UNITED STATES GOVERNMENT
MEMORANDUM

April 19 2005

To: Public Information (MS 5034)

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

Subject: Public Information copy of plan

- Control # - N-08374
- Type - Initial Development Operations Coordinations Document
- Lease(s) - OCS-G25517 Block - 578 Brazos Area
- Operator - ATP Oil & Gas Corporation
- Description - Well and Caisson No. 1
- Rig Type - Not Found

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
CAIS/NO. 1		3464 FNL, 7646 FWL	G25517/BA/578
WELL/NO. 1	G25517/BA/578	3464 FNL, 7646 FWL	G25517/BA/578

NOTED-SCHEXNAILDRE

N-8374

U.S. Department of the Interior
Minerals Management Service

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

OCS PLAN INFORMATION FORM

GENERAL INFORMATION

Type of OCS Plan:		Exploration Plan (EP)	X Development Operations Coordination Document (DOCD)
Company Name: ATP OIL & GAS CORPORATION			MMS Operator Number: 01[illegible]
Address: 4600 Post Oak Place Suite 200 Houston, TX 77027			Contact Person: Sharon DeSimoni Phone Number: 281-578-3388 Email Address: Sharon.desimoni@icoxim.com

MINERALS MANAGEMENT SERVICE RECEIVED MAR 30 2005 Plans Section, GOM OCS Region, New Orleans, LA

Lease(s): G 25517	Area: BA	Block(s): 578	Project Name (If Applicable): NA
Objective(s): ☐ Oil	☒ Gas	☐ Sulphur	☐ Salt
Onshore Base: Port O'Conner, TX			Distance to Closest Land (Miles): 36

Description of Proposed Activities (Mark all that apply)

☐ Exploration drilling	☐ 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
☐ Installation of subsea wellheads and/or manifolds	☒ Commence production
☒ Installation of lease term pipelines	☐ Other (Specify and describe)

Have you submitted or do you plan to submit a Conservation Information Document to accompany this plan?		Yes	X	No
Do you propose to use new or unusual technology to conduct your activities?		Yes	X	No
Do you propose any facility that will serve as a host facility for deepwater subsea development?		Yes	X	No
Do you propose any activities that may disturb an MMS-designated high-probability archaeological area?		Yes	X	No
Have all of the surface locations of your proposed activities been previously reviewed and approved by MMS?	X	Yes		No

Tentative Schedule of Proposed Activities

Proposed Activity	Start Date	End Date	No. of Days
Install single well caisson	06/01/05	06/03/05	3
Install lease term pipeline	06/01/05	06/08/05	8
Hook up and commence production from Well No. 001	06/05/05	05/31/08	3 yrs

Description of Drilling Rig		Description of Production Platform	
☐ Jackup	☐ Drillship	☒ Caisson	☐ Tension leg platform
☐ Gorilla Jackup	☐ Platform rig	☐ Well protector	☐ Compliant tower
☐ Semisubmersible	☐ Submersible	☐ Fixed platform	☐ Guyed tower
☐ DP Semisubmersible	☐ Other (Attach Description)	☐ Subsea manifold	☐ Floating production system
☐ Drilling Rig Name (If Known):		☐ Spar	☐ Other (Attach description)

Description of Lease Term Pipelines

From (Facility/Area/Block)	To (Facility/Area/Block)	Diameter (inches)	Length (Feet)
BA 578 Caisson No 001	BA 544 Platform A	4.5-inch	13,425-feet

N-8374

APPENDIX A
CONTENTS OF PLAN

ATP Oil & Gas Corporation (ATP) is the designated operator of the subject oil and gas leases.

(A) DESCRIPTION, OBJECTIVES AND SCHEDULE

This DOCD provides for installation of a single well caisson with a small deck (to be named Caisson No. 001) over the surface location of Well No. 001, one lease term pipeline, and commencement of production from the target sands as detailed in Appendix C of this DOCD. Well No.001 will be completed under the previously approved EP (Plan Control No. N-08307).

Appendix J contains a Plan Information Form, which provides a description of proposed activities, and a tentative schedule. No additional drilling is proposed in this Plan.

(B) LOCATION

Included as ***Attachment A-1*** is a map showing the proposed location of the well and facility and any associated anchors, and the area expected to be disturbed by any anchors during construction of the facility. Water depths are also indicated on the map. Additional well information is included in Appendix J, on the Plan Information Form.

(C) DRILLING UNIT

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

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

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 deck areas to collect all contaminants and debris.

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

(D) PRODUCTION FACILITIES

The subject well will be protected by a single well protector structure to be designated as Caisson No. 001. A schematic of the proposed structure is included as ***Attachment A-2***.

ATP anticipates installing minimal processing equipment on this structure. All hydrocarbon handling equipment installed for testing and production operations will be designed, installed and operated to prevent pollution.

The caisson will be installed with the drilling rig and will be installed utilizing a jack-up boat.

A 4.5-inch lease term pipeline will be installed to transport produced hydrocarbons from the proposed structure to ATP's Brazos Area Block 544 "A" platform for processing. No new nearshore or onshore pipelines or facilities will be constructed.

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

ATP proposes to install a single well caisson, one lease term pipeline (13,425-feet) to their A platform, Brazos Area Block 544 for processing. The maximum flow rate of the proposed pipeline is 10 mmcfd/10bcpd and the SI time is +/- 45 seconds.

(I) TRANSPORTATION INFORMATION

Production from Lease OCS-G 25517, Brazos Area Block 578 will be transported to ATP's A platform, Brazos Area Block 544 via one ~~Right-of-Way~~ pipeline (13,425-feet) for processing prior to being transport to market via an existing 8-inch gas/condensate R-O-W pipeline to a 24-inch subsea tie-in located in Brazos Area Block 545 for ultimate delivery to Marathon Oil Company's onshore ACT unit in Markham, Texas .

DOCD AIR QUALITY SCREENING CHECKLIST

OMB Control No. 1010-0049
OMB Approval Expires: August 31, 2006

COMPANY	ATP OIL & GAS CORPORATION
AREA	BA
BLOCK	578
LEASE	G 25517
PLATFORM	Caisson No. 001
WELL	N/A
COMPANY CONTACT	SHARON DESIMONI
TELEPHONE NO.	281-578-3388
REMARKS	Install single well caisson over approved Well No. 001, one lease term pipeline and commence production.

LEASE TERM PIPELINE CONSTRUCTION INFORMATION:		
YEAR	NUMBER OF PIPELINES	TOTAL NUMBER OF CONSTRUCTION DAYS
2005	1	8
2006		
2007		
2008		
2009		
2010		
2011		
2012		
2013		
2014		
2015		

MINERALS MANAGEMENT SERVICE
RECEIVED
MAR 30 2005
FIELD OPERATIONS
Gulf of Mexico OCS Region, New Orleans, LA

PUBLIC COPY
March 24, 2005

JOINT/INITIAL/SUPPLEMENTAL DEVELOPMENT OPERATIONS COORDINATION DOCUMENT

Lease Number (s):	OCS-G 25517
Area/Block:	Brazos Area Block 578
Prospect Name:	N/A
Offshore:	Texas

Submitted by:

ATP Oil & Gas Corporation
4600 Post Oak Place
Suite 200
Houston, Texas 77027

Gregory D. Roland
(713) 622-3311
groland@atpog.com

Estimated start up date: June 1, 2005

Authorized Representative:

Consultant
J. Connor Consulting, Inc.
16225 Park Ten Place, Suite 700
Houston, Texas 77084
(281) 578-3388
consultant@jccteam.com

No. Copies Being Submitted:

Proprietary:	5
Public Info:	4

For MMS:

Plan No.	
Assigned to:	

ATP OIL & GAS CORPORATION

INITIAL

DEVELOPMENT OPERATIONS COORDINATON DOCUMENT

LEASE OCS-G 25517

BRAZOS AREA BLOCK 578

APPENDIX A
CONTENTS OF PLAN

ATP Oil & Gas Corporation (ATP) is the designated operator of the subject oil and gas leases.

(A) DESCRIPTION, OBJECTIVES AND SCHEDULE

This DOCD provides for installation of the "A" platform over the existing surface location of Well No. 001 (to be re-named as Caisson No. 001), installation of a ROW pipeline, and commencement of production from the target sands as detailed in Appendix C of this DOCD. Well No.001 will be completed under the previously approved EP (Plan Control No. N-08307).

Appendix J contains an Plan Information Form, which provides a description of proposed activities, and a tentative schedule. No additional drilling is proposed in this Plan.

(B) LOCATION

Included as ***Attachment A-1*** is a map showing the proposed location of the well and facility and any associated anchors, and the area expected to be disturbed by any anchors during construction of the facility. Water depths are also indicated on the map. Additional well information is included in Appendix J, on the Plan Information Form.

(C) DRILLING UNIT

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

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

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 deck areas to collect all contaminants and debris.

