UNITED STATES GOVERNMENT June 10, 2011
MEMORANDUM

To: Public Information (MS 5030)
From: Plan Coordinator, FO, Plans Section (MS 5231)

Subject: Public Information copy of plan

Control #	-	S-07437
Type	-	Supplemental Development Operations Coordinations Document
Lease(s)	-	OCS-G14016 Block - 711 Mississippi Canyon Area
Operator	-	ATP Oil & Gas Corporation
Description	-	Subsea Wells Nos. 9, 10, and 11
Rig Type	-	SEMISUBMERSIBLE

Attached is a copy of the subject plan.

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

Karen Dunlap
Plan Coordinator

Site Type/Name	**Botm Lse/Area/Blk**	**Surface Location**	**Surf Lse/Area/Blk**
WELL/SS 10	G14016/MC/711	6033 FSL, 4986 FWL	G14016/MC/711
WELL/SS 11	G14016/MC/711	3890 FSL, 194 FWL	G14016/MC/711
WELL/SS 9	G14016/MC/711	6033 FSL, 4986 FWL	G14016/MC/711

SUPPLEMENTAL DEVELOPMENT OPERATIONS COORDINATION DOCUMENT

MISSISSIPPI CANYON BLOCK 711 (GOMEZ FIELD)

LEASE OCS-G 14016

JUNE 1, 2011

Estimated Start-up Date: July 15, 2011

PUBLIC COPY

ATP OIL & GAS CORPORATION
4600 Post Oak Place, Suite 200
Houston, Texas 77027

Technical Consultant:
Erin Rachal
Regulatory Manager
erachal@atpog.com
713-386-2418

RECORD OF CHANGE

DOCD- S-7437 ATP Oil & Gas Corporation

OCS-G 14016/MC 711

Original Submission: 09/23/2010

Date Amended	Amendment
10/14/2010	Updated Storage Tanks & Production Vessles, Well Plan Form, General Info., Biological-Topos Info., AQR, OSRP, Related Facilities, and Support Vessels Info.
10/15/2010	Updated Well Plan Form
10/18/2010	Updated General Info., Biological-Maps, Related Facilities
10/21/20110	Emailed name of seismic survey and depth chart
11/01/2010	Emailed revised NO6 data showing correct volume and well test data that was included in initial submittal
11/09/2010	Submitted Power Spectrum and THP for proposed wells
01/11/2011	Submitted seafloor & subsurface features map
01/25/2011	Replacement copy of the plan was received with a partial submittal of requested EA information
02/03/2011	Replacement copy of the plan was received with EA information that had been previously omitted
02/12/2011, 02/14/2011, &2/15/2011	Updated cover letter, Plan Information Form, Contents Info., BOP Info., Waste & Discharge Info., AQR, OSRP, Onshore Support Facility Info.
04/12/2011	Submitted updated waste & discharge spreadsheet
04/25/2011	Submitted revisions to waste & discharge spreadsheet
05/12/2011	Emailed updated oil spill comparison chart
06/02/2011	Submitted complete plan with all changes & Record of Change Log
06/03/2011	Amended Record of Change Log
06/09/2011	Revised certification statement in Oil Spill Response Information; Amended Record of Change Log

Plan Contents
(30 CFR Part 250.211 and 250.41)

A. Plan Contents

Lease OCS-G 14016, Mississippi Canyon Block 711 was acquired by Union Pacific Resources Company at the Central Gulf of Mexico Lease Sale No. 142 held on March 24, 1993. The lease was issued with an effective date of May 1, 1993 and a primary term ending date of April 30, 2003. The lease is currently held by production.

Under the previous approved Development Operations Coordination Documents, ATP Oil & Gas Corporation has conducted the following items:

N-8389 (Approved 10/27/2005)
- Platform A was installed in 2006
- Wells No. 4, 5 and 6 were completed in 2006

S-7001 (Approved 1/5/2007)
- Well No. 7 was never drilled (location was used when MC 667 Well No. 1 was sidetracked back into MC 711 and well was renamed to Well No. 8).

R-4677 (Approved 7/9/2007)
- Rig change for the drilling of Well No. 008

R-4899 (Approved 11/26/2008)
- Rig change for the plugback and sidetrack of Well No. 8

The current lease operatorship and ownership are as follows:

Area/Block Lease No.	Operator	Ownership
Mississippi Canyon Block 711 Lease OCS-G 14016	ATP Oil & Gas Corporation	ATP Oil & Gas Corporation Anadarko E&P Company LP

This Supplemental Development Operations Coordination Document (Plan) provides for the drilling, completion, and testing of three additional wells (Subsea Wells No. 009, 010 and 011), installation of associated lease term pipelines with jumpers/umbilicals, and the commencement of production from those wells.

B. Location

Included are the following attachments:

Attachment A: Form MMS 137 "OCS Plan Information Form"
Attachment B: Well Location Plat
Attachment C: Bathymetry Map detailing the proposed surface location disturbance areas with the proposed anchoring information for the drilling rig.

C. Safety and Pollution Prevention Features

ATP proposed to utilize a semi-submersible and a DP semi-submersible drilling units for the proposed operations under this DOCD. A brief description of the drilling units are included on the OCS Plan Information Form and the rig specifications will be made part of the Applications for Permit to Drill. The proposed wells will be drilled utilizing subsea BOP's.

Safety features on the drilling unit will include well control, pollution prevention, welding procedure, and blowout prevention equipment as described in Title 30 CFR 250, Subparts C, D, E and G; and as further clarified by BOEM Notices to Lessees (NTL's), and current policy making invoked by BOEM, EPA and USCG. Appropriate life jackets, ring buoys, etc., will be maintained on the facility at all times.

ATP will ensure employees and contractor personnel engaged in well control or production safety operations understand and can properly perform their duties.

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

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

D. Storage Tanks and Production Vessels

The following table details the storage tanks and/or production vessels that will store oil (capacity greater than 25 bbls. or more) and be used to support the proposed activities (MODU, barges, platform, etc.):

Type of Storage Tank	Type of Facility	Total Capacity (bbls)	Fluid Gravity (API)
Fuel Oil	MODU	7126	No. 2 (Diesel)
Fuel Oil	DP Semi	23,500	No. 2 (Diesel)

E. Pollution Prevention Measures

ATP does not propose any additional safety, pollution prevention, or early spill detection measures beyond those required by 30 CFR Part 250.

F. Additional Measures

ATP does not propose any additional safety, pollution prevention, or early spill detection measures beyond those required by 30 CFR Part 250.

ATTACHEMENT A

OCS PLAN INFORMATION FORM
(Public Information)

OCS PLAN INFORMATION FORM

General Information

Type of OCS Plan		Exploration Plan (EP)	X	Development Operations Coordination Document (DOCD)	
Company Name:	ATP Oil & Gas Corporation		MMS Operation Number:	01819	
Address:	4600 Post Oak Place, Suite 200		Contact Person:	Erin Rachal	
	Houston, Texas 77027		Phone Number:	713.386.2418	
			E-Mail Address:	erachal@atpog.com	

Lease(s): OCS-G 14016		Area: MC		Block(s): 711		Project Name (If Applicable): Gomez			
Objective(s):	X	Oil		Gas		Sulphur		Salt	Onshore Base: Port Fourchon	Distance to Closest Land (Miles): 49

Description of Proposed Activities (Mark all that apply)

	Exploration drilling	X	Development drilling
	Well completion		Installation of production platform
	Well test flaring (for more than 48 hours)		Installation of production facilities
	Installation of caisson or platform as well protection structure		Installation of satellite structure
X	Installation of subsea wellheads and/or manifolds	X	Commence production
X	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?	X	Yes		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 No. 009 using a semi-submersible rig	7/15/2011	9/14/2011	62
Install Lease Term Pipelines with Associate Umbilicals for Wells 009 – 011	9/15/2011	10/14/2011	30
Hook-Up and Commence Production of Well No. 009	10/15/2011	12/31/2016	5 yrs
Drill, complete and Test Well No. 010 using a semi-submersible rig	10/15/2011	12/7/2011	44
Hook-Up and Commence Production	12/8/2011	12/31/2016	5 yrs
Drill, complete and Test Well No. 011 using a DP rig	12/9/2011	2/9/2012	62
Hook-Up and Commence Production	2/10/2012	12/31/2017	5 yrs

Description of Drilling Rig

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

Description of Production Platform

Description of Lease Term Pipelines

From (Facility/Area/Block)	To (Facility/Area/Block)	Diameter (Inches)	Length (Feet)
Well No. 009 / MC / 711	A / MC / 711	4.5 inches	5152 feet
Well No. 010 / MC / 711	A / MC / 711	4.5 inches	5152 feet
Well No. 011 / MC / 711	A / MC / 711	4.5 inches	6427 feet

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 No. 009**				Subsea Completion		
Anchor Radius (if applicable) in feet: **3856' (Ocean Victory)**				**X**	Yes	No
	Surface Location		**Bottom-Hole Location (For Wells)**			
Lease No.	**OCS-G 14016**					
Area Name	**Mississippi Canyon**					
Block No.	**711**					
Blockline Departures (in feet)	**N/S Departure:**	**6033.87' FSL**				
	E/W Departure:	**4986.89' FWL**				
Lambert X-Y coordinates	**X:**	**796,986.89**				
	Y:	**10,254,513.87**				
Latitude / Longitude	**Latitude**	**28°13'57.497"**				
	Longitude	**89°37'11.027"**				
	TVD (Feet):		**MD (Feet):**			

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

Anchor Name or No.	Area	Block	X Coordinate	Y Coordinate	Length of Anchor Chain on Seafloor
			X=	Y=	
			X=	Y=	
			X=	Y=	
			X=	Y=	
			X=	Y=	
			X=	Y=	
			X=	Y=	
			X=	Y=	

Paperwork Reduction Act of 1995 Statement: The Paperwork Reduction Act of 1995 (44 U.S.C. Chapter 35) requires us to inform you that MMS collects this information as part of an applicant's Exploration Plan or Development Operations Coordination Document submitted for MMS approval. We use the information to facilitate our review and data entry for OCS plans. We will protect proprietary data according to the Freedom of Information Act and 30 CFR 250.197. 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 600 hours per response, or 640 with an accompanying EP (1,000 hours in AKOCSR), or 690 (1,700 in AKOCSR) with an accompanying DPP or DOCD, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the forms associated with subpart B. Direct comments regarding the burden estimate or any other aspect of this form to the Information Collection Clearance Officer, Mail Stop 5438, Minerals Management Service, 1849 C Street, NW., 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 No. 010**				Subsea Completion		
Anchor Radius (if applicable) in feet: **3856' (Ocean Victory)**				**X**	Yes	No
	Surface Location		**Bottom-Hole Location (For Wells)**			
Lease No.	**OCS-G 14016**					
Area Name	**Mississippi Canyon**					
Block No.	**711**					
Blockline Departures (in feet)	**N/S Departure:**	**6033.87' FSL**				
	E/W Departure:	**4936.89' FWL**				
Lambert X-Y coordinates	**X:**	**796,936.89**				
	Y:	**10,254,513,87**				
Latitude / Longitude	**Latitude**	**28°13'57.486"**				
	Longitude	**89°37'11.585"**				
	TVD (Feet):		**MD (Feet):**			

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

Anchor Name or No.	Area	Block	X Coordinate	Y Coordinate	Length of Anchor Chain on Seafloor
			X=	Y=	
			X=	Y=	
			X=	Y=	
			X=	Y=	
			X=	Y=	
			X=	Y=	
			X=	Y=	
			X=	Y=	

Paperwork Reduction Act of 1995 Statement: The Paperwork Reduction Act of 1995 (44 U.S.C. Chapter 35) requires us to inform you that MMS collects this information as part of an applicant's Exploration Plan or Development Operations Coordination Document submitted for MMS approval. We use the information to facilitate our review and data entry for OCS plans. We will protect proprietary data according to the Freedom of Information Act and 30 CFR 250.197. 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 600 hours per response, or 640 with an accompanying EP (1,000 hours in AKOCSR), or 690 (1,700 in AKOCSR) with an accompanying DPP or DOCD, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the forms associated with subpart B. Direct comments regarding the burden estimate or any other aspect of this form to the Information Collection Clearance Officer, Mail Stop 5438, Minerals Management Service, 1849 C Street, NW., 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 No. 011**				Subsea Completion		
Anchor Radius (if applicable) in feet: **(DP MODU)**				**X**	Yes	No
	Surface Location		**Bottom-Hole Location (For Wells)**			
Lease No.	**OCS-G 14016**					
Area Name	**Mississippi Canyon**					
Block No.	**711**					
Blockline Departures (in feet)	**N/S Departure:**	**3890' FSL**				
	E/W Departure:	**194' FWL**				
Lambert X-Y coordinates	**X:**	**792.194.15**				
	Y:	**10,252,370.31**				
Latitude / Longitude	**Latitude**	**28°13'35.257"**				
	Longitude	**89°38'04.051"**				
	TVD (Feet):		**MD (Feet):**			

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

Anchor Name or No.	Area	Block	X Coordinate	Y Coordinate	Length of Anchor Chain on Seafloor
			X=	Y=	
			X=	Y=	
			X=	Y=	
			X=	Y=	
			X=	Y=	
			X=	Y=	
			X=	Y=	
			X=	Y=	

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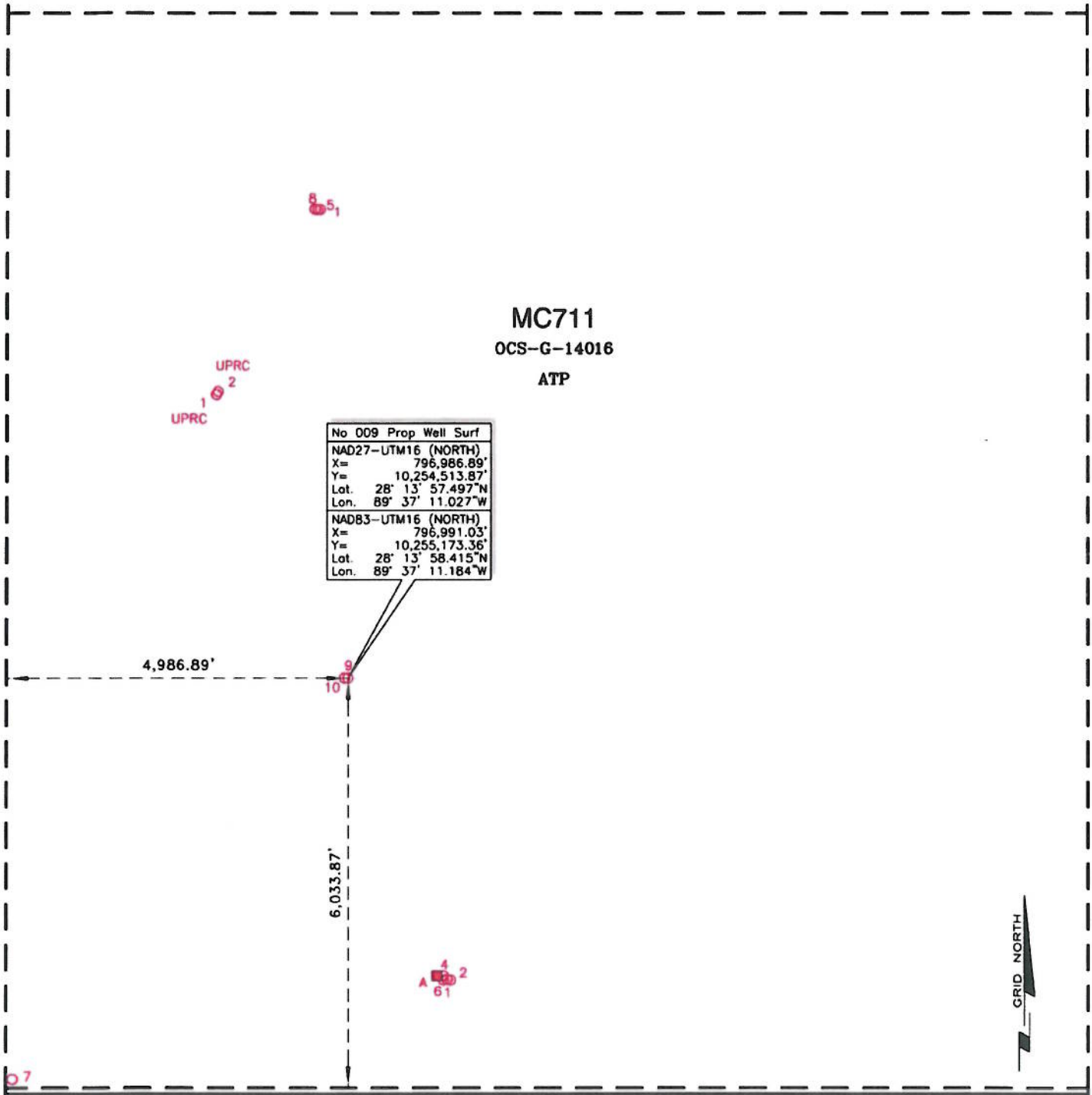
ATTACHEMENT B

WELL LOCATION PLAT
(Public Information)



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

DIGITAL COPY
ORIGINAL PLAT SIGNED 8/04/10

REG. PROFESSIONAL LAND SURVEYOR NO. 4903
STATE OF LOUISIANA

NOTES:

1) COORDINATES TRANSFORMED FROM NAD27 (CHART DATUM) TO NAD83 USING NADCON VERSION 2.1.

PUBLIC INFORMATION

Printed: 8/4/10

ATP Oil & Gas Corporation

PROPOSED LOCATION
OCS-G-14016 WELL NO. 009
BLOCK 711
MISSISSIPPI CANYON AREA
GULF OF MEXICO

FUGRO CHANCE INC.
200 Dulles Dr. Lafayette, Louisiana 70506-3001 (337) 237-1500

GEODETIC DATUM: NAD27 PROJECTION: U.T.M. 16 (NORTH) GRID UNITS: US SURVEY FEET		SCALE IN FEET 0 2,000'	
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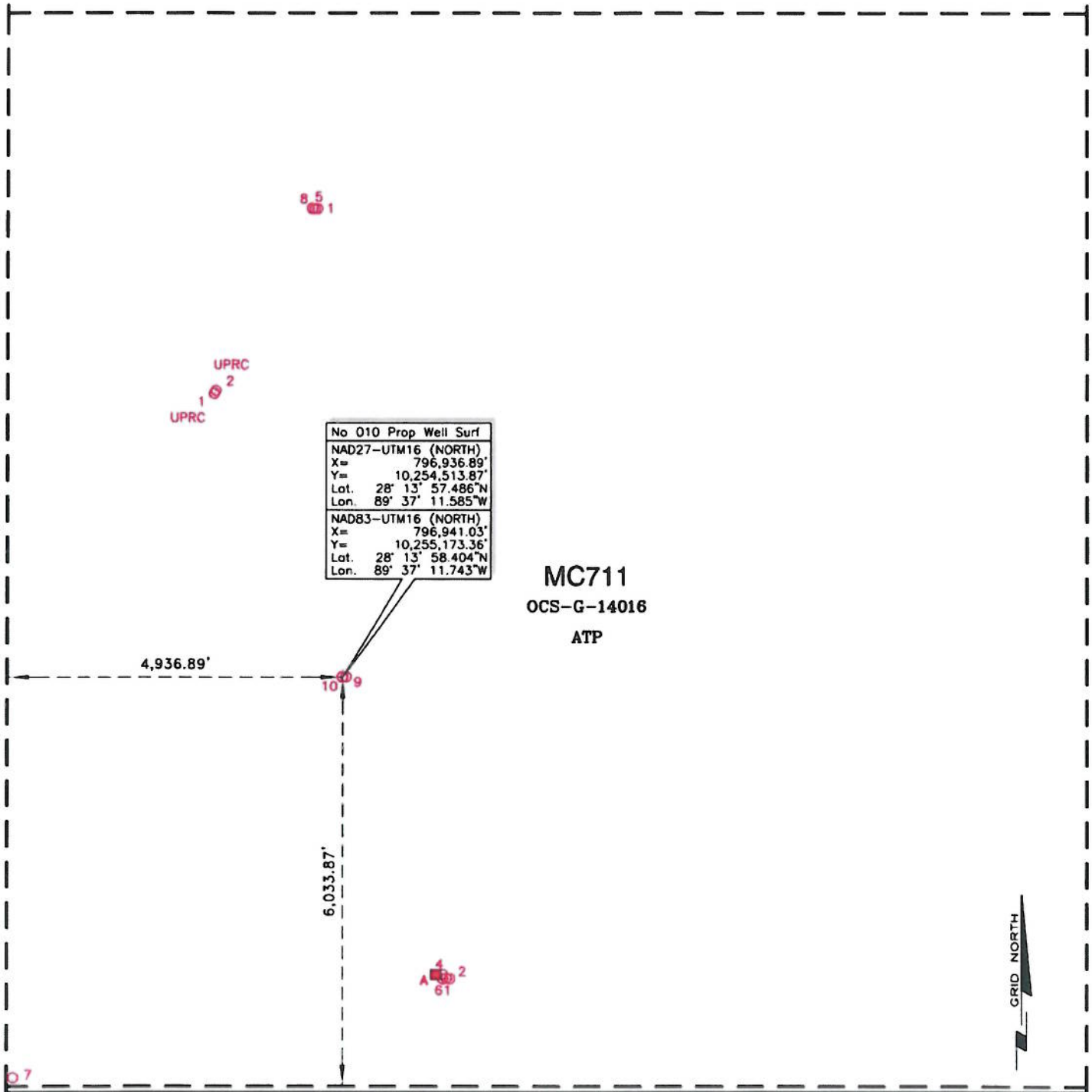

I HEREBY CERTIFY THAT THE ABOVE PROPOSED WELL SURFACE LOCATION IS CORRECT.

