Cameron AREA,	LEASE OCS	AREA,
	BLOCK	91	BLOCK	
	X:	1,264,229'	X:	
	Y:	320,298'	Y:	
	LAT:	29°31'37.33"	LAT:	
	LONG:	93°38'49.02"	LONG:	
	TVD (IN FEET):		MD (IN FEET):	WATER DEPTH (IN FEET):
Well Name: A005	CALLS:	298 F S L and 5600 F W L	CALLS:	
	LEASE OCS	G 13557 , West Cameron AREA,	LEASE OCS	AREA,
	BLOCK	91	BLOCK	
	X:	1,264,229'	X:	
	Y:	320,298'	Y:	
	LAT:	29°31'37.33"	LAT:	
	LONG:	93°38'49.02"	LONG:	
	TVD (IN FEET):		MD (IN FEET):	WATER DEPTH (IN FEET):



SL
 X= 1,264,229'
 Y= 320,298'
 Lat=29°31'37.33"
 Lon=-93°38'49.02"

PROJECTION PARAMETERS
 MAP PROJECTION : LAMBERT, LOUISIANA - SOUTH
 SPHEROID: CLARKE 1866
 CENTRAL MERIDIAN: 91 26'W
 X ORIGIN = 2,000,000 FT. AT C.M.
 Y ORIGIN = 0 FT. AT 28 40' N. LATITUDE



OFFSHORE TEXAS WEST CAMERON 91	
PERMIT TO DRILL PLAT OCS-G-13557 WELLS A-3 A-4 A-5	
Date 10/11/02	wc91-3-4-5-pub

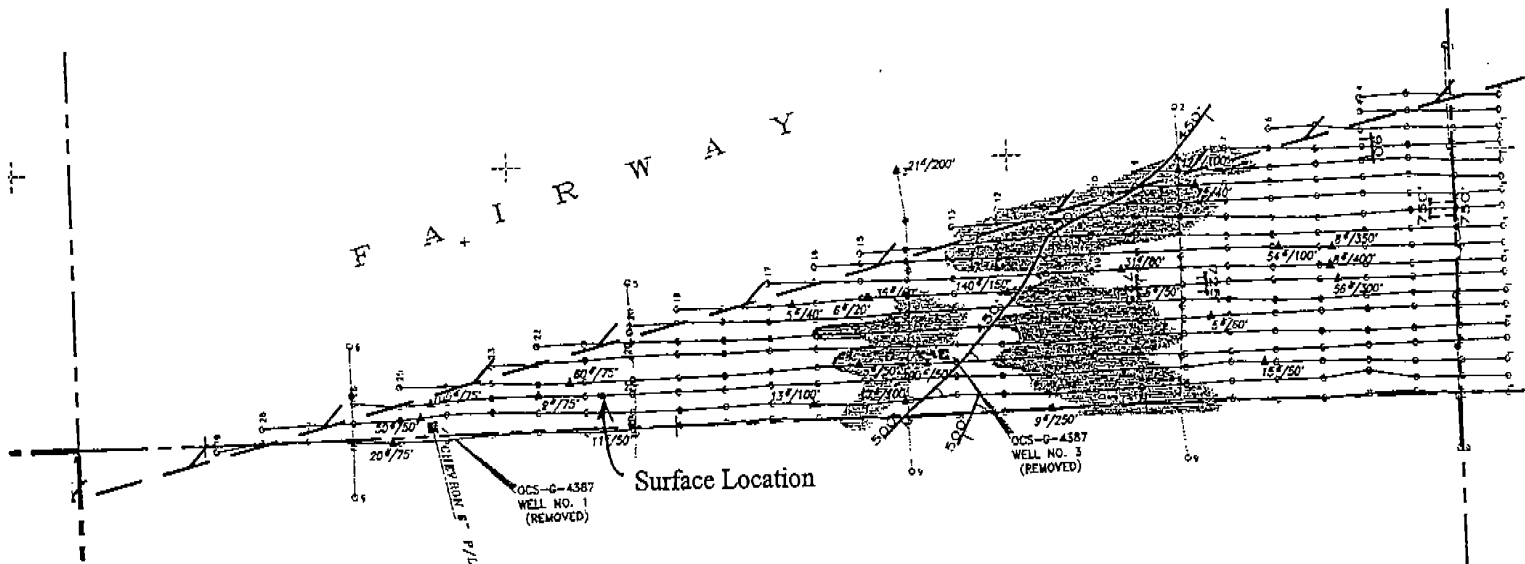
• Proposed Location C BHL

• Proposed Location B BHL

Proposed Location A BHL

91

OCS-G-13557



LEGEND

- SHOT POINT & SHOT POINT No.
- UNIDENTIFIED MAGNETIC ANOMALY WITH AMPLITUDE IN GAMMAS/DURATION IN FEET
- NORMAL FAULT WITH DEPTH OF BURIAL, HACHURES ON DOWNTHROWN SIDE
- ACOUSTIC DISTURBANCE APPROXIMATELY 100' BELOW THE SEAFLOOR
- WATER DEPTH ACROSS SURVEY AREA = 35'
- ZERO DATUM = MEAN LOWER LOW WATER
- APPLIED ACOUSTIC VELOCITY = 5,000'/SEC.
- AVERAGE TIDE HEIGHT ADJUSTMENT**
- MEAN LOWER LOW WATER = 0.0
- MEAN SEA LEVEL = +1.4 feet
- MEAN HIGH TIDE = +2.8 feet

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SABINE PASS AREA (LA)
WEST CAMERON AREA