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

(D) PRODUCTION FACILITIES

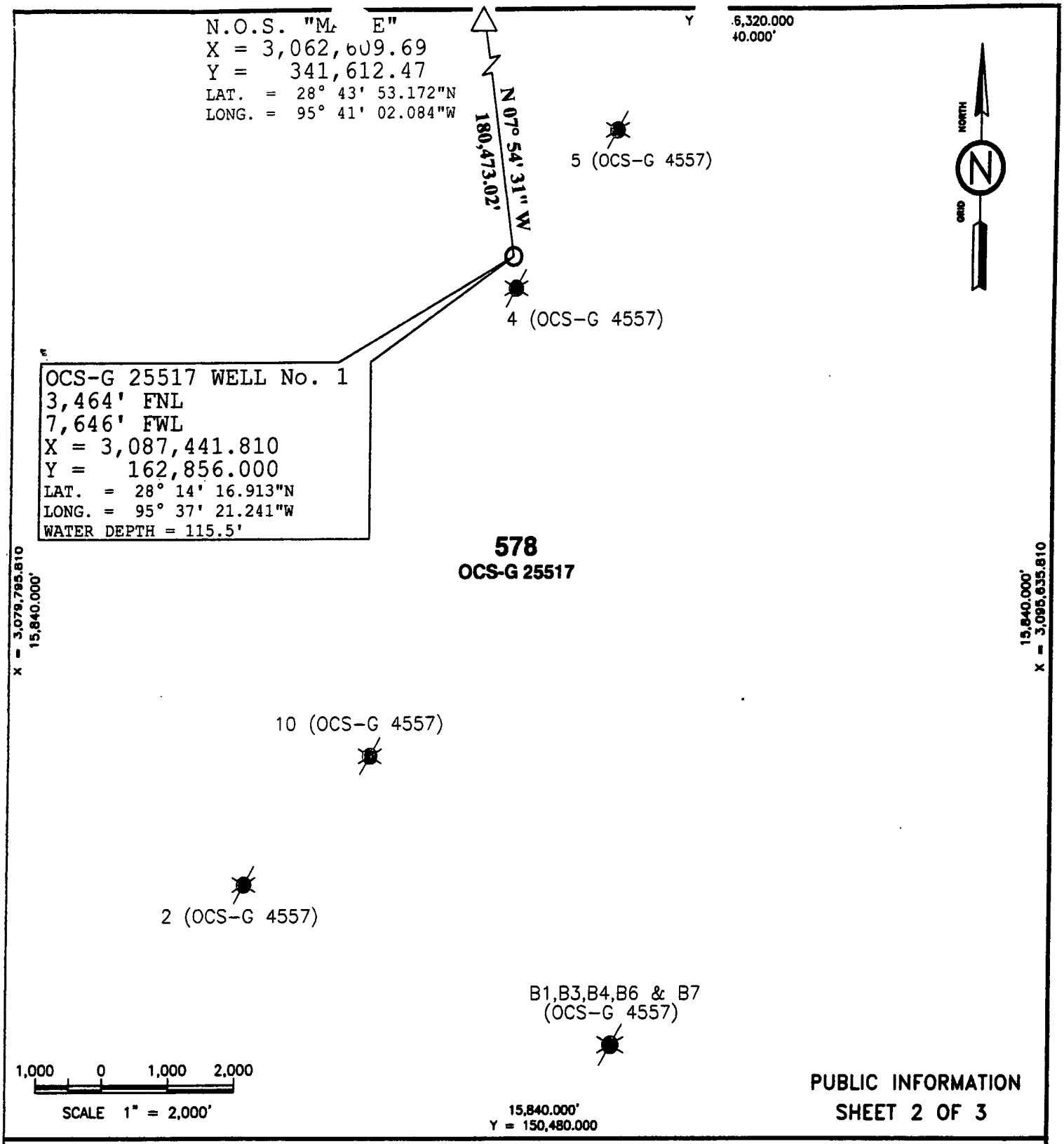
The subject well will be protected by a single well protector structure to be designated as Caisson No. 001. A schematic of the proposed structure is included as ***Attachment A-2***.

ATP anticipates installing minimal processing equipment on this structure. All hydrocarbon handling equipment installed for testing and production operations will be designed, installed and operated to prevent pollution.

The caisson will be installed with the drilling rig and the deck will be installed utilizing a jack-up boat.

A ROW pipeline will be installed to transport produced hydrocarbons from the proposed structure to ATP's Brazos Area Block 544 "A" platform for processing. No new nearshore or onshore pipelines or facilities will be constructed.

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



PUBLIC INFORMATION
SHEET 2 OF 3

DATUM: NAD 27
SPHEROID: CLARKE 1866
PROJECTION: LAMBERT
ZONE: TEXAS SOUTH CENTRAL

Tesla OFFSHORE
36499 Perkins Road
Prairieville, Louisiana 70769
Tel: 225-673-2163
Fax: 225-744-3116

ATP ATP Oil & Gas Corporation

PROPOSED WELL LOCATION

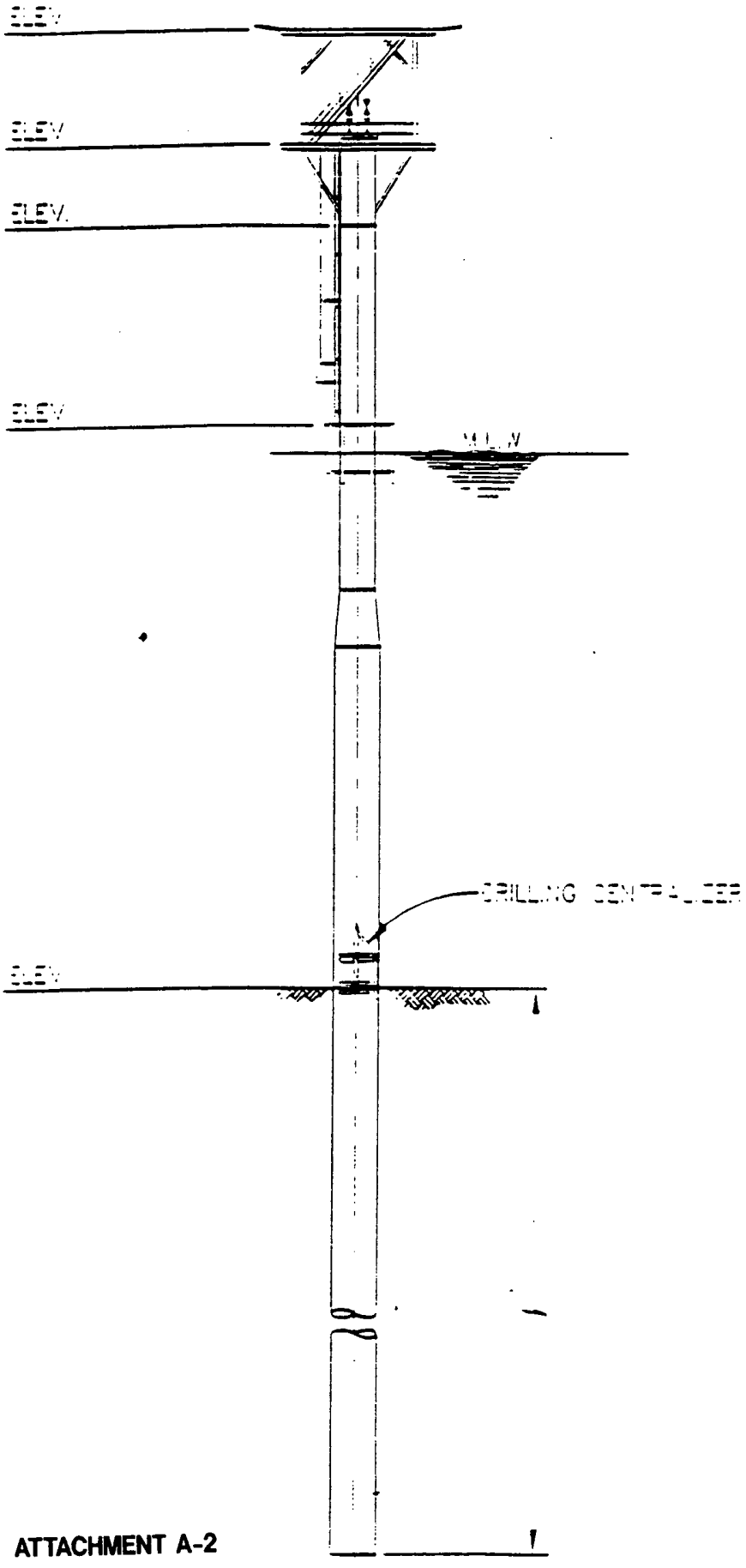
OCS-G 25517 WELL No. 1
BLOCK 578
BRAZOS AREA

GULF OF MEXICO

DRAWN BY:	DATE:	CHECKED BY:	DRAWING No.:
D. ADAMS	11/08/2004	K. CODD	04-325PER
REV. DATE:	REV. No.:	SCALE:	JOB No.:
		1" = 2,000'	04-325

ATTACHMENT A-1

TYPICAL WELL PROTECTOR CAISSON



ATTACHMENT A-2

APPENDIX B
GENERAL INFORMATION

(A) CONTACT

Inquiries may be made to the following authorized representative:

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

(B) PROJECT NAME

N/A

(C) PRODUCTION RATES AND LIFE OF RESERVOIR

Type of Production	Average Estimated Rates	Estimated Peak
1) Crude Oil		
2) Gas		
3) Condensate		
Estimated Life of the Reservoir = years		

(D) NEW OR UNUSUAL TECHNOLOGY

ATP does not propose to use any new or unusual technology to carry out the proposed development/production activities. New or unusual technology is defined as equipment and/or procedures that:

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

(E) BONDING INFORMATION

The bond requirements for the activities and facilities proposed in this DOCD are satisfied by a/an lease/area wide bond, furnished and maintained according to 30 CFR 256, subpart I; NTL No. N2000-G16, "Guidelines for General Lease Surety Bonds", dated September 7, 2000.

(F) ONSHORE BASE AND SUPPORT VESSELS

A Vicinity Map is included as ***Attachment B-1*** showing Area Block located approximately 36 miles from the nearest shoreline and approximately 44 miles from the onshore support base in Port O'Conner, Texas.

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

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

Type	Weekly Estimate (No.) of Roundtrips	
	Drilling & Completion	Production Operations
Crew Boat	NA	0
Supply Boat	NA	3
Helicopter	NA	1

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

(G) LEASE STIPULATIONS

Exploration activities are subject to the following stipulations attached to Lease OCS-G 25517 Brazos Area Block 578.

1. Military Warning Area (MWA)

Lease Stipulation No. 2 - OCS-G 25517 is located in a MWA, however, vessels and helicopters associated with exploration activities may traverse MWA W-147. The 147 OG/DOV will be contacted in order to coordinate and control the electromagnetic emissions during the proposed operations.