DIGITAL COPY
ORIGINAL PLAT SIGNED 6/17/10

REG. PROFESSIONAL LAND SURVEYOR NO. 4903
STATE OF LOUISIANA

NOTES:

1) COORDINATES TRANSFORMED FROM NAD27 (CHART DATUM) TO NAD83 USING NADCON VERSION 2.1.

PUBLIC INFORMATION

Printed: 6/17/10

ATP Oil & Gas Corporation

PROPOSED LOCATION
OCS-G-14016 WELL NO. 010
BLOCK 711
MISSISSIPPI CANYON AREA
GULF OF MEXICO

FUGRO CHANCE INC.
200 Dulles Dr. Lafayette, Louisiana 70506-3001 (337) 237-1500

GEODETIC DATUM: NAD27 PROJECTION: U.T.M. 16 (NORTH) GRID UNITS: US SURVEY FEET		SCALE IN FEET 0 2,000'	
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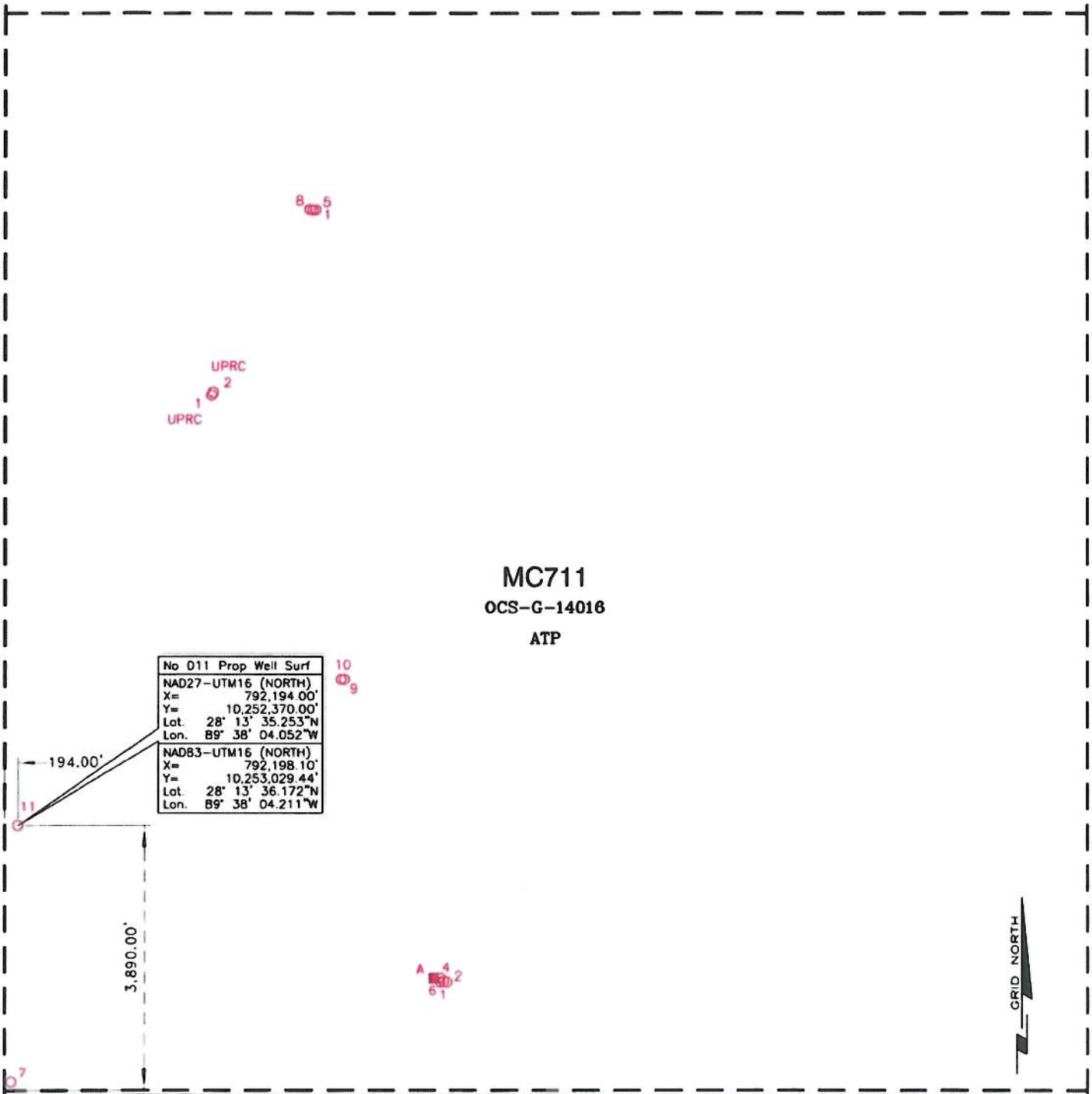

I HEREBY CERTIFY THAT THE ABOVE PROPOSED WELL SURFACE LOCATION IS CORRECT.

DIGITAL COPY
ORIGINAL PLAT SIGNED 9/15/10

REG. PROFESSIONAL LAND SURVEYOR NO. 4903
STATE OF LOUISIANA

NOTE:
1) COORDINATES TRANSFORMED FROM NAD27 (CHART DATUM) TO NAD83 USING NADCON VERSION 2.1.

PUBLIC INFORMATION

Printed: 9/15/10

ATP Oil & Gas Corporation

PROPOSED LOCATION
OCS-G-14016 WELL NO. 011

BLOCK 711
MISSISSIPPI CANYON AREA
GULF OF MEXICO

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

GEODETIC DATUM: NAD27 PROJECTION: U.T.M. 16 (NORTH) GRID UNITS: US SURVEY FEET		SCALE IN FEET 0 2,000'	
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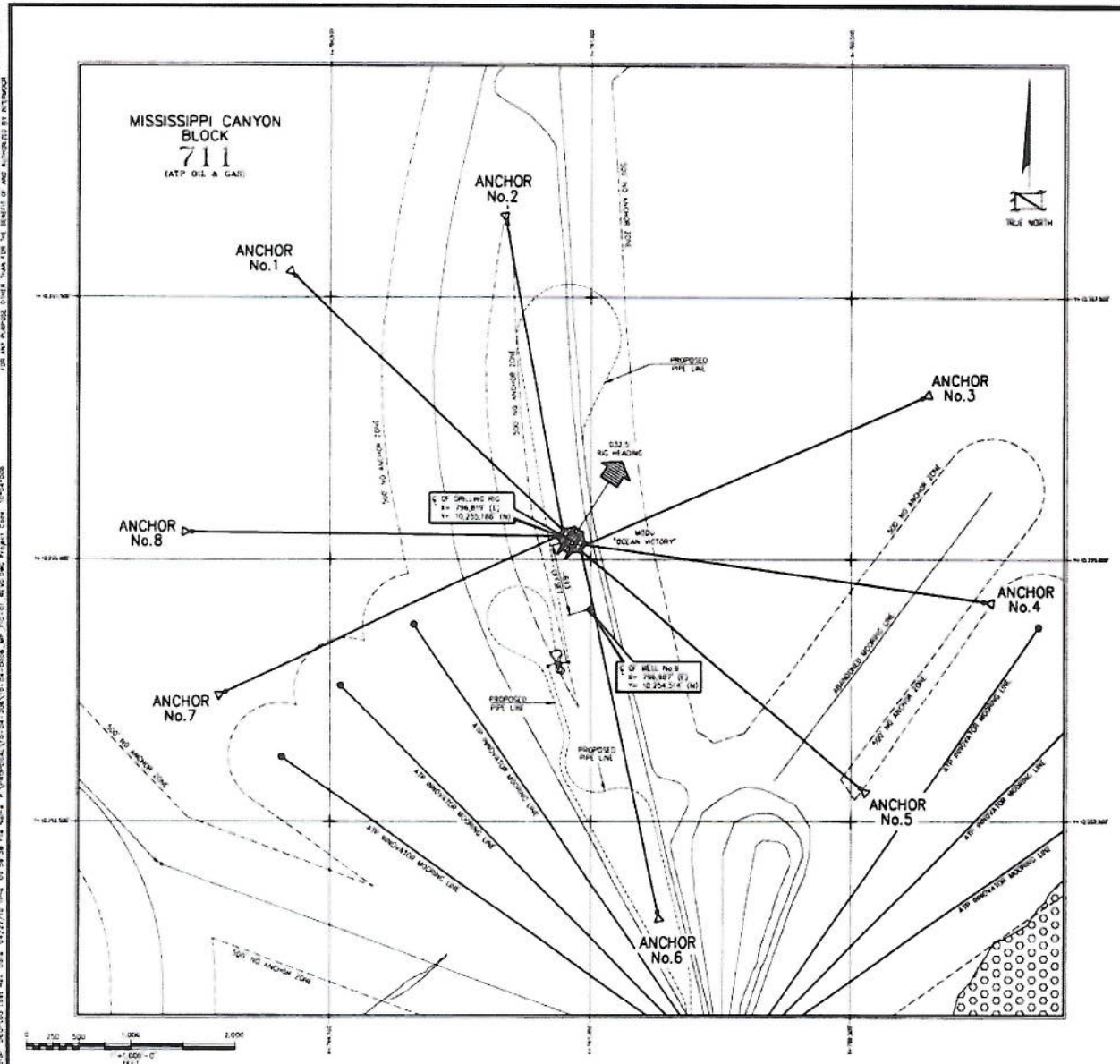
ATTACHMENT C

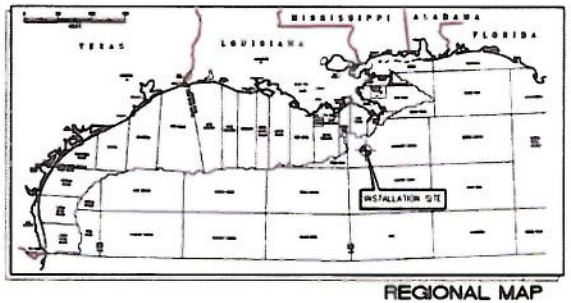
BATHYMETRY MAP
(Public Information)



"OCEAN VICTORY" PRESET MOORING INSTALLATION SPECIFICATIONS

LEG No	LEG HEADING	FAIRLEAD TO ANCHOR HORIZ DIST. (FT.)	ANCHOR POSITION (X) FT (Y) FT	WATER DEPTH (FT.)
1	313°	3,500	X= 794,168' Y= 10,257,696'	-3,000
2	349°	2,949	X= 796,186' Y= 10,258,208'	-3,000
3	067°	3,500	X= 800,183' Y= 10,256,540'	-3,000
4	098°	3,856	X= 800,779' Y= 10,254,589'	-3,000
5	130°	3,491	X= 799,589' Y= 10,252,824'	-3,000
6	168°	3,500	X= 797,645' Y= 10,251,641'	-3,000
7	245°	3,500	X= 793,495' Y= 10,253,742'	-3,000
8	271°	3,500	X= 793,175' Y= 10,255,266'	-3,000

RIG COORDINATES
X= 796,819' (E), Y= 10,255,186' (N)
RIG HEADING 032.5 DEGREES
RIG WATER DEPTH -3,000



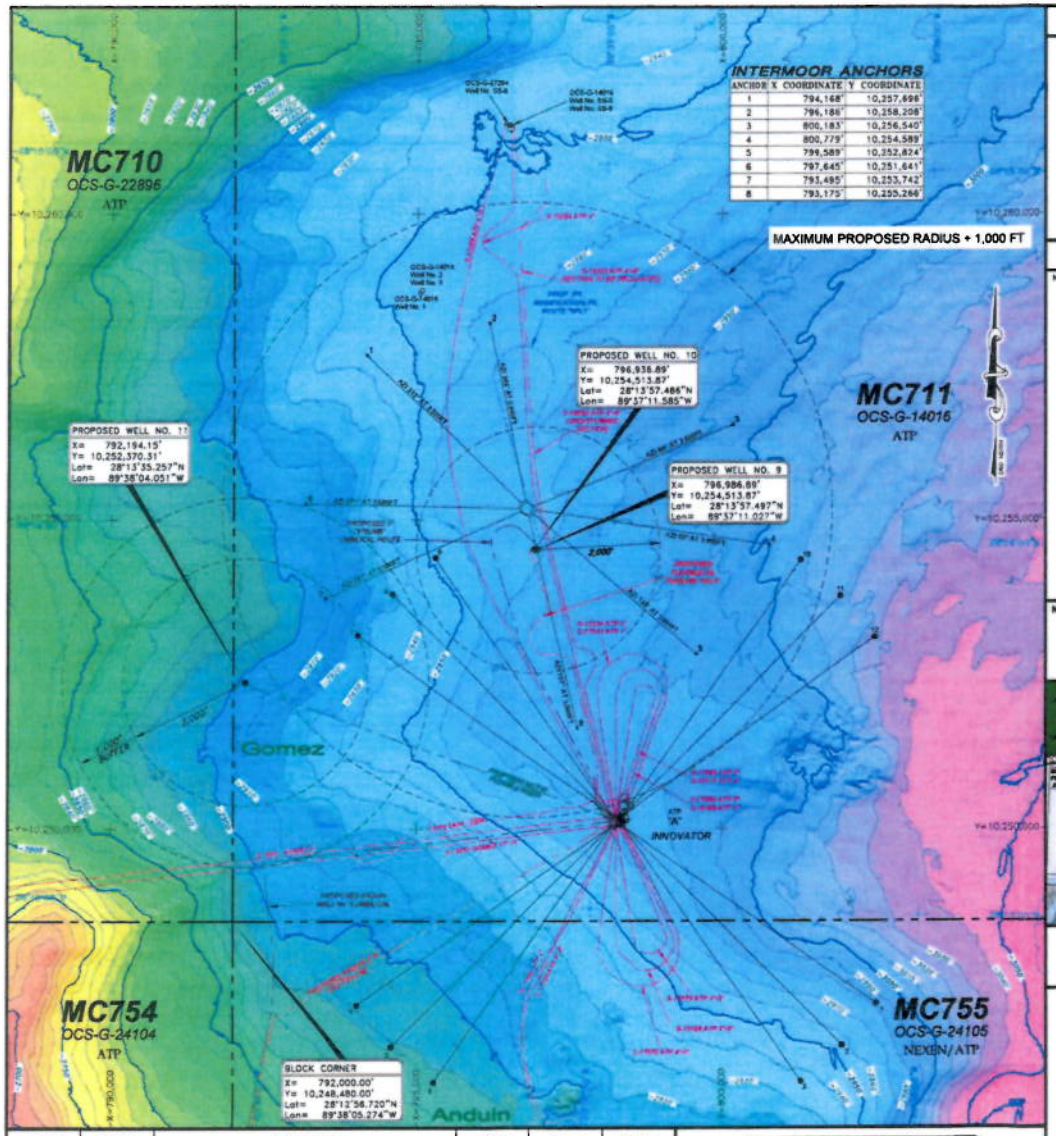
REGIONAL MAP

ATP OIL and GAS
"OCEAN VICTORY" MOORING INSTALLATION AT MC-711

OVERVIEW OF MOORING PLAN AND BATHYMETRY
(PROPOSED)

FIGURE 1 rev. 0

INTERMOOR



PLAN VIEW

Contour interval = 10 feet

Zero datum = Mean Sea Level

Multibeam Processing Sequence

Bin size = 3 meters (9.84 feet)

Median filter applied

Produced gridded-binned dataset using weighted-neighbor algorithm

Search radius = 9 meters (29.53 feet)

Water column velocity corrections applied

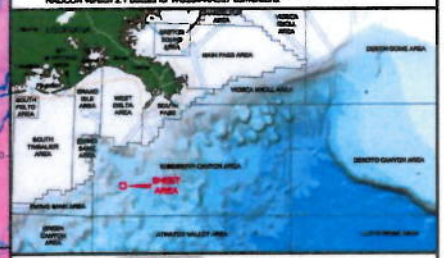
Tide corrections applied using Goddard Ocean Tide Model GOT99.2

o Well with no surface facility

NOTE: All blocks present on chart are 300-meter Archeological blocks.

DEPTH IN FEET

NOTE: All field data acquired:
091435 - June 10, 2009, utilizing the R/V *Northern Resolution*, C-Surveyor II
091440 - August 13 and 14, 2009, utilizing the R/V *Northern Resolution*, C-Surveyor II
092037 - November 29 through 30, 2009, utilizing the R/V *Northern Resolution*, C-Surveyor II
092093 - December 8, 2009, utilizing the R/V *Northern Resolution*, C-Surveyor II
072439 - June 11 through 16, 2007, utilizing the R/V *Moana Wave*, C-Surveyor III
NADCON version 2.1 utilized for WGS84-NAD27 conversions.



ATP OIL & GAS CORPORATION
ATP Oil & Gas Corporation
4600 Post Oak Place
Suite 200
Houston, Texas 77027-9726

COLOR SHADED BATHYMETRY MAP
SITE CLEARANCE
of
PROPOSED WELL NOS. 9, 10 and 11
BLOCKS 710 & 711
MISSISSIPPI CANYON AREA

ISSUE	DATE	DESCRIPTION	DRAWN	INTERP	CHECKED
1	May 20, 2010	Preliminary issue with letter	A. McBride	N. Graves	T. Bateson, A. McBride
2	May 25, 2010	Original issue with letter	A. McBride	N. Graves	T. Bateson, A. McBride

GEODETIC DATUM: NAD27
ELLIPSOID: CLARKE 1866
GRID UNITS: U.S. SURVEY FEET
PROJECTION: UNIVERSAL TRANSVERSE MERCATOR
ZONE: 16N
CENTRAL MERIDIAN: 87° 00' W
FALSE EASTING: 1,640,416.67 ft. at C.M.
FALSE NORTHING: 0.00 ft. at 00° 00' N

C&C Technologies SURVEY SERVICES

JOB NO. 100433 DATE: May 25, 2010

FILENAME: 100433.dwg

SHEET 1 of 3

General Information
(30 CFR Part 250.213 and 250.243)

A. Application and Permits

The following Federal/State applications will be submitted for the activities provided for in this Plan exclusive of MMS permit applications and general permits issued by the EPA and COE.

Application/Permit	*Issuing Agency*	*Status*
Application for Permit to Drill	BOEMRE	Pending

B. Drilling Fluids

ATP plans to use the following drilling fluids for the operations proposed under this Plan:

Proposed Well Location	*Type of Drilling Fluid*	*Estimated volume of Drilling Fluid to be used Per Well*
009 - 011	Water-based (seawater, freshwater, barite); Synthetic-based (internal, olefin, ester)	8,000 bbls WBM 7,245 bbls SBM

C. Production

ATP estimates the combined life of reserves for the proposed development activity are included as proprietary data.

