UNITED STATES GOVERNMENT
MEMORANDUM

November 21, 2003

To: Public Information (MS 5034)

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

Subject: Public Information copy of plan

Control #	-	N-07962
Type	-	Initial Exploration Plan
Lease(s)	-	OCS-G23881 Block - 336 Eugene Island Area OCS-G24913 Block - 335 Eugene Island Area
Operator	-	Cabot Oil & Gas Corporation
Description	-	Wells A, B and C
Rig Type	-	JACKUP

Attached is a copy of the subject plan.

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

Michelle Griffitt
Plan Coordinator

Site Type/Name	Botm Lse/Area/Blk	Surface Location	Surf Lse/Area/Blk
WELL/A	G24913/EI/335	5300 FSL, 7000 FEL	G24913/EI/335
WELL/B	G24913/EI/335	960 FSL, 13325 FEL	G24913/EI/335
WELL/C	G24913/EI/335	4885 FSL, 430 FWL	G23881/EI/336

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NOTED - SCHEXNAILDRE

Cabot Oil & Gas Corporation
Gulf Coast Region

November 14, 2003

U.S. Department of the Interior
Minerals Management Service
1201 Elmwood Park Boulevard
New Orleans, Louisiana 70123-2394

Attention: Mr. Nick Wetzel
Plans Unit

RE: Joint Initial/Supplemental Exploration Plan for Leases OCS-G 24913 and 23881, Eugene Island Blocks 335 and 336, OCS Federal Waters, Gulf of Mexico, Offshore, Louisiana

Gentlemen:

In accordance with the provisions of Title 30 CFR 250.203 and that certain Notice to Lessees (NTL 2003-G17), Cabot Oil & Gas Corporation (Cabot) hereby submits for your review and approval a Joint Initial/Supplemental Exploration Plan (Plan) for Leases OCS-G 24913 and 23881, Eugene Island Blocks 335 and 336, Offshore, Louisiana. Excluded from the Public Information copies are certain geologic and geophysical discussions and attachments.

Enclosed are two Proprietary Information copies (one hard copy and one CD) and three Public Information copies (one hard copy and two CD's) of the Plan.

Contingent upon receiving regulatory approvals and based on equipment and personnel availability, Cabot anticipates operations under this Plan commencing as early as December 15, 2003.

Should additional information be required, please contact the undersigned, or our regulatory consultant, R.E.M. Solutions, Inc., Attention: Christine Groth at 281.492.8562.

Sincerely,

CABOT OIL & GAS CORPORATION

Kimberly A. Dillard/cag

Kimberly A. Dillard
Regulatory Supervisor

KAD:CAG
Attachments

CABOT OIL & GAS CORPORATION
1200 Enclave Parkway
Houston, Texas 77077

Kimberly A. Dillard
kim.dillard@cabotog.com

JOINT INITIAL/SUPPLEMENTAL EXPLORATION PLAN

LEASES OCS-G 24913 AND 23881

EUGENE ISLAND BLOCKS 335 AND 336

PREPARED BY:

Christine Groth
R.E.M. Solutions, Inc.
17171 Park Row, Suite 390
Houston, Texas 77084
281.492.8562 (Phone)
281.492.6117 (Fax)
christine@remsolutionsinc.com

DATED:

November 14, 2003

SECTION A
PLAN CONTENTS

A. Description, Objectives and Schedule

Lease OCS-G 24913, Eugene Island Block 335 was acquired by Cabot Oil & Gas Corporation and Palace Exploration Company at the Central Gulf of Mexico Lease Sale No. 185 held on March 19, 2003. The lease was issued with an effective date of May 1, 2003 and a primary term ending date of April 30, 2008.

Lease OCS-G 23881, Eugene Island Block 336 was acquired by Cairn Energy USA, Inc. at the Central Gulf of Mexico Lease Sale No. 182 held on March 20, 2002. The lease was issued with an effective date of July 1, 2002 and a primary term ending date of May 31, 2007.

The current lease operatorship and ownership are as follows:

Area/Block Lease No.	Operator	Ownership
Eugene Island Block 335 Lease OCS-G 24913	Cabot Oil & Gas Corporation	Cabot Oil & Gas Corporation Palace Exploration Company
Eugene Island Block 336 Lease OCS-G 23881	Cabot Oil & Gas Corporation	Cabot Oil & Gas Corporation Cairn Energy USA, Inc.

Cabot proposes to drill, complete, potentially test and install minimal well protector structures over Well Locations A and B in Eugene Island Block 335. Additionally, Cabot proposes to drill, potentially complete, test and install minimal well protector structure over Well Location C (surface location in Eugene Island Block 336). Information pertaining to the geological targets, including a narrative of trapping features, is included as *Attachment A-1.*

B. Location

Included, as *Attachments A-2 through A-4* is Form MMS-137 "OCS Plan Information Form", Well Location Plats and the Bathymetry Map detailing the proposed well surface location disturbance areas.

C. Drilling Unit

Cabot will utilize a typical jack-up drilling rig for the proposed drilling, completion and testing operations along with the installation of the minimal well protector structures as provided for in this Plan. Actual rig specifications will be included with the Applications for Permit to Drill.

Safety of personnel and protection of the environment during the proposed operations is of primary concern with Cabot, and mandates regulatory compliance with the contractors and vendors associated with the proposed operations as follows:

SECTION A
Contents of Plan - Continued

Minerals Management Service regulations contained in Title 30 CFR Part 250, Subparts C, D, E, G and O mandate the operations comply with well control, pollution prevention, construction and welding procedures as described in Title 30 CFR Part 250, Subparts C, D, E, G and O; and as further clarified by MMS Notices to Lessees.

Minerals Management Service conducts periodic announced and unannounced 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.

U. S. Coast Guard regulations contained in Title 33 CFR mandate the appropriate life rafts, life jackets, ring buoys, etc., be maintained on the facility at all times.

U. S. Environmental Protection Agency regulations contained in the NPDES General Permit GMG290000 mandate that supervisory and certain designated personnel on-board the facility be familiar with the effluent limitations and guidelines for overboard discharges into the receiving waters.

Geological Targets and Trapping Features

Attachment A-1
(Proprietary Information)

OCS Plan Information Form

Attachment A-2
(Public Information)

U.S. Department of the Interior
Minerals Management Service

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

OCS PLAN INFORMATION FORM

General Information

Type of OCS Plan	X	Exploration Plan (EP)		Development Operations Coordination Document (DOCD)	
Company Name:	Cabot Oil & Gas Corporation		MMS Operation Number:	01355	
Address:	1200 Enclave Parkway		Contact Person:	Christine Groth, R.E.M. Solutions, Inc.	
	Houston, Texas 77077		Phone Number:	281.492.8562	
			E-Mail Address:	christine@remsolutionsinc.com	

Lease(s):	G 24913 and 23881	Area:	EC	Block(s):	335 and 336	Project Name (If Applicable):	N/A				
Objective(s):		Oil	X	Gas		Sulphur		Salt	Onshore Base:	Fourchon, LA	Distance to Closes Land (Miles):	81.3

Description of Proposed Activities (Mark all that apply)

X	Exploration drilling		Development drilling
X	Well completion		Installation of production platform
X	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		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?		Yes	X	No

Tentative Schedule of Proposed Activities

Proposed Activity	Start Date	End Date	No. of Days
Drill, Complete and Test Well Location A and Install Well Protector Structure	12/15/2003	02/18/2004	66
Drill, Complete and Test Well Location B and Install Well Protector Structure	02/19/2004	04/24/2004	66
Drill, Complete and Test Well Location C and Install Well Protector Structure	04/25/2004	06/29/2004	66

Description of Drilling Rig

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

Description of Lease Term Pipelines

From (Facility/Area/Block)	To (Facility/Area/Block)	Diameter (Feet)	Length (Feet)
N/A			

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): **Well Location A**				Subsea Completion	
Anchor Radius (if applicable) in feet: **N/A**				Yes	X No
	Surface Location		**Bottom-Hole Location (For Wells)**		
Lease No.	OCS-G 24913		OCS-G 24913		
Area Name	Eugene Island		Eugene Island		
Block No.	335		335		
Blockline Departures (in feet)	N/S Departure	5300' FSL	N/S Departure:		
	E/W Departure	7000' FEL	E/W Departure:		
Lamber X-Y coordinates	X:	1,842,778.40'	X:		
	Y:	-179,370.56'	Y:		
Latitude / Longitude	Latitude:	28°10'21.228" N	Latitude		
	Longitude	91°49'15.920"W	Longitude		
	TVD (Feet):		MD (Feet):		Water Depth (Feet): 269'

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
N/A					

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.

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): **Well Location B**				Subsea Completion	
Anchor Radius (if applicable) in feet: **N/A**				Yes	**X** No
	Surface Location		**Bottom-Hole Location (For Wells)**		
Lease No.	**OCS-G 24913**		**OCS-G 24913**		
Area Name	**Eugene Island**		**Eugene Island**		
Block No.	**335**		**335**		
Blockline Departures (in feet)	N/S Departure	**960' FSL**	N/S Departure:		
	E/W Departure	**13325' FEL**	E/W Departure:		
Lamber X-Y coordinates	X:	**1,836,453.40'**	X:		
	Y:	**-183,710.56'**	Y:		
Latitude / Longitude	Latitude:	**28°09'38.00" N**	Latitude		
	Longitude	**91°50'26.345" W**	Longitude		
	TVD (Feet):		MD (Feet):		Water Depth (Feet): **272'**

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
N/A					

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.