2. Marine Protected Species

Lease Stipulation No. 5 is meant to reduce the potential taking of marine protected species. ATP will operate in accordance with NTL 2003-G10, to minimize the risk of vessel strikes to protected species and report observations of injured or dead protected species, and NTL 2003-G11 to prevent intentional and/or accidental introduction of debris into the marine environment.

ARCHAEOLOGY SURVEY BLOCKS

Brazos Area Block 578 has been determined as potentially containing prehistoric archaeological properties, therefore, an Archaeological Survey Report has been prepared in accordance with NTL 2002-G01. This survey was submitted with the Exploration Plan – Control No. N-08307.

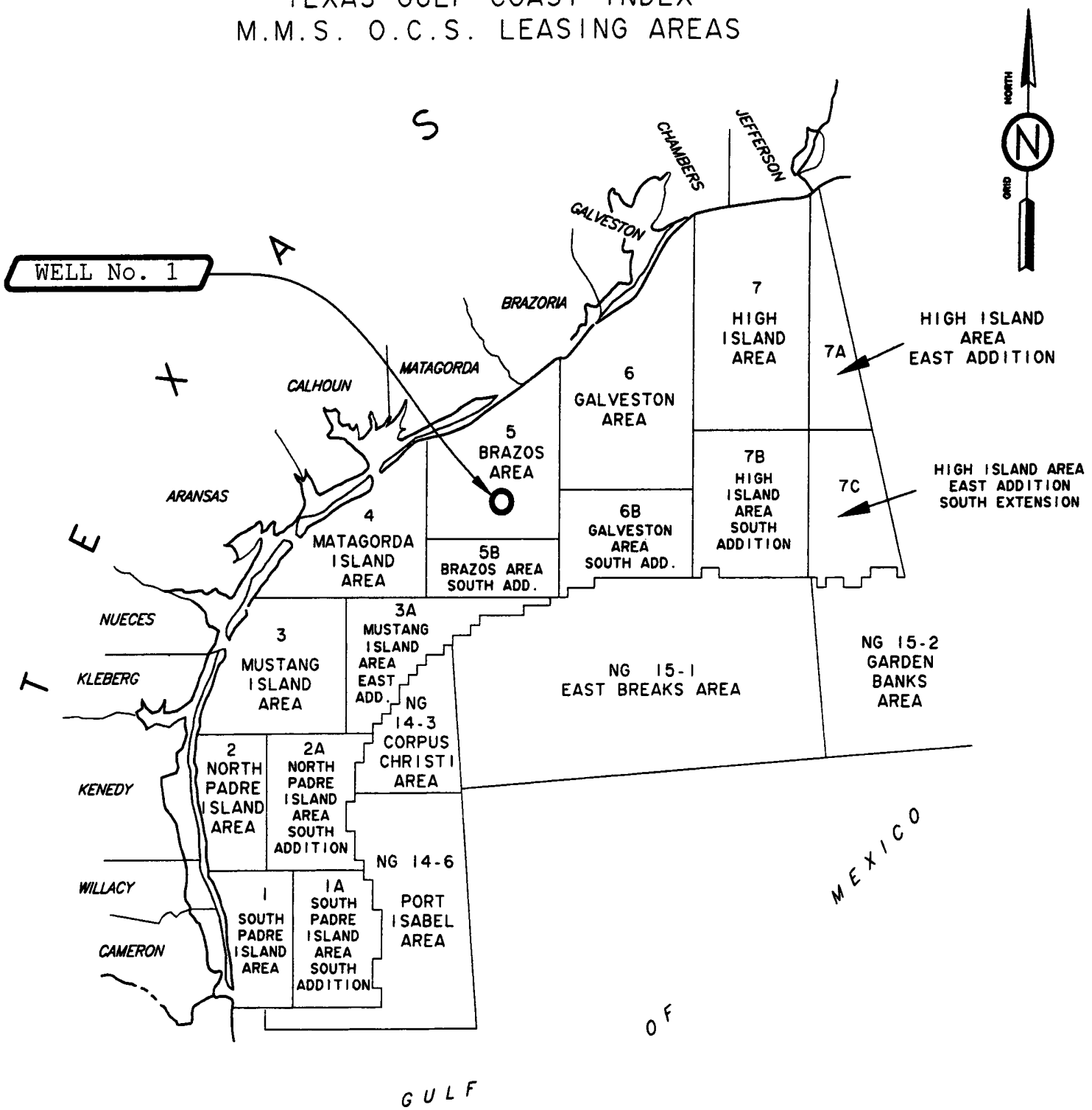
(H) RELATED OCS FACILITIES AND OPERATIONS

ATP proposes to install a single well caisson, one Right-of-Way pipeline (13,425-feet) to their A platform, Brazos Area Block 544 for processing. The maximum flow rate of the proposed pipeline is 10 mmcfd/10bcpd and the SI time is +/- 45 seconds.

(I) TRANSPORTATION INFORMATION

Production from Lease OCS-G 25517, Brazos Area Block 578 will be transported to ATP's A platform, Brazos Area Block 544 via one Right-of-Way pipeline (13,425-feet) for processing prior to being transport to market via an existing 8-inch gas/condensate R-O-W pipeline to a 24-inch subsea tie-in located in Brazos Area Block 545 for ultimate delivery to Marathon Oil Company's onshore ACT unit in Markham, Texas .

TEXAS GULF COAST INDEX
M.M.S. O.C.S. LEASING AREAS



SHEET 1 OF 3

DATUM: NAD 27	ATP ATP Oil & Gas Corporation
SPHEROID: CLARKE 1866	PROPOSED WELL LOCATION
PROJECTION: LAMBERT	OCS-G 25517 WELL No. 1 BLOCK 578 BRAZOS AREA GULF OF MEXICO
ZONE: TEXAS SOUTH CENTRAL	

DRAWN BY:	DATE:	CHECKED BY:	DRAWING No.:
D. ADAMS	11/08/2004	K. CODD	04-325PER
REV. DATE:	REV. No.:	SCALE: NOT TO SCALE	JOB No.: 04-325

TECH OFFSHORE
36499 Perkins Road
Prairieville, Louisiana 70769
Tel: 225-673-2163
Fax: 225-744-3116

ATTACHMENT B-1

APPENDIX C
GEOLOGICAL, GEOPHYSICAL, AND H_2S INFORMATION

(A) STRUCTURE CONTOUR MAPS

A current structure contour map drawn on the top of each productive hydrocarbon sand, showing the entire lease block the location of each proposed well, and the locations of geological cross-section is included as ***Attachment C-1.***

(B) TRAPPING FEATURES – No drilling proposed in this Plan.

(C) DEPTH OF GEOPRESSURE No drilling proposed in this Plan.

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

MMS approved the surface locations of the proposed wells in a previously submitted EP therefore, this information is not being submitted.

(E) GEOLOGICAL STRUCTURE CROSS-SECTIONS

A interpreted geological structure cross-section showing the location and depth of the approved well and at least one key horizon or objective sand, is included as ***Attachment C-2.***

(F) SHALLOW HAZARDS REPORT

A shallow hazards survey was conducted over Brazos Area Block 578.

A Shallow Hazards Report was previously submitted to MMS.

(G) SHALLOW HAZARDS ASSESSMENT

The proposed operations will be conducted from an MMS approved surface location in EP (Plan Control No. N-8307); therefore, a shallow hazards assessment is not being provided.

(H) HIGH-RESOLUTION SEISMIC LINES

The proposed operations will be conducted from a previously approved surface location in Exploration Plan Control No. N-08307; therefore high-resolution seismic lines are not being submitted.

(I) STRATIGRAPHIC COLUMN

A generalized biostratigraphic/lithostratigraphic column depicting each well from the seafloor to the total depth is not required for the operations proposed in this DOCD since no new drilling is proposed.

(J) HYDROGEN SULFIDE INFORMATION

In accordance with Title 30 CFR 250.417(c), ATP requests that Brazos Area Block 578 be classified by the MMS as H_2S absent.

APPENDIX D
BIOLOGICAL AND PHYSICAL INFORMATION

CHEMOSYNTHETIC INFORMATION

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

TOPOGRAPHIC FEATURES INFORMATION

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

LIVE BOTTOM (PINNACLE TREND) INFORMATION

Brazos Area Block 578 is not located within 100 feet of any pinnacle trend feature with vertical relief equal to or greater than 8 feet; therefore, live bottom information is not required.

ARCHAEOLOGICAL INFORMATION

Brazos Area Block 578 has been determined as potentially containing prehistoric archaeological properties, therefore, an Archaeological Survey Report has been prepared in accordance with NTL 2002-G01. This survey was submitted with the Exploration Plan – Control No. N-08307.

APPENDIX E
WASTES AND DISCHARGES INFORMATION

DISCHARGES

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

For discharges, the type and general characteristics of the waste, the amount to be discharged (volume or rate), the maximum discharge rate, a description of any treatment or storage and the discharge location and method for each type of discharge are provided in tabular format in ***Attachment E-1.*** For purposes of this Appendix, the term discharges describe those wastes generated by the proposed activities that will be disposed of by releasing them into the waters of the Gulf of Mexico at the site where they are generated, usually after receiving some form of treatment before they are released, and in compliance with applicable NPDES permits.

WASTES

For disposed wastes, the type and general characteristics of the wastes, the amount to be disposed of (volume, rate, or weight), the daily rate, the name and location of the disposal facility, a description of any treatment or storage, and the methods for transporting and final disposal are provided in tabular format in ***Attachment E-2.*** For purposes of this Appendix, disposed wastes describes those wastes generated by the proposed activities that are disposed of by means other than by releasing them in to the waters of the Gulf of Mexico at the site where they are generated. These wastes can be disposed of by offsite release, injection, encapsulation, or placement at either onshore or offshore permitted locations for the purpose of returning them back to the environment.