D. Oils Characteristics

The following table details the chemical and physical characteristics of the oils that will be potentially produced, handled, transported, or stored on/by the facility from which the proposed development and production activities will be conducted:

Characteristics	Results	Analytical Methodologies Should be Compatible with:
1. Gravity (API)	29.0	ASTM D4052
2. Flash Point (°C)	N/A	ASTM D93/IP 34
3. Pour Point (°C)	-23.33	ASTM D97
4. Viscosity (Centipoise at 25°C)	1.018	ASTM D445
5. Wax Content (wt %)	3.09	Precipitate with 2-butanon/ dichloromethane (1 to 1 volume) at –10°C
6. Asphaltene Content (wt %)	4.20	IP Method 143/84
7. Resin Content (wt %)	16.38	Jokuty et al, 1996
8. Boiling point distribution including, for each fraction, the percent volume or weight and the boiling point range in °C	N/A	ASTM D2892 (RBP distillation) or ASTM D2887/5307
9. Sulphur (wt %)	2.05	ASTM D4294

The above analysis is based on the oil composition most likely to result in the largest volume spill (e.g., the oil from the expected largest reservoir, stored oil or pipeline oil combined from a number of wells).

Oil from Oil Well
Area and Block: MC 711 MMS Platform ID: Structure A (Innovator) API Well No.: 60-817-40876-01 Completion Perforation Interval: 11424'MD – 11527' MD & 11734' MD – 11840' MD MMS Reservoir Name: 3750 B/C Sand Sample Date: 7/11/200 Sample No. (If more than one is taken): 1.15 MPSR 1119 & 1.07 SPMC 060

E. New or Unusual Technology

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

F. Bonding Statement

The bond requirements for the activities and facilities proposed in this Plan are satisfied by an areawide bond, furnished and maintained according to 30 CFR Part 256, subpart I; NTL No. 2000-G16, "Guidelines for General Lease Surety Bonds;" and a current BOEM-approved deferment from providing additional security under 30 CFR 256.43(d) and National NTL No. 2008-N07 "Supplemental Bonding Procedures." If, at any point, ATP Oil & Gas Corporation no longer qualifies for a supplemental bonding deferment, ATP Oil & Gas Corporation will either provide the required additional security or a third party guarantee within 60 days after such disqualification.

G. Oil Spill Financial Responsibility (OSFR)

ATP Oil & Gas Corporation (Operator No. 01819) has demonstrated oil spill financial responsibility for the facilities proposed in this Plan according to 30 CFR Part 253, and NTL 2008-N05, "Guidelines for Oil Spill Financial Responsibility for Covered Facilities."

H. Deepwater Well Control Statement

ATP Oil & Gas Corporation (Operator No. 01819) has the financial capability to drill a relief well and conduct other emergency well control operations.

I. Suspensions of Production

ATP has not filed and does not anticipate filing any requests for Suspensions of Production to hold the lease addressed in this Plan in active status.

J. Blowout Scenario

Included as ***Attachment D*** is the transmittal letter to the Bureau of Ocean Energy Management, Regulation, and Enforcement including the required data outlined in NTL 2010-N06.

ATP will drill to the objective sands outlined in the Geological and Geophysical Information Section of this Plan utilizing a typical structural, conductor, surface and production casing program. If mandated by wellbore conditions, an intermediate casing string will be set prior to drilling through the objective sand. In the event of a blowout during the course of drilling open hole in the objective sands, ATP anticipates a rate of 100 MMCF and 31,120 BOPD with an anticipated gravity of 35.7°. The wellbore would most likely bridge over in approximately 3 days. ATP would immediately activate its Regional Oil Spill Response Plan and Spill Management Team to initiate potential recovery of liquid hydrocarbons on the receiving water and review potential well intervention options. In the event a relief well is initiated, ATP does not anticipate any delays in acquiring a rig to conduct the proposed operations. Dependent upon the interval the well was drilled to, and potential interval for bridging over, it could take approximately 47+ days to drill the replacement well.

ATTACHMENT D

NTL-2010-N06 DATA TRANSMITTAL LETTER (Public Information)

ATP OIL & GAS CORPORATION

September 21, 2010

Bureau of Ocean Energy Management, Regulation and Enforcement
Gulf of Mexico OCS Region
1201 Elmwood Park Boulevard
New Orleans, Louisiana 70123-2394

Attention: Plans Unit (MS 5230)

RE: Supplemental Information Pursuant to NTL 2010-N06 for Supplemental Development Operations Coordination Document for Lease OCS-G 14016, Mississippi Canyon Block 711, OCS Federal Waters, Gulf of Mexico, Offshore, Louisiana

Gentlemen:

Effective June 18, 2010, Bureau of Ocean Energy Management, Regulation and Enforcement issued NTL 2010-N06 which mandates the submittal of supplemental data for review by your office as it pertains to the potential worse case discharge information applicable to the well activity described in the above referenced Supplemental Development Operations Coordination Document for Lease OCS-G 14016, Mississippi Canyon Block 711, which is being submitted under separate cover this date.

This supplemental information is to be considered proprietary information, and not to be released to the general public.

Should you have any questions concerning this matter or require additional information, please contact the undersigned or our regulatory consultant, Christine Groth, R.E.M. Solutions, Inc. at 281.492.3247 or christine@remsolutionsinc.com.

Sincerely,

ATP Oil & Gas Corporation

G. Ross Frazer/cag

G. Ross Frazer, P.E.
Vice President, Engineering

GRF:CAG
Enclosures

4600 POST OAK PLACE SUITE 200 HOUSTON, TEXAS 77027-9726 713-622-3311 FAX 713-622-5101

Geological and Geophysical Information

(30 CFR Part 250.214 and 250.244)

A. Geological Description

Included as proprietary data are the geological targets and a narrative of trapping features proposed in this Plan.

B. Structure Contour Maps

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

C. Interpreted Seismic Lines

Included as proprietary data is a copy of the migrated and annotated (shot points, time lines, well paths) deep seismic line within 500 feet of the new proposed surface locations being proposed in the Plan.

D. Geological Structure Cross-Sections

An interpreted geological cross section depicting the proposed well locations and depth of the proposed wells is included as proprietary data.

E. Shallow Hazards Report

Kinsella, Cook & Associates conducted a geophysical survey in Mississippi Canyon Blocks 711 during 1993. 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 BOEMRE under separate cover.

F. Shallow Hazards Assessment

Utilizing the 3D deep seismic exploration data a shallow hazards analysis was prepared for the proposed surface locations, evaluating seafloor and subsurface geologic and manmade features and conditions, and is included as ***Attachment I.***

G. High Resolution Seismic Lines

Utilizing the 3D deep seismic exploration data a shallow hazards analysis was prepared for the proposed surface locations, evaluating seafloor and subsurface geologic and manmade features and conditions. The top hole prognosis and power spectrum for the wells proposed in this plan are included as proprietary data.

ATTACHMENT E

GEOLOGICAL DESCRIPTION
(Proprietary Information)

ATTACHMENT F

STRUCTURE MAP

(Proprietary Information)

ATTACHEMENT G

SEISMIC LINES
(Proprietary Information)

ATTACHMENT H

CROSS SECTION MAPS
(Proprietary Information)

ATTACHMENT I

SHALLOW HAZARDS ASSESSMENT (Public Information)

C&C Technologies
SURVEY SERVICES

ATP Oil and Gas Corporation
4600 Post Oak Place, Suite 200
Houston, TX 77043
(713)-403-5520

Attn: Mr. Tim McGinty

Re: Well Site Clearance Letter
Proposed Well Nos. 9, 10 and 11
Block 711 (OCS-G-14016)
Mississippi Canyon Area

Dear Tim,

ATP Oil and Gas Corporation (ATP) proposes to drill the Well Nos. 9, 10, and 11 in Block 711 (OCS-G-14016), Mississippi Canyon Area (MC). A moored drilling rig is proposed at the Well Nos. 9 and 10 sites and a Dynamically Positioned (DP) rig will be used at the Well No. 11 site. The bounds of the assessment for Well Nos. 9 and 10 extend to cover the maximum anchor distance with an additional 1,000-foot buffer and the assessment for Well No. 11 covers a 2,000-ft radius from the drilling location with an additional 1,000-foot buffer. This letter addresses specific geohazards identified on high-resolution geophysical data collected recently in proximity to the proposed well sites and supporting anchor spreads. This letter provides a seafloor clearance only, subsurface drilling hazards are not in the scope of this assessment.

C & C Technologies, Inc. (C & C) has performed five Autonomous Underwater Vehicle (AUV) surveys in the area for ATP and the results and findings from these surveys were used to clear the proposed well sites and anchor spreads. The following table contains information and coverage for each survey conducted.

Report	C & C Job No.	Blocks	Survey Date	System	Report Date
Archaeological Assessment and Anchor Clearance	061435-061438	MC666, 667, 710 & 711	June 10, 2006	C-Surveyor II™	June 2006
Archaeological, Engineering, and Hazard Report of Proposed Flowline and Umbilical Routes	061646-061658	MC711	Aug. 13-14, 2006	C-Surveyor II™	September 2006
Archaeological Assessment	062037	MC711 & Vicinity	Nov. 25-30, 2006	C-Surveyor II™	December 2006
Archaeological Assessment	062080	MC755 & Vicinity	Dec. 8, 2006	C-Surveyor II™	December 2006
Archaeological, Engineering & Hazard Report Proposed 8" Gas Export Pipeline Route	062038 / 072489-072757	MC941 to MC711	Nov. 30-Dec. 8, 2006 June 11-15,2007	C-Surveyor II™ C-Surveyor III™	August 2007

Sincerely,

Hallie L. Graves

Hallie L. Graves
Marine Geologist

(C & C Project No. 100433)

Enclosures:

Sheet 1: Color Shaded Bathymetry Map	1" = 1,000'
Sheet 2: Side Scan Sonar Mosaic Map	1" = 1,000'
Sheet 3: Seafloor and Subsurface Features	1" = 1,000'

The survey grids conducted for these surveys provides complete coverage of the proposed well locations and supporting anchor spreads within the bounds of the alignment. The data and interpretation results from the surveys are merged and displayed on the enclosed maps, which are intended to be viewed in conjunction with this letter.

During the archaeological surveys the AUV collected data using 300-meter line spacing. Trackline spacing for pipeline assessment surveys consisted of a primary line along the proposed route, one 50-meter offset line, and a wing line on either side of the centerline. The data is mapped using the North American Datum of 1927 (NAD27) on the Clark 1866 Ellipsoid, and projected using the Universal Transverse Mercator projection Zone 16 North (16N). Two of the proposed wells (Well Nos. 9 and 10) are located on the same latitude and have a 50-foot offset longitudinally. Well No. 11 is located in the southwest quadrant of MC711. Grid units are in U.S. survey feet and blockline calls for proposed Wells 9, 10, and 11 are:

Well No. 9
X = 796,987' Y = 10,254,514'
4,987' FWL; 6,034' FSL
Well No. 10
X = 796,937' Y = 10,254,514'
4,937' FWL; 6,034' FSL
Well No. 11
X = 792,194' Y = 10,252,370'
194' FWL; 3,890' FSL

Water depth at the proposed Well Nos. 9 and 10 locations is 2,969 feet Mean Sea Level (MSL) and at Well No. 11 is 2,902 MSL. Water depths vary from 2,840 feet in the west to 3,010 feet in the east across the assessment area. The seafloor at the proposed well sites and across the assessment area gently deepens to the east at a 1.6-degree to less than 1-degree slope. Bathymetry data indicates there are no significant seafloor features at the proposed well locations.

The acoustic returns of the seafloor were of low to moderate reflectivity and indicate finely textured, granular sediments. A piston core (PC-3) was acquired 695 feet southeast of the proposed Well No. 9 location. Miniature vane test results for PC-3 indicate the seafloor and shallow subsurface sediments consist mainly of very soft clayey soils of high plasticity. Test results suggest undrained shear strengths for PC-3 are increasing from 35-45 psf at the core top to 165-175 psf at approximately 10 feet below the seafloor. The majority of seafloor features are limited to man-made disturbances associated with oil and gas activities.

Three sonar contacts and one debris field occur within 1,000 feet of the proposed Well Nos. 9 and 10 locations. Sonar Contact Nos. B5 and B6 are located 424 feet northwest and 625 feet north, respectively, of proposed Well No. 9. Sonar Contact Nos. B5 and B6 are isolated targets with no measurable height and moderate to high reflectivity. These sonar contacts are interpreted as debris from modern shipping, dumping, lease development activities, or as being geologic in origin. Sonar Contact No. 51 is located within a debris zone 271 feet southeast of proposed Well No. 9. The

contacts identified within this debris zone are small with no measurable heights and are scattered in a linear trend extending from the northeast to southwest measuring 2,694 feet long and 189 feet wide. These contacts could possibly be barrels of industrial waste dumped from a moving ship or barge and caution should be used as not to disrupt these barrels. All sonar contacts identified within the study region are included in a table at the end of this letter. No sonar contacts are identified within 1,000 feet of the proposed Well No. 11.

The near-seafloor subbottom profile record displayed a sharp continuous bottom echo. Generally, the uppermost 120-150 feet of the seabed is characterized by a 6 to 13-foot acoustically semitransparent, hemipelagic clay unit and the underlying alternating low and higher amplitude, parallel seismic reflectors that mimic the seafloor topography, except where the stratigraphic continuity is interrupted by faulting, mass movements deposits, or is masked by increased gas/fluid concentration. No buried mass movement deposits occur within the uppermost 100 feet of the seabed. No shallow fluid/gas saturated sediments occur beneath the proposed well locations.

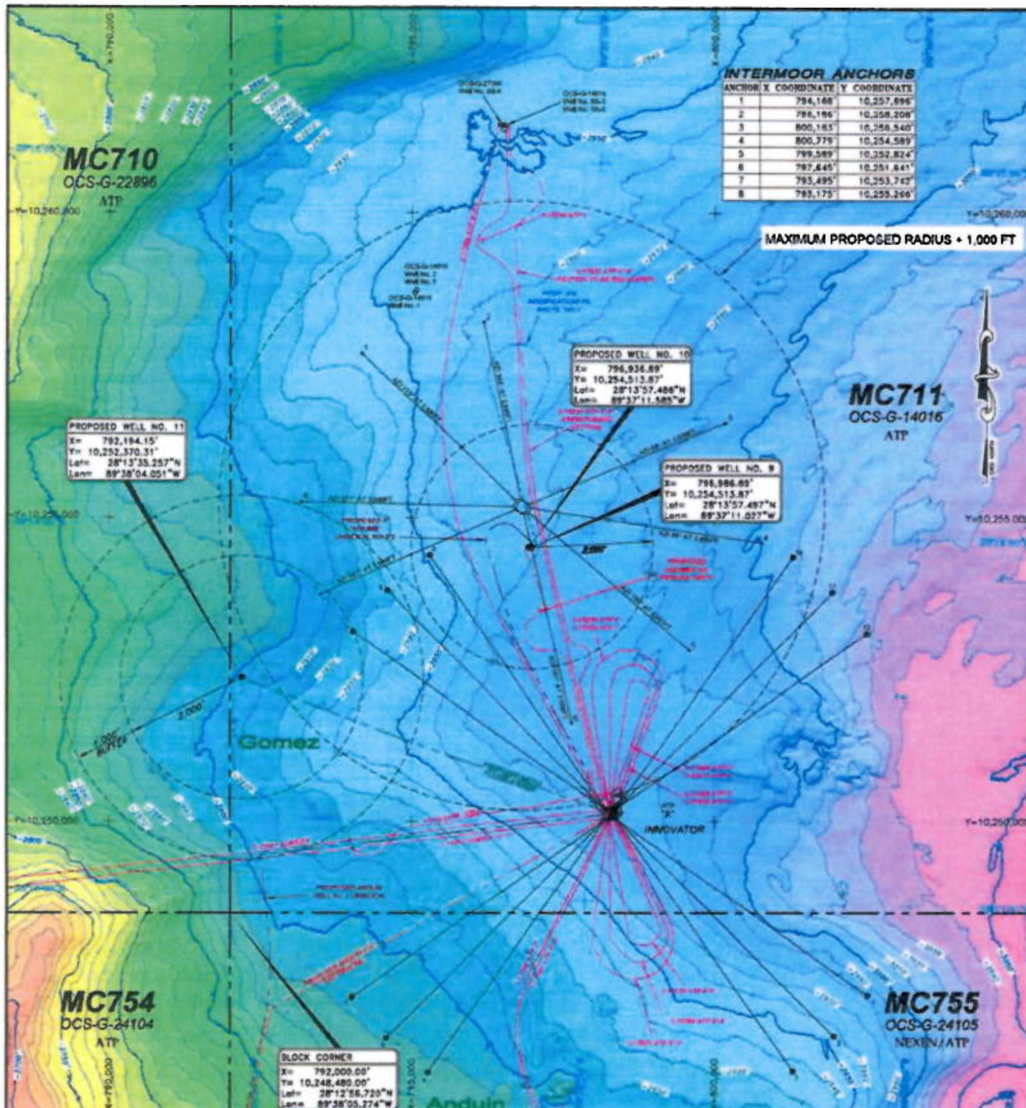
The water depths of the well locations exceed 300 meters (984 feet), the minimum depth for deepwater benthic community potential as outlined in NTL 2009-G40. The review of the geophysical data did identify features, within the study area, that could support high-density deepwater chemosynthetic and coral communities. These features are not within 2,000 feet of the proposed well locations. Potential deepwater benthic communities are located outside of the Well Nos. 9 and 10 anchor radius area, 495 feet to the southeast and 677 feet to the southwest. The closest potential deepwater benthic community to the proposed Well No. 11 location is 2,210 feet southeast of the drill site. Therefore, impact to deepwater benthic communities during drilling activities is considered negligible.

Numerous pipelines, flowlines, and umbilicals exist within the anchor radius area. Caution should be used when placing or retrieving anchors in proximity to the existing infrastructure. The Gomez Field is being actively developed and the drilling rig operator should be made aware of any new construction of pipelines, flowlines, or umbilicals. Two pipelines and one umbilical traverse north to south through the proposed anchor spread. The S-15254 ATP 4-inch is located 180 feet east of the proposed Well No. 9. The Anchor Nos. 7 through 10 and supporting anchor chains for the Platform "A" facility are located in the southern portion of the anchor spread. No pipelines, flowlines or umbilicals exist within 2,000 feet of the proposed Well No. 11 however, the S-15051 Gomez 8-inch is located within the 1,000-foot buffer zone south of the proposed well location. The Anchor No. 7 attached to the Platform "A" facility is located 2,000 feet northeast of the proposed Well No. 11. One temporarily abandoned and two plugged and abandoned wells are located over 4,500 feet to the northwest of proposed Well No. 10, within the proposed anchor spread. Caution should be exercised during well drilling activities when operating near existing infrastructure.

C & C would like to thank you for this opportunity to be of service, and please do not hesitate to call (337-261-0660) if additional information is needed.