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): **Well Location C**				Subsea Completion	
Anchor Radius (if applicable) in feet: **N/A**				Yes	**X** No
	Surface Location		**Bottom-Hole Location (For Wells)**		
Lease No.	OCS-G 23881		OCS-G 24913		
Area Name	Eugene Island		Eugene Island		
Block No.	336		335		
Blockline Departures (in feet)	N/S Departure	4885' FSL	N/S Departure:		
	E/W Departure	430' FWL	E/W Departure:		
Lamber X-Y coordinates	X:	1,850,208.40'	X:		
	Y:	-174,678.40'	Y:		
Latitude / Longitude	Latitude:	28°11'07.973" N	Latitude		
	Longitude	91°47'53.152" W	Longitude		
	TVD (Feet):		MD (Feet):		Water Depth (Feet): **265'**

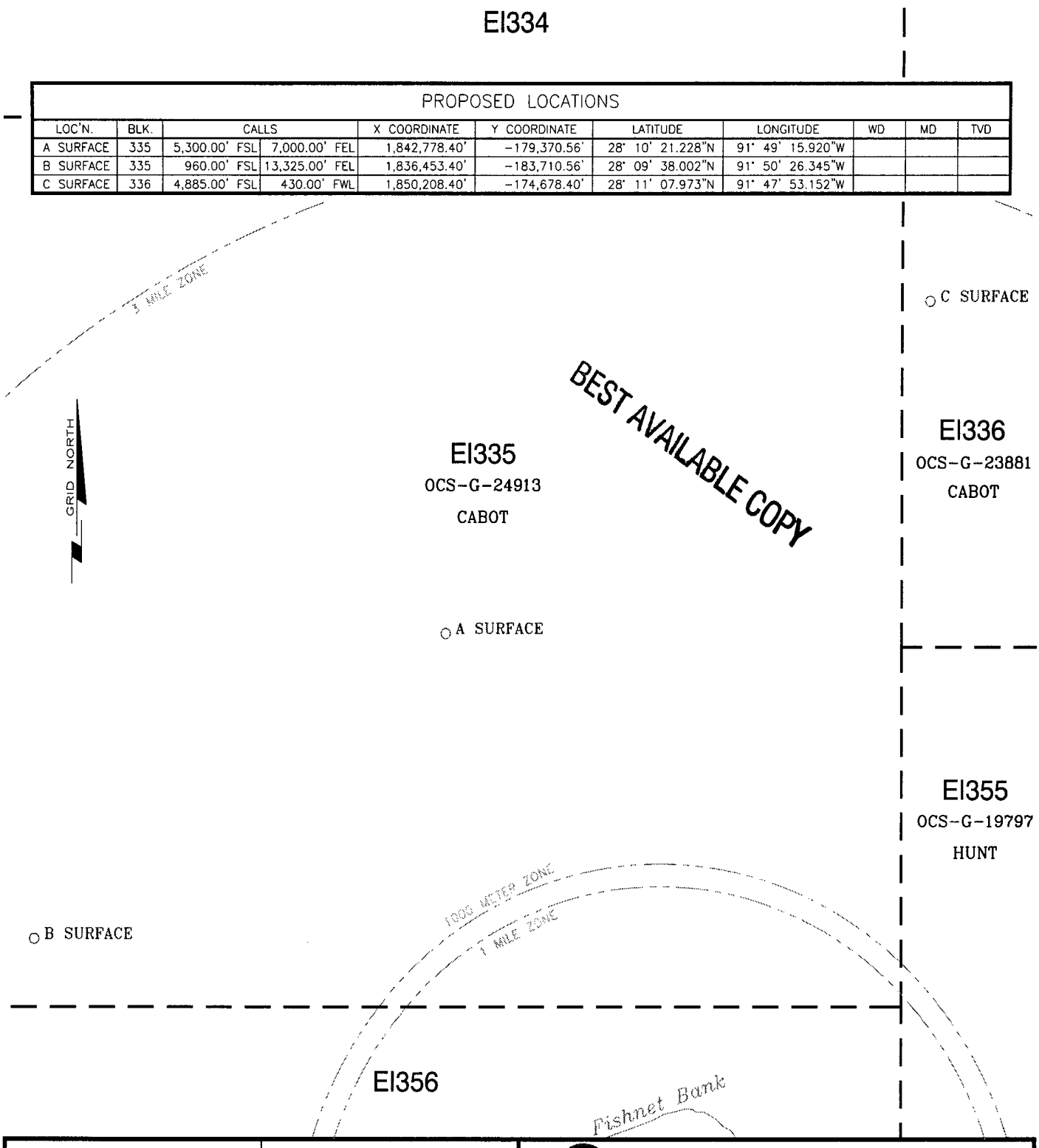
Anchor Locations for Drilling Rig or Construction Barge (If anchor radius supplied above, not necessary)

Anchor Name or No.	Area	Block	X Coordinate	Y Coordinate	Length of Anchor Chain on Seafloor
N/A					

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.

Well Location Plats

Attachment A-3
(Public Information)



PUBLIC INFORMATION

Printed: 11/13/03

Cabot Oil & Gas Corporation

EXPLORATION PLAN
OCS-G-24913 & OCS-G-23881
BLOCKS 335 & 336
EUGENE ISLAND 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

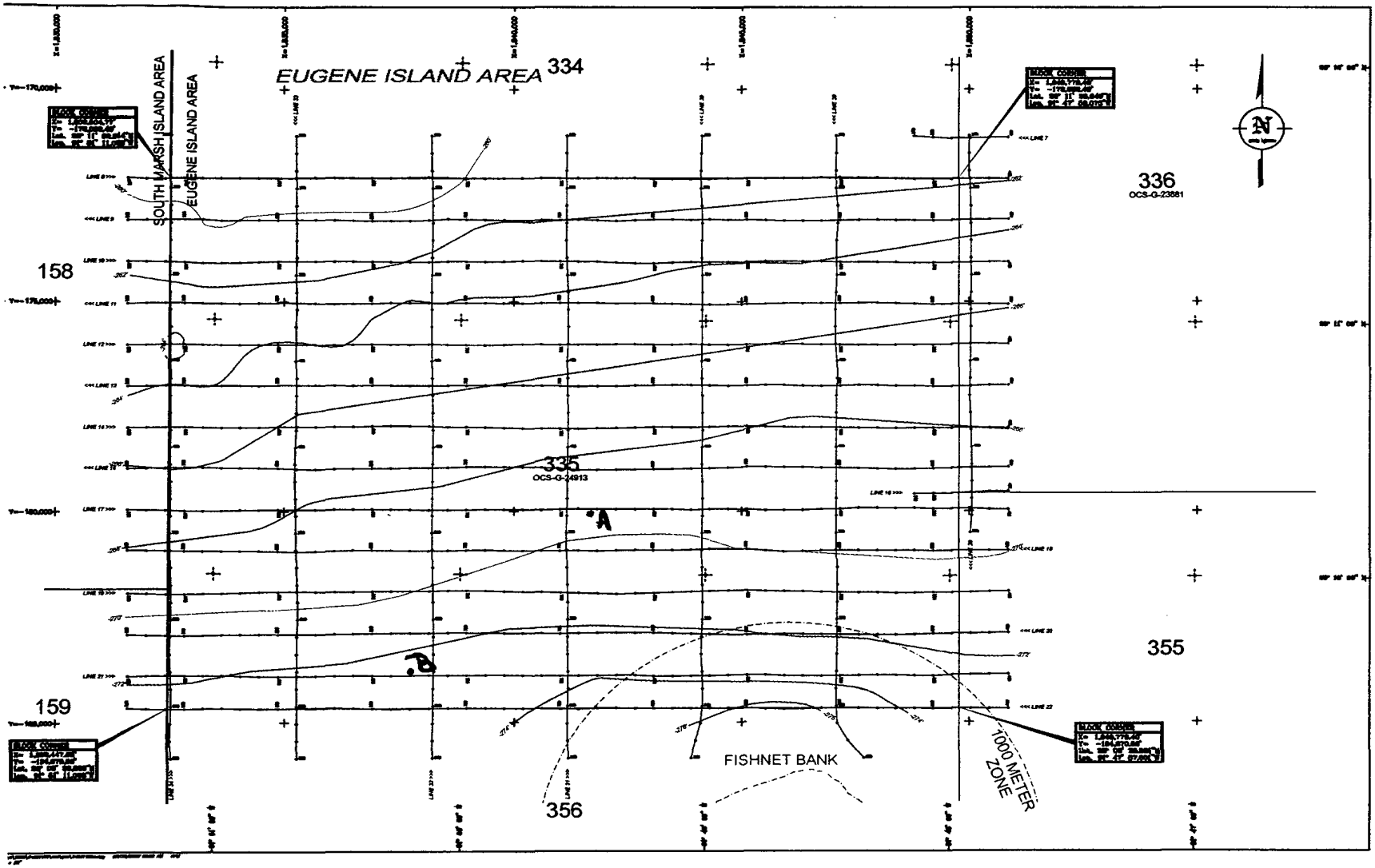
SCALE IN FEET 0 2,000'

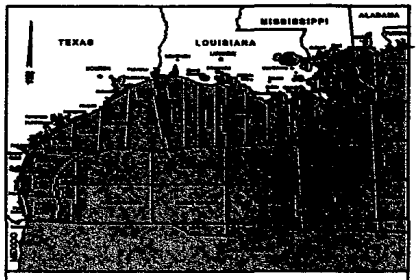
Job No.: 03-2538 | Date: 11/5/03 | Drwn: RDT | Chart: 1 Of: 1

Dwgfile: O:\WellPermit\LAs\EI\Permit\335ep-abc

Bathymetry Map

Attachment A-4
(Public Information)





LEGEND

SHOT POINT & SHOT POINT No.

CONTOUR INTERVAL = 2 FEET

ZERO DATUM = SEA LEVEL

APPLIED ACOUSTIC VELOCITY = HARMONIC MEAN

GEODESIC DATUM: NAD 1927	CENTRAL MERIDIAN: 91° 33' W
ELLIPSOID: CLARKE 1866	X ORIGIN = 2,000,000 ft. AT CENTRAL MERIDIAN
PROJECTION: LAMBERT	Y ORIGIN = 0 ft. AT 28° 42' N
ZONE: LOUISIANA SOUTH	GRID UNITS: FEET