GEODETIC DATUM: MAD 1927	CENTRAL MERIDIAN: 91° 20' W
ELLIPSOID: CLARKE 1866	X ORIGIN = 2,000,000 ft. AT CENTRAL MERIDIAN
PROJECTION: LAMBERT	Y ORIGIN = 0 ft. AT 28° 40' N
ZONE: LOUISIANA SOUTH	GRID UNITS: FEET

SURVEY VESSEL: M/Y L'ARPEUTEUR
NOTE: ALL FIELD DATA ACQUIRED JANUARY 30, 1996

ARCHEOLOGICAL & HAZARD STUDY

OCS-G-13557

BLOCK 91

WEST CAMERON AREA

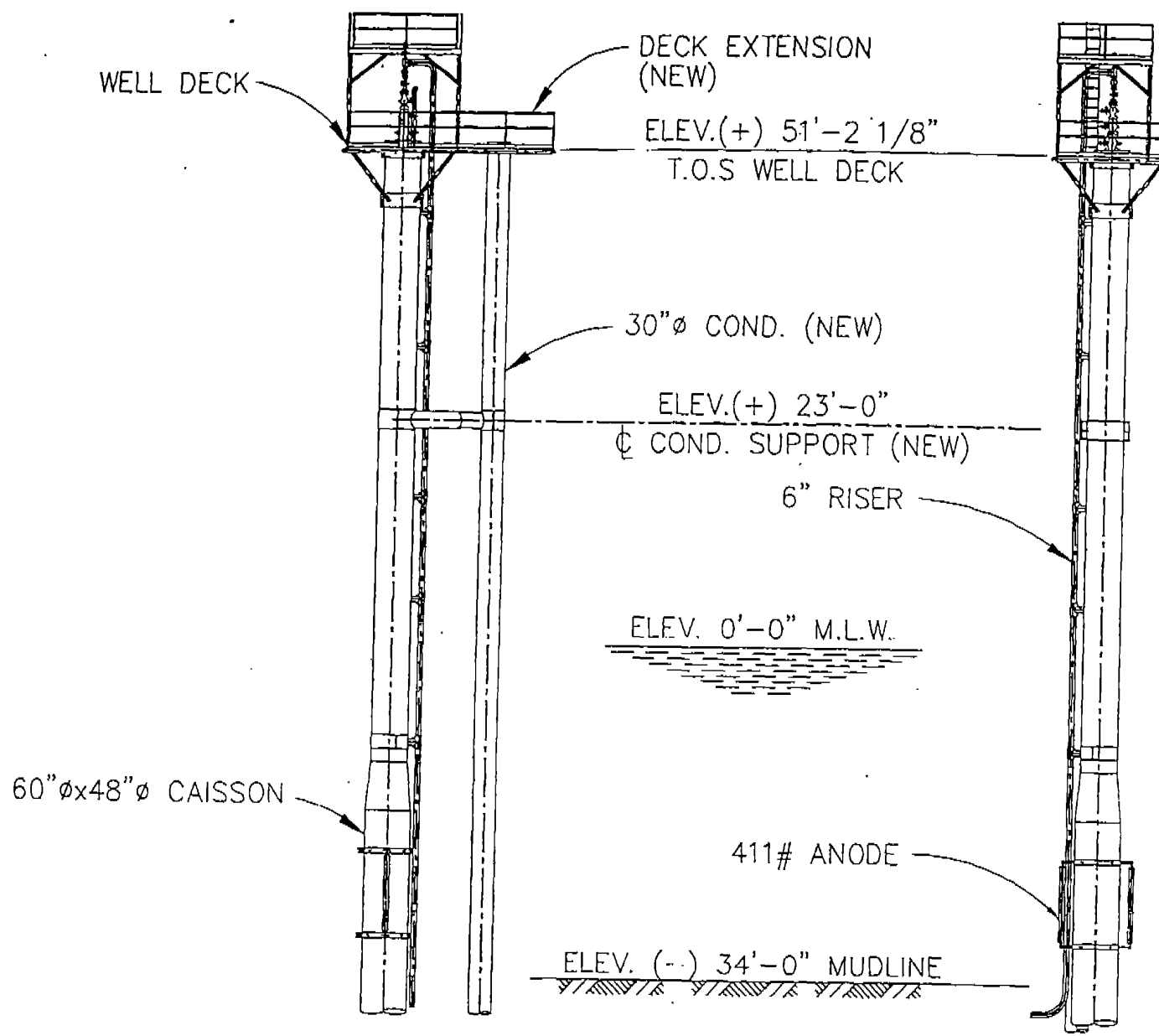
JOHN E. CHANCE & ASSOCIATES, INC.
GEOPHYSICAL DIVISION - LAFAYETTE, LOUISIANA
A MEMBER OF THE FUGRO GROUP OF COMPANIES



INTERPRETATION BY: J L DaSILVA	DRAFTED BY: onslcm
DATE: FEBRUARY 22, 1996	JOB No. 95-2697
MAP 1 of 2	

El Paso Production
West Cameron Area
West Cameron 91
DOCD Application
Archaeological & Hazard Map
OCS-G-13557
DATE 8/02 Scale 1"=2000' BY: JM Blanchard

ATTACHMENT A-3



ELEVATION "A"
 SCALE: 1/16" = 1'-0"

ELEVATION
 SCALE: 1/16" =

GENERAL DRAWING

ATTACHMENT A-4

APPENDIX B – GENERAL INFORMATION

CONTACT

Inquiries may be made to the following authorized representatives:

Melissa Logan
Nine Greenway Plaza, Suite 2652
Houston, Texas
(832) 676-5038

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 activities provided for in this Plan.