Ref. No.	Area	Block	Length	Width	Height	Shape	NAD 27 Lat	NAD 27 Long	NAD 27 X	NAD 27 Y	Avoidance
Sonar Contact Table C&C Job No. 061435											
A1	MC	711	7	7	0	Irregular	28.241882	-89.607205	801093	10257788	100
A2	MC	711	7	7	0	Irregular	28.243887	-89.604408	802010	10258498	100
A3	MC	711	10	3	0	Irregular	28.245886	-89.614692	798714	10259296	100
A4	MC	711	7	7	0	Irregular	28.246515	-89.609967	800240	10259492	100
A5	MC	711	13	3	0	Irregular	28.248971	-89.617536	797822	10260438	100
A6	MC	711	10	3	0	Irregular	28.249307	-89.617911	797704	10260563	100
A7	MC	711	3	3	0	Irregular	28.250873	-89.619079	797340	10261140	100
A8	MC	711	3	3	0	Irregular	28.251084	-89.619366	797249	10261219	100
A9	MC	711	7	3	0	Irregular	28.251022	-89.621561	796542	10261212	100
A10	MC	711	7	3	0	Irregular	28.251288	-89.621413	796592	10261308	100
A11	MC	711	16	3	0	Irregular	28.240392	-89.627764	794460	10257390	100
A12	MC	711	10	3	0	Irregular	28.241708	-89.629103	794040	10257878	100
A13	MC	711	10	3	0	Irregular	28.242184	-89.62961	793880	10258054	100
A14	MC	711	10	3	0	Irregular	28.242134	-89.629657	793865	10258037	100
A15	MC	711	10	3	0	Irregular	28.242078	-89.629372	793956	10258014	100
A16	MC	711	3	3	0	Irregular	28.243039	-89.630252	793680	10258370	100
A17	MC	711	3	3	0	Irregular	28.243511	-89.630375	793644	10258542	100
A18	MC	710	3	3	0	Irregular	28.256538	-89.637418	791479	10263329	100
A28	MC	711	10	3	0	Irregular	28.255142	-89.623021	796104	10262720	100
A29	MC	711	10	3	0	Irregular	28.254163	-89.621988	796429	10262357	100
A32	MC	711	7	3	0	Irregular	28.252637	-89.621045	796721	10261796	100
Sonar Contact Table C&C Job No. 061646											
B1	MC	711	10	7	0	Irregular	28.252672	-89.620918	796762	10261807	100
B2	MC	711	10	9	2	Irregular	28.251107	-89.619357	797252	10261227	100
B3	MC	711	4	3	2	Irregular	28.250894	-89.619093	797336	10261148	100
B4	MC	711	30	15	0	Irregular	28.248466	-89.620458	796877	10260275	100
B5	MC	711	14	3	0	Irregular	28.233698	-89.620276	796819	10254903	100
B6	MC	711	100	100	0	Irregular	28.234357	-89.619685	797015	10255139	100
B7	MC	711	18	5	0	Irregular	28.227606	-89.619491	797024	10252682	100
Sonar Contact Table C&C Job No. 062037											
C35	MC	711	16	3	0	Irregular	28.256349	-89.624038	795786	10263166	100
C36	MC	710	7	7	0	Irregular	28.254375	-89.636227	791846	10262534	100
C37	MC	710	10	3	0	Irregular	28.255733	-89.637347	791496	10263035	100
C39	MC	711	16	3	0	Irregular	28.250256	-89.634582	792343	10261025	100
C40	MC	711	16	3	0	Irregular	28.248088	-89.616173	798254	10260108	100
C41	MC	710	16	3	0	Irregular	28.24685	-89.644056	789265	10259852	100
C42	MC	711	3	16	0	Irregular	28.245306	-89.62141	796545	10259132	100
C43	MC	710	10	3	0	Irregular	28.244606	-89.644144	789219	10259037	100
C44	MC	710	13	3	0	Irregular	28.242427	-89.643776	789320	10258242	100
C45	MC	711	16	3	0	Irregular	28.240412	-89.606564	801288	10257249	100

C46	MC	711	7	3	0	Irregular	28.237722	-89.606132	801406	10256268	100
C47	MC	711	16	3	0	Irregular	28.237117	-89.605969	801454	10256047	100
C48	MC	711	596	976	0	Irregular	28.235772	-89.600169	803311	10255518	100
C49	MC	711	16	3	0	Irregular	28.234237	-89.62459	795434	10255129	100
C50	MC	711	10	3	0	Irregular	28.233074	-89.599465	803517	10254532	100
C51	MC	711	189	2694	0	Irregular	28.231471	-89.619162	797161	10254086	100
C53	MC	711	16	3	0	Irregular	28.229044	-89.630178	793593	10253280	100
C54	MC	711	20	3	0	Irregular	28.229273	-89.632882	792724	10253382	100
C55	MC	710	16	3	0	Irregular	28.225849	-89.642286	789668	10252203	100
C56	MC	710	16	3	0	Irregular	28.225597	-89.643144	789390	10252118	100
C59	MC	755	197	33	17	Irregular	28.21625	-89.605154	801553	10248453	100
C60	MC	754	16	3	0	Irregular	28.214682	-89.640222	790244	10248128	100
C61	MC	754	10	3	0	Irregular	28.21458	-89.645254	788623	10248126	100
C62	MC	754	10	3	0	Irregular	28.212532	-89.639847	790348	10247343	100
C64	MC	754	33	16	0	Irregular	28.209212	-89.635057	791865	10246102	100
C65	MC	754	7	3	0	Irregular	28.210187	-89.639112	790566	10246485	100
Sonar Contact Table C&C Job No. 062080											
D1	MC	711	596	976	0	Irregular	28.235745	-89.599585	803499	10255504	100
D2	MC	711	10	3	0	Irregular	28.233074	-89.599465	803517	10254532	100
D3	MC	711	16	3	0	Irregular	28.229128	-89.599148	803588	10253094	100
D4	MC	711	1419	1274	0	Irregular	28.225638	-89.597792	803998	10251816	100
D5	MC	711	16	3	0	Irregular	28.223971	-89.595738	804646	10251196	100
D8	MC	755	197	33	17	Irregular	28.21625	-89.605154	801553	10248453	100
Sonar Contact Table C&C Job No. 072489											
E668	MC	754	5	2	0	Irregular	28.207058	-89.634782	791937	10245317	100
E669	MC	754	19	7	0	Irregular	28.209249	-89.635103	791850	10246116	100
E670	MC	711	4	2	0	Irregular	28.218435	-89.632471	792771	10249438	100
Sonar Contact Table C&C Database A											
F69	MC	755	7	4	0	Irregular	28.207423	-89.601699	802597	10245219	100
F72	MC	711	4	4	0	Irregular	28.224012	-89.595731	804649	10251210	100
F73	MC	755	0	0	0	Irregular	28.215494	-89.595292	804724	10248110	100
F74	MC	711	4	4	0	Irregular	28.22538	-89.595421	804759	10251706	100
F75	MC	711	5	5	0	Irregular	28.222225	-89.593909	805222	10250548	100
Sonar Contact Table C&C Database B											
G1	MC	711	6	4	0	Irregular	28.225381	-89.596304	804475	10251712	100
G2	MC	711	9	5	0	Irregular	28.225385	-89.595435	804755	10251708	100
G3	MC	711	6	6	0	Irregular	28.225201	-89.594415	805082	10251634	100
G4	MC	711	8	5	0	Irregular	28.224508	-89.595684	804668	10251391	100
G5	MC	711	6	5	0	Irregular	28.223895	-89.595694	804660	10251168	100
G6	MC	711	8	3	0	Irregular	28.223349	-89.595391	804753	10250967	100
G7	MC	711	8	3	0	Irregular	28.222224	-89.593913	805221	10250548	100



INTERMOOR ANCHORS

ANCHOR	X COORDINATE	Y COORDINATE
1	794,168'	10,257,896'
2	796,196'	10,258,208'
3	800,163'	10,258,540'
4	800,779'	10,254,589'
5	799,589'	10,252,824'
6	797,645'	10,251,641'
7	793,495'	10,253,742'
8	793,175'	10,255,266'

PLAN VIEW

Contour interval = 10 feet

Zero datum = Mean Sea Level

Multibeam Processing Sequence

Bin size = 3 meters (9.84 feet)

Median filter applied

Produced gridded-binned dataset using weighted-neighbor algorithm

Search radius = 9 meters (29.53 feet)

Water column velocity corrections applied

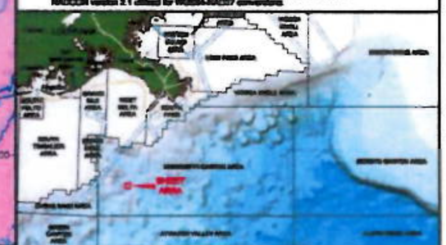
Tide corrections applied using Goddard Ocean Tide Model GOT09.2

o Well with no surface facility

NOTE: All blocks present on chart are 300-meter Archaeological blocks.

DEPTH IN FEET

NOTE: All field data acquired:



ATP Oil & Gas Corporation

COLOR SHADED BATHYMETRY MAP
SITE CLEARANCE
of
PROPOSED WELL NOS. 9, 10 and 11
BLOCKS 710 & 711
MISSISSIPPI CANYON AREA

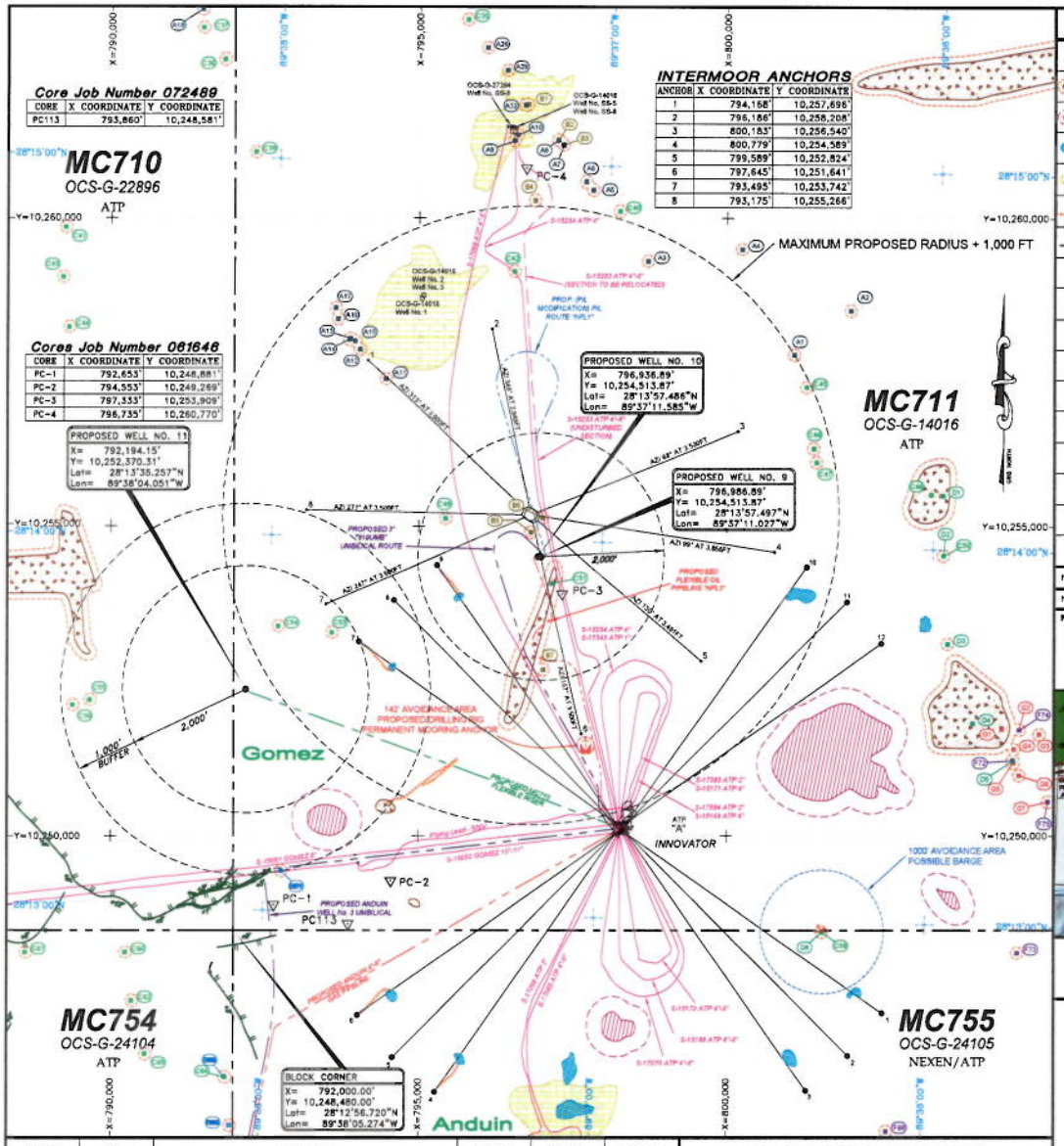
ISSUE	DATE	DESCRIPTION	DRAWN	INTERP	CHECKED
1	May 20, 2010	[illegible]	[illegible]	[illegible]	[illegible]
2	May 25, 2010	[illegible]	[illegible]	[illegible]	[illegible]

GEODETIC DATUM: NAD27
ELLIPSOID: CLARKE 1866
GRID UNITS: U.S. SURVEY FEET
PROJECTION: UNIVERSAL TRANSVERSE MERCATOR

C&C Technologies
SURVEY SERVICES

DATE: May 25, 2010

SHEET 1 of 3



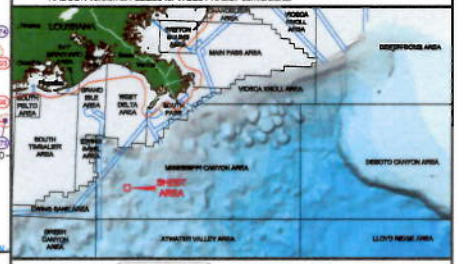
PLAN VIEW

○	Well with no surface facility
	Debris zone and avoidance zone
	Possible authigenic carbonates (high seafloor reflectivity) and avoidance zone
	Disturbed sediment
	Well cuttings
	Anchor chain
	Surface fault with scarp height and seafloor displacement in feet (Hachures on downthrown side)
▽ PC-2	Piston core & core number (Job Number 061646)
▽ PC113	Piston core & core number (Job Number 072489)
A1	Sonar contact & reference number (Job Number 061435)
B1	Sonar contact & reference number (Job Number 061646)
C1	Sonar contact & reference number (Job Number 062037)
D1	Sonar contact & reference number (Job Number 062080)
E1	Sonar contact & reference number (Job Number 072489)
F1	Sonar contact & reference number (C & C database)
G1	Sonar contact & reference number (C & C database)
	Suggested sonar contact avoidance area

NOTE All blocks present on chart are 300-meter Archaeological blocks.

NOTE Please see letter for sonar contact table.

NOTE: All field data acquired:
061435 - June 10, 2006, utilizing the R/V *Northern Resolution, C-Surveyor II*
061646 - August 13 and 14, 2006, utilizing the R/V *Northern Resolution, C-Surveyor II*
062037 - November 29 through 30, 2006, utilizing the R/V *Northern Resolution, C-Surveyor II*
062080 - December 8, 2006, utilizing the R/V *Northern Resolution, C-Surveyor II*
072489 - June 11 through 15, 2007, utilizing the R/V *Moana Wave, C-Surveyor III*
NADCON version 2.1 utilized for WGS84-NAD27 conversions.



ATP Oil & Gas Corporation
4600 Post Oak Place
Suite 300
Houston, Texas 77027-9726

SEAFLOOR AND SUBSURFACE FEATURES MAP
SITE CLEARANCE
of
PROPOSED WELL NOS. 9, 10 and 11
BLOCKS 710 & 711
MISSISSIPPI CANYON AREA

ISSUE	DATE	DESCRIPTION	DRAWN	INTERP	CHECKED
1	May 23, 2010	Preliminary issue with letter	A. McBride	H. Graves	T. Badeaux, A. McBride
2	May 25, 2010	Original issue with letter	A. McBride	H. Graves	T. Badeaux, A. McBride

GEODETIC DATUM: NAD27
ELLIPSOID: CLARKE 1866
GRID UNITS: U.S. SURVEY FEET
PROJECTION: UNIVERSAL TRANSVERSE MERCATOR
ZONE: 16N
CENTRAL MERIDIAN: 87° 00' W
FALSE EASTING: 1,640,416.67 ft. at C.M.
FALSE NORTHING: 0.00 ft. at 00° 00' N

C&C Technologies SURVEY SERVICES

JOB NO. 100433 | DATE: May 25, 2010
FILENAME: 100433.dwg

SHEET 3 of 3

ATTACHMENT J

POWER SPECTRUM AND THP
(Proprietary Information)

Hydrogen Sulfide (H2S) Information

(30 CFR Part 250.215 and 250.245)

A. Concentration

ATP does not anticipate encountering H2S while conducting the proposed development operations provided under this Plan.

B. Classification

In accordance with Title 30 CFR 250.490(c), ATP requests that Mississippi Canyon Block 711 be classified by the Bureau of Ocean Energy Management as an H2S absent area.

C. H2S Contingency Plan

According to NTL 2008-G04, this section of the Plan is not applicable to the proposed operations.

D. Modeling Report

According to NTL 2008-G04, this section of the Plan is not applicable to the proposed operations.

Mineral Resource Conservation Information

(30 CFR Part 250.246)

A. Technology and Reservoir Engineering Practices and Procedures

Included as proprietary data.

B. Technology and Recovery Practices and Procedures

Included as proprietary data.

C. Reservoir Development

Included as proprietary data.

ATTACHMENT K

TECHNOLOGY & RESEVOIR ENGINEERING PRACTICES & PROCEDURES
(Proprietary Information)

ATTACHMENT L

TECHNOLOGY & RECOVERY PRACTICES & PROCEDURES (Proprietary Information)

ATTACHMENT M

RESEVOIR DEVELOPMENT
(Proprietary Information)

Biological, Physical and Socioeconomic Information

(30 CFR Part 250.216 and 250.247)

A. Chemosynthetic Communities Report

The proposed seafloor disturbing activities vary in water depths from 2935 feet to 2985 feet.

ANALYSIS

Submitted under separate cover is the analysis of seafloor features and areas that could be disturbed by the activities proposed in this Plan.

Features or areas that could support high-density chemosynthetic communities are not located within 2000 feet of each proposed mud and cuttings discharge location.

Features or areas that could support high-density chemosynthetic communities are not located within 250 feet of any seafloor disturbances resulting from our use of anchors (including those caused by anchors, anchor chains, and wire ropes).

B. Topographic Features Map

BOEMRE 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 rig placement, and rig or construction base use of anchors, chains, cables, and wire ropes) within 305 meters (1000 feet) of a "No-Activity Zone" of a topographic feature.

If such proposed bottom disturbing activities are within 1000 feet of a no activity zone, the BOEM is required to consult with the NMFS.

The activities proposed in this Plan will not affect a topographic feature.

C. Topographic Features Statement (Shunting)

The activities proposed in this Plan will not affect a topographic feature; therefore, ATP is not required to shunt drill cuttings and drill fluids.

D. Live Bottoms (Pinnacle Trend) Map

Certain leases are located in areas characterized by the existence of live bottoms. Live bottom (Pinnacle trend features) are small, isolated, low to moderate relief carbonate reef features or outcrops of unknown origin or hard substrates exposed by erosion that provide surface area for the growth of sessile invertebrates and attract large number of fish. Known features occur in an area of topographic relief in the northeastern portion of the western Gulf of Mexico. 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 2009-G35.

Mississippi Canyon Block 711 is not located within the vicinity of a proposed live bottom (Pinnacle trend) area.

E. Live Bottoms (Low Relief) Map

Certain leases are located in areas characterized by the existence of live bottoms. Live bottom (Low relief features) are 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 a hard substrate and vertical relief may favor the accumulation of turtles, fishes or other fauna. These features occur in the Eastern Planning Area of the Gulf of Mexico.

Mississippi Canyon Block 711 is not located within the vicinity of a proposed live bottom (Low Relief) area.

F. Potentially Sensitive Biological Features

Oil and gas operations and transportation activities in the vicinity of potentially sensitive biological features may cause deleterious impact to the sessile and pelagic communities associated with those habitats. Adverse impacts to the communities could be caused by mechanical damage from drilling rigs, platforms, pipeline and anchor employment.

Mississippi Canyon Block 711 is not located within the vicinity of a proposed sensitive biological feature area.

G. Remotely Operated Vehicle (ROV) Monitoring Survey Plan

Pursuant to NTL No. 2008-G06, operators may be required to conduct remote operated vehicle (ROV) surveys during pre-spudding and post-drilling operations for the purpose of biological and physical observations.

Mississippi Canyon Block 711 is located within an area where ROV Surveys are required; however, BOEM has adequate data for Grid No. 12. Therefore, ATP will not be conducting ROV surveys for the purpose of biological or physical observations.

H. Threatened and Endangered Species Information

Effective May 14, 2007, Bureau of Ocean Energy Management, Regulation, and Enforcement revised Title 30 CFR Part 250, Subpart B to require lessees/operators to address the federally listed species with designated critical habitat as well as marine mammals which may be impacted by the proposed activities addressed under this Plan.

Attachment N outlines the listed species under the jurisdiction of NOAA fisheries are known to occur in the Gulf of Mexico which may be affected by the proposed action.

ATP does not anticipate that the proposed activities in Mississippi Canyon Block 711 will occur in the presence of federally listed threatened or endangered species and critical habitat designated under the Endangered Species Act (ESA) and marine mammals protected under the Marine Mammal Protection Act (MMPA) based on the information in the referenced Attachment.

I. Archaeological Report

In accordance with NTLs 2005-G07 and 2008-G20, Mississippi Canyon Block 711 is located within an area requiring a 300 meter spacing survey.

This requirement provides protection of prehistoric and historic archaeological resources by requiring remote sensing surveys in areas designated to have a high probability for archaeological resources.

Copies of these reports have been previously submitted to the Bureau of Ocean Energy Management, Regulation, and Enforcement under separate cover.

J. Air and Water Quality Information

According to NTL 2008-G04, this section of the Plan is not applicable to the proposed operations.

K. Socioeconomic Information

According to NTL 2008-G04, this section of the Plan is not applicable to the proposed operations.