SCALE = 1:12000

0 1000 2000 3000 4000 5000

FEET

Cabot Oil & Gas Corporation

BATHYMETRY MAP

OCS-G-24913

BLOCK 335

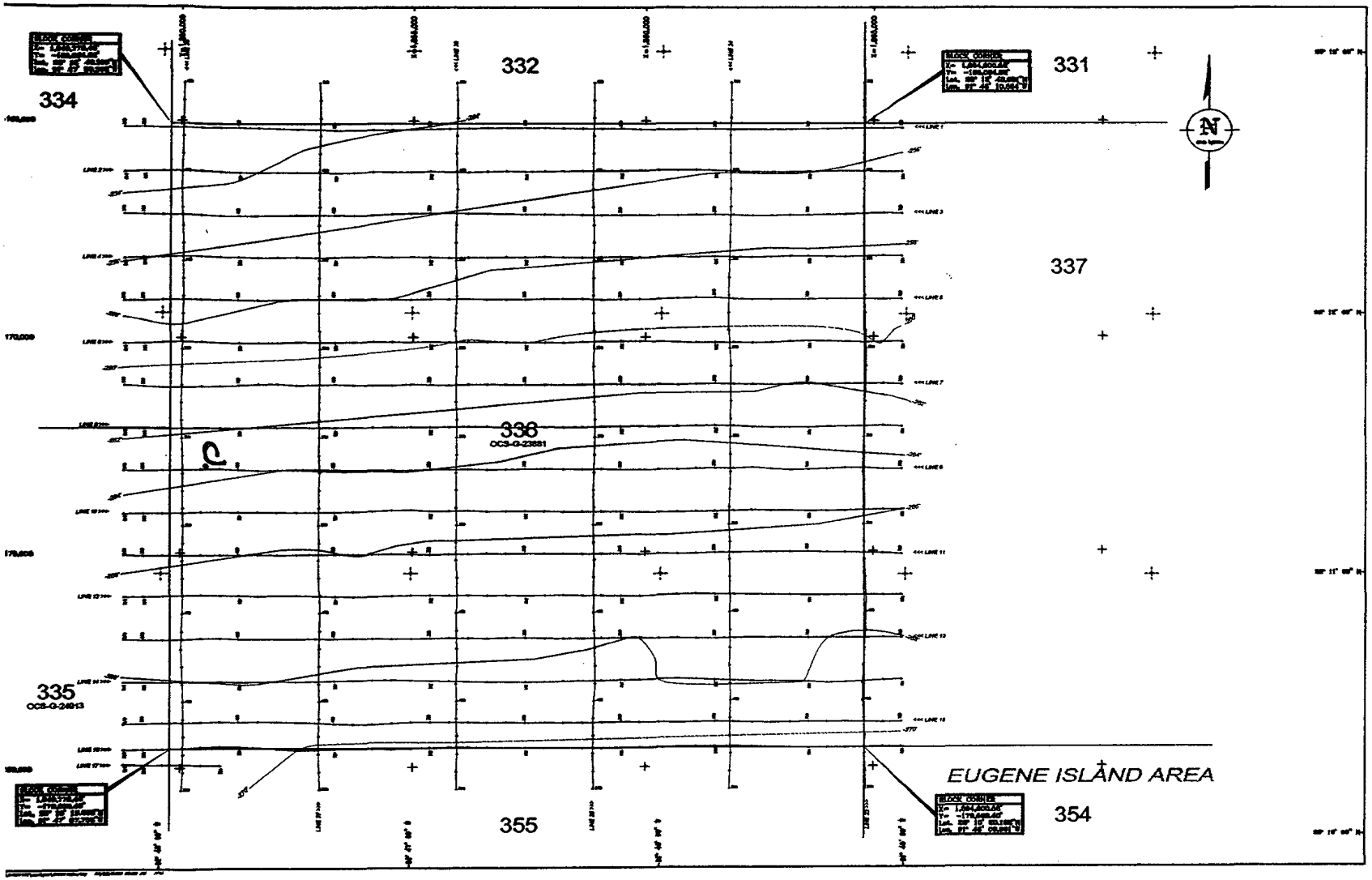
EUGENE ISLAND AREA

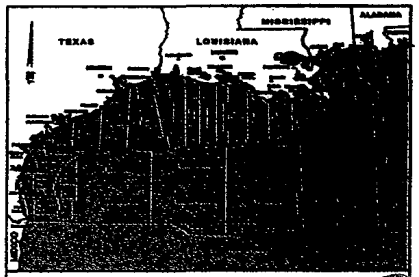
SURVEY DATES: 3/18-21/03	
SURVEY VESSEL: L'ARPENTEUR	
POSITIONING BY: FUGRO STARFIX	DRAFTED BY: F. MOUTON
INTERPRETATION BY: S. BREAUX	CHECKED BY: S. DUVAL
DATE: 7/21/03	REVISION NO.:
JOB NO.: 24031102	DWG NO.: 24031102BA.dwg

MAP 1 SHEET NO. 1 OF 1

Fugro GeoServices, Inc.

BEST AVAILABLE COPY





LEGEND

SHOT POINT & SHOT POINT No.

CONTOUR INTERVAL = 2 FEET

ZERO DATUM = SEA LEVEL

APPLIED ACOUSTIC VELOCITY = HARMONIC MEAN

GEODETIC DATUM: NAD 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

SCALE = 1:12000

0 1000 2000 3000 4000 5000

FEET

Cabot Oil & Gas Corporation

BATHYMETRY MAP

OCS-G-23681

BLOCK 336

EUGENE ISLAND AREA

SURVEY DATES: 5/18-21/03	
SURVEY VESSEL: CARPENTER	
POSITIONING BY: FUGRO STARFIX	DRAFTED BY: F. MOURON
INTERPRETATION BY: S. BREAUX	CHECKED BY: S. DUVAL
DATE: 7/22/03	REVISION NO.:
JOB NO.: 24031102	DWG NO.: 24031102fb.dwg

MAP 1 SHEET NO. 1 OF 1

Fugro GeoServices, Inc.

BEST AVAILABLE COPY

SECTION B
General Information

A. Contact

Questions or requests for additional information should be made to Cabot's authorized representative for this project:

Christine Groth
R.E.M. Solutions, Inc.
17171 Park Row, Suite 390
Houston, Texas 77084
281.492.8562 (Phone)
281.492.6117 (Fax)
christine@remsolutionsinc.com

B. Prospect Name

Cabot does not refer to prospect names for their exploratory activities.

C. New or Unusual Technology

Cabot does not propose using any new and/or unusual technology for the operations proposed in this Plan.

D. Bonding Information

In accordance with Title 30 CFR Part 256, Subpart I, Cabot elected and has on file with the Minerals Management Service Gulf of Mexico Regional Office a $3,000,000 Areawide Development Bond.

As deemed warranted, Minerals Management Service will contact the designated operator in the event a supplemental bond is required for the proposed operations, as outlined in Notice to Lessees (NTL) 2003-N06 to cover plugging liability of the wellbores, removal of associated well protector structures and site clearance.

Cabot is aware that such bonding may be imposed, and will submit accordingly upon notification from the Minerals Management Service.

E. Onshore Base and Support Vessels

The proposed surface disturbances in Eugene Island Blocks 335 and 336 will be located approximately 81.3 miles from the nearest Louisiana shoreline, and approximately 125 miles from the onshore support base to be located in Fourchon, Louisiana.

SECTION B
General Information - Continued

Cabot will use an existing onshore base to accomplish the following routine operations:

- Loading/Offloading point for equipment supporting the offshore operations,
- Dispatching personnel and equipment, and does not anticipate the need for any expansion of the selected facilities as a result of the activities proposed in this Plan,
- Temporary storage for materials and equipment
- 24-Hour Dispatcher

Personnel involved in the proposed operations will typically use their own vehicles as transportation to and from the selected onshore base; whereas the selected vendors will transport the equipment by a combination of trucks, boats and/or helicopters to the onshore base. The personnel and equipment will then be transported to the drilling rig via the transportation methods and frequencies shown below, taking the most direct route feasible as mandated by weather and traffic conditions:

Support Vessel	Drilling and Completion Trips Per Week
Crew Boat	2
Supply Boat	7
Helicopter	4

The proposed operations are temporary in nature and do not require any immediate action to acquire additional land, expand existing base facilities.

A Vicinity Plat showing the location of Eugene Island Blocks 335 and 336 relative to the shoreline and onshore base is included as ***Attachment B-1.***

F. Lease Stipulations

Under the Outer Continental Shelf Lands Act, the Minerals Management Service is charged with the responsibility of managing and regulating the exploration and development on the OCS.

As part of the regulatory process, an Environmental Impact Statement (EIS) is prepared for each lease sale, at which time mitigation measures are addressed in the form of lease stipulations, which then become part of the oil and gas lease terms and are therefore enforceable as part of that lease.

As part of this process, the designated operator proposing to conduct related exploratory and development activities, must review the applicable lease stipulations, as well as other special conditions, which may be imposed by the Minerals Management Service, and other governing agencies.

SECTION B
General Information - Continued

Leases OCS-G 24913 and 23881, Eugene Island Blocks 335 and 336 are subject to the following such stipulation and conditions:

Military Warning Area

The hold and save harmless section of the Military Areas Stipulation serves to protect the U.S. Government from liability in the event of an accident involving the designated oil and gas lease operator and military activities.

The electromagnetic emissions section of the stipulation requires the operator and its agents to reduce and curtail the use of radio or other equipment emitting electromagnetic energy within some areas.

This serves to reduce the impact of oil and gas activity on the communications of military missions and reduces the possible effects of electromagnetic energy transmissions on missile testing, tracking, and detonation.

The operational section requires notification to the military of oil and gas activity to take place within a military use area. This allows the base commander to plan military missions and maneuvers that may avoid the areas where oil and gas activities are taking place or to schedule around these activities. Prior notification helps reduce the potential impacts associated with vessels and helicopters traveling unannounced through areas where military activities are underway.

The Military Areas Stipulation reduces potential impacts, particularly in regards to safety, but does not reduce or eliminate the actual physical presence of oil and gas operations in areas where military operations are conducted.

The reduction in potential impacts resulting from this stipulation makes multiple-use conflicts most unlikely. Without the stipulation, some potential conflict is likely. The best indicator of the overall effectiveness of the stipulation may be that there has never been an accident involving a conflict between military operations and oil and gas activities.

The proposed surface disturbances in Eugene Island Blocks 335 and 336 are located within Military Warning Area W59A. Therefore, in accordance with the requirements of the referenced stipulation, Cabot will contact the Naval Air Station-JRB in order to coordinate and control the electromagnetic emissions during the proposed operations.

SECTION B
General Information - Continued

Topographic Features

The topographic features of the Central Gulf provide habitat for coral and coral community organisms. These communities could be severely and adversely impacted by oil and gas activities resulting from the proposed action if such activities took place on or near these communities without the Topographic Features Stipulation and if such activities were not mitigated. The DOI has recognized this problem for some years, and since 1973 stipulations have been made a part of leases on blocks on or near these biotic communities so that impacts from nearby oil and gas activities were mitigated to the greatest extent possible. This stipulation would not prevent the recovery of oil and gas resources, but it would serve to protect valuable and sensitive biological resources. The stipulation establishes No Activity Zones at the topographic features.

Within the No Activity Zones, no operations, anchoring, or structures are allowed. Outside the No Activity Zones, additional restrictive zones (1000-meter zone, 1-mile zone and 3-mile zone) are established within which oil and gas operations could occur, but within which drilling discharges would be shunted.

The purpose of the stipulation is to protect the biota of the topographic features from adverse effects due to routine oil and gas activities. Such effects include physical damage from anchoring and rig emplacement and potential toxic and smothering effects from drilling fluids and cuttings discharges. Experience indicates the Topographic Features Stipulation has been effective in preventing damage to the biota of these banks from routine oil and gas activities. Anchoring by the oil and gas industry on the sensitive portions of the topographic features has been prevented. Monitoring studies have demonstrated that the shunting requirements of the stipulations are effective in preventing the drilling fluids and cuttings from impacting the biota of the banks.

The activities proposed in this plan are within the "3-mile zone" of Fishnet Bank; however, Cabot does not propose to drill more than two exploration wells from the same surface location. Therefore, shunting of drill cuttings and drilling fluids is not required.

Marine Protected Species

Lease Stipulation No. 6 is to reference measures to minimize or avoid potential adverse impacts to protected species (sea turtles, marine mammals, gulf sturgeon, and other federally protected species). MMS has issued Notice to Lessees NTL 2003-G08 "Implementation of Seismic Mitigation Measures", NTL 2003-G10 "Vessel Strike Avoidance and Injured/Dead Protected Species Reporting" and NTL 2003-G11 "Marine Trash and Debris Awareness and Elimination".