Waste and Discharges Information

Discharges Table Example (Wastes to be discharged overboard)

Type of Waste Approximate Composition	Amount to be Discharged (volume or rate)	Maximum Discharge Rate	Treatment and/or Storage, Discharge Location
Deck Drainage	0-1500 bbl/day Dependant upon rainfall	5 bbl per hour (maximum sump discharge)	Brazos Area Block 578. Remove oil and grease and discharge
Well treatment workover or completion fluids	Workover-300 bbl/well Treatment -250 bbl/well Completion -300 bbl/well	200 bbl/well/every 4 years	Brazos Area Block 578. Discharge used fluids overboard, return excess to shore for credit.
Uncontaminated bilge water	2.000 bbl	260 m^3/hr	Brazos Area Block 578. Discharge overboard
Uncontaminated ballast water	20.000 bbl	2.600 m^3/hr	Brazos Area Block 578. Discharge overboard
Misc. discharges to which treatment chemicals have been added.	100 bbl/day	10 bbl/hr	Brazos Area Block 578. Discharge overboard
Miscellaneous discharges (permitted under NPDES) (excess cement with cementing chemicals)	100 bbl	Not applicable	Brazos Area Block 578. Discharge at seafloor without treatment

* Area, block, MMS facility ID (if available)

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

Type of Waste Approximate Composition	Amount*	Rate per Day	Name/Location of Disposal Facility	Treatment and/or Storage, Transport and Disposal Method
Oil-contaminated produced sand	200 lb/yr	0.6 bbl/day	Newpark, Inglside, TX	Store in a cuttings box and transport to a land farm
Norm-contaminated wastes	1 ton	Not applicable	Newpark, Inglside, TX	Transport to a transfer station via dedicated barge
Trash and debris	500 ft^3	1.5 ft^3 /day	Newpark, Inglside, TX	Transport in storage bins on crew boat to shorebase; truck to landfill

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

APPENDIX F
OIL SPILL INFORMATION

1. SITE-SPECIFIC OSRP

N/A

2. REGIONAL OSRP INFORMATION

ATP's Regional Oil Spill Response Plan (OSRP) was approved on June 9, 2004 and most recently updated on January 26, 2005. Activities proposed in this DOCD will be covered by the Regional OSRP.

3. OSRO INFORMATION

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

4. WORST-CASE SCENARIO COMPARISON

Category	Regional OSRP WCD	DOCD WCD
Type of Activity	Production >10 miles from shore	Production >10 miles from shore
Facility Location (Area Block)	GB 409	BA 578
Facility Designation	SS Wells 001 & 003	Caisson No.001
Distance to Nearest Shoreline (miles)	135	36
Volume Storage tanks (total) & Flowlines (on facility) Lease pipelines Uncontrolled blowout Total Volume	 NA NA 12,000 bbls 12,000 bbls	 75 NA 1,000 bbls 1,075 bbls
Type of Oil(s) (crude, condensate, diesel)	Crude	Condensate
API Gravity	37.6°	42°

ATP has determined that the worst-case scenario from the activities proposed in this DOCD does not supercede the worst-case scenario from our approved regional OSRP for far-shore activities.

Since ATP has the capability to respond to the worst-case spill scenario included in its regional OSRP last approved on January 26, 2005, 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.

5. FACILITY TANKS, PRODUCTION VESSELS

All facility tanks of 25 barrels or more.

Type of Storage Tank	Type of Facility	Tank Capacity (bbls)	Number of Tanks	Total Capacity (bbls)	Fluid Gravity (API)
Fuel Oil (Marine Diesel)	NA				
Production	Platform	25 gal	1	25 gal	32.4°

6. SPILL RESPONSE SITES

Primary Response Equipment Location	Preplanned Staging Location
Galveston, Texas	Galveston, Texas

7. PRODUCED LIQUID HYDROCARBONS TRANSPORTATION VESSELS

ATP does not propose transfer of stored production and/or hydrocarbons from well testing activities under this DOCD.

8. OIL- AND SYNTHETIC-BASED DRILLING FLUIDS

ATP does not propose the use of oil or synthetic based drilling fluids for this DOCD.

9. BLOWOUT SCENARIO

Should a blowout occur, the formation types present in the GOM tend to bridge over in most cases. If the wellhead and BOP system is still in tact, wellbore intervention should be possible in as little as 7 to 10 days. In a relief well scenario, rig availability is typically not an issue. The time required to drill a relief well would be in the 10 day range depending on the well intersection depth.

10. SPILL RESPONSE DISCUSSION FOR NEPA ANALYSIS

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 drilling operations, estimated to be 1,000 barrels of condensate with an API gravity of 42°.

Land Segment and Resource Identification

Trajectories of a spill and the probability of it impacting a land segment have been projected utilizing information in MMS Oil Spill Risk Analysis Model (OSRAM) for the Central and Western Gulf of Mexico available on MMS website. The results are shown in Figure F-1.

The MMS OSRAM identifies a 40% probability of impact to the shorelines of Matagorda County, Texas. Matagorda County stretches from Matagorda Bay, across the Colorado River and up to the border of San Bernard Wildlife Refuge (immediately west of the San Bernard River). The county includes Matagorda Peninsula on the Gulf coast and Matagorda Bay. This area is primarily open beach. However, marshland exists along the east side of Matagorda Bay. Several bird rookeries are present around the peninsula. Seagrass is present off of Matagorda Peninsula on the bay side. Additional discussion of protection strategies for potentially affected resources is included in ATP's Regional Oil Spill Response Plan.

Response

ATP will make every effort to respond to the Worst Case Discharge as effectively as possible. A description of the response equipment available to contain and recover the Worst Case Discharge is shown in Figure F-2.

Using the estimated chemical and physical characteristics of condensate, an ADIOS weathering model was run on a similar product from the ADIOS oil database (GC 184, API Gravity 39.4°). The results indicate 50% of the product would be evaporated/dispersed within 12 hours, leaving approximately 500 barrels on the water.

Figure F-2 outlines equipment, personnel, materials and support vessels as well as temporary storage equipment to be considered in order to cope with an initial spill of 1,000 barrels. The list estimates individual times needed for procurement, load out, travel time to the site and deployment. If appropriate, 1 sortie (2,000 gallons) from the DC-4 and 1 sortie (1,000 gallons) from the DC-3 should disperse approximately 1,286 barrels of oil.

Offshore response strategies may also include attempting to skim utilizing the R/V Timbalier Bay and two (2) FRU's with a total derated skimming capacity of 11,800 barrels. Temporary storage associated with the identified skimming equipment equals 465 barrels. If additional temporary storage is needed, a 23,000 barrel open ocean 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 coastal environments would depend upon existing environmental conditions. Onshore response may include the deployment of shoreline boom on beach areas, or protection and sorbent boom in vegetated areas. Strategies would be based upon surveillance and real time trajectories that depict areas of potential impact given actual sea and weather conditions. Strategies from the One Plan GOM Area Contingency Plan (ACP) and Unified Command would be consulted to ensure that environmental and special economic resources would be correctly identified and prioritized to ensure optimal protection. ACPs depict the protection response modes applicable for oil spill clean-up operations. Each response mode is schematically represented to show optimum deployment and operation of the equipment in areas of environmental concern. Supervisory personnel have the option to modify the deployment and operation of equipment allowing a more effective response to site-specific circumstances.

FIGURE F-1
TRAJECTORY BY LAND SEGMENT

Trajectory of a spill and the probability of it impacting a land segment have been projected utilizing ATP's WCD and information in MMS Oil Spill Risk Analysis Model (OSRAM) for the Central and Western Gulf of Mexico available on MMS website using ten (10) day impact. The results are tabulated below.

Area/Block	OCS-G	Launch Area	Land Segment and/or Resource	Conditional Probability (%) within 10 days
Install Well Protector Structure, ROW Pipeline and Commence Production	25517	W12	Kenedy County, TX	2
			Kleberg County, TX	3
			Nueces County, TX	3
			Aransas County, TX	6
BA 578, Platform A			Calhoun County, TX	13
			Matagorda County, TX	**40**
36 miles from shore			Brazoria County, TX	4
			Galveston County, TX	3

WCD Scenario – > 10 Miles From Shore – BASED ON LOSS OF THE UNCONTROLLED BLOWOUT (PER DAY) (36 miles from shore)
Well Uncontrolled Blowout, BA 578 Platform A
1,000 bbls of Condensate, API Gravity 42°

FIGURE F-2 Equipment Response Time to: BA 578

	EQUIPMENT TYPE	Derated Capacity (BBLS)	Storage (BBLS)	No. of Units	Owner/Location	Initial Staging	Hours To Staging Area	TOTAL Time to Procure (1)	Time to Load Out (2)	Travel Time (Staging/ Spill) (3)	Time to Deploy (4)	TOTAL Estimated Response Time
A	DC 4 Spray Aircraft	--	--	1	ASI/Houma	Houma	0					
	DC 3 Spray Aircraft	--	--	1	ASI/Houma	Houma	0					
	Spotter Plane			1	ASI/Houma	Houma	0					
	Spotter Personnel			2	ASI/Houma	Houma	1					
	Dispersant				CGA/Houma	Houma	0	1	1	3.5	0	5.5
B	R/V Timbalier Bay	5,000	65	1	CGA/Galveston	Galveston	.5					
	Operators			3	STARS*	Galveston	1	2	1	3.5	0	6.5
C	FRU/Expandi	3,400	200	1	CGA/Galveston	Galveston	0					
	Operators			6	STARS*	Galveston	1					
	Utility Boat			1	Vessel of Opportunity	Galveston	1					
	Crew Boat			1	Vessel of Opportunity	Galveston	1	2	1	6.5	1	10.5
D	FRU/Expandi	3,400	200	1	CGA/Ingleside	Ingleside	.5					
	Operators			6	STARS*	Ingleside	1					
	Utility Boat			1	Vessel of Opportunity	Ingleside	1					
	Crew Boat			1	Vessel of Opportunity	Ingleside	1	2	1	7.25	1	11.25
E	**INITIAL SUPPORT**											
	Spotter Helo	--	--	1	PHI/Galveston	Spill Site	1	1	--	0.5	--	1.5
	Surveillance Helo	--	--	1	PHI/Galveston	Spill Site	1	1	--	1.5	--	2.5
	Hand Held Radios	--	--	30	STARS*	Galveston	1.5	1.5	--	1	--	2.5
	Open Ocean Barge	--	23,000	1	Cenac/Houma	Houma	2	2	1	35	0	38
	Tugs	--	--	2	Cenac/Houma	Houma	2					
	TOTAL	11,800	23,465									