ATTACHMENT N

NOAA SPECIES KNOWN IN GOM
(Public Information)

Endangered and Threatened Species and Critical Habitats
under the Jurisdiction of the NOAA Fisheries Service

Gulf of Mexico

Listed Species	Scientific Name	Status	Date Listed
Marine Mammals			
blue whale	*Balaenoptera musculus*	Endangered	12/02/70
finback whale	*Balaenoptera physalus*	Endangered	12/02/70
humpback whale	*Megaptera novaeangliae*	Endangered	12/02/70
sei whale	*Balaenoptera borealis*	Endangered	12/02/70
sperm whale	*Physeter macrocephalus*	Endangered	12/02/70
Turtles			
green sea turtle	*Chelonia mydas*	Threatened[1]	07/28/78
hawksbill sea turtle	*Eretmochelys imbricata*	Endangered	06/02/70
Kemp's ridley sea turtle	*Lepidochelys kempii*	Endangered	12/02/70
leatherback sea turtle	*Dermochelys coriacea*	Endangered	06/02/70
loggerhead sea turtle	*Caretta caretta*	Threatened	07/28/78
Fish			
Gulf sturgeon	*Acipenser oxyrinchus desotoi*	Threatened	09/30/91
smalltooth sawfish	*Pristis pectinata*	Endangered	04/01/03
Invertebrates			
elkhorn coral	*Acropora palmata*	Threatened	5/9/06
staghorn coral	*Acropora cervicornis*	Threatened	5/9/06

Designated Critical Habitat
Gulf Sturgeon: A final rule designating Gulf sturgeon critical habitat was published on March 19, 2003 (68 FR 13370) and 14 geographic areas (units) among the Gulf of Mexico rivers and tributaries were identified. Maps and details regarding the final rule can be found at alabama.fws.gov/gs

Elkhorn and Staghorn Corals: All waters in the depths of 98 ft (30 m) and shallower to the mean low water line surrounding the Dry Tortugas, Florida. Within these specific areas, the essential feature consists of natural consolidated hard substrate or dead coral skeleton that are free from fleshy or turf macroalgae cover and sediment cover. Maps and details regarding coral critical habitat can be found at: http://sero.nmfs.noaa.gov/pr/esa/acropora.htm

Smalltooth Sawfish: A final rule designating smalltooth sawfish critical habitat was published on September 2, 2009 (74 FR 45353). Critical habitat consists of two coastal habitat units: the Charlotte Harbor Estuary Unit and the Ten Thousand Islands/Everglades Unit. Maps and details regarding the smalltooth sawfish critical habitat rule can be found at: http://sero.nmfs.noaa.gov/pr/SmalltoothSawfish.htm

[1] Green turtles are listed as threatened, except for breeding populations of green turtles in Florida and on the Pacific Coast of Mexico, which are listed as endangered

Gulf of Mexico

Candidate Species[2]	Scientific Name
largetooth sawfish	*Pristis pristis*

Species of Concern[3]	Scientific Name
Fish	
Alabama shad	*Alosa alabamae*
dusky shark	*Carcharhinus obscurus*
largetooth sawfish	*Pristis pristis*
night shark	*Carcharinus signatus*
saltmarsh topminnow	*Fundulus jenkinsi*
sand tiger shark	*Carcharias taurus*
speckled hind	*Epinephelus drummondhayi*
Warsaw grouper	*Epinephelus nigritus*
Invertebrates	
ivory bush coral	*Oculina varicosa*

[2] The Candidate Species List has been renamed the Species of Concern List. The term "candidate species" is limited to species that are the subject of a petition to list and for which NOAA Fisheries Service has determined that listing may be warranted (69 FR 19975).

[3] Species of Concern are not protected under the Endangered Species Act, but concerns about their status indicate that they may warrant listing in the future. Federal agencies and the public are encouraged to consider these species during project planning so that future listings may be avoided.

Waste and Discharge Information

(30 CFR Part 250.217 and 250.248)

A. Projected Generated Wastes

Projected solids and liquid wastes likely to be generated under this EP, and plans for the treating, storing and downhole disposal of these wastes is included as ***Attachment O.***

B. Projected Ocean Discharges

Solid and liquid wastes to be discharged overboard are included as ***Attachment O.***

C. Modeling Report

According to NTL 2008-G04, this section of the Plan is not applicable to the proposed operations.

ATTACHMENT O

PROJECTED GENERATED WASTES & OCEAN DISCHARGES (Public Information)

TABLE 1. WASTES YOU WILL GENERATE, TREAT AND DOWNHOLE DISPOSE OR DISCHARGE TO THE GOM

please specify if the amount reported is a total or per well amount

Projected generated waste			Projected ocean discharges		Projected Downhole Disposal
Type of Waste and Composition	Composition	Projected Amount	Discharge rate	Discharge Method	Answer yes or no
Will drilling occur ? If yes, you should list muds and cuttings					
EXAMPLE: Cuttings wetted with synthetic based fluid	*Cuttings generated while using synthetic based drilling fluid.*	*X bbl/well*	*X bbl/day*	*discharge pipe*	
Spent drilling fluids	Water based drilling fluid	8,000 bbl/well	1,700 bbl/hr	Discharge at mudline prior to riser installation	NO
Cuttings wetted with water-based fluid	Drill cuttings associated with water-based fluids	2,500 bbls/well	1,000 bbl/hr	Discharge at mudline prior to riser installation	NO
Cuttings wetted with synthetic-based fluid	Cuttings coated with internal olefinbased synthetic drilling fluids	2,000 bbls/well	200 bbls/day/well	Treated Cuttings will be discharged overboard	NO
chemical product wastes	Ethylene Glycol	50 bbls/well	2 bbls/day/well	Add to produced water stream	YES
Will humans be there? If yes, expect conventional waste					
EXAMPLE: Sanitary waste water		*X liter/person/day*	*NA*	*chlorinate and discharge*	
Domestic waste (kitchen water, shower water)	Gray Water (laundry & galley)	171 bbls/day	30 gal/person/day	Solids are reduced to small particles and discharged overboard	NO
Sanitary waste (toilet water)	Treated human wastes	57 bbls/day	20 gal/person/day	USCG approved MSD w/ chlorination-Discharged overboard	NO
Is there a deck? If yes, there will be Deck Drainage					
Deck Drainage	Rig washings & rainwater	0-4,000 bbls/day Dependant upon rainfall	15 bbl per hour (maximum separator discharge)	Discharged overboard	NO
Will you conduct well treatment, completion, or workover?					
well treatment fluids	Well treatment fluids	250 bbls/well	200 bbls/well every 4 years	Discharge used fluids overboard, excess returned for credit	NO
well completion fluids	Well completion fluids	300 bbls/well	200 bbls/well every 4 years	Discharge used fluids overboard, excess returned for credit	NO
workover fluids	Workover fluids	300 bbls/well	200 bbls/well every 4 years	Discharge used fluids overboard, excess returned for credit	NO
Miscellaneous discharges. If yes, only fill in those associated with your activity.					
Desalinization unit discharge	Sea water	41 bbls/day	N/A	Discharge overboard	NO
Blowout prevent fluid	Biodegradable synthetic oil based fluid	100 bbls/well	N/A	Stored in tanks on rig, discharged at mudline	NO
Ballast water	Uncontaminated sea water	600 bbls/well	100 bbls/hr	Discharged overboard	NO
Bilge water	N/A	N/A	N/A	N/A	N/A
Excess cement at seafloor	Cement at seafloor	100 bbls/well	N/A	Discharge at mudline prior to riser installation	NO
Fire water	N/A	N/A	N/A	N/A	N/A
Cooling water	N/A	N/A	N/A	N/A	N/A
Will you produce hydrocarbons? If yes fill in for produced water.					
Produced water	Produced water	1,000 bbls/day/well	1,000 bbls/day/well	Discharge overboard	NO
Will you be covered by an individual or general NPDES permit ?	General: GMG 290157				

NOTE: if you will not have a type of waste, enter NA in the row.

Air Emissions Information

(30 CFR Part 250.218 and 250.249)

The primary air pollutants associated with OCS development activities are:

- Carbon Monoxide
- Particulate Matter
- Sulphur Oxides
- Nitrous 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 in diesel-powered generators, pumps or motors and in lighter fuel motors. Other air emissions can result from catastrophic events such as oil spills or blowouts.

A. Emissions Worksheets and Screening Questions

The Projected Air Quality Emissions Report (Form MMS-139) addresses the proposed drilling, completion and potential testing operations utilizing a semi-submersible drilling unit and DP rig, installation of lease term pipelines with associated jumpers/umbilicals, and the commencement of production with related support vessels and construction barge information.

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

Emissions Reduction Measures

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

B. Verification of Non-default Emission Factors

ATP has elected to use the default emission factors as provided in ***Attachment P***.

C. Non-Exempt Activities

The proposed activities are within the exemption amount as provided in ***Attachment P***.

D. Modeling Report

According to NTL 2008-G04, this section of the Plan is not applicable to the proposed operations.

ATTACHMENT P

AIR QUALITY EMISSIONS REPORT
(Public Information)

DOCD AIR QUALITY SCREENING CHECKLIST

OMB Control No. 1010-0151
OMB Approval Expires: 12/31/2011

COMPANY	ATP Oil & Gas Corporation
AREA	Mississippi Canyon
BLOCK	711
LEASE	OCS-G 14016
PLATFORM	A
WELL	9 - 11
COMPANY CONTACT	Christine Groth / R.E.M. Solutions, Inc.
TELEPHONE NO.	281.492.3247
REMARKS	Drill and complete 3 wells, install lease pipelines and commence production.

LEASE TERM PIPELINE CONSTRUCTION INFORMATION:		
YEAR	NUMBER OF PIPELINES	TOTAL NUMBER OF CONSTRUCTION DAYS
2010		
2011	3	30
2012		
2013		
2014		
2015		
2016		
2017		
2018		
2019		
2020		

Screening Questions for DOCD'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
Does or will the facility complex associated with your proposed development and production activities process production from eight or more wells?	X	
Do you expect to encounter H_2S at concentrations greater than 20 parts per million (ppm)?		X
Do you propose to flare or vent natural gas in excess of the criteria set forth under 250.1105(a)(2) and (3)?		X
Do you propose to burn produced hydrocarbon liquids?	X	
Are your proposed development and production activities located within 25 miles from shore?		X
Are your proposed development and production activities located within 200 kilometers of the Breton Wilderness Area?		X

Air Pollutant		Plan Emission Amounts[1] (tons)	Calculated Exemption Amounts[2] (tons)		Calculated Complex Total Emission Amounts[3] (tons)
Carbon monoxide (CO)		437.45	45527.76		NA
Particulate matter (PM)		42.55	1631.7		NA
Sulphur dioxide (SO_2)		192.4	1631.7		NA
Nitrogen oxides (NOx)		1614.59	1631.7		NA
Volatile organic compounds (VOC)		1014.94	1631.7		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.

AIR EMISSIONS CALCULATIONS - SECOND YEAR

COMPANY	AREA	BLOCK	LEASE	PLATFORM	WELL		CONTACT	PHONE	REMARKS
ATP Oil & Gas Corporation	Mississippi Canyon	711	OCS-G 14016	A	9 - 11		Christine Groth / R.E.M. Solutio	281.492.3247	#REF!

OPERATIONS	EQUIPMENT	RATING	MAX. FUEL	ACT. FUEL	RUN TIME		MAXIMUM POUNDS PER HOUR					ESTIMATED TONS				
	Diesel Engines	HP	GAL/HR	GAL/D												
	Nat. Gas Engines	HP	SCF/HR	SCF/D												
	Burners	MMBTU/HR	SCF/HR	SCF/D	HR/D	DAYS	PM	SOx	NOx	VOC	CO	PM	SOx	NOx	VOC	CO
DRILLING	PRIME MOVER>600hp diesel	9075	438.3225	10519.74	24	106	6.40	29.34	219.88	6.60	47.97	8.14	37.33	279.69	8.39	61.02
(Ocean Victory)	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
Wells 9 & 10	VESSELS>600hp diesel(crew)	2100	101.43	2434.32	8	15	1.48	6.79	50.88	1.53	11.10	0.09	0.41	3.05	0.09	0.67
	VESSELS>600hp diesel(supply)	2100	101.43	2434.32	10	15	1.48	6.79	50.88	1.53	11.10	0.11	0.51	3.82	0.11	0.83
	VESSELS>600hp diesel(tugs)	4200	202.86	4868.64	12	2	2.96	13.58	101.76	3.05	22.20	0.04	0.16	1.22	0.04	0.27
DRILLING	PRIME MOVER>600hp diesel	61200	2955.96	70943.04	24	23	43.14	197.89	1482.82	44.48	323.52	11.91	54.62	409.26	12.28	89.29
(DP MODU)	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
Well No. 11	VESSELS>600hp diesel(crew)	2100	101.43	2434.32	8	3	1.48	6.79	50.88	1.53	11.10	0.02	0.08	0.61	0.02	0.13
	VESSELS>600hp diesel(supply)	2100	101.43	2434.32	10	3	1.48	6.79	50.88	1.53	11.10	0.02	0.10	0.76	0.02	0.17
	VESSELS>600hp diesel(tugs)	4200	202.86	4868.64	12	2	2.96	13.58	101.76	3.05	22.20	0.04	0.16	1.22	0.04	0.27
PIPELINE	PIPELINE LAY BARGE diesel	45000	2173.5	52164.00	24	30	31.72	145.51	1090.31	32.71	237.89	11.42	52.38	392.51	11.78	85.64
INSTALLATION	SUPPORT VESSEL diesel	5479	264.6357	6351.26	24	30	3.86	17.72	132.75	3.98	28.96	1.39	6.38	47.79	1.43	10.43
	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)	5000	241.5	5796.00	24	30	3.52	16.17	121.15	3.63	26.43	1.27	5.82	43.61	1.31	9.52
PRODUCTION	RECIP.<600hp diesel (Port Crane)	408	19.7064	472.95	2	365	0.90	1.32	12.58	1.01	2.72	0.33	0.48	4.59	0.37	0.99
Existing Platform A	RECIP.<600hp diesel (Crane)	350	16.905	405.72	10	365	0.77	1.13	10.79	0.86	2.34	1.41	2.07	19.70	1.58	4.26
(Currently producing)	RECIP.>600hp diesel (Prime Mover #1)	1325	63.9975	1535.94	14	180	0.93	4.28	32.10	0.96	7.00	1.18	5.40	40.45	1.21	8.83
	RECIP.>600hp diesel (Prime Mover #2)	1325	63.9975	1535.94	12	180	0.93	4.28	32.10	0.96	7.00	1.01	4.63	34.67	1.04	7.56
	RECIP.>600hp diesel (Prime Mover #3)	1325	63.9975	1535.94	12	180	0.93	4.28	32.10	0.96	7.00	1.01	4.63	34.67	1.04	7.56
	RECIP.>600hp diesel (Prime Mover #4)	1325	63.9975	1535.94	12	180	0.93	4.28	32.10	0.96	7.00	1.01	4.63	34.67	1.04	7.56
	RECIP.>600hp diesel (Prime Mover #5)	1325	63.9975	1535.94	12	180	0.93	4.28	32.10	0.96	7.00	1.01	4.63	34.67	1.04	7.56
	RECIP.<600hp diesel (Emerg Gen)	570	27.531	660.74	2	52	1.26	1.84	17.58	1.41	3.80	0.07	0.10	0.91	0.07	0.20
	RECIP.<600hp diesel (Fire Diesel)	75	3.6225	86.94	2	52	0.17	0.24	2.31	0.19	0.50	0.01	0.01	0.12	0.01	0.03
	SUPPORT VESSEL diesel	1800	86.94	2086.56	7	130	1.27	5.82	43.61	1.31	9.52	0.58	2.65	19.84	0.60	4.33
	SUPPORT VESSEL diesel	600	28.98	695.52	3	65	0.42	1.94	14.54	0.44	3.17	0.04	0.19	1.42	0.04	0.31
	SUPPORT VESSEL diesel	600	28.98	695.52	10	130	0.42	1.94	14.54	0.44	3.17	0.27	1.26	9.45	0.28	2.06
	TURBINE nat gas (Electric Generator)	4500	42858	1028592.00	24	365		0.02	12.89	0.10	8.23		0.11	56.44	0.43	36.03
	TURBINE nat gas (Tandom Gas Comp)	6481	61725.044	1481401.06	24	365		0.04	18.56	0.14	11.85		0.15	81.28	0.63	51.90
	TURBINE nat gas (Booster Gas Comp)	4500	42858	1028592.00	24	365		0.02	12.89	0.10	8.23		0.11	56.44	0.43	36.03
	RECIP.2 cycle lean nat gas	0	0	0.00	0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	RECIP.4 cycle lean nat gas	0	0	0.00	0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	RECIP.4 cycle rich nat gas	0	0.00	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-(Oil, Dry Surge w/ VRU)	20000			24	342				25.00					102.60	
	TANK- (Methonol w/ VRU)	39			24	52				0.05					0.03	
	TANK- (Diesel)	12			24	52				0.02					0.01	
	FLARE-		0		0	0				0.00					0.00	
	PROCESS VENT- (Upset)		4166666		10	10				14166.66					708.33	
	PROCESS VENT- (Maintenance)		5000		10	365				17.00					31.03	
	FUGITIVES-			3000.0		365				1.50					6.57	
	GLYCOL STILL VENT- (2 Dehyd)		4166666		24	365				27.50					120.45	
DRILLING	OIL BURN	250			24	4	4.38	71.15	20.83	0.10	2.19	0.21	3.42	1.00	0.00	0.11
WELL TEST	GAS FLARE		208333.33		24	4		0.12	14.87	12.56	80.94		0.01	0.71	0.60	3.88
2011 YEAR TOTAL							**114.73**	**567.96**	**3810.46**	**14364.81**	**925.26**	**42.55**	**192.40**	**1614.59**	**1014.94**	**437.45**
EXEMPTION CALCULATION	**DISTANCE FROM LAND IN MILES**											**1631.70**	**1631.70**	**1631.70**	**1631.70**	**45527.76**
	49.0															