BONDING

In accordance with Notice to Lessees (NTL) N00-G16 which implements the requirements for general lease surety bonds contained in 30 CFR 256, Subpart I, El Paso GOM has on file with the Minerals Management Service a \$3,000,000 Areawide Development Bond.

Additionally, NTL 98-18N addresses how MMS has the authority to require additional security to cover full plugging, site clearance and other associated lease liabilities which may be in excess of the general lease surety bonds. These activities are reviewed on a case-by-case basis, and if deemed warranted, Minerals Management Service will provide such notification to El Paso GOM. El Paso GOM currently maintains an exempt status on supplemental bonding.

ONSHORE SUPPORT BASE

West Cameron Block 91 is located approximately 14 miles from the nearest Louisiana shoreline and approximately 24 miles from the onshore support base located in Cameron, Louisiana. A Vicinity Plat showing the location of West Cameron Block 91 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 the proposed production activities are as follows:

Support Vessel	Drilling and Completion Trips Per Week	Production Trips 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.

NEW ONSHORE CONSTRUCTION OR EXPANSION OF SUPPORT FACILITIES

The proposed operations do not mandate any immediate measures for land acquisition or expansion of the existing onshore base facilities.

Dredging and filling operations will not be required for the operations, nor will any new construction or expansion of onshore facilities be involved for the operations proposed in this Supplemental Development Operations Coordination Document.

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.

MILITARY WARNING AREA

The military warning area stipulation has been applied to blocks in military warning areas to mitigate potential multiple-use conflicts. The stipulation reduces potential impacts, primarily those associated with safety, by curtailing OCS operations and support activities in areas where military operations are being conducted. One of the requirements of this stipulation is that the operator notify the military prior to conducting oil and gas activities; and if required, enter into an agreement to provide for positive control of boats, ships, and aircraft operating into the warnings areas.

West Cameron Block 91 is not located within a designated Military Warning Area.

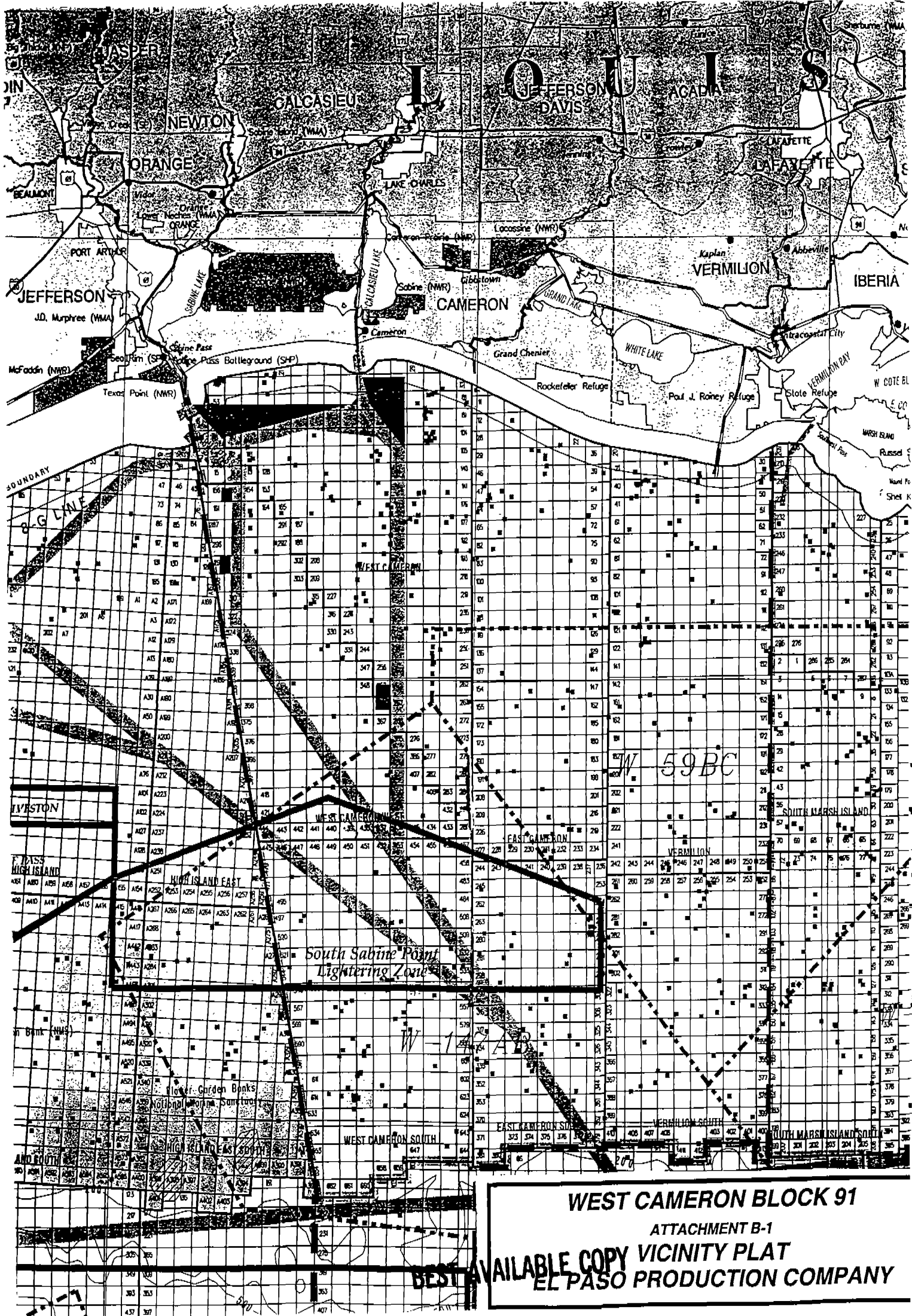
TOPOGRAPHIC FEATURES

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 proposed operations are not located in an area that would impact topographic features.