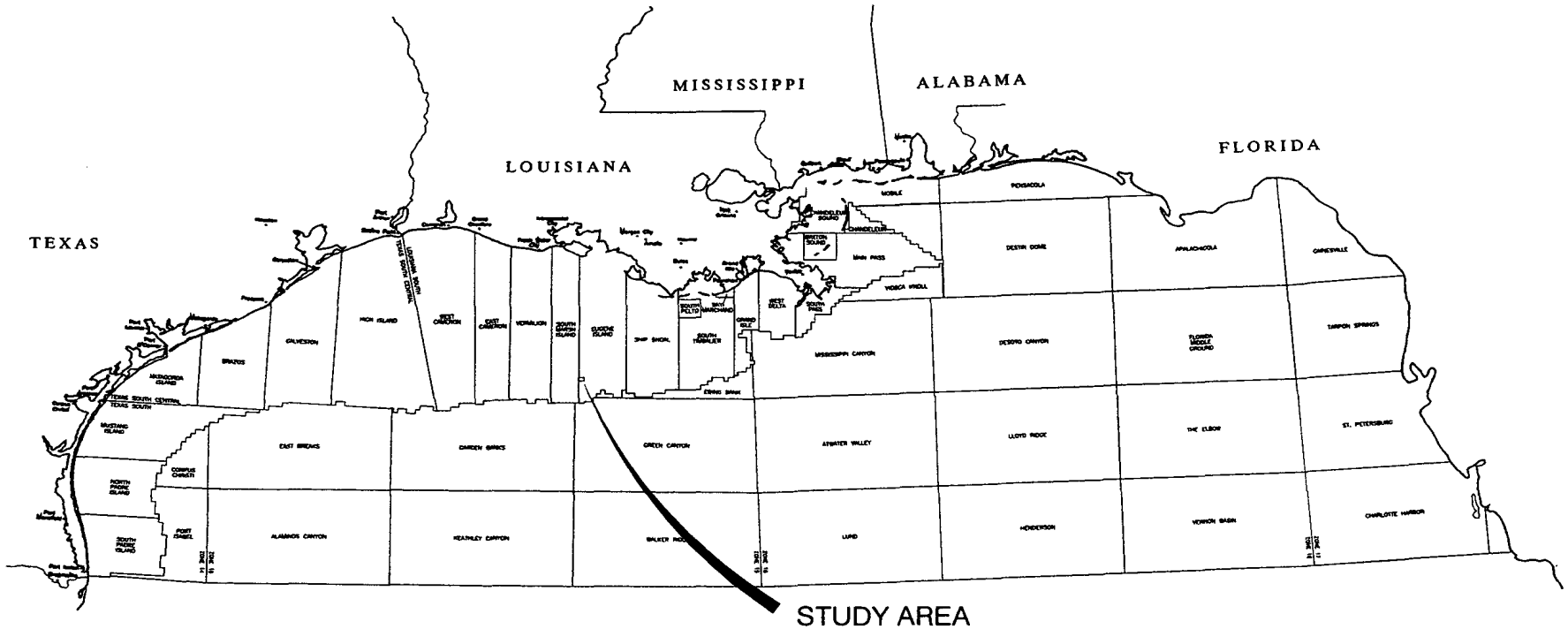
SECTION B
General Information - Continued

Special Conditions

The proposed surface disturbance activities in Eugene Island Blocks 335 and 336 will not be affected by any special conditions and/or multiple uses, such as designated shipping/anchorage areas, lightering zones, rigs-to-reef zone, and ordnance disposal zones.

Vicinity Plat

Attachment B-1
(Public Information)



REGIONAL MAP

SECTION C
Geological, Geophysical & H2S Information

A. Structure Contour Maps

Included as *Attachment C-1* are current structure maps (depth base and expressed in feet subsea) depicting the entire lease coverage area; drawn on the top of each prospective hydrocarbon sand. The maps depict each proposed bottom hole location and applicable geological cross section.

B. Interpreted Deep Seismic Lines

Included as *Attachment C-2* (original copy only) are copies of the migrated and annotated (shot point, time lines, well paths) deep seismic lines within 500 feet of the surface location.

C. Geological Structure Cross Sections

Interpreted geological cross sections depicting the proposed well locations and depths of the proposed wells are included as *Attachment C-3.* Such cross sections correspond to each seismic line being submitted.

D. Shallow Hazards Report

Fugro GeoServices, Inc. conducted a high resolution geophysical survey in Eugene Island Block 335 during May 2003 on behalf of Cabot Oil & Gas Corporation. The purpose of the survey was to evaluate geologic conditions and inspect for potential hazards or constraints to lease development.

Three (3) copies of these reports are being submitted to the Minerals Management Service under separate cover.

Fugro GeoServices, Inc. conducted a high resolution geophysical survey in Eugene Island Block 336 during May 2003 on behalf of Cabot Oil & Gas Corporation. The purpose of the survey was to evaluate geologic conditions and inspect for potential hazards or constraints to lease development.

Copies of these reports have been previously submitted to the Minerals Management Service under separate cover.

E. Shallow Hazards Assessment

A shallow hazards analysis has been prepared for the proposed surface locations, evaluating seafloor and subsurface geologic and manmade features and conditions, and is included as *Attachment C-4.*

SECTION C
Geological, Geophysical & H2S Information-Continued

F. High Resolution Seismic Lines

Included as *Attachment C-5* (original copy only) are copies of the annotated high resolution survey data lines for each surface location disturbance proposed in this Plan.

G. Stratigraphic Column

A generalized biostratigraphic/lithostratigraphic column from the seafloor to the total depth of the proposed wells is included as *Attachment C-6.*

H. Time Vs. Depth Tables

Cabot has determined that 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 are not required.

I. Hydrogen Sulfide Classification

In accordance with Title 30 CFR 250.417, Cabot requests that Eugene Island Blocks 335 and 336 be classified by the Minerals Management Service as an area where the absence of hydrogen sulfide has been confirmed based on the following wells which were drilled to the stratigraphic equivalent of the wells proposed in this Plan:

Lease	*Area/Block*	*Well No.*	*Stratigraphic Equivalent*
G 02116	EI 321	B-27, B-37(ST), and B-39	

Structure Maps

Attachment C-1
(Proprietary Information)

Deep Seismic Lines

Attachment C-2
(Proprietary Information)

Original Copy Only

Cross Section Maps

Attachment C-3
(Proprietary Information)

Shallow Hazards Statement

Attachment C-4
(Public Information)

FUGRO GEOSERVICES, INC.

200 Dulles Drive
Lafayette, LA 70506
Main: 337-237-2636
Fax : 337-268-3221

November 11, 2003

Cabot Oil & Gas Corporation
1200 Enclave Parkway
Houston, Texas 77077-1607

Attention: Greg Aggon

SUBJECT: EXPLORATION PLAN LETTER
PROPOSED WELL LOCATION A
EUGENE ISLAND AREA, BLOCK 335
FGSI JOB NO. 2403-1229

Mr. Aggon:

Fugro GeoServices, Inc. (FGSI) was contracted by Cabot Oil & Gas Corporation to prepare an Exploration Plan Letter for the proposed "A" location in Eugene Island Area (EI), Block 335 (OCS-G-24913). This letter is intended to address specific seafloor and subbottom conditions within 1,000 feet of the proposed location. Interpretation for this letter has been based on the July 2003 Hazard Survey performed by FGSI in EI-335 and EI-336 for Cabot Oil & Gas Corporation. Enclosed with this letter are copies of the Bathymetry Map and the Hazard Map from the July 2003 report with the proposed well location plotted on both maps. Also included are permit plats for the proposed well location.

Field operations were conducted on May 18 - 21, 2003 aboard the *M/V L'Arpenteur.* Horizontal positioning of the survey vessel was accomplished with the Fugro STARFIX® Satellite System which provides 24-hour operation and has a field accuracy of ± 3 meters. Seismic profiling instruments included a SSI G.I. Air Gun Sound Source, Litton 48-Channel Streamer, and an OYO Geospace DAS-1 Recording System. Other geophysical systems deployed included the EdgeTech 260-TH Side Scan Sonar, O.R.E. Geopulse 5210A Pinger Profiler, EchoTrac DF3500 Fathometer, Sea-Spy GSM-19MD Proton Magnetometer, and Sea-Bird Seacat SBE-19-01 Velocimeter. The survey grid fully covered blocks EI-335 and EI-336 and consisted of 22 east-west primary tracklines (Lines 1 - 22) spaced 300 meters (~1,000 feet) apart and 12 north-south tielines (Lines 23 - 34) spaced 900 meters (~2,953 feet) apart. Each navigation fix is 12.5 meters (41 feet) apart and every tenth fix (125 meters or 410 feet) is shown on the study maps and geophysical data. The survey grid was designed to provide complete coverage of the seafloor with the sonar and a representative sampling with all other systems. The July 2003 hazard report only addresses that part of the survey grid that covers EI-335, including approximately 1,000 feet into the surrounding blocks.

All aspects of the fieldwork were carried out in accordance with the existing Federal Guidelines at the time of the survey. This letter was prepared after review of the prior interpretations and related maps, tables, and figures from the July 2003 hazard report.

The proposed surface location is situated within the southwest quadrant of EI-335:

5,300.00' FSL	Y =	-179,370.56'	Lat:	28° 10' 21.228"N
7,000.00' FEL	X =	1,842,778.40'	Lon:	91° 49' 15.920"W

Geologic Evaluation

- The water depth at the proposed well location is 269 feet below sea level. The bathymetric contours reflect a smooth seafloor that slopes to the south at a gradient of approximately 7 feet per mile (0.08°). No irregular topographic features were observed at the proposed location.

- Seafloor soils are reported to consist of silty clay at the proposed well site (M.M.S., 1983, Visual No. 3). The Holocene seafloor sediments in the area of the proposed well site are approximately 50 feet thick.

- The proposed location is outside the boundary of two deeply buried channels. One channel is located 350 feet northwest and the other channel is located 650 feet southeast. These channels are buried 65 feet and 100 feet below the seafloor at the proposed location. These channels should not pose a hazard to bottom supported structures at the proposed well location.

- A fault is located 600 feet to the east and dipping toward the proposed location. It is likely that the well will intercept this fault at depth.

- There were no man-made features, unidentified magnetic anomalies, or side scan sonar contacts near the proposed well location.

There are no significant hazards near the proposed "A" location; however, caution should be used near channel boundaries. For additional information, please refer to the July 2003 Hazard Survey report for EI-335. Please call me at **(337) 268-3222** if you have any questions or additional request.

Sincerely,
Fugro GeoServices, Inc.

Stuart J. Breaux
Project Geologist

FUGRO GEOSERVICES, INC.

November 11, 2003

200 Dulles Drive
Lafayette, LA 70506
Main: 337-237-2636
Fax : 337-268-3221

Cabot Oil & Gas Corporation
1200 Enclave Parkway
Houston, Texas 77077-1607

Attention: Greg Aggon

SUBJECT: EXPLORATION PLAN LETTER
PROPOSED WELL LOCATION B
EUGENE ISLAND AREA, BLOCK 335
FGSI JOB NO. 2403-1229

Mr. Aggon:

Fugro GeoServices, Inc. (FGSI) was contracted by Cabot Oil & Gas Corporation to prepare an Exploration Plan Letter for the proposed "B" location in Eugene Island Area (EI), Block 335 (OCS-G-24913). This letter is intended to address specific seafloor and subbottom conditions within 1,000 feet of the proposed location. Interpretation for this letter has been based on the July 2003 Hazard Survey performed by FGSI in EI-335 and EI-336 for Cabot Oil & Gas Corporation. Enclosed with this letter are copies of the Bathymetry Map and the Hazard Map from the July 2003 report with the proposed well location plotted on both maps. Also included are permit plats for the proposed well location.