AIR EMISSIONS CALCULATIONS - THIRD YEAR

COMPANY	AREA	BLOCK	LEASE	PLATFORM	WELL		CONTACT			PHONE	REMARKS					
ATP Oil & Gas Corporation	Mississippi Canyon	711	OCS-G 14016	A	9 - 11		Christine Groth / R.E.M. Solutio			281.492.3247	#REF!					
OPERATIONS	EQUIPMENT	RATING	MAX. FUEL	ACT. FUEL	RUN TIME		MAXIMUM POUNDS PER HOUR					ESTIMATED TONS				
	Diesel Engines	HP	GAL/HR	GAL/D												
	Nat. Gas Engines	HP	SCF/HR	SCF/D												
	Burners	MMBTU/HR	SCF/HR	SCF/D	HR/D	DAYS	PM	SOx	NOx	VOC	CO	PM	SOx	NOx	VOC	CO
DRILLING	PRIME MOVER>600hp diesel	61200	2955.96	70943.04	24	39	43.14	197.89	1482.82	44.48	323.52	20.19	92.61	693.96	20.82	151.41
(DP MODU)	PRIME MOVER>600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BURNER diesel	0			0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AUXILIARY EQUIP<600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(crew)	2100	101.43	2434.32	8	6	1.48	6.79	50.88	1.53	11.10	0.04	0.16	1.22	0.04	0.27
	VESSELS>600hp diesel(supply)	2100	101.43	2434.32	10	6	1.48	6.79	50.88	1.53	11.10	0.04	0.20	1.53	0.05	0.33
	VESSELS>600hp diesel(tugs)	4200	202.86	4868.64	12	2	2.96	13.58	101.76	3.05	22.20	0.04	0.16	1.22	0.04	0.27
PIPELINE	PIPELINE LAY BARGE diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INSTALLATION	SUPPORT VESSEL diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PIPELINE BURY BARGE diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SUPPORT VESSEL diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(crew)	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(supply)	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PRODUCTION	RECIP.<600hp diesel (Port Crane)	408	19.7064	472.95	2	365	0.90	1.32	12.58	1.01	2.72	0.33	0.48	4.59	0.37	0.99
Existing Platform A	RECIP.<600hp diesel (Crane)	350	16.905	405.72	10	365	0.77	1.13	10.79	0.86	2.34	1.41	2.07	19.70	1.58	4.26
(Currently producing)	RECIP.>600hp diesel (Prime Move	1325	63.9975	1535.94	14	180	0.93	4.28	32.10	0.96	7.00	1.18	5.40	40.45	1.21	8.83
	RECIP.>600hp diesel (Prime Move	1325	63.9975	1535.94	12	180	0.93	4.28	32.10	0.96	7.00	1.01	4.63	34.67	1.04	7.56
	RECIP.>600hp diesel (Prime Move	1325	63.9975	1535.94	12	180	0.93	4.28	32.10	0.96	7.00	1.01	4.63	34.67	1.04	7.56
	RECIP.>600hp diesel (Prime Move	1325	63.9975	1535.94	12	180	0.93	4.28	32.10	0.96	7.00	1.01	4.63	34.67	1.04	7.56
	RECIP.>600hp diesel (Prime Move	1325	63.9975	1535.94	12	180	0.93	4.28	32.10	0.96	7.00	1.01	4.63	34.67	1.04	7.56
	RECIP.<600hp diesel (Emerg Gen	570	27.531	660.74	2	52	1.26	1.84	17.58	1.41	3.80	0.07	0.10	0.91	0.07	0.20
	RECIP.<600hp diesel (Fire Diesel)	75	3.6225	86.94	2	52	0.17	0.24	2.31	0.19	0.50	0.01	0.01	0.12	0.01	0.03
	SUPPORT VESSEL diesel	1800	86.94	2086.56	7	130	1.27	5.82	43.61	1.31	9.52	0.58	2.65	19.84	0.60	4.33
	SUPPORT VESSEL diesel	600	28.98	695.52	3	65	0.42	1.94	14.54	0.44	3.17	0.04	0.19	1.42	0.04	0.31
	SUPPORT VESSEL diesel	600	28.98	695.52	10	130	0.42	1.94	14.54	0.44	3.17	0.27	1.26	9.45	0.28	2.06
	TURBINE nat gas (Electric Genera	4500	42858	1028592.00	24	365		0.02	12.89	0.10	8.23		0.11	56.44	0.43	36.03
	TURBINE nat gas (Tandom Gas C	6481	61725.044	1481401.06	24	365		0.04	18.56	0.14	11.85		0.15	81.28	0.63	51.90
	TURBINE nat gas (Booster Gas C	4500	42858	1028592.00	24	365		0.02	12.89	0.10	8.23		0.11	56.44	0.43	36.03
	RECIP.2 cycle lean nat gas	0	0	0.00	0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	RECIP.4 cycle lean nat gas	0	0	0.00	0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	RECIP.4 cycle rich nat gas	0	0.00	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-(Oil, Dry Surge w/ VRU)	20000			24	342				25.00					102.60	
	TANK- (Methonol w/ VRU)	39			24	52				0.05					0.03	
	TANK- (Diesel)	12			24	52				0.02					0.01	
	FLARE-		0		0	0				0.00					0.00	
	PROCESS VENT- (Upset)		4166666		10	10				14166.66					708.33	
	PROCESS VENT- (Maintenance)		5000		10	365				17.00					31.03	
	FUGITIVES-			3000.0		365				1.50					6.57	
	GLYCOL STILL VENT- (2 Dehyd)		4166666		24	365				27.50					120.45	
DRILLING	OIL BURN	250			24	2	4.38	71.15	20.83	0.10	2.19	0.11	1.71	0.50	0.00	0.05
WELL TEST	GAS FLARE		208333.33		24	2		0.12	14.87	12.56	80.94		0.00	0.36	0.30	1.94
2012 YEAR TOTAL							63.31	332.06	2042.85	14311.78	539.60	28.32	125.88	1128.12	1000.07	329.50
EXEMPTION CALCULATION	DISTANCE FROM LAND IN MILES											1631.70	1631.70	1631.70	1631.70	45527.76
	49.0															

AIR EMISSIONS CALCULATIONS - FOURTH YEAR

COMPANY	AREA	BLOCK	LEASE	PLATFORM	WELL		CONTACT			PHONE	REMARKS					
ATP Oil & Gas Corporatio	Mississippi Canyon	711	OCS-G 14016	A	9 - 11		Christine Groth / R.E.M. Solution			281.492.3247	#REF!					
OPERATIONS	EQUIPMENT	RATING	MAX. FUEL	ACT. FUEL	RUN TIME		MAXIMUM POUNDS PER HOUR					ESTIMATED TONS				
	Diesel Engines	HP	GAL/HR	GAL/D												
	Nat. Gas Engines	HP	SCF/HR	SCF/D												
	Burners	MMBTU/HR	SCF/HR	SCF/D	HR/D	DAYS	PM	SOx	NOx	VOC	CO	PM	SOx	NOx	VOC	CO
DRILLING	PRIME MOVER>600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PRIME MOVER>600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	BURNER diesel	0			0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	AUXILIARY EQUIP<600hp diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(crew)	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(supply)	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(tugs)	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PIPELINE INSTALLATION	PIPELINE LAY BARGE diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SUPPORT VESSEL diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PIPELINE BURY BARGE diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SUPPORT VESSEL diesel	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(crew)	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	VESSELS>600hp diesel(supply)	0	0	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PRODUCTION	RECIP.<600hp diesel (Port Crane)	408	19.7064	472.95	2	365	0.90	1.32	12.58	1.01	2.72	0.33	0.48	4.59	0.37	0.99
	RECIP.<600hp diesel (Crane)	350	16.905	405.72	10	365	0.77	1.13	10.79	0.86	2.34	1.41	2.07	19.70	1.58	4.26
	RECIP.>600hp diesel (Prime Move	1325	63.9975	1535.94	14	180	0.93	4.28	32.10	0.96	7.00	1.18	5.40	40.45	1.21	8.83
	RECIP.>600hp diesel (Prime Move	1325	63.9975	1535.94	12	180	0.93	4.28	32.10	0.96	7.00	1.01	4.63	34.67	1.04	7.56
	RECIP.>600hp diesel (Prime Move	1325	63.9975	1535.94	12	180	0.93	4.28	32.10	0.96	7.00	1.01	4.63	34.67	1.04	7.56
	RECIP.>600hp diesel (Prime Move	1325	63.9975	1535.94	12	180	0.93	4.28	32.10	0.96	7.00	1.01	4.63	34.67	1.04	7.56
	RECIP.>600hp diesel (Prime Move	1325	63.9975	1535.94	12	180	0.93	4.28	32.10	0.96	7.00	1.01	4.63	34.67	1.04	7.56
	RECIP.<600hp diesel (Emerg Gen)	570	27.531	660.74	2	52	1.26	1.84	17.58	1.41	3.80	0.07	0.10	0.91	0.07	0.20
	RECIP.<600hp diesel (Fire Diesel)	75	3.6225	86.94	2	52	0.17	0.24	2.31	0.19	0.50	0.01	0.01	0.12	0.01	0.03
	SUPPORT VESSEL diesel	1800	86.94	2086.56	7	130	1.27	5.82	43.61	1.31	9.52	0.58	2.65	19.84	0.60	4.33
	SUPPORT VESSEL diesel	600	28.98	695.52	3	65	0.42	1.94	14.54	0.44	3.17	0.04	0.19	1.42	0.04	0.31
	SUPPORT VESSEL diesel	600	28.98	695.52	10	130	0.42	1.94	14.54	0.44	3.17	0.27	1.26	9.45	0.28	2.06
	TURBINE nat gas (Electric Generat	4500	42858	1028592.00	24	365		0.02	12.89	0.10	8.23		0.11	56.44	0.43	36.03
	TURBINE nat gas (Tandom Gas Co	6481	61725.044	1481401.06	24	365		0.04	18.56	0.14	11.85		0.15	81.28	0.63	51.90
	TURBINE nat gas (Booster Gas Co	4500	42858	1028592.00	24	365		0.02	12.89	0.10	8.23		0.11	56.44	0.43	36.03
	RECIP.2 cycle lean nat gas	0	0	0.00	0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	RECIP.4 cycle lean nat gas	0	0	0.00	0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
	RECIP.4 cycle rich nat gas	0	0.00	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-(Oil, Dry Surge w/ VRU)	20000			24	342				25.00					102.60	
	TANK- (Methonol w/ VRU)	39			24	52				0.05					0.03	
	TANK- (Diesel)	12			24	52				0.02					0.01	
	FLARE-		0		0	0				0.00					0.00	
	PROCESS VENT- (Upset)		4166666		10	10				14166.66					708.33	
	PROCESS VENT- (Maintenance)		5000		10	365				17.00					31.03	
	FUGITIVES-			3000.0		365				1.50					6.57	
	GLYCOL STILL VENT- (2 Dehyd)		4166666		24	365				27.50					120.45	
DRILLING	OIL BURN	0			0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WELL TEST	GAS FLARE		0		0	0		0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
2013	YEAR TOTAL						9.87	35.74	320.80	14248.53	88.55	7.91	31.03	429.33	978.83	175.23
EXEMPTION CALCULATION	DISTANCE FROM LAND IN MILES											1631.70	1631.70	1631.70	1631.70	45527.76
	49.0															

AIR EMISSIONS CALCULATIONS

COMPANY	AREA	BLOCK	LEASE	PLATFORM	WELL
ATP Oil & Gas Corporation	Mississippi Canyon	711	OCS-G 14016	A	9 - 11

Year	Emitted Substance				
	PM	SOx	NOx	VOC	CO
2011	42.55	192.40	1614.59	1014.94	437.45
2012	28.32	125.88	1128.12	1000.07	329.50
2013	7.91	31.03	429.33	978.83	175.23
2014	7.91	31.03	429.33	978.83	175.23
2015	7.91	31.03	429.33	978.83	175.23
2016	7.91	31.03	429.33	978.83	175.23
Allowable	1631.70	1631.70	1631.70	1631.70	45527.76

Oil Spill Information

(30 CFR Part 250.219 and 250.250)

A. Oil Spill Response Planning

All the proposed activities and facilities in this Plan will be covered by the Oil Spill Response Plan filed by ATP Oil & Gas Corporation (Operator Number 01819) in accordance with 30 CFR 254. The Regional OSRP was most recently updated on May 5, 2011 to provide for a change in the worst case discharge.

The BOEMRE has accepted the OSRP certification statement submitted by ATP Oil & Gas Company on March 4, 2011, certifying ATP's capability to respond to the worst case discharge and requesting approval to operate for a period not to exceed two years while the Regional OSRP is pending approval.

B. Spill Response Sites

The following location will be used in the event and oil spill occurs as a result of the proposed activities.

Primary Response Equipment Location	Pre-Planned Staging Location(s)
Fort Jackson, LA	Venice, LA

C. OSRO Information

ATP utilized 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. ATP is also a member of the Helix Well Containment Group which specializes in the response to well blowout scenarios

D. Worst-Case Scenario Information

Category	***Regional OSRP***	***DOCD***
Type of Activity	Development Production	Development Production
Facility Surface Location	Mississippi Canyon Block 941	Mississippi Canyon Block 711
Facility Description	Platform A (Titan)	Well No. 009
Distance to Nearest Shoreline (Miles)	70 miles	49 miles
Volume:		
Storage Tanks (total)	1,450	
Facility Piping (total)	4,000	
Lease Term Pipeline	0	191
Uncontrolled Blowout (day)	128,131	31,120

Potential 24 Hour Volume (Bbls.)	133,581 bbls	31,311 bbls
Type of Liquid Hydrocarbon	Oil	Oil
API Gravity	26.0°	35.7°

Included as ***Attachment D*** is the transmittal letter to the Bureau of Ocean Energy Management, Regulation, and Enforcement including the required data outlined in NTL 2010-N06.

ATP has the capability to respond to the appropriate worst-case spill scenario included in its Regional OSRP modified on May 5, 2011, and since the worst-case scenario determined for our DOCD does not replace the worst-case scenario in our Regional OSRP, I hereby certify that ATP 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 DOCD.

E. Oil Spill Response Discussion

In the event of an uncontrolled spill release resulting from the activities proposed in this Plan, ATP's Person-In-Charge on the MODU or the Shorebase Dispatcher would most likely be the initial individuals to contact the Qualified Individual (QI) or our Spill Management Team (SMT) detailed in the Regional OSRP. The QI would immediately activate the SMT to ascertain the severity of the spill incident. ATP's SMT Incident Command Center is located at O'Brien's Response Management, Inc's office in Slidell, Louisiana.

Dependent upon the severity of the spill incident, a trajectory analysis would be conducted utilizing the MMS Oil Spill Risk Analysis Model (OSRAM) as referenced in our approved Regional OSRP. This trajectory would provide the required information on percentage and timing of potential impact to the shoreline impact areas. The SMT would then identify the areas of sensitivities at potential landfall segment(s), so additional planning may be conducted for shoreline protection strategies. If surveillance indicates a potential threat to shoreline; the appropriate equipment and personnel would be deployed, as outlined in our Regional OSRP.

An overflight may be conducted to determine the extent and dissipation rate of the spill, with potential sampling of the spill release. Mechanical recovery equipment may also be dispatched to the leading edge of the spill, as outlined in our Regional OSRP. If additional offshore response is required, the SMT would initiate the Dispersant Use Plan of the Regional OSRP and utilize the services of Airborne Support Inc.'s aircraft and personnel.

Included is the spill response discussion in accordance with 30 CFR 254.26(b), (c), (d), and (e).

F. Modeling Report

According to NTL 2008-G04, this section of the Plan is not applicable to the proposed operations.

SPILL RESPONSE DISCUSSION

For the purpose of NEPA and Coastal Zone Management Act analysis, the largest spill volume originating from the proposed activity would be a well blowout during production operations, estimated to be 31,311 barrels of crude oil with an API gravity of 35.7°.

Land Segment and Resource Identification

Trajectories of a spill and the probability of it impacting a land segment have been projected utilizing information in the BOEM Oil Spill Risk Analysis Model (OSRAM) for the Central and Western Gulf of Mexico available on the BOEM website. The results are shown in Figure 1. The BOEM OSRAM identifies an 8% probability of impact to the shorelines of Plaquemines Parish, Louisiana within 30 days. Plaquemines Parish includes Barataria Bay, the Mississippi River Delta, Breton Sound and the affiliated islands and bays. This region is an extremely sensitive habitat, and serves as a migratory, breeding, feeding and nursery habitat for numerous species of wildlife. Beaches in this area vary in grain particle size, and can be classified as fine sand, shell or perched shell beaches. Sandy and muddy tidal flats are also abundant. Additional discussion of protection strategies for potentially affected resources is included in ATP Oil& Gas Corporation's Regional Oil Spill Response Plan.

Response

ATP Oil & Gas Corporation will make every effort to respond to the Worst Case Discharge as effectively as practicable. A description of the response equipment available to contain and recover the Worst Case Discharge is shown in Figure 2.

Using the estimated chemical and physical characteristics of crude oil, an ADIOS weathering model was run on a similar product from the ADIOS oil database. The results indicate 34% or 10,645 barrels of crude oil would be evaporated/dispersed within 24 hours, with 20,666 barrels remaining.

Spill Response MC 711	**Barrels of Oil**
WCD Volume	31,311
Less 34% natural evaporation/dispersion	10,645
Remaining volume	20,666
Oil addressed by aerial dispersants	7,540
Oil addressed by in-situ burning	1,565

Figure 2 outlines equipment, personnel, materials and support vessels as well as temporary storage equipment available to respond to a spill of 31,311 barrels. The list estimates individual times needed for procurement, load out, travel time to the site and deployment. **Figure 2** also indicates how operations will be supported.

If aerial dispersants are utilized, 8 sorties (9,600 gallons) from two of the DC-3 aircrafts and 4 sorties (8,000 gallons) from the Basler aircraft should disperse approximately 7,540 barrels of product. If the conditions are favorable for in-situ burning, the proper approvals have been obtained and the proper planning is in place, in-situ burning of oil may be attempted. Using estimates based on the Deepwater Horizon spill of 2010, up to 5% or 1,565 barrels of the total daily Worst Case Discharge

volume could be burned. Slick containment boom would be immediately called out and on-scene as soon as possible. Offshore response strategies may include attempting to skim utilizing the HOSS Barge, the R/V Grand Bay and nine Fast Response Units, with a total derated skimming capacity of 81,930 barrels. Temporary storage associated with skimming equipment equals 5,765 barrels. If additional storage is needed, four 24,000 barrel storage barge may be mobilized. **Safety is first priority. Air monitoring will be accomplished and operations deemed safe prior to any containment/skimming attempts.**

If the spill went unabated, shoreline impact in Plaquemines Parish, Louisiana would depend upon existing environmental conditions. Shoreline protection would include the use of CGA's near shore and shallow water skimmers with a totaled derated skimming capacity of 20,475 barrels. Temporary storage associated with skimming equipment equals 1,376 barrels. If additional storage is needed, a 22,500 barrel storage barge and two 24,000 barrel storage barges may be mobilized. Onshore response may include the deployment of shoreline boom on beach areas, or protection and sorbent boom on vegetated areas. For 18" shoreline protection boom, ATP Oil & Gas Corporation has a Master Service Agreement in place with AMPOL, which provides for 62,000 feet of boom. In addition, Oil Mop has furnished a Letter of Intent to supply ATP Oil & Gas Corporation with up to 85,000 feet of boom in the event of a spill. Strategies would be based upon surveillance and real time trajectories that depict areas of potential impact given actual sea and weather conditions. The State of Louisiana Initial Oil Spill Response Plan for Plaquemines Parish Unified Command would be consulted to ensure that environmental and special economic resources would be correctly identified and prioritized to ensure optimal protection. Shoreline protection strategies depict the protection response modes applicable for oil spill clean-up operations. The State of Louisiana Initial Oil Spill Response Plan provides detailed shoreline protection strategies for this area, and it describes necessary action to keep the oil spill from entering Louisiana's coastal wetlands, based on the assumption that removal of the released oil will be much easier and less damaging to fragile coastal ecosystems if done in the open waters of the Gulf of Mexico. Supervisory personnel have the option to modify the deployment and operation of equipment allowing a more effective response to site-specific circumstances. ATP Oil & Gas Corporation's contract Spill Management Team holds a copy of the State of Louisiana Initial Oil Spill Response Plan.

FIGURE 1
TRAJECTORY BY LAND SEGMENT

Trajectory of a spill and the probability of it impacting a land segment have been projected utilizing ATP Oil & Gas Corporation's WCD and information in the BOEM Oil Spill Risk Analysis Model (OSRAM) for the Central and Western Gulf of Mexico available on the BOEM website using 30 day impact. The results are tabulated below.