SPECIAL CONDITIONS

The proposed activities in West Cameron Block 91 are not affected by any special conditions that may impact the operations.



WEST CAMERON BLOCK 91
 ATTACHMENT B-1
VICINITY PLAT
 EL PASO PRODUCTION COMPANY

APPENDIX C – GEOLOGICAL & GEOPHYSICAL INFORMATION

STRUCTURE CONTOUR MAPS

A current structure map drawn to the top of the prospective hydrocarbon accumulation showing the surface and bottom hole locations of the subject wells is included in this section as *Attachment C-1*.

SHALLOW HAZARDS AND INTERPRETED SEISMIC LINES

The new drilling operations being proposed under this Plan will occur from an existing surface location approved under a previous Plan. Therefore, El Paso GOM is not required to submit additional 2-D or 3-D migrated and annotated seismic data.

GEOLOGICAL STRUCTURE CROSS SECTION

An interpreted geological cross section depicting the subject well locations and the geologic name and age of the anticipated structure is included as *Attachments C-2 thru C-4*.

SHALLOW HAZARDS REPORT

A high resolution, geophysical hazard survey was conducted by John Chance across West Cameron Block 91 during February and August of 1996 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 ANALYSIS

A shallow hazards analysis has been prepared for the existing surface location, evaluating seafloor and subsurface geologic and manmade features and conditions, and submitted with the previously approved Plan.

STRATIGRAPHIC COLUMN

A generalized biostratigraphic/lithostratigraphic column from the seafloor to the total depth of the proposed wells is included as *Attachment C-5*.

TIME VERSUS DEPTH TABLES

El Paso GOM's has determined there is existing sufficient well control data for the target areas proposed in this plan; therefore, tables providing seismic time versus depth for the proposed well locations is not required.

HYDROGEN SULFIDE

By letter dated December 23, 1996, the Minerals Management Service classified West Cameron Block 91 as an area where the absence of hydrogen sulfide has been confirmed.

APPENDIX D - BIOLOGICAL INFORMATION

CHEMOSYNTHETIC

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 INFORMATION

MMS and the National Marine Fisheries Service (NMFS) have entered into a programmatic consultation agreement for Essential Fish Habitat that requires that no bottom disturbing activities, including anchors or cables from a semi-submersible drilling rig, may occur within 500 feet of the no-activity zone of a topographic feature. If such proposed bottom disturbing activities are within 500 feet of a no activity zone, the MMS is required to consult with the NMFS.

Activities proposed in this plan are not effected by a topographic feature.

APPENDIX E - WASTES AND DISCHARGES INFORMATION

DISCHARGES

All discharges associated with drilling and potentially completing and testing the subject wells 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).

The disposal of oil and gas operational wastes is managed by USEPA through regulations established under three Federal Acts. The Resource Conservation and Recovery Act (RCRA) provides a framework for the safe disposal of discarded materials, regulating the management of solid and hazardous wastes. The direct disposal of operational wastes into offshore waters is limited by USEPA under the authority of the Clean Water Act. And, when injected underground, oil and gas operational wastes are regulated by USEPA's third program, the Underground Injection Control program. If any wastes are classified as hazardous, they are to be properly transported using a uniform hazardous waste manifest, documented, and disposed at an approved hazardous waste facility.

A National Pollutant Discharge Elimination System (NPDES) permit, based on effluent limitation guidelines, is required for any discharges into offshore waters. The major discharges from offshore oil and gas exploration and production activities include produced water, drilling fluids and cuttings, ballast water, and uncontaminated seawater. Minor discharges from the offshore oil and gas industry include drilling-waste chemicals, fracturing and acidifying fluids, and well completion and workover fluids; and from production operations, deck drainage, and miscellaneous well fluids (cement, BOP fluid); and other sanitary and domestic wastes, gas and oil processing wastes, and miscellaneous discharges.

All offshore discharges associated with El Paso GOM's proposed operations will be conducted in accordance with the NPDES permit covering the subject lease.

El Paso GOM has requested coverage under EPA Region VI NPDES General Permit GMG290000 for discharges associated with drilling and production activities.

The types of discharges included in the permit application and the estimated average flow volumes are detailed below.

Drilling Fluids - Although drilling mud is generally recycled, excess mud is sometimes discharged overboard. The volume and rate of discharge depend upon downhole conditions. Volume is estimated from either pump rate and length of time, or from tank capacity if a bulk discharge occurs. The discharge of drilling fluids is classified as an intermittent discharge, with an estimated average flow of 250 barrels a day.

Drill Cuttings - The drill cuttings are separated from the mud through the use of solids control equipment. Cuttings discharge rates and volumes will vary during the duration of the well, and are measured by estimating the volume of hole drilled. Constituents of drill cuttings include sand, shale and limestone from the wellbore. The discharge of drilling cuttings is classified as an intermittent discharge, with an estimated average flow of 100 barrels a day.

Excess Cement - Occasionally, excess slurry will be generated while cementing casing strings. The volume of cement discharges is calculated by subtracting the volume inside the well from the total volume pumped downhole.

Well Treatment, Completion or Workover Fluids - These fluids (primarily seawater that has been circulated downhole) are sometimes discharged when in excess. The discharge of workover, treatment and completion fluids is classified as an intermittent discharge, with an estimated average flow of 300 barrels a day during the affected operations period. The volume is calculated as for excess cement.