Field operations were conducted on May 18 - 21, 2003 aboard the *M/V L'Arpenteur.* Horizontal positioning of the survey vessel was accomplished with the Fugro STARFIX® Satellite System which provides 24-hour operation and has a field accuracy of ± 3 meters. Seismic profiling instruments included a SSI G.I. Air Gun Sound Source, Litton 48-Channel Streamer, and an OYO Geospace DAS-1 Recording System. Other geophysical systems deployed included the EdgeTech 260-TH Side Scan Sonar, O.R.E. Geopulse 5210A Pinger Profiler, EchoTrac DF3500 Fathometer, Sea-Spy GSM-19MD Proton Magnetometer, and Sea-Bird Seacat SBE-19-01 Velocimeter. The survey grid fully covered blocks EI-335 and EI-336 and consisted of 22 east-west primary tracklines (Lines 1 - 22) spaced 300 meters (~1,000 feet) apart and 12 north-south tielines (Lines 23 - 34) spaced 900 meters (~2,953 feet) apart. Each navigation fix is 12.5 meters (41 feet) apart and every tenth fix (125 meters or 410 feet) is shown on the study maps and geophysical data. The survey grid was designed to provide complete coverage of the seafloor with the sonar and a representative sampling with all other systems. The July 2003 hazard report only addresses that part of the survey grid that covers EI-335, including approximately 1,000 feet into the surrounding blocks.

All aspects of the fieldwork were carried out in accordance with the existing Federal Guidelines at the time of the survey. This letter was prepared after review of the prior interpretations and related maps, tables, and figures from the July 2003 hazard report.

The proposed surface location is situated within the southwest quadrant of EI-335:

960.00' FSL	Y =	-183,710.56'	Lat:	28° 09 38.002"N
13,235.00' FEL	X =	1,836,453.40'	Lon:	91° 50' 26.345"W

Geologic Evaluation

- The water depth at the proposed well location is 272 feet below sea level. The bathymetric contours reflect a smooth seafloor that slopes to the south at a gradient of approximately 7 feet per mile (0.08°). No irregular topographic features were observed at the proposed location.

- Seafloor soils are reported to consist of silty clay at the proposed well site (M.M.S., 1983, Visual No. 3). The Holocene seafloor sediments in the area of the proposed well site are approximately 50 feet thick.

- The proposed location is within the boundary of two deeply buried channels. These channels are buried 110 feet and 150 feet below the seafloor at the proposed location. These channels should not pose a hazard to bottom supported structures.

- The GOM Shelf 6-inch pipeline is located approximately 1,100 feet northwest of the proposed location. Caution should be used to avoid this pipeline.

- There were no man-made, unidentified magnetic anomalies, or side scan sonar contacts near the proposed well location.

There are no significant hazards near the proposed "B" location; however, caution should be used near the GOM Shelf 6-inch pipeline to the northwest. For additional information, please refer to the July 2003 Hazard Survey report for EI-335. Please call me at **(337) 268-3222** if you have any questions or additional request.

Sincerely,
Fugro GeoServices, Inc.

Stuart J. Breaux
Project Geologist

FUGRO GEOSERVICES, INC.

200 Dulles Drive
Lafayette, LA 70506
Main: 337-237-2636
Fax : 337-268-3221

November 11, 2003

Cabot Oil & Gas Corporation
1200 Enclave Parkway
Houston, Texas 77077-1607

Attention: Greg Aggon

SUBJECT: EXPLORATION PLAN LETTER
PROPOSED WELL "C" LOCATION
EUGENE ISLAND AREA, BLOCK 336
FGSI JOB NO. 2403-1229

Mr. Aggon:

Fugro GeoServices, Inc. (FGSI) was contracted by Cabot Oil & Gas Corporation to prepare an Exploration Plan Letter for the proposed "C" location in Eugene Island Area (EI), Block 336 (OCS-G-23881). This letter is intended to address specific seafloor and subbottom conditions within 1,000 feet of the proposed location. Interpretation for this letter has been based on the July 2003 Hazard Survey performed by FGSI in EI-335 and EI-336 for Cabot Oil & Gas Corporation. Enclosed with this letter are copies of the Bathymetry Map and the Hazard Map from the July 2003 report with the proposed well location plotted on both maps. Also included are permit plats for the proposed well location.

Field operations were conducted on May 18 - 21, 2003 aboard the *M/V L'Arpenteur*. Horizontal positioning of the survey vessel was accomplished with the Fugro STARFIX® Satellite System which provides 24-hour operation and has a field accuracy of ± 3 meters. Seismic profiling instruments included a SSI G.I. Air Gun Sound Source, Litton 48-Channel Streamer, and an OYO Geospace DAS-1 Recording System. Other geophysical systems deployed included the EdgeTech 260-TH Side Scan Sonar, O.R.E. Geopulse 5210A Pinger Profiler, EchoTrac DF3500 Fathometer, Sea-Spy GSM-19MD Proton Magnetometer, and Sea-Bird Seacat SBE-19-01 Velocimeter. The survey grid fully covered blocks EI-335 and EI-336 and consisted of 22 east-west primary tracklines (Lines 1 - 22) spaced 300 meters (~1,000 feet) apart and 12 north-south tielines (Lines 23 - 34) spaced 900 meters (~2,953 feet) apart. Each navigation fix is 12.5 meters (41 feet) apart and every-tenth fix (125 meters or 410 feet) is shown on the study maps and geophysical data. The survey grid was designed to provide complete coverage of the seafloor with the sonar and a representative sampling with all other systems. The July 2003 hazard report only addresses that part of the survey grid that covers EI-336, including approximately 1,000 feet into the surrounding blocks.

All aspects of the fieldwork were carried out in accordance with the existing Federal Guidelines at the time of the survey. This letter was prepared after review of the prior interpretations and related maps, tables, and figures from the July 2003 hazard report.

The proposed surface location is situated near the western boundary of EI-336:

4,885.00' FSL	Y =	-174,678.40'	Lat:	28° 11' 07.973"N
430.00' FWL	X =	1,850,208.40'	Lon:	91° 47' 53.152"W

Geologic Evaluation

- The water depth at the proposed well location is -265 feet below sea level. The bathymetric contours reflect a smooth seafloor that slopes to the south at an approximately gradient 6 feet per mile (0.06°). No irregular topographic features were observed at the proposed location.

- Seafloor soils are reported to consist of silty clay at the proposed well site (M.M.S., 1983, Visual No. 3). The Holocene seafloor sediments in the area of the proposed well site are approximately 50 feet thick.

- The proposed location is within the boundaries of a channel buried 85 feet below the seafloor. The boundaries lie 300 feet to the northwest and 350 to the southeast.

- The Murphy 6-inch pipeline is located 322 feet northwest of the proposed location. Caution should be used to avoid this pipeline.

- There were no unidentified magnetic anomalies or side scan sonar contacts near the proposed well location.

There are no significant hazards near the proposed "C" location; however, caution should be used near the Murphy 6-inch pipeline to the northwest and the channel boundaries. For additional information, please refer to the July 2003 Hazard Survey report for EI-336. Please call me at **(337) 268-3222** if you have any questions or additional request.

Sincerely,
Fugro GeoServices, Inc.

Stuart J. Breaux
Project Geologist

Shallow Hazards Lines

Attachment C-5
(Proprietary Information)

Original Copy Only

Stratigraphic Column

Attachment C-6
(Proprietary Information)

SECTION D
Biological and Physical Information

A. Chemosynthetic Information

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

B. Topographic Features 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.

The activities proposed in this Plan are located within the 3-Mile Zone of the Fishnet Bank and the bottom disturbing activities are not located within 1-mile zone or the no activity zone of this bank.

SECTION D
Biological and Physical Information-Continued

C. Live Bottom (Pinnacle Trend) Information

Certain leases are located in areas characterized by the existence of live bottoms. Live bottom areas are defined as seagrass communities; those areas that contain biological assemblages consisting of sessile invertebrates living upon and attached to naturally occurring hard or rocky formations with rough, broken, or smooth topography; and areas where the lithotope favors the accumulation of turtles, fishes, or other fauna. These leases contain a Live Bottom Stipulation to ensure that impacts from nearby oil and gas activities on these live bottom areas are mitigated to the greatest extent possible.

For each affected lease, the Live Bottom Stipulation requires that you prepare a live bottom survey report containing a bathymetry map prepared by using remote sensing techniques. This report must be submitted to the Gulf of Mexico OCS Region (GOMR) before you may conduct any drilling activities or install any structure, including lease term pipelines in accordance with NTL 99-G16.

Eugene Island Blocks 335 and 336 are not located within the vicinity of a proposed live bottom area.

D. Remotely Operated Vehicle (ROV Surveys)

Pursuant to NTL No. 2003-G03, operators my be required to conduct remote operated vehicle (ROV) surveys during pre-spudding and post-drilling operations for the purpose of biological and physical observations.

Eugene Island Blocks 335 and 336 are not located within an area where ROV Surveys are required.

E. Archaeological Reports

Eugene Island Blocks 335 and 336 are not located within a high probability area for potential archaeological resources. Therefore, an archaeological report is not required.

SECTION E
Wastes and Discharge/Disposal Information

The Minerals Management Service (MMS), U. S. Coast Guard (USCG) and the U.S. Environmental Protection Agency (EPA) regulate the overboard discharge and/or disposal of operational waste associated with drilling, completing, testing and/or production operations from oil and gas exploration and production activities.

Minerals Management Service regulations contained in Title 30 CFR 250.300 require operators to "prevent the unauthorized discharge of pollutants into offshore waters". These same regulations prohibit the intentional disposal of "equipment, cables, chains, containers, or other materials" offshore. Small items must be stored and transported in clearly marked containers and large objects must be individually marked. Additionally, items lost overboard must be recorded in the facility's daily log and reported to MMS as appropriate.

U. S. Coast Guard regulations implement the Marine Pollution Research and Control Act (MARPOL) of 1987 requiring manned offshore rigs, platforms and associated vessels prohibit the dumping of all forms of solid waste at sea with the single exception of ground food wastes, which can be discharged if the facility is beyond 12 nautical miles from the nearest shore. This disposal ban covers all forms of solid waste including plastics, packing material, paper, glass, metal, and other refuse. These regulations also require preparation, monitoring and record keeping requirements for garbage generated on board these facilities. The drilling contractor must 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.