Area/Block	OCS-G	Launch Area	Land Segment and/or Resource	Conditional Probability (%) within 30 days
Development - Production **MC 711 #9/#10** *49 miles from shore*	G14016	C58	Galveston County, TX Jefferson County, TX Cameron Parish, LA Vermilion Parish, LA Iberia Parish, LA Terrebonne Parish, LA Lafourche Parish, LA Jefferson Parish, LA **Plaquemines Parish, LA** St. Bernard Parish, LA Okaloosa County, FL	1 1 3 2 1 3 3 1 **8** 1 1

WCD Scenario– BASED ON WELL BLOWOUT DURING PRODUCTION OPERATIONS (49 miles from shore)
31,311 bbls of crude oil
API Gravity 35.7°

FIGURE 2 – Equipment Response Time to Mississippi Canyon 711 Well No. 009

Dispersant/Surveillance	Dispersant Capacity (gal)	Storage Capacity	Persons Req.	From	Hrs to Procure	Hrs to Loadout	Travel to site	Total Hrs
Basler 67T	2000	NA	2	Houma	1	1	0.6	2.6
DC 3	1200	NA	2	Houma	1	1	0.8	2.8
DC 3	1200	NA	2	Houma	1	1	0.8	2.8
Aero Commander	NA	NA	2	Houma	1	1	0.6	2.6

Offshore Equipment No Staging	EDRC	Storage Capacity	VOO	Persons Required	From	Hrs to Procure	Hrs to Loadout	Hrs to GOM	Travel to Spill Site	Hrs to Deploy	Total Hrs
HOSS Barge	43000	4000	3 Tugs	8	Houma	4	0	5	11.3	1	21.3
46' FRV	5000	65	NA	4	Venice	1	0	1	2.0	0	4.0

Recovered Oil Storage No Staging	EDRC	Storage Capacity	VOO	Persons Required	From	Hrs to Procure	Hrs to Loadout	Hrs to GOM	Travel to Spill Site	Hrs to Deploy	Total Hrs
CTCo 2404	NA	24000	1 Tug	6	Amelia	4	0	4	16.88	1	25.88
CTCo 2601	NA	24000	1 Tug	6	Amelia	4	0	4	16.88	1	25.88
CTCo 2602	NA	24000	1 Tug	6	Amelia	4	0	4	16.88	1	25.88
CTCo 2603	NA	24000	1 Tug	6	Amelia	4	0	4	16.88	1	25.88

Nearshore Recovered Oil Storage No Staging	EDRC	Storage Capacity	VOO	Persons Required	From	Hrs to Procure	Hrs to Loadout	Hrs to GOM	Travel to Spill Site	Hrs to Deploy	Total Hrs
CTCo 2604	NA	22500	1 Tug	6	Amelia	4	0	4	16.88	1	25.88
CTCo 2605	NA	24000	1 Tug	6	Amelia	4	0	4	16.88	1	25.88
CTCo 2606	NA	24000	1 Tug	6	Amelia	4	0	4	16.88	1	25.88

Staging Area: Venice

Offshore Equipment With Staging	EDRC	Storage Capacity	VOO	Persons Req.	From	Hrs to Procure	Hrs to Load Out	Travel to Staging	Travel to Site	Hrs to Deploy	Total Hrs
FRU (1) + 100 bbl Tank (2)	3770	200	1 Utility	6	Belle Chasse	1	2	2	4.2	1	10.2
FRU (1) + 100 bbl Tank (2)	3770	200	1 Utility	6	Galveston	1	2	8	4.2	1	16.2
FRU (3) + 100 bbl Tank (5)	11310	500	1 Utility	6	Houma	1	2	3	4.2	1	11.2
FRU (1) + 100 bbl Tank (2)	3770	200	1 Utility	6	Ingleside	1	2	11	4.2	1	19.2
FRU (1) + 100 bbl Tank (2)	3770	200	1 Utility	6	Lake Charles	1	2	5.5	4.2	1	13.7
FRU (2) + 100 bbl Tank (4)	7540	400	1 Utility	6	Venice	1	2	0	4.2	1	8.2

Offshore Equipment With Staging	EDRC	Storage Capacity	VOO	Persons Req.	From	Hrs to Procure	Hrs to Load Out	Travel to Staging	Travel to Site	Hrs to Deploy	Total Hrs
42" Auto Boom (5000')	NA	NA	10 Crew	20	Belle Chasse	1	2	2	4.2	1	10.2
42" Auto Boom (5000')	NA	NA	10 Crew	20	Galveston	1	2	8	4.2	1	16.2
42" Auto Boom (5000')	NA	NA	10 Crew	20	Houma	1	2	3	4.2	1	11.2
42" Auto Boom (2500')	NA	NA	6 Crew	12	Ingleside	1	2	11	4.2	1	19.2
42" Auto Boom (5000')	NA	NA	10 Crew	20	Lake Charles	1	2	5.5	4.2	1	13.7
42" Auto Boom (2500')	NA	NA	6 Crew	12	Pascagoula	1	2	4	4.2	1	12.2

Nearshore and Inland Skimmers With Staging	EDRC	Storage Capacity	VOO	Persons Req.	From	Hrs to Procure	Hrs to Load Out	Travel to Staging	Travel to Deployment Site	Hrs to Deploy	Total Hrs
SWS Egmopol	3000	100	NA	3	Galveston	1	2	8	2	0	13
SWS Egmopol	3000	100	NA	3	Houma	1	2	3	2	0	8
SWS Marco	3588	34	NA	3	Venice	1	2	0	2	0	5
SWS Marco	3588	34	NA	3	Houma	1	2	3	2	0	8
SWS Marco	3588	20	NA	3	Lake Charles	1	2	5.5	2	0	10.5
Foilex Skim Package (TDS 150)	891	45	NA	3	Lake Charles	1	2	5.5	2	0	10.5
Foilex Skim Package (TDS 150)	891	45	NA	3	Houma	1	2	3	2	0	8
4 Drum Skimmer (Magnum 100)	686	NA	NA	3	Lake Charles	1	2	5.5	2	0	10.5
4 Drum Skimmer (Magnum 100)	686	NA	NA	3	Houma	1	2	3	2	0	8
2 Drum Skimmer (TDS 118)	240	NA	NA	3	Lake Charles	1	2	5.5	2	0	10.5
2 Drum Skimmer (TDS 118)	240	NA	NA	3	Houma	1	2	3	2	0	8
Rope Mop	77	2	0	3	Belle Chasse	1	2	2	2	0	7
RO Storage Barge	NA	249	Towed	0	Galveston	1	2	8	2	0	13
RO Storage Barge	NA	249	Towed	0	Houma	1	2	3	2	0	8
RO Storage Barge	NA	249	Towed	0	Lake Charles	1	2	5.5	2	0	10.5
RO Storage Barge	NA	249	Towed	0	Venice	1	2	0	2	0	5

Beach Boom	EDRC	Storage Capacity	VOO	Persons Req.	From	Hrs to Procure	Hrs to Load Out	Travel to Staging	Travel to Deployment Site	Hrs to Deploy	Total Hrs
Beach Boom (2000')	NA	NA	NA	6	Galveston	1	2	8	1	2	14
Beach Boom (1000')	NA	NA	NA	4	Ingleside	1	2	11	1	2	17
Beach Boom (2000')	NA	NA	NA	6	Pascagoula	1	2	4	1	2	10

Wildlife Response	EDRC	Storage Capacity	VOO	Persons Req.	From	Hrs to Procure	Hrs to Load Out	Travel to Staging	Travel to Deployment	Hrs to Deploy	Total Hrs
Wildlife Support Trailer	NA	NA	NA	2	Houma	1	2	3	1	2	9
Bird Scare Guns (24)	NA	NA	NA	2	Belle Chasse	1	2	2	1	2	8
Bird Scare Guns (12)	NA	NA	NA	2	Galveston	1	2	8	1	2	14
Bird Scare Guns (24)	NA	NA	NA	2	Houma	1	2	3	1	2	9
Bird Scare Guns (12)	NA	NA	NA	2	Ingleside	1	2	11	1	2	17
Bird Scare Guns (24)	NA	NA	NA	2	Lake Charles	1	2	5.5	1	2	11.5
Bird Scare Guns (24)	NA	NA	NA	2	Pascagoula	1	2	4	1	2	10

Shoreline Protection Boom	VOO	Persons Req.	Storage/Warehouse Location	Hrs to Procure	Hrs to Load Out	Travel to Staging	Travel to Deployment Site	Hrs to Deploy
AMPOL (through MSA)								
42,000' 18" Boom	16 Crew	40	New Iberia	2	2	4	2	10
20,000' 18" Boom	8 Crew	20	New Orleans	2	2	2	2	8
Oil Mop (through Letter of Intent)								
10,000' 18" Boom	4	10	New Iberia, LA	1	1	4	2	3
10,000' 18" Boom	4	10	Houston, TX	1	1	7.5	2	3
10,000 18" Boom	4	10	Port Arthur, TX	1	1	6.25	2	3
20,000 18" Boom	8	20	Belle Chasse, LA	1	1	1.75	2	6
10,000 18" Boom	4	10	Port Allen, LA	1	1	3.5	2	3
10,000 18" Boom	4	10	Houma, LA	1	1	3.5	2	3
15,000 18" Boom	6	14	Gretna, LA (Warehouse)	2	2	2	2	4

Response Asset	Total	Total	Total
Offshore EDRC	81,930	Nearshore / Shallow Water EDRC	20,475
Offshore Recovered Oil Storage	101,765	Nearshore / Shallow Water Recovered Oil Storage	71,876

Environmental Monitoring Information

(30 CFR Part 250.221 and 250.252)

A. Monitoring Systems

ATP subscribes to Wilkens Weather Service which provides access to real-time weather conditions, and provides periodic updates on impending inclement weather conditions such as tropical depressions, storms and/or hurricanes entering the Gulf of Mexico.

ATP also relies on the National Weather Service to support the aforementioned subscribed service. During impending inclement weather conditions, ATP closely coordinates its activities with those of its contractors and field personnel to ensure the safety of personnel. When appropriate, measures to prepare the facility for evacuation are commenced to ensure protection of the environment, the facility, and equipment.

B. Incidental Takes

Effective May 14, 2007, Bureau of Ocean Energy Management, Regulation, and Enforcement revised regulations in Title 30 CFR Part 250, Subpart B to require lessees/operators to provide for monitoring systems if the activities provided for in this Plan have the potential to result in an incidental take of any federally listed species and/or marine mammals.

ATP does not anticipate the incidental taking of any species as a result of the proposed activities based on the implementation of, and adherence to, the NTL 2007-G03 "Marine Trash and Debris Awareness Training and Elimination" and NTL 2007-G04 "Vessel Strike Avoidance and Injured/Dead Protected Species Reporting".

C. Flower Garden Banks National Marine Sanctuary

According to NTL 2008-G04, this section of the Plan is not applicable to the proposed operations.

Lease Stipulations Information

(30 CFR Part 250.222 and 250.253)

Under the Outer Continental Shelf Lands Act, the Bureau of Ocean Energy Management, Regulation, and Enforcement 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 Bureau of Ocean Energy Management, Regulation, and Enforcement, and other governing agencies.

The Bureau of Ocean Energy Management, Regulation, and Enforcement did not invoke any stipulations for Lease OCS-G 14016, Mississippi Canyon Block 711.

A. Special Conditions

- **Marine Protected Species**

ATP will follow guidelines to minimize or avoid potential adverse impact to protected species (sea turtles, marine mammals, gulf sturgeon, and other federally protected species). BOEM has issued NTL 2007-G02 "Implementation of Seismic Mitigation Measures and Protected Species Observer Program", NTL 2007-G04 "Vessel Strike Avoidance and Injured/Dead Protected Species Reporting" and NTL 2007-G03 "Marine Trash and Debris Awareness and Elimination".

- **Subsea Completions**

ATP will complete the subject wells as subsea completions. Therefore, ATP will follow the regulations in Title 30 CFR Parts 250.286 through 250.299, which mandates the submittal and approval of separate regulatory filings entitled as a "Deepwater Operations Plan" and a "Conservation Information Document" respectively.

- **Breton Sound Area**

Mississippi Canyon Block 711 is located within the 200 km zone of the Breton National Wildlife Refuge, and will consider the use of best available control technology as required in NTL 98-10 if the projected air emissions are determined to significantly affect the air quality of an onshore area.

Environmental Mitigation Measures Information

(30 CFR Part 250.223 and 250.254)

Effective May 14, 2007, Bureau of Ocean Energy Management, Regulation, and Enforcement revised Title 30 CFR Part 250, Subpart B to require lessees/operators to address the federally listed species with designated critical habitat as well as marine mammals which may be impacted by the proposed activities addressed under this Plan.

Attachment M outlines the listed species under the jurisdiction of NOAA fisheries that are known to occur in the Gulf of Mexico and may be affected by the proposed action.

ATP does not anticipate that the proposed activities in Mississippi Canyon Block 711 will occur in the presence of federally listed threatened or endangered species and critical habitat designated under the ESA and marine mammals protected under the MMPA based on the information is the referenced Attachment.

Related Facilities and Operations Information
(30 CFR Part 250.256)

A. Related OCS Facilities and Operations

The subsea wells will be equipped with a wellhead and tree, connected via proposed lease term pipelines with associated jumpers and umbilicals to ATP's existing Mississippi Canyon Block 711 Platform A (Innovator).

Approximate 4.5" bulk lease pipelines will be installed (via derrick barge) to transport production from the subsea wells to ATP's Platform A in Mississippi Canyon Block 711.

Other than installing associated platform piping on the host facility, there are no immediate Plans to further modify the existing facility.

The anticipated combined flow rates and shut-in times for the proposed pipelines are as follows:

Origination Point	Flow Rates	Shut In Time
MC 711 #009	30 MMCFD 5000 BCPD	< 1 Minute
MC 711 #010	6.6 MMCFD 6000 BOPD	< 1 Minute
MC 711 #011	6.0 MMCFD 6000 BOPD	<1 Minute

B. Transportation System

Produced hydrocarbons from the respective host facility in Mississippi Canyon Block 711 will be further transported via ATP's existing export 8-inch oil pipeline (Segment No. 15051) and 8/10-inch gas pipeline (Segment No. 15052) for ultimate delivery to LaRose, Louisiana.

ATP does not anticipate the installation of any new or modification of the existing onshore facilities to accommodate the production of Mississippi Canyon Block 711.

C. Produced Liquid Hydrocarbon Transportation Vessels

According to NTL 2008-G04, this section of the Plan is not applicable to the proposed operations.

Support Vessels and Aircraft Information

(30 CFR Part 250.224 and 250.257)

General

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

Type	Maximum Fuel Tank Storage Capacity	Maximum No. in Area at Any Time	Trip Frequency or Duration (Drilling/Production)
Tug Boats	3,000 bbls	2	As needed
Supply Boats	500 bbls	1	One time weekly
Crew Boats	500 bbls	1	One time weekly
Aircraft	1,900 lbs (7 bbls)	1	As needed

A. Diesel Oil Supply Vessels

The following table details the vessels to be used for purposes other than fuel (i.e., corrosion control):

Size of Fuel Supply Vessel	Capacity of Fuel Supply Vessel	Frequency of Fuel Transfers	Route Fuel Supply Vessel Will Take
320 feet	360,000 gallons	As required	Most Direct Route

B. Drilling Fluids Transportation

According to NTL 2008-G04, this section of the Plan is not applicable to the proposed operations.

C. Solid and Liquid Wastes Transportation

This information is included in ***Attachment Q***.

D. Vicinity Map

A Vicinity Plat showing the location of Mississippi Canyon Block 711 relative to the shoreline and onshore base is included as ***Attachment R.***

ATTACHMENT Q

SOLID & LIQUID WASTES TRANSPORTATION (Public Information)

TABLE 2. WASTES YOU WILL TRANSPORT AND /OR DISPOSE OF ONSHORE

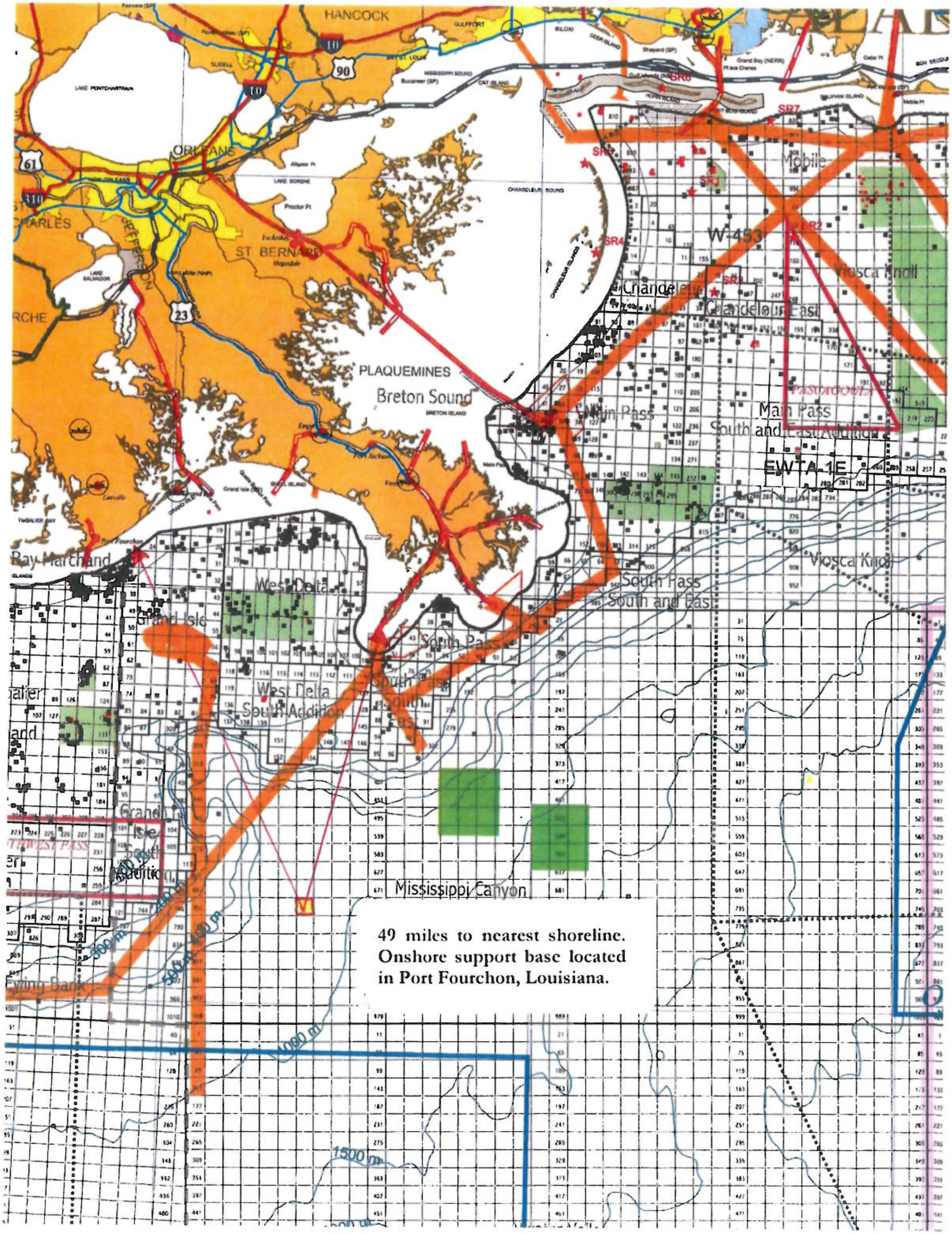
please specify whether the amount reported is a total or per well

	Projected generated waste		Solid and Liquid Wastes transportation	Waste Disposal		
Type of Waste	**Composition**		**Transport Method**	**Name/Location of Facility**	**Amount**	**Disposal Method**
Will drilling occur ? If yes, fill in the muds and cuttings.						
EXAMPLE: Oil-based drilling fluid or mud						
Oil-based drilling fluid or mud	**N/A**		**N/A**	**N/A**	**N/A**	**N/A**
Synthetic-based drilling fluid or mud	**synthetic drilling fluids**		**Cutting boxes on supply boat**	**MI-SWACO-Fourchon, LA**	**2,000 bbls/well**	**Reused**
Cuttings wetted with Water-based fluid	**N/A**		**N/A**	**N/A**	**N/A**	**N/A**
Cuttings wetted with Synthetic-based fluid	**N/A**		**N/A**	**N/A**	**N/A**	**N/A**
Cuttings wetted with oil-based fluids	**N/A**		**N/A**	**N/A**	**N/A**	**N/A**
Will you produce hydrocarbons? If yes fill in for produced sand.						
Produced sand	**N/A**		**N/A**	**N/A**	**N/A**	**N/A**
Will you have additional wastes that are not permitted for discharge? If yes, fill in the appropriate rows.						
EXAMPLE: trash and debris	***cardboard, aluminum,***		***barged in a storage bin***	***shorebase***	***z tons total***	***recycle***
trash and debris	**Refuse generated during operations: paper, cardboard, aluminum**		**Storage bins on crew boat**	**Municipal landfill Fourchon, LA**	**1,000 ft³**	**Landfill**
used oil	**N/A**		**N/A**	**N/A**	**N/A**	**N/A**
wash water	**N/A**		**N/A**	**N/A**	**N/A**	**N/A**
chemical product wastes	**Ethylene glycol**		**Stored in approved tanks, spent chemical sent to port for disposal**	**Newpark Fourchon, LA**	**50 bbls/month**	**Recycle**

NOTE: If you will not have a type of waste, enter NA in the row.

ATTACHMENT R

VICINITY MAP
(Public Information)


HANCOCK
LAKE PONTCHARTRAIN
ORLEANS
CHARLES
ST BERNARD
PLAQUEMINES
Breton Sound
Chandeleur
Chandeleur East
W-453
Mobile
Viosca Knoll
Main Pass
Main Pass South and East Addition
PASCAGOULA
EWTA-1E
Bay Marchand
Grand Isle
West Delta
West Delta South Addition
South Pass
South Pass South and East
Grand Isle South Addition
Mississippi Canyon
Ewing Bank
1000 m
1500 m
49 miles to nearest shoreline.
Onshore support base located
in Port Fourchon, Louisiana.

Onshore Support Facilities Information

(30 CFR Part 250.225 and 250.258)

A. General

The proposed surface disturbances in Mississippi Canyon Block 711 will be located approximately 49 miles from the nearest Louisiana shoreline, and approximately 70 miles from the onshore support base.

Name	Location	Existing/New/Modified
HOS Port	Port Fourchon, LA	Existing

ATP will use an existing onshore base to accomplish the following routine operations and does not anticipate the need for any expansion of the selected facilities as a result of the activities proposed in this Plan:

- Loading/Offloading point for equipment supporting the offshore operations,
- Dispatching personnel and equipment
- Temporary storage for materials and equipment
- 24-Hour Dispatcher

B. Support Base Construction or Expansion

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

C. Support Base Construction or Expansion Timetable

ATP did not acquired land to construct a new onshore support base for the proposed operations.