*STARS contractor called out by MSRC

11. POLLUTION PREVENTION MEASURES

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

APPENDIX G
AIR EMISSIONS INFORMATION

AIR EMISSIONS INFORMATION (If any of these answers are "yes" – the spreadsheets need to be submitted)

Screening Questions for DOCD's	Yes	No
Is any calculated Complex Total (CT) Emission amount (tons) associated with your proposed exploration activities more than 90% of the amounts calculated using the following formulas: CT = $3400D^{2/3}$ for CO, and CT = 33.3D for the other air pollutants (where D = distance to shore in miles)?		X
Do your emission calculations include any emission reduction measures or modified emission factors?		X
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

Summary Information

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

Air Pollutant	Plan Emission Amounts[1] (tons)	Calculated Exemption Amounts[2] (tons)	Calculated Complex Total Emission Amounts[3] (tons)
Carbon Monoxide (CO)	14.59	37069.26	14.59
Particular matter (PM)	1.95	1198.8	1.95
Sulphur dioxide (SO_2)	8.92	1198.8	8.92
Nitrogen oxides (NO_x)	66.89	1198.8	66.89
Volatile organic compounds (VOC)	2.31	1198.8	2.31

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

This information was calculated by: Sharon DeSimoni
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Sharon.desimoni@jccteam.com

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

APPENDIX H
ENVIRONMENTAL IMPACT ANALYSIS (EIA)

(A) Impact Producing Factors

ENVIRONMENTAL IMPACT ANALYSIS WORKSHEET

Environment Resources	Impact Producing Factors (IPFs) Categories and Examples Refer to recent GOM OCS Lease Sale EIS for a more complete list of IPFs					
	Emissions (air, noise, light, etc.)	**Effluents (muds, cutting, other discharges to the water column or seafloor)**	**Physical disturbances to the seafloor (rig or anchor emplacements, etc.)**	**Wastes sent to shore for treatment or disposal**	**Accidents (e.g., oil spills, chemical spills, H_2S releases)**	**Discarded Trash & Debris**
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)	
Shore birds 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:
   - o 4-mile zone of the Flower Garden Banks, or the 3-mile zone of Stetson Bank;
   - o 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;
   - o Essential Fish Habitat (EFH) criteria of 500 ft. from any no-activity zone; or
   - o Proximity of any submarine bank (500 ft. buffer zone) with relief greater than 2 meters that is not protected by the Topographic Features Stipulation attached to an OCS lease.
2) Activities with any bottom disturbance within an OCS lease block protected through the Live Bottom (Pinnacle Trend) Stipulation attached to an OCS lease.
3) Activities within any Eastern Gulf OCS block where seafloor habitats are protected by the Live Bottom (Low-Relief) Stipulation attached to an OCS lease.
4) Activities on blocks designated by the MMS as being in water depths 400 meters or greater.
5) Exploration or production activities where H2S concentrations greater than 500 ppm might be encountered.
6) All activities that could result in an accidental spill of produced liquid hydrocarbons or diesel fuel that you determine would impact these environmental resources. If the proposed action is located a sufficient distance from a resource that no impact would occur, the EIA can note that in a sentence or two.
7) All activities that involve seafloor disturbances, including anchor emplacements, in any OCS block designated by the MMS as having high-probability for the occurrence of shipwrecks or prehistoric sites, including such blocks that will be affected that are adjacent to the lease block in which your planned activity will occur. If the proposed activities are located a sufficient distance from a shipwreck or a prehistoric site that no impact would occur, the EIA can note that in a sentence or two.
8) All activities that you determine might have an adverse effect on endangered or threatened marine mammals or sea turtles or their critical habitats.
9) Production activities that involve transportation of produced fluids to shore using shuttle tankers or barges.

(B) Analysis

Site-Specific at Brazos Block 578

Proposed operations consist of the drilling, completion, and testing of one well.

1. Designated Topographic Features

Potential IPFs on topographic features include physical disturbances to the seafloor, effluents, and accidents.

Physical disturbances to the seafloor: Brazos Block 578 is 38 miles from the closest designated Topographic Features Stipulation Block (Big and Small Dunn Bars); therefore, no adverse impacts are expected.

Effluents: Brazos Block 578 is 38 miles from the closest designated Topographic Features Stipulation Block (Big and Small Dunn Bars); therefore, no adverse impacts are expected.

Accidents: It is unlikely that an accidental surface or subsurface spill would occur from the proposed activities (refer to statistics in **Item 5**, Water Quality). Oil spills cause damage to benthic organisms only if the oil contacts the organisms. Oil from a surface spill can be driven into the water column; measurable amounts have been documented down to a 10 m depth. At this depth, the oil is found only at concentrations several orders of magnitude lower than the amount shown to have an effect on corals. Because the crests of topographic features in the Northern Gulf of Mexico are found below 10 m, no oil from a surface spill could reach their sessile biota. Oil from a subsurface spill is not applicable due to the distance of these blocks from a topographic area. The activities proposed in this plan will be covered by ATP's Regional OSRP (refer to information submitted in **Appendix F**).

There are no other IPFs (including emissions and wastes sent to shore for disposal) from the proposed activities, which could impact topographic features.

2. Pinnacle Trend Area Live Bottoms

Potential IPFs on pinnacle trend area live bottoms include physical disturbances to the seafloor, effluents, and accidents.

Physical disturbances to the seafloor: Brazos Block 578 is 438 miles from the closest live bottom (pinnacle trend) area; therefore, no adverse impacts are expected.

Effluents: Brazos Block 578 is 438 miles from the closest live bottom (pinnacle trend) area; therefore, no adverse impacts are expected.

Accidents: It is unlikely that an accidental surface or subsurface spill would occur from the proposed activities (refer to statistics in **Item 5**, Water Quality). Oil spills have the potential to foul benthic communities and cause lethal and sublethal effects on live bottom organisms. Oil from a surface spill can be driven into the water column; measurable amounts have been documented down to a 10 m depth. At this depth, the oil is found only at concentrations several orders of magnitude lower than the amount shown to have an effect on marine organisms. Oil from a subsurface spill is not applicable due to the distance of these blocks from a live bottom (pinnacle trend) area. The activities proposed in this plan will be covered by ATP's Regional OSRP (refer to information submitted in **Appendix F**).

There are no other IPFs (including emissions and wastes sent to shore for disposal) from the proposed activities which could impact a live bottom (pinnacle trend) area.

3. Eastern Gulf Live Bottoms

Potential IPFs on Eastern Gulf live bottoms include physical disturbances to the seafloor, effluents, and accidents.

Physical disturbances to the seafloor: Brazos Block 578 is not located in an area characterized by the existence of live bottoms, and this lease does not contain a Live-Bottom Stipulation requiring a photo documentation survey and survey report.

Effluents: Brazos Block 578 is not located in an area characterized by the existence of live bottoms; therefore, no adverse impacts are expected.

Accidents: It is unlikely that an accidental surface or subsurface spill would occur from the proposed activities (refer to statistics in **Item 5**, Water Quality). Oil spills cause damage to live bottom organisms only if the oil contacts the organisms. Oil from a surface spill can be driven into the water column; measurable amounts have been documented down to a 10 m depth. At this depth, the oil is found only at concentrations several orders of magnitude lower than the amount shown to have an effect on marine invertebrates. Oil from a subsurface spill is not applicable due to the distance of these blocks from a live bottom area. The activities proposed in this plan will be covered by ATP's Regional OSRP (refer to information submitted in **Appendix F**).

There are no other IPFs (including emissions and wastes sent to shore for disposal) from the proposed activities which could impact an Eastern Gulf live bottom area.

4. Chemosynthetic Communities

There are no IPFs (including emissions, physical disturbances to the seafloor, wastes sent to shore for disposal, or accidents) from the proposed activities that could cause impacts to chemosynthetic communities.

Operations proposed in this plan are in water depths of 115 feet. High-density chemosynthetic communities are found only in water depths greater than 1,312 feet (400 meters); therefore, ATP's proposed operations in Brazos Block 578 would not cause impacts to chemosynthetic communities.

5. Water Quality

IPFs that could result in water quality degradation from the proposed operations in Brazos Block 578 include disturbances to the seafloor, effluents and accidents.

Physical disturbances to the seafloor: Bottom area disturbances resulting from the emplacement of drill rigs, the drilling of wells and the installation of platforms and pipelines would increase water-column turbidity and re-suspension of any accumulated pollutants, such as trace metals and excess nutrients. This would cause short-lived impacts on water quality conditions in the immediate vicinity of the emplacement operations.

Effluents: Levels of contaminants in drilling muds and cuttings and produced water discharges, discharge-rate restrictions and monitoring and toxicity testing are regulated by the EPA NPDES permit, thereby eliminating many significant biological or ecological effects. Operational discharges are not expected to cause significant adverse impacts to water quality.