Sanitary and Domestic Waste - The discharge of sanitary and domestic waste is classified as an intermittent discharge, with an estimated average flow of 40 barrels a day. The rate of discharge from the marine sanitation unit is approximately 25 gallons/man/day. An equal amount of domestic waste (from sinks, galleys, showers, laundries and ground food wastes) is normally discharged.

Deck Drainage - Consisting of rainwater and wash water with no free oil, the volume of deck drainage is calculated by multiplying average rainfall by exposed deck area.

Uncontaminated Water - This included non-contact cooling water, discharges from the firewater system, and freshwater maker blowdown. Ballast water, which is sometimes used to maintain the stability of a drilling rig, might also be discharges. These discharges are classified as miscellaneous discharges in the NPDES permit application.

Produced Water from Well Testing - This discharge would occur during the production test conducted during well drilling operations. Much of the produced water would be vaporized as the gas is burned. Excess water would be processed in a gravity separator and discharged in accordance with the limitations and conditions of the applicable NPDES Individual Permit.

Domestic wastes such as wastewater originating from sinks, showers, laundries, and galleys are typically discharged overboard, and may be routed through a comminuter so that the discharge will not result in any floating solids. Sanitary wastes are composed of human body waste from toilets and urinals. The MODU and marine supply vessels are equipped with sewage treatment facilities. A typical MODU may discharge approximately 25 gal/man/day of domestic and treated sanitary waste. These wastes are expected to rapidly dilute and disperse.

Rig wash and deck drainage discharges are monitored for visual sheens, and in some instances by the oil and grease content. The quantities from the MODU should be relatively low during the proposed drilling and completion operations.

Ballast water used in the pre-loading of certain rig types is a one-time event, and is estimated to run at approximately 1,200,000 gallons. The seawater is isolated and not exposed to contaminants. Cooling water for the drilling rig is designed so there is no contact with machinery. It is expected that approximately 336,000 gallons per day will be discharged.

Operational discharges from the supply vessels include bilge and ballast waters and potential fuel oil releases. MARPOL 73/78 has significantly limited operational discharges. The support vessel may still discharge oily bilge water, but their treatment process must severely limit the oil content. Approximately 22,000 liters/day could potentially be discharged from these vessels.

Wastes not discharged overboard will be transported to an appropriate treatment or disposal site, in accordance with all Federal, State and Local rules and regulations.

Included as *Attachments E-1 and E-2* are the estimated quantity and rates of discharges applicable to the drilling fluids/cuttings based on hole size interval and washout and the typical mud components used in the proposed activities.

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

The major operational solid waste in the largest quantities generated from the proposed operations will be the drill cuttings, drilling and/or completion fluids. Other major wastes generated will include waste chemicals, cement wastes, sanitary and domestic waste, trash and debris, ballast water, storage displacement water, rig wash and deck drainage, hydraulic fluids, used oil, oily water and filters, and other miscellaneous minor discharges.

These wastes are generated into categories, being solid waste (trash and debris), nonhazardous oilfield waste (drilling fluids, nonhazardous waste including cement and oil filters), and hazardous wastes (waste paint or thinners).

MARPOL 73/78, implemented by the U.S. Coast Guard, requires preparation, monitoring and record keeping requirements for garbage generated on floating and fixed facilities in OCS Federal Waters. The drilling contractor will maintain a Waste Management Plan, in addition to preparation of a Daily Garbage Log for the handling of these types of waste. MODU's are equipped with bins for temporary storage of certain garbage. Other types of waste, such as food, may be discharged overboard if the discharge can pass through 25-millimeter type mesh screen. Prior to off loading and/or overboard disposal, an entry will be made in the Daily Garbage Log stating the approximate volume, the date of action, name of the vessel, and destination point.