D. Waste Disposal

This information is included in ***Attachment Q.***

Coastal Zone Management Act (CZMA) Information

(30 CFR Part 250.226 and 250.260)

Under the direction of the Coastal Zone Management Act (CZMA), 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. Consistency Certification

The proposed supplemental development activities will not require Coastal Zone Management Consistency from the State of Louisiana.

B. Other Information

According to NTL 2008-G04, this section of the Plan is not applicable to the proposed operations.

Environmental Impact Analysis

(30 CFR Part 250.227 and 250.261)

A. Impact Producing Factors (IPF's) From Proposed Activities

The following matrix is utilized to identify the affected environments that could be impacted by these IPF's. An "x" has been marked for each IPF category that ATP has determined may impact a particular environment as a result of the proposed activities. For those cells which are footnoted, a statement is provided as to the applicability of the proposed activities, and where there may be an effect, an analysis of the effect is provided.

Environmental Resources	Impact Producing Factors (IPFs)					
	Emissions (air, noise, light, etc.)	**Effluents (muds, cuttings, other discharges to the water column or seafloor)**	**Physical disturbances to the seafloor (rig or anchor emplacement, etc.)**	**Wastes sent to shore for treatment or disposal**	**Accidents (e.g. oil spills, chemical spills, H_2S releases)**	**Other IPFs you identify**
Site Specific at Offshore Location						
Designated topographic features		(1)	(1)		(1)	
Pinnacle Trend area live bottoms		(2)	(2)		(2)	
Eastern Gulf live bottoms		(3)	(3)		(3)	
Chemosynthetic communities			(4)			
Water quality		X	X		X	
Fisheries		X	X		X	
Marine mammals	X (8)	X			X (8)	X
Sea turtles	X (8)	X			X (8)	X
Air quality	X (9)					
Shipwreck sites (known or potential)			(7)			
Prehistoric archaeological sites			X (7)			
Vicinity of Offshore Location						
Essential fish habitat		X	X		X (6)	
Marine and pelagic birds	**X**				X	X
Public health and safety					(5)	
Coastal and Onshore						
Beaches					X (6)	X
Wetlands					X (6)	
Shorebirds and coastal nesting birds					X (6)	X
Coastal wildlife refuges					X	
Wilderness areas					X	

Footnotes for Environmental Impact Analysis Matrix

1. Activities that may affect a marine sanctuary or topographic feature. Specifically, if the well or platform site or any anchors will be on the seafloor within the:
   (a) 4-mile zone of the Flower Gardens Banks, or the 3-mile zone of Stetson Bank;
   (b) 1000-m, 1-mile or 3-mile zone of any topographic feature (submarine bank) protected by the Topographic Features Stipulation attached to an OCS lease;
   (c) Essential Fish Habitat (EFH) criteria of 500 ft from any no-activity zone; or
   (d) Proximity of any submarine bank (500 ft buffer zone) with relief greater than 2 meters that is not protected by the Topographic Stipulation attached to an OCS lease.
2. Activities with any bottom disturbance within an OCS lease block protected through the Live Bottom (Pinnacle Trend) Stipulation attached to an OCS lease.
3. Activities within any Eastern Gulf OCS block where seafloor habitats are protected by the Live Bottom (Low-Relief) Stipulation attached to an OCS lease.
4. Activities on blocks designated by the BOEM as being in water depths 300 meters or greater.
5. Exploration or production activities where H_2S concentrations greater than 500 ppm might be encountered.
6. All activities that could result in an accidental spill of produced liquid hydrocarbons or diesel fuel that you determine would impact these environmental resources. If the proposed action is located a sufficient distance from a resource that no impact would occur, the EIA can note that in a sentence or two.
7. All activities that involve seafloor disturbances, including anchor emplacements, in any OCS block designated by the MMS as having high-probability for the occurrence of shipwrecks or prehistoric sites, including such blocks that will be affected that are adjacent to the lease block in which your Planned activity will occur. If the proposed activities are located a sufficient distance from a shipwreck or prehistoric site that no impact would occur, the EIA can note that in a sentence or two.
8. All activities that you determine might have an adverse effect on endangered or threatened marine mammals or sea turtles or their critical habitats.
9. Production activities that involve transportation of produced fluids to shore using shuttle tankers or barges.

B. Impact Analysis

ATP does not anticipate any incidents from the proposed activities which could significantly impact the associated environment. LLOG activities associated with this Plan will be performed with prudent and industry accepted standards, and in compliance with the federal agency regulations and oversight.

The "Oil Spill Information" Section of this Plan details the potential worst case discharge volume which has been calculated based on the new Bureau of Ocean Energy Management, Regulation and Enforcement (BOEM) Notice to Lessees (NTL 2010-N06). Response details associated with an unanticipated spill from this site are detailed in our Regional Oil Spill Response Plan (OSRP) which outlines the potential spill scenario, spill volumes, anticipated trajectory of the spill, response equipment available, and actions to be taken to respond to the potential spill incident. Additional measures implemented by ATP are trajectory analyses to be obtained prior to and during the proposed activities, contractual arrangements with well control specialists and preliminary reviews of potential well intervention scenarios, and supplement of existing contracted response/clean-up equipment with equipment offered by Helix which specializes in subsea deepwater well intervention, containment and processing.

Site Specific at Offshore Location

- **Designated Topographic Features**

  There are no anticipated emissions, effluents, physical disturbances to the seafloor, wastes transported to shore, and/or accidents from the proposed activities that could cause impact to topographic features.

  The proposed surface disturbances within Mississippi Canyon Block 711 are located approximately 27 miles away from the closest designated topographic feature (Sackett Bank). The crests of these designated topographic features in the northern Gulf are typically found below 10 m; therefore, concentrated oil from a surface spill is not likely to reach sessile biota. Subsurface spills could cause adverse impacts to a designated topographic feature.

  In the unlikely event of a surface and/or subsurface oil spill, there could be a temporary impact on and below the water's surface. ATP would immediately implement its Regional Oil Spill Response Plan and activate source control and countermeasures to minimize these potential impacts.

- **Pinnacle Trend Area Live Bottoms**

  There are no anticipated emissions, effluents, physical disturbances to the seafloor, wastes sent to shore, and/or accidents from the proposed activities that could cause impact to a pinnacle trend area.

The proposed surface disturbances within Mississippi Canyon Block 711 are located a significant distance (>100 miles) from the closest pinnacle trend live bottom stipulated block. The crests of these pinnacle trend areas are much deeper than 20 m. During the well location selection, ATP reviews potential surface impacts, and would be able to identify any pinnacles within the vicinity and would avoid placement of any surface disturbances such as a drilling rig and associated anchors.

In the unlikely event of a surface and/or subsurface oil spill, there could be a temporary impact on and below the water's surface. ATP would immediately implement its Regional Oil Spill Response Plan and activate source control and countermeasures to minimize these potential impacts.

- **Eastern Gulf Live Bottoms**

There are no anticipated emissions, effluents, emissions physical disturbances to the seafloor, wastes sent to shore, and/or accidents from the proposed activities that could cause impact to Eastern Gulf live bottoms.

The proposed surface disturbances within Mississippi Canyon Block 711 are located a significant distance from the closest pinnacle Eastern Gulf live bottom stipulated block. During the well location selection, ATP reviews potential surface impacts, and would be able to identify any live bottom areas within the vicinity and would avoid placement of any surface disturbances such as a drilling rig and associated anchors.

In the unlikely event of a surface and/or subsurface oil spill, there could be a temporary impact on and below the water's surface. . ATP would immediately implement its Regional Oil Spill Response Plan and activate source control and countermeasures to minimize these potential impacts.

- **Chemosynthetic Communities**

Water depths in Mississippi Canyon Block 711 range from 2840 feet to 3010 feet. As noted in the shallow hazards assessment (Attachment I in the Plan), the proposed locations and anchor radius are located outside of chemosynthetic or other benthic communities.

- **Water Quality**

Bottom disturbances which may result based on placement of drilling rigs during an exploratory phase could increase water column turbidity and redistribution of any accumulated pollutants in the water column; which could cause temporary impact on water quality conditions in the immediate vicinity.

Associated overboard effluents are regulated by the EPA Region VI NPDES General Permit GMG290000 based on volume discharge rate limitations, certain testing requirements for toxicity and oil and grease limitations. As such, it is not anticipated these discharges authorized under the approved EPA NPDES permit will cause impact to water quality.

Certain wastes generated from the proposed activities will be manifested and sent to shore for treatment and/or disposal at approved facilities. Other waste which may be considered hazardous will be collected and transported in sealed containers and transported to approved disposal sites in accordance with the RCRA regulations and guidelines.

An accidental oil spill release from the proposed activities, and cumulative similar discharge activity within the vicinity could potentially cause temporary impact to water quality. 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 a 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. ATP would immediately implement its Regional Oil Spill Response Plan and activate source control and countermeasures to minimize the potential impact.

- **Fisheries**

ATP will conduct the proposed activities under EPA's Region VI NPDES General Permit GMG290157 which authorizes the discharge of certain effluents, subject to certain limitations, prohibitions and recordkeeping requirements. As such, it is not anticipated these discharges authorized under the approved EPA NPDES permit will cause adverse impact to water quality.

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 close to mobile adult finfish or shellfish would likely be sub-lethal 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 a 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. In that event, ATP will implement the Regional Oil Spill Response Plan and activate source control and countermeasures to minimize these potential impacts.

- **Marine Mammals**

As a result of the proposed activities, marine mammals may be adversely impacted by emissions, effluents, waste sent to shore, and/or accidents.

Chronic and sporadic sub-lethal 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 an accidental oil spill, chance collisions with service vessels or ingestion of plastic material used in the activities proposed in this Plan.

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 a ship could cause serious injury or death (Laist et al., 2001).

Sperm whales are one of 11 whale species that are most frequently involved in allisions with vessels (Laist et al., 2001). Allisions between OCS vessels and cetaceans within the project area would be unusual.

In the event of a blowout resulting in an oil spill, it is unlikely that the resulting release would have much impact base on accepted effectiveness of using proven equipment and technology for responses to spills. In that event, ATP will implement the Regional Oil Spill Response Plan and activate source control and countermeasures to minimize these potential impacts.

ATP 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 authorized under the approved EPA NPDES permit will cause adverse impacts to water quality.

Additionally, ATP does not anticipate the incidental taking of any marine mammals as the result of the proposed activities. The proposed activities will be conducted by our company and its contractors under the additional criteria outlined in BOEM's NTL 2007-G04 "Vessel Strike Avoidance and Injured/Dead Protective Species" and 2007-G03 "Marine Trash & Debris Awareness & Elimination".

- **Sea Turtles**

As a result of the proposed activities, sea turtles may be adversely impacted by emissions, effluents, waste sent to shore, and/or accidents.

Small numbers of turtles could be killed or injured by chance allisions 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 produce noise that could disrupt normal behavior patterns and create some stress to sea turtles. This would make them more susceptible to disease. Accidental oil spill releases are potential threats which could have lethal effects on turtles. Contact with and/or consumption of this released material could seriously affect individual sea turtles. Most OCS related impacts on sea turtles are expected to be sub-lethal.

ATP 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 authorized under the approved EPA NPDES permit will cause significant adverse impacts to water quality.

Additionally, ATP and its contractors will conduct the proposed activities under the additional criteria outlined in BOEM's NTL 2007-G04 "Vessel Strike Avoidance and Injured/Dead Protective Species" and 2007-G03 "Marine Trash & Debris Awareness & Elimination".

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. In that event, ATP will implement the Regional Oil Spill Response Plan and activate source control and countermeasures to minimize these potential impacts.

- **Air Quality**

The proposed activities are located approximately 49 miles to the nearest shoreline. ATP has addressed the air quality issues associated with the proposed activities in the "Air Emissions Information" section of this Plan as a result of the proposed activities.

- **Ship Wreck Sites (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. As such, ATP does not anticipate any IPF's as a result of the proposed activities.

- **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. As such, ATP does not anticipate any IPF's as a result of the proposed activities.

Vicinity of Offshore Location

- **Essential Fish Habitat**

As a result of the proposed activities, essential fish habitat may be adversely impacted by effluents and/or accidents.

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 sub-lethal and the extent of damage would be reduced due 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 a blowout resulting in an oil spill, it is unlikely that the resulting release would have much impact base on accepted effectiveness of using proven equipment and technology for responses to spills. In that event, ATP will implement the Regional Oil Spill Response Plan and activate source control and countermeasures to minimize these potential impacts.

- **Marine and Pelagic Birds**

  As a result of the proposed activities, marine and pelagic birds may be adversely impacted by an accidental oil spill due to their potential contact with the released oil.

  In the event of a blowout resulting in an oil spill, it is unlikely that the resulting release would have much impact base on accepted effectiveness of using proven equipment and technology for responses to spills. In that event, ATP will implement the Regional Oil Spill Response Plan and activate source control and countermeasures to minimize these potential impacts.

- **Public Health and Safety**

  There are no anticipated emissions, effluents, wastes sent to shore, and/or accidents from the proposed activities that could cause impacts to the public health and safety. ATP has requested BOEM approval to classify the proposed objective area as absent of hydrogen sulfide.

Coastal and Onshore

- **Beaches**

  As a result of the proposed activities, beaches may be adversely impacted by an accidental oil spill. However, due to the distance from shore (approximately 49 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 2002-052 indicate there is little risk of contact or impact to the coastline and associated environmental resources.

  In the event of a blowout resulting in an oil spill, it is unlikely that the resulting release would have much impact base on accepted effectiveness of using proven equipment and technology for responses to spills. In that event, ATP will implement the Regional Oil Spill Response Plan and activate source control and countermeasures to minimize these potential impacts.

- **Wetlands**

  As a result of the proposed activities, wetlands may be adversely impacted by an accidental oil spill. However, due to the distance from shore (approximately 49 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 2002-052 indicate there is little risk of contact or impact to the coastline and associated environmental resources.

In the event of a blowout resulting in an oil spill, it is unlikely that the resulting release would have much impact base on accepted effectiveness of using proven equipment and technology for responses to spills. In that event, ATP will implement the Regional Oil Spill Response Plan and activate source control and countermeasures to minimize these potential impacts.

- **Shore Birds and Coastal Nesting Birds**

As a result of the proposed activities, shore birds and coastal nesting birds may be adversely impacted by an accidental oil spill. However, due to the distance from shore (approximately 49 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 2002-052 indicate there is little risk of contact or impact to the coastline and associated environmental resources.

In the event of a blowout resulting in an oil spill, it is unlikely that the resulting release would have much impact base on accepted effectiveness of using proven equipment and technology for responses to spills. In that event, ATP will implement the Regional Oil Spill Response Plan and activate source control and countermeasures to minimize these potential impacts.

- **Coastal Wildlife Refuges**

As a result of the proposed activities, coastal wildlife refuges may be adversely impacted by an accidental oil spill. However, due to the distance from shore (approximately 49 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 2002-052 indicate there is little risk of contact or impact to the coastline and associated environmental resources.

In the event of a blowout resulting in an oil spill, it is unlikely that the resulting release would have much impact base on accepted effectiveness of using proven equipment and technology for responses to spills. In that event, ATP will implement the Regional Oil Spill Response Plan and activate source control and countermeasures to minimize these potential impacts.

- **Wilderness Areas**

As a result of the proposed activities, wilderness areas may be adversely impacted by an accidental oil spill. However, due to the distance to the nearest area (approximately 49 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 2002-052 indicate there is little risk of contact or impact to the coastline and associated environmental resources.

In the event of a blowout resulting in an oil spill, it is unlikely that the resulting release would have much impact base on accepted effectiveness of using proven equipment and technology for responses to spills. In that event, ATP will implement the Regional Oil Spill Response Plan and activate source control and countermeasures to minimize these potential impacts.

Other Resources Identified

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

C. Impacts on Proposed Activities

ATP does not anticipate any impacts on the offshore site specific locations, offshore vicinity, and/or coastal and onshore environmental conditions based on the potential impacts identified in the EIA worksheets and historical operations in the exploration of this reservoir.

D. Environmental Hazards

The proposed operations in Mississippi Canyon Block 711 have the potential to be affected by the "Loop Current" which is a warm ocean current in the Gulf of Mexico that flows northward between Cuba and the Yucatan peninsula, moves northward into the Gulf of Mexico, then loops east and south before existing to the east through the Florida Straits. While the loop current is present approximately 95% of the time, it is most active in the summer and fall seasons.

To mitigate potential impacts to the well during impending hurricanes or loop currents, ATP will take precautionary measures by securing the well, rig and evacuation of personnel; and will comply with the requirements of NTL 2008-G09 and 2009-G10.

E. Alternatives

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

F. Mitigation Measures

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

G. Consultation

ATP 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.

H. References

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

Document	*Author*	*Dated*
Shallow Hazards Survey	Kinsella, Cook & Associates	1993
MMS Environmental Impact Statement Report No. 2007-003	Bureau of Ocean Energy Management, Regulation, and Enforcement	2007
Title 30 CFR Part 250 Subpart B (250.241/250.247/ 250.252/250.254)	Bureau of Ocean Energy Management, Regulation, and Enforcement	2006
NTL 2006-N06 "Flaring and Venting Regulations"	Bureau of Ocean Energy Management, Regulation, and Enforcement	2005
NTL 2009-G39 "Biologically Sensitive Underwater Features and Areas	Bureau of Ocean Energy Management, Regulation, and Enforcement	2009
NTL 2007-G04 "Vessel Strike Avoidance and Injured/Dead Protective Species"	Bureau of Ocean Energy Management, Regulation, and Enforcement	2007
NTL 2007-G03 "Marine Trash & Debris Awareness & Elimination"	Bureau of Ocean Energy Management, Regulation, and Enforcement	2007
NTL 2005-G07 "Archaeological Resource Surveys and Reports"	Bureau of Ocean Energy Management, Regulation, and Enforcement	2005
NTL 2008-G20 "Revisions to the List of OCS Lease Blocks Requiring Archaeological Resource Surveys and Reports"	Bureau of Ocean Energy Management, Regulation, and Enforcement	2008
NTL 2009-G40 "Deepwater Benthic Communities"	Bureau of Ocean Energy Management, Regulation, and Enforcement	2009
NTL 2009-G26 "U.S. Air Force Communication Towers"	Bureau of Ocean Energy Management, Regulation, and Enforcement	2009
NTL 2009-G27 " Submitting Exploration Plans and Development Operations Coordination Documents	Bureau of Ocean Energy Management, Regulation, and Enforcement	2009
NTL 2009-G29 "Implementation Plan for Transition from North American Datum 27 to North American Datum 83	Bureau of Ocean Energy Management, Regulation, and Enforcement	2009
NTL 2009-G31 "Hydrogen Sulfide"	Bureau of Ocean Energy Management, Regulation, and Enforcement	2009
NTL 2009-G34 "Ancillary Activities"	Bureau of Ocean Energy Management, Regulation, and Enforcement	2009
NTL 2009-G38 "Drilling Windows, Eastern Gulf of Mexico"	Bureau of Ocean Energy Management, Regulation, and Enforcement	2009
NTL 2009-G39 "Biologically-Sensitive Underwater Features and Areas"	Bureau of Ocean Energy Management, Regulation, and Enforcement	2009
NTL 2009-G40 "Deepwater Benthic Communities"	Bureau of Ocean Energy Management, Regulation, and Enforcement	2009
NTL 2009-N11 "Air Quality Jurisdiction on the OCS"	Bureau of Ocean Energy Management, Regulation, and Enforcement	2009
NPDES General Permit GMG290000	EPA – Region VI	2007
Regional Oil Spill Response Plan	ATP Oil & Gas Corporation	2011

Administrative Information

(30 CFR Part 250.228 and 250.262)

A. Exempted Information Description (Public Information Copies Only)

Excluded from the Public Information copies are the following:

a. Proposed bottomhole location information
b. Proposed total well depths (measured and true vertical depth)
c. Production Rates and Life of Reserves
d. New and Unusual Technology
e. Geological and Geophysical Attachments

B. Bibliography

The following documents were utilized in preparing the Plan:

Document	*Author*	*Dated*
Shallow Hazards Survey	Kinsella, Cook & Associates	1993
Environmental Impact Statement Report No. 2007-003	Bureau of Ocean Energy Management, Regulation, and Enforcement	2007
Regional Oil Spill Response Plan	ATP Oil & Gas Corporation	2011