U. S. Environmental Protection Agency regulations address the disposal of oil and gas operational wastes under three Federal Acts. The Resource Conservation and Recovery Act (RCRA), which 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 under the authority of the Clean Water Act. And, when injected underground, oil and gas operational wastes are regulated by 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. Cabot has requested coverage under the Region VI NPDES General Permit GMG290000 for discharges associated with exploration and development activities in Eugene Island Blocks 335 and 336 and will take applicable steps to ensure all offshore discharges associated with the proposed operations will be conducted in accordance with the permit.

SECTION E
Wastes and Discharge/Disposal Information-Continued

A. Composition of Solid and Liquid Wastes

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 associated wastes 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).

The type of discharges included in this permit application allow for the following effluents to be discharged overboard, subject to certain limitations, prohibitions and recordkeeping requirements.

Overboard Discharges

In accordance with NTL 2003-G17, overboard discharges generated by the activities are not required for submittal in this Plan.

Disposed Wastes

The wastes detailed in *Attachment E-1* are those wastes generated by our proposed activities that are disposed of by means of offsite release, injection, encapsulation, or placement at either onshore or offshore permitted locations for the purpose of returning them back to the environment.

Cabot will manifest these wastes prior to being offloaded from the MODU, and transported to shore for disposal at approved sites regulated by the applicable State. Additionally, Cabot will comply with any approvals or reporting and recordkeeping requirements imposed by the State where ultimate disposal will occur.

Waste & Discharge Tables

Attachment E-1
(Public Information)

Cabot Oil & Gas Corporation
Eugene Island Blocks 335 and 336
Examples of Wastes and Discharges Information

Table 1. Disposal Table (Wastes to be disposed of, not discharged)

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	1,000 bbl/well	200 bbl/day	Newpark Environmental Fourchon, LA	Transport to shore in barge tanks to a land farm
Spent synthetic-based drilling fluids and cuttings	1,000 bbl/well	200 bbl/day	Newpark Environmental Fourchon, LA	Transport to shore base in cuttings boxes on crew boat then inject down hole at offshore waste disposal facility
Oil-contaminated produced sand	200 lb/yr	0.6 bbl/day	Newpark Environmental Fourchon, LA	Store in a cuttings box and transport to a land farm
Waste Oil	200 bbl/yr	0.5 bbl/yr	Newpark Environmental Fourchon, LA	Pack in drums and transported to an onshore Incineration site
Produced Water	250,000 bbl/yr	1,000 bbl/day	Eugene Island Blocks 335 and 336	Transport by vessel and inject at Eugene Island Blocks 335 and 336
Produced Water	250,000 bbl/yr	1,000 bbl/day	Eugene Island Blocks 335 and 336	Pipe to a well on-lease, inject down hole
Norm – contaminated wastes	1 ton	Not applicable	Eugene Island Blocks 335 and 336	Transport to a transfer station via dedicated barge
Trash and debris	1,000 ft^3	3 ft^3/day	Newpark Environmental Fourchon, LA	Transport in storage bins on crew boat to disposal facility
Chemical product wastes	50 bbl/yr	2 bbl/day	Newpark Environmental Fourchon, LA	Transport in containers to shore location
Chemical product wastes	100 bbl	2 bbl/day	Newpark Environmental Fourchon, LA	Transport in barrels on crew boat to shore location

*can be expressed as a volume, weight, or rate

SECTION F
Oil Spill Response and Chemical Information

A. Regional Oil Spill Response Plan (OSRP) Information

Effective August 19, 2003 Minerals Management Service approved Cabot Oil & Gas Corporation's (Cabot's) Regional Oil Spill Response Plan (OSRP). Cabot Oil & Gas Corporation is the only entity covered under this OSRP. Activities proposed in this Joint Initial/Supplemental Exploration Plan will be covered by the Regional OSRP.

B. Oil Spill Removal Organizations (OSRO)

Cabot utilizes Clean Gulf Associates (CGA) as its primary provider for equipment, which is an industry cooperative owning an inventory of oil spill clean-up equipment. CGA is supported by the Marine Spill Response Corporation's (MSRC), which is responsible for storing, inspecting, maintaining and dispatching CGA's equipment. The MSRC STARS network provides for the closest available personnel, as well as an MSRC supervisor to operate the equipment.

C. Worst-Case Scenario Comparison (WCD)

Category	*Current Regional OSRP WCD*	*Proposed Exploration Plan WCD*
Type of Activity	Drilling/Completion/Testing	Drilling/Completion/Testing
Facility Surface Location	Eugene Island Block 277	Eugene Island Blocks 335 and 336
Facility Description	Jack-Up Rig	Jack-Up Rig
Distance to Nearest Shoreline (Miles)	55	81.3
Volume: Storage Tanks (total) Facility Piping (total) Lease Term Pipeline Uncontrolled Blowout (day) **Potential 24 Hour Volume (Bbls.)**	1050 bbls	1000 bbls
Type of Liquid Hydrocarbon	Condensate	Condensate
API Gravity	45°	50°

SECTION F
Oil Spill Response and Chemical Information-Continued

Due to the estimated flow rates from an exploratory well blowout are speculative and temporary in nature, Cabot will not modify their Regional OSRP to change the WCD.

Since Cabot has the capability to respond to the worst-case discharge (WCD) spill scenario included in its Regional OSRP approved on August 19, 2003, and since the worst-case scenario determined for our EP does not replace the worst-case scenario in our Regional OSRP, I hereby certify that Cabot has the capability to respond, to the maximum extent practicable, to a worst-case discharge, or a substantial threat of such a discharge, resulting from the activities proposed in our EP.

D. Facility Tanks, Production Vessels

The following table details the *tanks* (capacity greater than 25 bbls. or more) to be used to support the proposed activities (MODU and barges):

Type of Storage Tank	Type of Facility	Tank Capacity (bbls)	Number of Tanks	Total Capacity (bbls)	Fluid Gravity (API)
Fuel Oil	MODU	250	2	500	38° (Diesel)

E. Spill Response Sites

According to NTL G2003-G17, this section of the Plan is not applicable to the proposed operations.

F. Diesel Oil Supply Vessels

According to NTL G2003-G17, this section of the Plan is not applicable to the proposed operations.

G. Support Vessel Fuel Tanks

According to NTL G2003-G17, this section of the Plan is not applicable to the proposed operations.

H. Produced Liquid Hydrocarbon Transportation Vessels

Cabot is proposing to conduct well testing operations on the proposed well locations. This process will include flaring the produced gas hydrocarbons and burning the liquid hydrocarbons.

SECTION F
Oil Spill Response and Chemical Information (Continued)

I. Oil and Synthetic-Based Drilling Fluids

According to NTL G2003-G17, this section of the Plan is not applicable to the proposed operations.

J. Oil Characteristics

According to NTL G2003-G17, this section of the Plan is not applicable to the proposed operations.

I. Blowout Scenario

According to NTL G2003-G17, this section of the Plan is not applicable to the proposed operations.

L. Spill Discussion for NEPA Analysis

According to NTL G2003-G17, this section of the Plan is not applicable to the proposed operations.

M. Pollution Prevention Measures

According to NTL G2003-G17, this section of the Plan is not applicable to the proposed operations.

N. FGBNMS Monitoring Plans

According to NTL G2003-G17, this section of the Plan is not applicable to the proposed operations.

SECTION G
Air Emissions Information

The primary air pollutants associated with OCS exploration activities are:

- Carbon Monoxide
- Particulate Matter
- Sulphur Oxides
- Nitrogen Oxides
- Volatile Organic Compounds

These offshore air emissions result mainly from the drilling rig operations, helicopters, and support 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.

A. Calculating Emissions

Included as *Attachment G-1* is the Projected Air Quality Emissions Report (Form MMS-138) addressing drilling, completion and potential testing operations utilizing a typical jack-up drilling unit, with related support vessels and construction barge information.

B. Screening Questions

As evidenced by *Attachment G-1*, the worksheets were completed based on the proposed flaring and burning operations.

C. Emission Reduction Measures

The projected air emissions are within the exemption level; therefore, no emission reduction measures are being proposed.

D. Verification of Non-Default Emissions Factors

Cabot has elected to use the default emission factors as provided in *Attachment G-1.*

E. Non-Exempt Activities

The proposed activities are within the exemption amount as provided in *Attachment G-1.*

SECTION G
Air Emissions Information-Continued

F. Review of Activities with Emissions Below the Exemption Level

The proposed activities are below the exemption amount and should not affect the air quality of an onshore area, as provided in *Attachment G-1.*

G. Modeling Report

The proposed activities are below the exemption amount and should not affect the air quality of an onshore area.

SECTION H
Environmental Impact Analysis-Continued

B. VICINITY OF OFFSHORE LOCATION ANALYSES

1. Designated Topographic Features

The crests of designated topographic features in the northern Gulf are found below 10 m. The activities proposed in this Plan are located within the 3-mile of the Fishnet Bank. Included in Section A of this Plan is the well location plat and bathymetry map depicting the surface location of each proposed well.

In the event of an accidental oil spill from the proposed activities, the gravity of such oil (high gravity condensate and/or diesel fuel) would rise to the surface, quickly dissipate, and/or be swept clear by the currents moving around the bank; thereby avoiding the sessile biota. In the event of an unanticipated blowout resulting in an oil spill, it is unlikely to have an impact based on the industry wide standards for using proven equipment and technology for such responses, implementation of Cabot's Regional Oil Spill Response Plan which address available equipment and personnel, techniques for containment and recovery, and removal of the oil spill. Cabot's Regional Oil Spill Response Plan will be updated to include the proposed exploratory activities within the Flower Garden Banks National Marine Sanctuary, and required precautionary measures will be implemented.

2. Pinnacle Trend Live Bottoms

There are no anticipated effluents, physical disturbances to the seafloor, and accidents from the proposed activities that could cause impacts to a pinnacle trend area. The proposed surface disturbances within Eugene Island Blocks 335 and 336 are located a significant distance (> 100 miles) from the closest pinnacle trend live bottom stipulated block. The crests of the pinnacle trend area are much deeper than 20 m. In the event of an accidental oil spill from the proposed activities, the gravity of such oil (high gravity condensate and/or diesel fuel) would rise to the surface, quickly dissipate, and/or be swept clear by currents moving around the bank; and thus not impacting the pinnacles.

3. Eastern Gulf Live Bottoms

There are no anticipated effluents, physical disturbances to the seafloor, and accidents from the proposed activities that could cause impacts to Eastern Gulf live bottoms. The proposed surface disturbances within Eugene Island Blocks 335 and 336 are located a significant distance (>100 miles) from the closest pinnacle Eastern Gulf live bottom stipulated block. In the event of an accidental oil spill from the proposed activities, the gravity of such oil (high gravity condensate and/or diesel fuel) would rise to the surface, quickly dissipate, and/or be swept clear by currents moving around the bank; and would not be expected to cause adverse impacts to Eastern Gulf live bottoms because of the depth of the features and dilutions of spills.