**DRILLING FLUID ADDITIVES
PRODUCT CROSS REFERENCE**

MILPARK	BAROID	M-I	DESCRIPTION
WEIGHT MATERIALS			
MIL-BAR	BAROID	M-I BAR	API bante, 4.2 specific gravity
DENSIMX	BARODENSE	FER-OX	Macaceous nematite
W.O. 30	BARACARB	LO-WATE	Calcium carbonate
VISCOUSIFIERS			
MILGEL	AQUAGEL	M-I GEL	API-grade Wyoming bentonite
MILGEL NT	AQUAGEL GOLD SEAL		Untreated Wyoming bentonite
SALTWATER GEL	ZEOGEL	SALT GEL	API-grade attapulgit
SUPER-COL	QUIK-GEL	KWIK-THIK	High-yield bentonite, treated
NEW-VIS			Organic polymer blend
XCD POLYMER	XCD POLYMER	XCD POLYMER	XC Dispensable
MIL-BEN	SHUR-GEL		Bentonite-OCMA Spec. DFCP4
DEFLOCCULANTS			
MIL-TEMP	THERMA-THIN DP	MELANEX-T	High-temperature deflocculant
NEW-THIN	THERMA-THIN	TACKLE (Liquid)	Polymeric deflocculant
UNI-CAL	Q-BROXIN	SPERSENE	Chrome lignosulfonate
UNI-CAL CF	Q-B II	SPERSENE CF	Chrome-free lignosulfonate
MIL-KEM	LIGNOX	RD 2000	Lime mud thinner
SAPP	SAPP	SAPP	Sodium acid pyrophosphate
OIL-FOS	BARAFOS	PHOS	Sodium tetraphosphate
MIL-THIN	THERMA-THIN	THIN X (Liquid)	Anionic copolymer thinner
FILTRATION CONTROL AGENTS			
BIO-LOSE			Modified polysacchande
CHEMTRON X	DURENEX	RESINEX	Polymer blend, high-temperature
FILTREX	BARANEX	RESINEX	Polyanionic lignin resin
LIGCO	CARBONOX	TANNATHIN	Lignite
LIGCON	CC-16	CAUSTILIG	Causticized lignite
MILSTARCH	IMPERMEX	MY-LO-GEL	Pregelatinized starch
NEW-TROL	POLYAC	SP-101	Sodium polyacrylate
PERMA-LOSE HT	DEXTRID	POLY-SAL	Nonfermenting starch, high-temp.
PYRO-TROL	THERMA-CHEK	POLY RX	Polymeric, high-temperature
KEM-SEAL	THERMA-CHEK		Copolymer, high-temperature
MIL-PAC	PAC R	POLYPAC	Polyanionic cellulose
MIL-PAC LV	PAC L	POLYPAC	Low-viscosity polyanionic cellulose
MILPARK CMC HV	CELLEX (High Vis)	CMC HV	Sodium carboxymethylcellulose
MILPARK CMC LV	CELLEX	CMC LV	Sodium carboxymethylcellulose
CORROSION CONTROL CHEMICALS			
MIL-GARD	NO-SULF	SULF-X	Basic zinc carbonate
MIL-GARD R	BARASCAV-L	SULF-X ES	Chelated zinc
NOXYGEN	COAT-888	OXYGEN	Oxygen scavenger
	BARACOR 113	SCAVENGER	
SCALE-BAN	SURFLO-H35 BARACOR 129	SI-1000	Scale inhibitor
AMI-TEC	BARA FILM BARACOR 300 COAT-B1400 COAT-C1815	CONQOR 202 CONQOR 101 CONQOR 303	Film-forming amine
CARBO-DRILL OIL MUD ADDITIVES			
CARBO-MUL	INVERMUL NT VERSACOAT	VERSAWET	Emulsifier (and wetting agent) primarily
CARBO-MUL HT	EZ MUL NT		High-temperature emulsifier and wetting agent
CARBO-TEC	INVERMUL	VERSAMUL	Emulsifier
CARBO-GEL	GELTONE II	VERSAGEL	Organophilic clay neclonte
CARBO-VIS	GELTONE II	VERSAMOD	Organophilic clay
CARBO-TROL		VERSATROL	Filtration control agent
CARBO-TROL A-θ	DURATONE HT	VERSALIG	Nonasphaltic filtration control, high-temperature
SURF-COTE	DRILTREAT or OMC	VERSAWET	Oil wetting agent for oil muds
CARBO-MIX	DRILTREAT		Nonionic emulsifier, high-activity
CARBO-TEC HW			HW oil mud emulsifier

**DRILLING FLUID ADDITIVES
PRODUCT CROSS REFERENCE**

MILPARK	BAROID	M-I	DESCRIPTION
SHALE CONTROL ADDITIVES			
ALPLEX			Aluminum complex
BIO-DRILL 1402			Oil mud alternative
NEW-DRILL	EZ MUD	POLY-PLUS	PHPA liquid
NEW-DRILL HP			Powdered PHPA
NEW-DRILL PLUS	EZ MUD DP		Powdered PHPA
SHALE-BOND	SHALE-BAN	HOLECOAT	Resinous shale stabilizer
PROTECTOMAGIC			Oil-soluble blown asphalt
PROTECTOMAGIC M	AK-70	STABIL-HOLE	Water-dispersants, Blown asphalt
SPOTTING FLUIDS			
BLACK MAGIC			Oil-base spotting fluid
BLACK MAGIC LT	EX SPOT		Low toxicity oil-base spotting fluid
BLACK MAGIC SFT		OIL-FAZE	Oil-base spotting fluid concentrate
MIL-FREE	SCOT-FREE/ ENVIRO-SPOT	PIPE-LAX	Liquid spotting fluid
BIO-SPOT	ENVIRO-SPOT		Nontoxic water-base spotting fluid
BIO-SPOT II			Nontoxic water-base spotting fluid
MIL-SPOT 2	SCOT-FREE	PIPE-LAX W	Weighted (oil-base) spotting fluid concentrate
LUBRICANTS			
AQUA-MAGIC			Low-toxicity lubricant
LUBRI-FILM	EP MUDLUBE	E.P. LUBE	Extreme-pressure lubricant
MIL-LUBE		LUBE-106	General lubricant
DETERGENTS/FOAMERS			
AMPLI-FOAM	DRILFOAM	FOAMER 80	Mist and stiff foaming agent
MIL CLEAN	BAROID RIG WASH BARA-KLEAN	KLEEN-JP	Biodegradeable detergent
MILPARK MD	CON-DET	DD	Drilling detergent
DEFOAMING AGENTS			
LD-8	BARA DEFOAM	DEFOAM-X	Hydrocarbon-base defoamer
W.O. DEFOAM	BARA BRINE DEFOAM	DEFOAM-A	Alcohol-base, saltwater muds
ALUMINUM STEARATE	Aluminum Stearate	Aluminum Stearate	Aluminum Stearate
LOST-CIRCULATION MATERIALS			
CHEK-LOSS			Seepage loss control differential sticking preventative
MIL-CEDAR FIBER	PLUG-GIT	M-I CEDAR FIBER	Cedar fiber
MIL-FIBER	FIBERTEX	M-I FIBER	Fiber blend
MILFLAKE	JELFLAKE	FLAKE	Shredded cellophane flake
MILMICA	MICATEX	MICA	(Muscovite) mica graded
MIL-PLUG		NUT PLUG	Ground pecan shells
MIL-SEAL	BARO-SEAL	KWIK SEAL	Blended lost-circulation material
COTTONSEED HULLS	Cottonseed Hulls	Cottonseed Hulls	Cottonseed Hulls
PAPER			Ground paper
WALNUT SHELLS	WALL-NUT		Ground walnut shells
MAGNE-SET			Acid-soluble cement
WORKOVER AND COMPLETION FLUID ADDITIVES			
MUD-PAC	COAT-44 & 45	CONQOR 404 X-CORE	Corrosion (packer fluid) inhibitor
BRINE-PAC	BARACOR-A		Corrosion inhibitor clean brine fluids
W.O. 21L	LIQUI-VIS	VIS-L	Liquid HEC polymer
PRESERVATIVES			
DRYOCIDE			Dry (biodegradable) biocide
X-CIDE 207	BARA B466	BACBAN II & III	Biocide