Accidents: Oil spills have the potential to alter offshore water quality; however, it is unlikely that an accidental surface or subsurface spill would occur from the proposed activities. Between 1980 and 2000, OCS operations produced 4.7 billion barrels of oil and spilled only 0.001 percent of this oil, or 1 bbl for every 81,000 bbl produced. The spill risk related to a diesel spill from drilling operations is even less. Between 1976 and 1985, (years for which data were collected), there were 80 reported diesel spills greater than one barrel associated with drilling activities. Considering that there were 11,944 wells drilled, this is a 0.7 percent probability of an occurrence. If a spill were to occur, the water quality of marine waters would be temporarily affected by the dissolved components and small oil droplets. Dispersion by currents and microbial degradation would remove the oil from the water column and dilute the constituents to background levels. Historically, changes in offshore water quality from oil spills have only been detected during the life of the spill and up to several months afterwards. Most of the components of oil are insoluble in water and therefore float. The activities proposed in this plan will be covered by ATP's Regional Oil Spill Response Plan (refer to information submitted in **Appendix F**).

There are no other IPFs (including emissions, physical disturbances to the seafloor, and wastes sent to shore for disposal) from the proposed activities which could cause impacts to water quality.

6. Fisheries

IPFs that could cause impacts to fisheries as a result of the proposed operations in Brazos Block 578 include physical disturbances to the seafloor, effluents and accidents.

Physical disturbances to the seafloor: The emplacement of a structure or drilling rig results in minimal loss of bottom trawling area to commercial fishermen. Pipelines cause gear conflicts which result in losses of trawls and shrimp catch, business downtime and vessel damage. Most financial losses from gear conflicts are covered by the Fishermen's Contingency Fund (FCF). The emplacement and removal of facilities are not expected to cause significant adverse impacts to fisheries.

Effluents: Effluents such as drilling fluids and cuttings discharges contain components and properties which are detrimental to fishery resources. Moderate petroleum and metal contamination of sediments and the water column can occur out to several hundred meters down-current from the discharge point. Offshore discharges are expected to disperse and dilute to very near background levels in the water column or on the seafloor within 3,000 m of the discharge point, and are expected to have negligible effect on fisheries.

Accidents: An accidental oil spill has the potential to cause some detrimental effects on fisheries; however, it is unlikely that such an event would occur from the proposed activities (refer to **Item 5**, Water Quality). The effects of oil on mobile adult finfish or shellfish would likely be sublethal and the extent of damage would be reduced to the capacity of adult fish and shellfish to avoid the spill, to metabolize hydrocarbons, and to excrete both metabolites and parent compounds. The activities proposed in this plan will be covered by ATP's Regional OSRP (refer to information submitted in **Appendix F**).

There are no IPFs from emissions, or wastes sent to shore for disposal from the proposed activities which could cause impacts to fisheries.

7. Marine Mammals

GulfCet II studies revealed that cetaceans of the continental shelf and shelf-edge were almost exclusively bottlenose dolphin and Atlantic spotted dolphin. Squid eaters, including dwarf and pygmy killer whale, Risso's dolphin, rough-toothed dolphin, and Cuvier's beaked whale, occurred most frequently along the upper slope in areas outside of anticyclones. IPFs that could cause impacts to marine mammals as a result of the proposed operations in Brazos Block 578 include emissions, effluents, discarded trash and debris, and accidents.

Emissions: Noises from drilling activities, support vessels and helicopters may elicit a startle reaction from marine mammals. This reaction may lead to disruption of marine mammals' normal activities. Stress may make them more vulnerable to parasites, disease, environmental contaminants, and/or predation (Majors and Myrick, 1990). There is little conclusive evidence for long-term displacements and population trends for marine mammals relative to noise.

Effluents: Drilling fluids and cuttings discharges contain components which may be detrimental to marine mammals. Most operational discharges are diluted and dispersed upon release. Any potential impact from drilling fluids would be indirect, either as a result of impacts on prey items or possibly through ingestion in the food chain (API, 1989).

Discarded trash and debris: Both entanglement in, and ingestion of debris have caused the death or serious injury of marine mammals (Laist, 1997; MMC, 1999). The limited amount of marine debris, if any, resulting from the proposed activities is not expected to substantially harm marine mammals. Operators are prohibited from deliberately discharging debris as mandated by MARPOL-Annex V and the Marine Plastic Pollution Research and Control Act, and regulations imposed by various agencies including the United States Coast Guard (USCG) and the Environmental Protection Agency (EPA).

ATP will operate in accordance with the regulations and also avoid accidental loss of solid waste items by maintaining waste management plans, manifesting trash sent to shore, and using special precautions such as covering outside trash bins to prevent accidental loss of solid waste. Special caution will be exercised when handling and disposing of small items and packaging materials, particularly those made of non-biodegradable, environmentally persistent materials such as plastic or glass.

Informational placards will be posted on all vessels and facilities having sleeping or food preparation capabilities. All offshore personnel, including contractors and other support services-related personnel (e.g. helicopter pilots, vessel captains and boat crews) will be indoctrinated on waste procedures, and will view the video (or Microsoft PowerPoint presentation), "All Washed Up: The Beach Litter Problem". Thereafter, all personnel will view the marine trash and debris training video annually.

Accidents: Collisions between support vessels and cetaceans would be unusual events, however should one occur, death or injury to marine mammals is possible. Contract vessel operators can avoid marine mammals and reduce potential deaths by maintaining a vigilant watch for marine mammals and maintaining a safe distance when they are sighted. Vessel crews should use a reference guide to help identify the twenty-eight species of whales and dolphins, and the single species of manatee that may be encountered in the Gulf of Mexico OCS. Vessel crews must report sightings of any injured or dead protected marine mammal species immediately, regardless of whether the injury or death is caused by their vessel, to the Marine Mammal and Sea Turtle Stranding Hotline at (800) 799-6637, or the Marine Mammal Stranding Network at

(305) 862-2850. In addition, if the injury or death was caused by a collision with a contract vessel, the MMS must be notified within 24 hours of the strike by email to protectedspecies@mms.gov. If the vessel is the responsible party, it is required to remain available to assist the respective salvage and stranding network as needed.

Oil spills have the potential to cause sublethal oil-related injuries and spill-related deaths to marine mammals. However, it is unlikely that an accidental oil spill would occur from the proposed activities (refer to **Item 5**, Water Quality). Oil spill response activities may increase vessel traffic in the area, which could add to changes in cetacean behavior and/or distribution, thereby causing additional stress to the animals. The effect of oil dispersants on cetaceans is not known. The acute toxicity of oil dispersant chemicals included in ATP's OSRP is considered to be low when compared with the constituents and fractions of crude oils and diesel products. The activities proposed in this plan will be covered by ATP's OSRP (refer to information submitted in accordance with **Appendix F**).

There are no other IPFs (including physical disturbances to the seafloor) from the proposed activities which could impact marine mammals.

8. Sea Turtles

IPFs that could cause impacts to sea turtles as a result of the proposed operations include emissions, effluents, discarded trash and debris, and accidents. GulfCet II studies sighted most loggerhead, Kemp's ridley and leatherback sea turtles over shelf waters. Historically these species have been sighted up to the shelf's edge. They appear to be more abundant east of the Mississippi River than they are west of the river (Fritts et al., 1983b; Lohoefener et al., 1990). Deep waters may be used by all species as a transitory habitat.

Emissions: Noise from production activities, support vessels, and helicopters may elicit a startle reaction from sea turtles, but this is a temporary disturbance.

Effluents: Drilling fluids and cuttings discharges are not known to be lethal to sea turtles. Most operational discharges are diluted and dispersed upon release. Any potential impact from drilling fluids would be indirect, either as a result of impacts on prey items or possibly through ingestion in the food chain (API, 1989).

Discarded trash and debris: Both entanglement in, and ingestion of, debris have caused the death or serious injury of sea turtles (Balazs, 1985). The limited amount of marine debris, if any, resulting from the proposed activities is not expected to substantially harm sea turtles. Operators are prohibited from deliberately discharging debris as mandated by MARPOL-Annex V and the Marine Plastic Pollution Research and Control Act, and regulations imposed by various agencies including the United States Coast Guard (USCG) and the Environmental Protection Agency (EPA). ATP will operate in accordance with the regulations and also avoid accidental loss of

solid waste items by maintaining waste management plans, manifesting trash sent to shore, and using special precautions such as covering outside trash bins to prevent accidental loss of solid waste. Special caution will be exercised when handling and disposing of small items and packaging materials, particularly those made of non-biodegradable, environmentally persistent materials such as plastic or glass.

Informational placards will be posted on all vessels and facilities having sleeping or food preparation capabilities. All offshore personnel, including contractors and other support services-related personnel (e.g. helicopter pilots, vessel captains and boat crews) will be indoctrinated on waste procedures, and will view the video (or Microsoft PowerPoint presentation), "All Washed Up: The Beach Litter Problem". Thereafter, all personnel will view the marine trash and debris training video annually.

Accidents: Collisions between support vessels and sea turtles would be unusual events, however should one occur, death or injury to sea turtles is possible. Contract vessel operators can avoid sea turtles and reduce potential deaths by maintaining a vigilant watch for sea turtles and maintaining a safe distance when they are sighted. Vessel crews should use a reference guide to help identify the five species of sea turtles that may be encountered in the Gulf of Mexico OCS. Vessel crews must report sightings of any injured or dead protected sea turtle species immediately, regardless of whether the injury or death is caused by their vessel, to the Marine Mammal and Sea Turtle Stranding Hotline at (800) 799-6637, or the Marine Mammal Stranding Network at (305) 862-2850. In addition, if the injury or death was caused by a collision with a contract vessel, the MMS must be notified within 24 hours of the strike by email to protectedspecies@mms.gov. If the vessel is the responsible party, it is required to remain available to assist the respective salvage and stranding network as needed.

All sea turtle species and their life stages are vulnerable to the harmful effects of oil through direct contact or by fouling of their food. Exposure to oil can be fatal, particularly to juveniles and hatchlings. However, it is unlikely that an accidental oil spill would occur from the proposed activities (refer to **Item 5**, Water Quality). Oil spill response activities may increase vessel traffic in the area, which could add to the possibility of collisions with sea turtles. The activities proposed in this plan will be covered by ATP's Regional Oil Spill Response Plan (refer to information submitted in accordance with **Appendix F**).

There are no other IPFs (including physical disturbances to the seafloor) from the proposed activities which could impact sea turtles.