Air Quality Emissions Report

Attachment G-1
(Public Information)

EXPLORATION PLAN (EP)
AIR QUALITY SCREENING CHECKLIST

OMB Control No. 1010-0049
OMB Approval Expires: September 30, 2003

COMPANY	Cabot Oil & Gas Corporation
AREA	Eugene Island
BLOCK	335/336
LEASE	OCS-G 24913/23881
RIG	Jack-Up
WELL	A, B & C
COMPANY CONTACT	Christine Groth, R.E.M. Solutions, Inc.
TELEPHONE NO.	281.492.8562
REMARKS	Drill, complete, potentially test three (3) wells and install minimal well protector structures.

Screening Questions for EP's	Yes	No
Is any calculated Complex Total (CT) Emission amount (in tons associated with your proposed exploration activities more than 90% of the amounts calculated using the following formulas: CT = $3400D^{2/3}$ for CO, and CT = 33.3D for the other air pollutants (where D = distance to shore in miles)?		X
Does your emission calculations include any emission reduction measures or modified emission factors?		X
Are your proposed exploration activities located east of 87.5° W longitude?		X
Do you expect to encounter H_2S at concentrations greater than 20 parts per million (ppm)?		X
Do you propose to flare or vent natural gas for more than 48 continuous hours from any proposed well?	X	
Do you propose to burn produced hydrocarbon liquids?	X	

Air Pollutant		Plan Emission Amounts[1] (tons)	Calculated Exemption Amounts[2] (tons)		Calculated Complex Total Emission Amounts[3] (tons)
Carbon monoxide (CO)		149.43	63807.63		NA
Particulate matter (PM)		19.44	2707.29		NA
Sulphur dioxide (SO_2)		92.87	2707.29		NA
Nitrogen oxides (NOx)		660.02	2707.29		NA
Volatile organic compounds (VOC)		20.63	2707.29		NA

[1] For activities proposed in your EP or DOCD, list the projected emissions calculated from the worksheets.
[2] List the exemption amounts in your proposed activities calculated using the formulas in 30 CFR 250.303(d).
[3] List the complex total emissions associated with your proposed activities calculated from the worksheets.

EMISSIONS CALCULATIONS 1ST YEAR

COMPANY	AREA	BLOCK	LEASE	PLATFORM	WELL		CONTACT	PHONE	REMARKS
Cabot Oil & Gas Corporat	Eugene Island	335/336	OCS-G 24913/2	Jack-Up	A, B & C		Christine Groth, R.E.M. Solutions	281.492.8562	

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	13214.88	24	17	8.04	36.86	276.21	8.29	60.26	1.64	7.52	56.35	1.69	12.29
	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	[redacted]	[redacted]	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)	2065	99.7395	2393.75	8	5	1.46	6.68	50.03	1.50	10.92	0.03	0.13	1.00	0.03	0.22
	VESSELS>600hp diesel(supply)	2065	99.7395	2393.75	10	17	1.46	6.68	50.03	1.50	10.92	0.12	0.57	4.25	0.13	0.93
	VESSELS>600hp diesel(tugs)	4200	202.86	4868.64	12	1	2.96	13.58	101.76	3.05	22.20	0.02	0.08	0.61	0.02	0.13
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
	MISC.	BPD	SCF/HR	COUNT												
	TANK-	0	[redacted]	[redacted]	0	0				0.00					0.00	
DRILLING WELL TEST	OIL BURN	0	[redacted]	[redacted]	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	GAS FLARE	[redacted]	0	[redacted]	0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
2003	YEAR TOTAL						**13.91**	**63.80**	**478.04**	**14.34**	**104.30**	**1.81**	**8.30**	**62.21**	**1.87**	**13.57**
EXEMPTION CALCULATION	**DISTANCE FROM LAND IN MILES** 81.3											**2707.29**	**2707.29**	**2707.29**	**2707.29**	**63807.63**

EMISSIONS CALCULATIONS 2ND YEAR

COMPANY	AREA	BLOCK	LEASE	PLATFORM	WELL		CONTACT			PHONE	REMARKS					
Cabot Oil & Gas Corpora	Eugene Island	335/336	OCS-G 24913/2	Jack-Up	A, B & C		Christine Groth, R.E.M. Solutions			281.492.8562						
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	13214.88	24.00	181.00	8.04	36.86	276.21	8.29	60.26	17.45	80.06	599.93	18.00	130.89
	PRIME MOVER>600hp diesel	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PRIME MOVER>600hp diesel	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PRIME MOVER>600hp diesel	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(crew)	2065	99.7395	2393.75	8.00	52.00	1.46	6.68	50.03	1.50	10.92	0.30	1.39	10.41	0.31	2.27
	VESSELS>600hp diesel(supply)	2065	99.7395	2393.75	10.00	181.00	1.46	6.68	50.03	1.50	10.92	1.32	6.04	45.28	1.36	9.88
	VESSELS>600hp diesel(tugs)	4200	202.86	4868.64	12.00	3.00	2.96	13.58	101.76	3.05	22.20	0.05	0.24	1.83	0.05	0.40
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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(supply)	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	MISC.	BPD	SCF/HR	COUNT												
	TANK-	0			0	0				0.00					0.00	
DRILLING	OIL BURN	250			24	6	4.38	71.15	20.83	0.10	2.19	0.32	5.12	1.50	0.00	0.16
WELL TEST	GAS FLARE		208333.33		24	6		0.12	14.87	12.56	80.94		0.01	1.07	0.90	5.83
2004 YEAR TOTAL							18.28	135.07	513.75	27.01	187.42	19.44	92.87	660.02	20.63	149.43
EXEMPTION CALCULATION	DISTANCE FROM LAND IN MILES											2707.29	2707.29	2707.29	2707.29	63807.63
	81.3															

SUMMARY

COMPANY	AREA	BLOCK	LEASE	PLATFORM	WELL
Cabot Oil & Gas Corporation	Eugene Island	335/336	OCS-G 24913/23881	Jack-Up	A, B & C

Year	Emitted Substance				
	PM	SOx	NOx	VOC	CO
2003	1.81	8.30	62.21	1.87	13.57
2004	19.44	92.87	660.02	20.63	149.43
Allowable	2707.29	2707.29	2707.29	2707.29	63807.63

SECTION H
Environmental Impact Analysis-Continued

B. VICINITY OF OFFSHORE LOCATION ANALYSES

1. Designated Topographic Features

The crests of designated topographic features in the northern Gulf are found below 10 m. The activities proposed in this Plan are located within the 3-mile of the Fishnet Bank. Included in Section A of this Plan is the well location plat and bathymetry map depicting the surface location of each proposed well.

In the event of an accidental oil spill from the proposed activities, the gravity of such oil (high gravity condensate and/or diesel fuel) would rise to the surface, quickly dissipate, and/or be swept clear by the currents moving around the bank; thereby avoiding the sessile biota. In the event of an unanticipated blowout resulting in an oil spill, it is unlikely to have an impact based on the industry wide standards for using proven equipment and technology for such responses, implementation of Cabot's Regional Oil Spill Response Plan which address available equipment and personnel, techniques for containment and recovery, and removal of the oil spill. Cabot's Regional Oil Spill Response Plan will be updated to include the proposed exploratory activities within the Flower Garden Banks National Marine Sanctuary, and required precautionary measures will be implemented.

2. Pinnacle Trend Live Bottoms

There are no anticipated effluents, physical disturbances to the seafloor, and accidents from the proposed activities that could cause impacts to a pinnacle trend area. The proposed surface disturbances within Eugene Island Blocks 335 and 336 are located a significant distance (> 100 miles) from the closest pinnacle trend live bottom stipulated block. The crests of the pinnacle trend area are much deeper than 20 m. In the event of an accidental oil spill from the proposed activities, the gravity of such oil (high gravity condensate and/or diesel fuel) would rise to the surface, quickly dissipate, and/or be swept clear by currents moving around the bank; and thus not impacting the pinnacles.

3. Eastern Gulf Live Bottoms

There are no anticipated effluents, physical disturbances to the seafloor, and accidents from the proposed activities that could cause impacts to Eastern Gulf live bottoms. The proposed surface disturbances within Eugene Island Blocks 335 and 336 are located a significant distance (>100 miles) from the closest pinnacle Eastern Gulf live bottom stipulated block. In the event of an accidental oil spill from the proposed activities, the gravity of such oil (high gravity condensate and/or diesel fuel) would rise to the surface, quickly dissipate, and/or be swept clear by currents moving around the bank; and would not be expected to cause adverse impacts to Eastern Gulf live bottoms because of the depth of the features and dilutions of spills.

SECTION H
Environmental Impact Analysis-Continued

4. Chemosynthetic Communities

Water depths in Eugene Island Blocks 335 and 336 ranges from 260 feet to 276 feet. Therefore, the proposed activities are not located within the vicinity of any known chemosynthetic communities, which typically occur in water depths greater than 400 meters.

5. Water Quality

Accidental oil spill releases from the proposed activities, and cumulative similar discharge activity within the vicinity could potentially cause impacts to water quality. It is unlikely that an accidental oil spill release would occur from the proposed activities. In the event of such a release, the water quality would be temporarily affected by the dissolved components and small droplets. Currents and microbial degradation would remove the oil from the water column or dilute the constituents to background levels.

In the event of an unanticipated blowout resulting in an oil spill, it is unlikely to have an impact based on the industry wide standards for using proven equipment and technology for such responses, implementation of Cabot's Regional Oil Spill Response Plan which address available equipment and personnel, techniques for containment and recovery, and removal of the oil spill. Cabot will conduct the proposed activities under EPA's Region VI NPDES General Permit GMG290000, which authorizes the discharge of certain effluents, subject to certain limitations, prohibitions and recordkeeping requirements. As such, it is not anticipated these discharges will cause significant adverse impacts to water quality.

6. Fisheries

Accidental oil spill releases from the proposed activities, and cumulative similar discharge activity within the vicinity may potentially cause some detrimental effects on fisheries. It is unlikely a spill would occur; however, such a release in open waters closed to mobile adult finfish or shellfish 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.

In the event of an unanticipated blowout resulting in an oil spill, it is unlikely to have an impact based on the industry wide standards for using proven equipment and technology for such responses, implementation of Cabot's Regional Oil Spill Response Plan which address available equipment and personnel, techniques for containment and recovery, and removal of the oil spill. Cabot will conduct the proposed activities under EPA's Region VI NPDES General Permit GMG290000, which authorizes the discharge of certain effluents, subject to certain limitations, prohibitions and recordkeeping requirements. As such, it is not anticipated these discharges will cause significant adverse impacts to water quality.

SECTION H
Environmental Impact Analysis-Continued

7. Marine Mammals

As a result of the proposed activities, marine mammals may be adversely impacted by traffic, noise, accidental oil spills, cumulative similar discharge activity, and loss of trash and debris. 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 accidental oil spill, chance collisions with service vessels and ingestion of plastic material.