X-CIDE 207 is a registered trademark of Petrolite Corporation.
 DRYOCIDE is a registered trademark of Nalco Chemical Company
 XCD (in XCD POLYMER) is a registered trademark of Marck & Co., Inc.
 OILFOS is a registered trademark of Monsanto Company.

APPENDIX F - OIL SPILL RESPONSE AND CHEMICAL INFORMATION

El Paso Production Company, El Paso Production GOM Inc. and El Paso Production Oil & Gas Company are the only entities covered in their Regional Oil Spill Response Plan (OSRP) approved on June 27, 2001. Activities proposed in this Development Operations Coordination Document will be covered by the Regional OSRP.

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.

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 Lake Charles, Louisiana.

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

<u>Category</u>	<u>Regional OSRP</u> <u>WCD</u>	<u>DOCD</u> <u>WCD</u>
Type of Activity	Production	Production
Spill Location (Area/Block)	AB SL 5097	WC 91
Facility Designation	Platform	Platform A
Distance to Nearest Shoreline (miles)	0	14
Volume	6000	400
Type of Oil (crude, condensate, diesel)	Condensate	Condensate
API Gravity	50°	45 °

The WCD proposed in this DOCD is less than 1000 barrels, and does not supersede the WCD scenario in our Regional OSRP.

Since El Paso GOM has the capability to respond to the WCD spill scenario included in its Regional OSRP, 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 GOM has the capability to respond, to the maximum extent practicable, to a WCD resulting from the activities proposed in our DOCD.

APPENDIX 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-G10) addressing construction activities related to installation of the pipeline and production.

DOCD AIR QUALITY SCREENING CHECKLIST

OMB Control No. xxxx-xxxx
Expiration Date: Pending

COMPANY		EL PASO PRODUCTION GOM INC.
AREA		WEST CAMERON
BLOCK		91
LEASE		G-13577
PLATFORM		A
WELL		A-3, A-4 AND A-5
COMPANY CONTACT		MELISSA LOGAN
TELEPHONE NO.		832/676-5038
REMARKS		THIS SUPPLEMENTAL DOCD PROVIDES FOR THE DRILLING, COMPLETION AND PRODUCTION OF WELL NO.'S A-3, A-4 AND A-5
"Yes"	"No"	Air Quality Screening Questions
	X	1. Is the concentration of H ₂ S 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
2001		
2002		
2003		
2004		
2005		
2006		
2007		
2008		
2009		

AIR EMISSION COMPUTATION 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

AIR EMISSION CALCULATIONS - FIRST YEAR

OMB Control No. xxx-xxxx
Expiration Date: Pending

COMPANY	AREA	BLOCK	LEASE	PLATFORM	WELL	CONTACT	PHONE	REMARKS									
EL PASO PRODUCTION	WEST CAMERON	91	G-13577	A	A-3, A-4 AND A-5	MELISSA LOGAN	832/675-5038	THIS SUPPLEMENTAL DOCD PROVIDES FOR THE DRILLING, COMPLETION									
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	11400	550.62	0.00	24	240	8.04	36.86	276.21	8.29	60.26	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	788	38.0604	913.45	24	240	1.74	2.55	24.30	1.94	5.26	5.00	7.34	69.98	5.60	15.15	
	VESSELS>600hp diesel(crew)	3000	144.9	3477.60	8	103	2.11	9.70	72.69	2.18	15.86	0.87	4.00	29.95	0.90	6.53	
	VESSELS>600hp diesel(supply)	3000	144.9	3477.60	10	171	2.11	9.70	72.69	2.18	15.86	1.81	8.29	62.15	1.86	13.56	
	VESSELS>600hp diesel(3 tugs)	12600	608.58	14605.92	12	2	8.88	40.74	305.29	9.16	66.61	0.11	0.49	3.66	0.11	0.60	
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	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	
WC 91 P/F A	SUPPORT VESSEL diesel - CREW	3000	144.9	3477.60	3	104	2.11	9.70	72.69	2.18	15.86	0.33	1.51	11.34	0.34	2.47	
	TURBINE nat gas	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	RECIP.2 cycle lean nat gas	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	RECIP.2 cycle lean nat gas	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	RECIP.4 cycle lean nat gas	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 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						0.00	0.00				0.00	0.00	
	TANK-FLARE-	0	0		0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	
	PROCESS VENT-	0	0		0	0				0.00	0.00				0.00	0.00	
	FUGITIVES-	0	0	415.0	0	365				0.21	0.00				0.00	0.00	
	GLYCOL STILL VENT-	0	0		0	0				0.00	0.00				0.00	0.00	
DRILLING WELL TEST	OIL BURN	0	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				0.00	0.00				0.00	0.00	
2003 YEAR TOTAL							25.30	109.71	828.18	26.48	180.64	8.14	21.67	177.48	9.75	38.60	
EXEMPTION CALCULATION	DISTANCE FROM LAND IN MILES											466.20	466.20	466.20	466.20	19749.87	
	14.0																