9. Air Quality

The projected air emissions identified in Appendix G are not expected to affect the OCS air quality primarily due to distance to the shore or to any Prevention of Significant Deterioration Class I air quality area such as the Breton Wilderness Area. Brazos Block 578 is beyond the 200 kilometer (124 mile) buffer for the Breton Wilderness Area and is 36 miles from the coastline.

Therefore, no special mitigation, monitoring, or reporting requirements apply with respect to air emissions.

Accidents and blowouts can release hydrocarbons or chemicals, which could cause the emission of air pollutants. However, these releases would not impact onshore air quality because of the prevailing atmospheric conditions, emission height, emission rates, and the distance of Brazos Block 578 from the coastline. There are no other IPFs (including effluents, physical disturbances to the seafloor, wastes sent to shore for treatment or disposal) from the proposed activities which could impact air quality.

10. Shipwreck Sites (known or potential)

IPFs that could impact known or unknown shipwreck sites as a result of the proposed operations in Brazos Block 578 include disturbances to the seafloor. Brazos Block 578 is not located in or adjacent to an OCS block designated by MMS as having a high probability for occurrence of shipwrecks. ATP will report to MMS the discovery of any evidence of a shipwreck and make every reasonable effort to preserve and protect that cultural resource. There are no other IPFs (including emissions, effluents, wastes sent to shore for treatment or disposal, or accidents) from the proposed activities which could impact shipwreck sites.

11. Prehistoric Archaeological Sites

IPFs that could cause impacts to prehistoric archaeological sites as a result of the proposed operations in Brazos Block 578 are physical disturbances to the seafloor and accidents (oil spills).

Physical Disturbances to the seafloor: Brazos Block 578 is located inside the Archaeological Prehistoric high probability lines. ATP will report to MMS the discovery of any object of prehistoric archaeological significance and make every reasonable effort to preserve and protect that cultural resource.

Accidents: An accidental oil spill has the potential to cause some detrimental effects to prehistoric archaeological sites if the release were to occur subsea. However, it is unlikely that an accidental oil spill would occur from the proposed activities (refer to **Item 5**, Water Quality). The activities proposed in this plan will be covered by ATP's Regional Oil Spill Response Plan (refer to information submitted in accordance with **Appendix F**).

There are no other IPFs (including emissions, effluents, wastes sent to shore for treatment or disposal) from the proposed activities that could cause impacts to prehistoric archaeological sites.

Vicinity of Offshore Location

1. Essential Fish Habitat (EFH)

IPFs that could cause impacts to EFH as a result of the proposed operations in Brazos Block 578 include physical disturbances to the seafloor, effluents and accidents. EFH includes all estuarine and marine waters and substrates in the Gulf of Mexico.

Physical disturbances to the seafloor: The Live Bottom Low Relief Stipulation, the Live Bottom (Pinnacle Trend) Stipulation, and the Eastern Gulf Pinnacle Trend Stipulation would prevent most of the potential impacts on live-bottom communities and EFH from bottom disturbing activities (e.g., anchoring, structure emplacement and removal).

Effluents: The Live Bottom Low Relief Stipulation, the Live Bottom (Pinnacle Trend) Stipulation, and the Eastern Gulf Pinnacle Trend Stipulation would prevent most of the potential impacts on live-bottom communities and EFH from operational waste discharges. Levels of contaminants in drilling muds and cuttings and produced-water discharges, discharge-rate restrictions, and monitoring and toxicity testing are regulated by the EPA NPDES permit, thereby eliminating many significant biological or ecological effects. Operational discharges are not expected to cause significant adverse impacts to EFH.

Accidents: An accidental oil spill has the potential to cause some detrimental effects on EFH. Oil spills that contact coastal bays and estuaries, as well as OCS waters when pelagic eggs and larvae are present, have the greatest potential to affect fisheries. However, it is unlikely that an oil spill would occur from the proposed activities (refer to **Item 5**, Water Quality). The activities proposed in this plan will be covered by ATP's Regional OSRP (refer to information submitted in **Appendix F**).

There are no other IPFs (including emissions, or wastes sent to shore for treatment or disposal) from the proposed activities which could impact essential fish habitat.

2. Marine and Pelagic Birds

IPFs that could impact marine birds as a result of the proposed activities include air emissions, accidental oil spills, and discarded trash and debris from vessels and the facilities.

Emissions: Emissions of pollutants into the atmosphere from these activities are far below concentrations which could harm coastal and marine birds.

Accidents: An oil spill would cause localized, low-level petroleum hydrocarbon contamination. However, it is unlikely that an oil spill would occur from the proposed activities (refer to **Item 5**, Water Quality). Marine and pelagic birds feeding at the spill location may experience chronic,

nonfatal, physiological stress. It is expected that few, if any, coastal and marine birds would actually be affected to that extent. The activities proposed in this plan will be covered by ATP's Regional OSRP (refer to information submitted in **Appendix F**).

Discarded trash and debris: Marine and pelagic birds could become entangled and snared in discarded trash and debris, or ingest small plastic debris, which can cause permanent injuries and death. Operators are prohibited from deliberately discharging debris as mandated by MARPOL-Annex V and the Marine Plastic Pollution Research and Control Act, and regulations imposed by various agencies including the United States Coast Guard (USCG) and the Environmental Protection Agency (EPA). ATP will operate in accordance with the regulations and also avoid accidental loss of solid waste items by maintaining waste management plans, manifesting trash sent to shore, and using special precautions such as covering outside trash bins to prevent accidental loss of solid waste. Special caution will be exercised when handling and disposing of small items and packaging materials, particularly those made of non-biodegradable, environmentally persistent materials such as plastic or glass. Informational placards will be posted on all vessels and facilities having sleeping or food preparation capabilities. All offshore personnel, including contractors and other support services-related personnel (e.g. helicopter pilots, vessel captains and boat crews) will be indoctrinated on waste procedures, and will view the video (or Microsoft PowerPoint presentation), "All Washed Up: The Beach Litter Problem". Thereafter, all personnel will view the marine trash and debris training video annually. Debris, if any, from these proposed activities will seldom interact with marine and pelagic birds; therefore, the effects will be negligible.

There are no other IPFs (including effluents, physical disturbances to the seafloor, or wastes sent to shore for treatment or disposal) from the proposed activities which could impact marine and pelagic birds.

3. Public Health and Safety Due to Accidents.

There are no IPFs (emissions, effluents, physical disturbances to the seafloor, wastes sent to shore for treatment or disposal or accidents, including an accidental H2S releases) from the proposed activities which could cause impacts to public health and safety. In accordance with NTL No. 2003 G-17, sufficient information is included in **Appendix C** to justify our request that our proposed activities be classified by MMS as H_2S absent.

Coastal and Onshore

1. Beaches

IPFs from the proposed activities that could cause impacts to beaches include accidents (oil spills) and discarded trash and debris.

Accidents: Oil spills contacting beaches would have impacts on the use of recreational beaches and associated resources. Due to the distance from shore (36 miles) and the response capabilities that would be implemented, no significant adverse impacts are expected. The activities proposed in this plan will be covered by ATP's Regional OSRP (refer to information submitted in **Appendix F**).

Discarded trash and debris: Trash on the beach is recognized as a major threat to the enjoyment and use of beaches. There will only be a limited amount of marine debris, if any, resulting from the proposed activities. Operators are prohibited from deliberately discharging debris as mandated by MARPOL-Annex V and the Marine Plastic Pollution Research and Control Act, and regulations imposed by various agencies including the United States Coast Guard (USCG) and the Environmental Protection Agency (EPA). ATP will operate in accordance with the regulations and also avoid accidental loss of solid waste items by maintaining waste management plans, manifesting trash sent to shore, and using special precautions such as covering outside trash bins to prevent accidental loss of solid waste. Special caution will be exercised when handling and disposing of small items and packaging materials, particularly those made of non-biodegradable, environmentally persistent materials such as plastic or glass.

Informational placards will be posted on all vessels and facilities having sleeping or food preparation capabilities. All offshore personnel, including contractors and other support services-related personnel (e.g. helicopter pilots, vessel captains and boat crews) will be indoctrinated on waste procedures, and will view the video (or Microsoft PowerPoint presentation), "All Washed Up: The Beach Litter Problem". Thereafter, all personnel will view the marine trash and debris training video annually.

There are no other IPFs (emissions, effluents, physical disturbances to the seafloor, or wastes sent to shore for treatment or disposal) from the proposed activities which could impact beaches.

2. Wetlands

Accidents: Oil spills could cause impacts to wetlands, however, it is unlikely that an oil spill would occur from the proposed activities (refer to **Item 5**, Water Quality). Due to the distance from shore (36 miles) and the response capabilities that would be implemented, no impacts are expected. The activities proposed in this plan will be covered by ATP's Regional OSRP (refer to information submitted in **Appendix F**).

There are no other IPFs (emissions, effluents, physical disturbances to the seafloor, or wastes sent to shore for treatment or disposal) from the proposed activities which could impact wetlands.

3. Shore Birds and Coastal Nesting Birds

Accidents: Oil spills could cause impacts to shore birds and coastal nesting birds. However, it is unlikely that an oil spill would occur from the proposed activities (refer to **Item 5**, Water Quality). Given the distance from shore (36 miles) and the response capabilities that would be implemented, no impacts are expected. The activities proposed in this plan will be covered by ATP's Regional OSRP (refer to information submitted in **Appendix F**).

Discarded trash and debris: Coastal and marine birds are highly susceptible to entanglement in floating, submerged, and beached marine debris: specifically plastics. Operators are prohibited from deliberately discharging debris as mandated by MARPOL-Annex V and the Marine Plastic Pollution Research and Control Act, and regulations imposed by various agencies including the United States Coast Guard (USCG) and the Environmental Protection Agency (EPA). ATP will operate in accordance with the regulations and also avoid accidental loss of solid waste items by maintaining waste management plans, manifesting trash sent to shore, and using special precautions such as covering outside trash bins to prevent accidental loss of solid waste. Special caution will be exercised when handling and disposing of small items and packaging materials, particularly those made of non-biodegradable, environmentally persistent materials such as plastic or glass.