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

In the event of an unanticipated blowout resulting in an oil spill, it is unlikely to have an impact based on the industry wide standards for using proven equipment and technology for such responses, implementation of Cabot's Regional Oil Spill Response Plan which address available equipment and personnel, techniques for containment and recovery, and removal of the oil spill. Cabot will conduct the proposed activities under EPA's Region VI NPDES General Permit GMG290000, which authorizes the discharge of certain effluents, subject to certain limitations, prohibitions and recordkeeping requirements. As such, it is not anticipated these discharges will cause significant adverse impacts to water quality. Additionally, Cabot and its contractors will conduct the proposed activities under the additional criteria addressed by MMS in Notice to Lessee's (NTL's) 2003-G10 "Vessel Strike Avoidance and Injured/Dead Protective Species" and NTL 2003-G11 "Marine Trash & Debris Awareness & Elimination".

8. Sea Turtles

As a result of the proposed activities, sea turtles may be adversely impacted by traffic, noise, accidental oil spills, cumulative similar discharges, and loss of trash and debris. 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 drilling rigs, production facilities and service vessels. Drilling rigs and project vessels (construction barges) produce noise that could disrupt normal behavior patterns and crease some stress to sea turtles, making them more susceptible to disease. Accidental oil spill releases are potential threats, which could have lethal effects on turtles. Contact and/or consumption of this released material could seriously affect individual sea turtles. Most OCS related impacts

on sea turtles are expected to be sublethal. Chronic and/or avoidance of effected areas could cause declines in survival or productivity, resulting in gradual population declines.

In the event of an unanticipated blowout resulting in an oil spill, it is unlikely to have an impact based on the industry wide standards for using proven equipment and technology for such responses, implementation of Cabot's Regional Oil Spill Response Plan which address available equipment and personnel, techniques for containment and recovery, and removal of the oil spill. Cabot will conduct the proposed activities under EPA's Region VI NPDES General Permit GMG290000, which authorizes the discharge of certain effluents, subject to certain limitations, prohibitions and recordkeeping requirements.

As such, it is not anticipated these discharges will cause significant adverse impacts to water quality. Additionally, Cabot and its contractors will conduct the proposed activities under the additional criteria addressed by MMS in Notice to Lessee's (NTL's) 2003-G10 "Vessel Strike Avoidance and Injured/Dead Protective Species" and NTL 2003-G11 "Marine Trash & Debris Awareness & Elimination".

9. Air Quality

The proposed activities are located approximately 81.3 miles to the nearest shoreline. There would be a limited degree of air quality degradation in the immediate vicinity of the proposed activities. Air quality analyses of the proposed activities are below the MMS exemption level.

10. Shipwreck Site (Known or Potential)

There are no physical disturbances to the seafloor, which could impact known or potential shipwreck sites, as the review of high resolution shallow hazards data indicate there are no known or potential shipwreck sites located within the surveyed area.

11. Prehistoric Archaeological Sites

There are no physical disturbances to the seafloor, which could cause impacts to prehistoric archaeological sites, as the review of high resolution shallow hazards data and supporting studies did not reflect the occurrence of prehistoric archaeological sites.

Site Specific Offshore Location Analyses

1. Essential Fish Habitat

An accidental oil spill that may occur as a result of the proposed activities has potential to cause some detrimental effects on essential fish habitat. It is unlikely that an accidental oil

spill release would occur; however, if a spill were to occur in close proximity to 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.

In the event of an unanticipated blowout resulting in an oil spill, it is unlikely to have an impact based on the industry wide standards for using proven equipment and technology for such responses, implementation of Cabot's Regional Oil Spill Response Plan which address available equipment and personnel, techniques for containment and recovery, and removal of the oil spill.

2. Marine and Pelagic Birds

An accidental oil spill that may occur as a result of the proposed activities has potential to impact marine and pelagic birds, by the birds coming into contact with the released oil. It is unlikely that an accidental oil spill release would occur.

In the event of an unanticipated blowout resulting in an oil spill, it is unlikely to have an impact based on the industry wide standards for using proven equipment and technology for such responses, implementation of Cabot's Regional Oil Spill Response Plan which address available equipment and personnel, techniques for containment and recovery, and removal of the oil spill.

3. Public Health and Safety Due to Accidents

There are no anticipated IPF's from the proposed activities that could impact the public health and safety. Cabot has requested MMS approval to classify the proposed objective area as absent of hydrogen sulfide.

Coastal and Onshore Analyses

1. Beaches

An accidental oil spill release from the proposed activities could cause impacts to beaches. However, due to the distance from shore (approximately 81.3 miles), and the response capabilities that would be implemented, no significant adverse impacts are expected. Both historical spill data and the combined trajectory/risk calculations referenced in the publication of OCS EIA /EA MMS 2002-052 indicate there is little risk of contact or impact to the coastline and associated environmental resources.

In the event of an unanticipated blowout resulting in an oil spill, it is unlikely to have an impact based on the industry wide standards for using proven equipment and technology for

such responses, implementation of Cabot's Regional Oil Spill Response Plan which address available equipment and personnel, techniques for containment and recovery, and removal of the oil spill.

2. Wetlands

An accidental oil spill release from the proposed activities could cause impacts to wetlands. However, due to the distance from shore (approximately 81.3 miles) and the response capabilities that would be implemented, no significant adverse impacts are expected. Both historical spill data and the combined trajectory/risk calculations referenced in the publication of OCS EIA /EA MMS 2002-052 indicate there is little risk of contact or impact to the coastline and associated environmental resources.

In the event of an unanticipated blowout resulting in an oil spill, it is unlikely to have an impact based on the industry wide standards for using proven equipment and technology for such responses, implementation of Cabot's Regional Oil Spill Response Plan which address available equipment and personnel, techniques for containment and recovery, and removal of the oil spill.

3. Shore Birds and Coastal Nesting Birds

An accidental oil spill release from the proposed activities could cause impacts to shore birds and coastal nesting birds. However, due to the distance from shore (approximately 81.3 miles) and the response capabilities that would be implemented, no significant adverse impacts are expected. Both historical spill data and the combined trajectory/risk calculations referenced in the publication of OCS EIA /EA MMS 2002-052 indicate there is little risk of contact or impact to the coastline and associated environmental resources.

In the event of an unanticipated blowout resulting in an oil spill, it is unlikely to have an impact based on the industry wide standards for using proven equipment and technology for such responses, implementation of Cabot's Regional Oil Spill Response Plan which address available equipment and personnel, techniques for containment and recovery, and removal of the oil spill.

4. Coastal Wildlife Refuges

An accidental oil spill release from the proposed activities could cause impacts to coastal wildlife refuges. However, due to the distance from shore (approximately 81.3 miles) and the response capabilities that would be implemented, no significant adverse impacts are expected. Both historical spill data and the combined trajectory/risk calculations referenced in the publication of OCS EIA /EA MMS 2002-052 indicate there is little risk of contact or impact to the coastline and associated environmental resources.

In the event of an unanticipated blowout resulting in an oil spill, it is unlikely to have an impact based on the industry wide standards for using proven equipment and technology for such responses, implementation of Cabot's Regional Oil Spill Response Plan which address available equipment and personnel, techniques for containment and recovery, and removal of the oil spill.

5. Wilderness Areas

An accidental oil spill release from the proposed activities could cause impacts to wilderness areas. However, due to the distance from shore (approximately 81.3 miles) and the response capabilities that would be implemented, no significant adverse impacts are expected. Both historical spill data and the combined trajectory/risk calculations referenced in the publication of OCS EIA /EA MMS 2002-052 indicate there is little risk of contact or impact to the coastline and associated environmental resources.

In the event of an unanticipated blowout resulting in an oil spill, it is unlikely to have an impact based on the industry wide standards for using proven equipment and technology for such responses, implementation of Cabot's Regional Oil Spill Response Plan which address available equipment and personnel, techniques for containment and recovery, and removal of the oil spill.

Other Identified Environmental Resources

Cabot has not identified any other environmental resources other than those addressed above.

Impacts on Proposed Activities

No impacts are expected on the proposed activities as a result of taking into consideration the site specific environmental conditions.

A High Resolution Shallow Hazards Survey was conducted, a report prepared in accordance with NTL 2002-G01 and NTL 98-20.

Based on the analysis of the referenced data, there are no surface or subsurface geological and manmade features and conditions that may adversely affect the proposed activities. Cabot will institute procedures to avoid pipelines and abandoned wells within the vicinity of the proposed operations.

SECTION H
Environmental Impact Analysis-Continued

Alternatives

Cabot did not consider any alternatives to reduce environmental impacts as a result of the proposed activities.

Mitigation Measures

Cabot will not implement any mitigation measures to avoid, diminish, or eliminate potential environmental resources, other than those required by regulation and policy.

Consultation

Cabot has not contacted any agencies or persons for consultation regarding potential impacts associated with the proposed activities. Therefore, a list of such entities is not being provided.

SECTION H
Environmental Impact Analysis-Continued

References

The following documents were utilized in preparing the Environmental Impact Assessment:

Document	*Author*	*Dated*
Shallow Hazards Survey	Fugro GeoServices, Inc.	2003
MMS Environmental Impact Statement Report No. 2002-15	Minerals Management Service	2002
NTL 2003-G10 "Vessel Strike Avoidance and Injured/Dead Protective Species"	Minerals Management Service	2003
NTL 2003-G11 "Marine Trash & Debris Awareness & Elimination"	Minerals Management Service	2003
NTL 2002-G09 "Regional and Subregional Oil Spill Response Plans"	Minerals Management Service	2002
NTL 2003-G17 "Guidance for Submitting Exploration Plans and Development Operations Coordination Documents"	Minerals Management Service	2003
NTL 2002-G01 "Archaeological Resource Surveys and Reports"	Minerals Management Service	2002
NTL 2000-G16 "Guidelines for General Lease Surety Bonds"	Minerals Management Service	2000
NTL 98-20 "Shallow Hazards Survey Requirements"	Minerals Management Service	1998
NTL 2003-N06 "Supplemental Bond Procedures"	Minerals Management Service	2003
NTL 98-16 "Hydrogen Sulfide Requirements"	Minerals Management Service	1998
NPDES General Permit GMG290000	EPA – Region VI	1998
Regional Oil Spill Response Plan	Cabot Oil & Gas Corporation	2002

SECTION I
CZM Consistency

Under direction of the Coastal Zone Management Act (CMZA), the States of Alabama, Florida, Louisiana, Mississippi and Texas developed Coastal Zone Management Programs (CZMP) to allow for the supervision of significant land and water use activities that take place within or that could significantly impact their respective coastal zones.

A certificate of Coastal Zone Management Consistency for the State of Louisiana is enclosed as *Attachment I-1.*

Cabot Oil & Gas Corporation has considered all of Louisiana's enforceable policies and certifies the consistency for the proposed operations.

Coastal Zone Consistency Statement

Attachment I-1
(Public Information)

COASTAL ZONE MANAGEMENT CONSISTENCY CERTIFICATION

JOINT INITIAL/SUPPLEMENTAL EXPLORATION PLAN

EUGENE ISLAND BLOCKS 335 AND 336

LEASES OCS-G 24913 AND 23881

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

By: Cabot Oil & Gas Corporation

Signed By: [signature]

Dated: 11/13/03