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	91	G-13577	A	A-3, A-4 AND A-5	MELISSA LOGAN	832/678-5038	THIS SUPPLEMENTAL DOC# PROVIDES FOR THE DRILLING, COMPLETION									
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													
	Barriers	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	5000.00	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	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	AUXILIARY EQUIP<600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	VESSELS>600hp diesel(crew)	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 (3 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	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	SUPPORT VESSEL diesel - CREW	3000	144.9	3477.60	10	104	2.11	9.70	72.69	2.18	15.86	1.10	5.04	37.80	1.13	8.25	
	TURBINE nat gas	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	RECIP. 2 cycle lean nat gas	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	RECIP. 2 cycle lean nat gas	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	RECIP. 4 cycle lean nat gas	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 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	0											
	FLARE-	0	0	0	0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	
	PROCESS VENT-	0	0	0	0	0											
	FUGITIVES-	0	0	415.0	0	365				0.21				0.00	0.91		
	GLYCOL STILL VENT-	0	0	0	0	0				0.00				0.00	0.00		
DRILLING WELL TEST	OIL BURN	0	0	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	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	
2004-2013 YEAR TOTAL							2.42	10.15	77.00	2.73	16.79	1.13	5.09	38.20	2.07	8.33	
EXEMPTION CALCULATION	DISTANCE FROM LAND IN MILES																
	14.0												466.20	466.20	466.20	466.20	19749.87

AIR EMISSION CALCULATIONS

OMB Control No. xxxx-xxxx
Expiration Date: Pending

COMPANY	AREA	BLOCK	LEASE	PLATFORM	WELL
EL PASO PROD	WEST CAMERON	91	G-13577	A	A-3, A-4 AND A-5
Year	Emitted Substance				
	PM	SOx	NOx	VOC	CO
2003	8.14	21.67	177.48	9.75	38.60
2004	1.13	5.09	38.20	2.07	8.33
2005	1.13	5.09	38.20	2.07	8.33
2006	1.13	5.09	38.20	2.07	8.33
2007	1.13	5.09	38.20	2.07	8.33
2008	1.13	5.09	38.20	2.07	8.33
2009	1.13	5.09	52.69	2.65	10.33
2010	1.13	5.09	52.69	2.65	10.33
2011	1.13	5.09	52.69	2.65	10.33
2012	1.13	5.09	52.69	2.65	10.33
2013	1.13	5.09	52.69	2.65	10.33
Allowable	466.20	466.20	466.20	466.20	19749.87

BEST AVAILABLE COPY

APPENDIX H – ENVIRONMENTAL INFORMATION

ENVIRONMENTAL REPORT

An Environmental Report is not required for the proposed supplemental development operations.

APPENDIX I - COASTAL ZONE MANAGEMENT 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 not required for the supplemental development activities.

APPENDIX J

OCS PLAN INFORMATION FORM
(USE SEPARATE FORM FOR EACH LEASE)

EXPLORATION PLAN		DEVELOPMENT OPERATIONS COORDINATION DOCUMENT	X	DEVELOPMENT & PRODUCTION PLAN		
OPERATOR:	EL PASO PRODUCTION GOM INC.			ADDRESS:	Nine Greenway Plaza, Suite 2652	
MMS OPERATOR NO.:	01138			Houston, Texas 77046-0995		
CONTACT PERSON:	MELISSA LOGAN			PHONE NO.:	(832) 676-5038	
PROPOSED START DATE:	11/15/02		RIG TYPE:	Jack-up	DISTANCE TO CLOSEST LAND (IN MILES):	14
NEW OR UNUSUAL TECHNOLOGY	YES		NO	X	ONSHORE SUPPORT BASE(S):	Cameron, Louisiana
NARRATIVE DESCRIPTION PROPOSED ACTIVITIES:						
This proposed Supplemental DOCD provides for the drilling, completion and commencement of production of Well No.'s A-3 through A-5.						
PROJECT NAME, IF APPLICABLE						

PROPOSED WELL/STRUCTURE LOCATIONS

WELL / STRUCTURE NAME	SURFACE LOCATION			BOTTOM-HOLE LOCATION (FOR WELLS)		
Well Name: A003	CALLS:	298 F S L and 5600 F W L		CALLS:		
	LEASE OCS	G 13557	West Cameron AREA,	LEASE OCS	AREA,	
	BLOCK	91		BLOCK		
	X:	1,264,229'		X:		
	Y:	320,298'		Y:		
	LAT:	29°31'37.33"		LAT:		
	LONG:	93°38'49.02"		LONG:		
	TVD (IN FEET):		MD (IN FEET):		WATER DEPTH (IN FEET):	
Well Name: A004	CALLS:	298 F S L and 5600 F W L		CALLS:		
	LEASE OCS	G 13557	West Cameron AREA,	LEASE OCS	AREA,	
	BLOCK	91		BLOCK		
	X:	1,264,229'		X:		
	Y:	320,298'		Y:		
	LAT:	29°31'37.33"		LAT:		
	LONG:	93°38'49.02"		LONG:		
	TVD (IN FEET):		MD (IN FEET):		WATER DEPTH (IN FEET):	
Well Name: A005	CALLS:	298 F S L and 5600 F W L		CALLS:		
	LEASE OCS	G 13557	West Cameron AREA,	LEASE OCS	AREA,	
	BLOCK	91		BLOCK		
	X:	1,264,229'		X:		
	Y:	320,298'		Y:		
	LAT:	29°31'37.33"		LAT:		
	LONG:	93°38'49.02"		LONG:		
	TVD (IN FEET):		MD (IN FEET):		WATER DEPTH (IN FEET):	