Informational placards will be posted on vessels and every facility that has sleeping or food preparation capabilities. All offshore personnel, including contractors and other support services-related personnel (e.g. helicopter pilots, vessel captains and boat crews) will be indoctrinated on waste procedures, and will view the video (or Microsoft PowerPoint presentation), "All Washed Up: The Beach Litter Problem". Thereafter, all personnel will view the marine trash and debris training video annually.

There are no other IPFs (emissions, effluents, physical disturbances to the seafloor, or wastes sent to shore for treatment or disposal) from the proposed activities that could cause impacts to shore birds and coastal nesting birds.

4. Coastal Wildlife Refuges

Accidents: An accidental oil spill from the proposed activities could cause impacts to coastal wildlife refuges. However, it is unlikely that an oil spill would occur from the proposed activities (refer to Item 5, Water Quality). Due to the distance from shore (36 miles) and the response capabilities that would be implemented, no impacts are expected. The activities proposed in this plan will be covered by ATP's Regional OSRP (refer to information submitted in **Appendix F**).

There are no other IPFs (emissions, effluents, physical disturbances to the seafloor, or wastes sent to shore for treatment or disposal) from the proposed activities that could cause impacts to coastal wildlife refuges.

5. Wilderness Areas

An accidental oil spill from the proposed activities could cause impacts to wilderness areas. However, it is unlikely that an oil spill would occur from the proposed activities (refer to **Item 5**, Water Quality). Due to the distance from the nearest designated Wilderness Area (greater than 400 miles) and the response capabilities that would be implemented, no significant adverse impacts are expected. The activities proposed in this plan will be covered by ATP's Regional OSRP (refer to information submitted in **Appendix F).**

6. Other Environmental Resources Identified

None

(C) Impacts on your proposed activities.

The site–specific environmental conditions have been taken into account for the proposed activities. No impacts are expected on the proposed activities from site-specific environmental conditions.

(D) Alternatives

No alternatives to the proposed activities were considered to reduce environmental impacts.

(E) Mitigation Measures

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

(F) Consultation

No agencies or persons were consulted regarding potential impacts associated with the proposed activities. Therefore, a list of such entities has not been provided.

(G) References

Authors:

American Petroleum Institute (API). 1989. Effects of offshore petroleum operations on cold water marine mammals: a literature review. Washington, DC: American Petroleum Institute. 385 pp.

Balazs, G.H. 1985. Impact of ocean debris on marine turtles: entanglement and ingestion. In: Shomura, R.S. and H.O. Yoshida, eds. Proceedings, Workshop on the Fate and Impact of Marine Debris, 26-29 November 1984, Honolulu, HI. U.S. Dept. of Commerce. NOAA Tech. Memo. NOAA-TM-NMFS-SWFC-54. Pp 387-429.

Burke, C.J. and J.A. Veil. 1995. Potential benefits from regulatory consideration of synthetic drilling muds. Environmental Assessment Division, Argonne National Laboratory, ANL/EAD/TM-43

Daly, J.M. 1997. Controlling the discharge of synthetic-based drilling fluid contaminated cuttings in waters of the United States. U.S. Environmental Protection Agency, Office of Water. Work Plan, June 24, 1997.

Hansen, D.J. 1981. The relative sensitivity of seabird populations in Alaska to oil pollution. U.S. Dept. of the Interior, Bureau of Land Management, Alaska OCS Region, Anchorage. BLM-YK-ES-81-006-1792.

Laist, D.W. 1997. Impacts of marine debris: entanglement of marine life in marine debris including a comprehensive list of species with entanglement and ingestion records. In: Coe, J.M. and D.B. Rogers, eds. Marine debris: sources, impacts, and solutions. New York, NY: Springer-Verlag. Pp. 99-139

Majors, A.P. and A.C. Myrick, Jr. 1990. Effects of noise on animals: implications for dolphins exposed to seal bombs in the eastern tropical Pacific purse-seine fishery–an annotated bibliography. NOAA Administrative Report LJ-90-06.

Marine Mammal Commission. 1999. Annual report to Congress – 1998

Piatt, J.F., C.J. Lensink, W. Butler, M. Kendziorek, and D.R. Nysewander. 1990. Immediate impact of the Exxon Valdez oil spill on marine birds. The Auk. 107 (2): 387-397

Vauk , G., E. Hartwig, B. Reineking, and E. Vauk-Hentzelt. 1989. Losses of seabirds by oil pollution at the German North Sea coast. Topics in Marine Biology. Ros, J.D, ed. Scient. Mar. 53 (2-3): 749-754

Vermeer, K. and R. Vermeer, 1975 Oil threat to birds on the Canadian west coast. The Canadian Field-Naturalist. 89:278-298.

Although not cited, the following were utilized in preparing this EIA:

- Hazard Surveys
- MMS EIS's:
  - GOM Deepwater Operations and Activities. Environmental Assessment. MMS 2000-001
  - GOM Central and Western Planning Areas Sales 166 and 168 Final Environmental Impact Statement. MMS 96-0058

APPENDIX I
COASTAL MANAGEMENT CONSISTENCY INFORMATION

As authorized by the Federal Coastal Zone Management Act (CZMA), the State of Texas developed a Coastal Management Program (CMP) to allow for the review of proposed Federal license and permit activities affecting any coastal use or resource, in or outside of the Texas Coastal Zone.

The OCS related oil and gas exploratory and development activities having potential impact on the Texas Coastal Zone are based on the location of the proposed facilities, access to those sites, best practical techniques for drilling locations, drilling equipment guidelines for the prevention of adverse environmental effects, effective environmental protection, emergency plans and contingency plans.

Below are topics found in other sections of the plan and have been cross referenced for ease in locating:

Topic	Cross Reference	Comments
Construction, Operation and Maintenance of Oil and Gas Exploration and Production Facilities	APPENDIX A and B	
Discharges of Wastewater and Disposal of Waste from Oil and Gas Exploration and Production Activities	APPENDIX E and H	
Construction and Operation of Solid Waster Treatment, Storage, and Disposal Facilities	APPENDIX G	
Prevention, Response, and Remediation of Oil Spills	APPENDIX F	
Discharge of Municipal and Industrial Waste Water to Coastal Waters	APPENDIX B and E	
Development in Critical Areas	APPENDIX H	
Construction of Waterfront Facilities and Other Structures on Submerge lands	APPENDIX B and H	
Dredging and Dredged Material Disposal and Placement	APPENDIX H	
Construction in the Beach / Dune System	APPENDIX H	
Alteration of Coastal Historic Areas	APPENDIX H	
Transportation	APPENDICES B	
Emission of Air Pollutants	APPENDIX G	
Appropriations of Water		There will be no fresh water appropriations as a result of our operations
Marine Fishery Management	APPENDIX B and H	
Administrative Policies		Proposed operations are 34 miles offshore, therefore, not subject to Section 501.15 regarding major actions

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

COASTAL ZONE MANAGEMENT
CONSISTENCY CERTIFICATION
INITIAL
DEVELOPMENT OPERATIONS COORDINATION DOCUMENT
BRAZOS AREA BLOCK 578
OCS-G 25517

The proposed activities described in detail in this OCS Plan comply with Texas' approved Coastal Management Program(s) and will be conducted in a manner consistent with such Program(s)

ATP Oil & Gas Corporation
Lessee or Operator

Certifying Official

March 15, 2005
Date

U.S. Department of the Interior
Minerals Management Service

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

OCS PLAN INFORMATION FORM

GENERAL INFORMATION

Type of OCS Plan:		Exploration Plan (EP)	X	Development Operations Coordination Document (DOCD)
Company Name: ATP OIL & GAS CORPORATION				MMS Operator Number: 01819
Address: 4600 Post Oak Place Suite 200				Contact Person: Sharon DeSimoni Phone Number: 281-578-3388
Houston, TX 77027				Email Address: Sharon.desimoni@jccteam.com
Lease(s): G 25517	Area: BA	Block(s): 578		Project Name (If Applicable): NA
Objective(s): ☐ Oil	☒ Gas	☐ Sulphur	☐ Salt	Onshore Base: Port O'Conner, TX — Distance to Closest Land (Miles): 36

Description of Proposed Activities (Mark all that apply)

☐ Exploration drilling	☐ 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
☐ Installation of subsea wellheads and/or manifolds	☒ Commence production
☐ Installation of lease term pipelines	☐ Other (Specify and describe)

Have you submitted or do you plan to submit a Conservation Information Document to accompany this plan?		Yes	X	No
Do you propose to use new or unusual technology to conduct your activities?		Yes	X	No
Do you propose any facility that will serve as a host facility for deepwater subsea development?		Yes	X	No
Do you propose any activities that may disturb an MMS-designated high-probability archaeological area?		Yes	X	No
Have all of the surface locations of your proposed activities been previously reviewed and approved by MMS?	X	Yes		No

Tentative Schedule of Proposed Activities

Proposed Activity	Start Date	End Date	No. of Days
Install single well caisson	06/01/05	06/03/05	3
Install ROW pipeline	06/01/05	06/08/05	8
Hook up and commence production from Well No. A001	06/05/05	05/31/08	3 yrs

Description of Drilling Rig		Description of Production Platform	
☐ Jackup	☐ Drillship	☒ Caisson	☐ Tension leg platform
☐ Gorilla Jackup	☐ Platform rig	☐ Well protector	☐ Compliant tower
☐ Semisubmersible	☐ Submersible	☐ Fixed platform	☐ Guyed tower
☐ DP Semisubmersible	☐ Other (Attach Description)	☐ Subsea manifold	☐ Floating production system
☐ Drilling Rig Name (If Known):		☐ Spar	☐ Other (Attach description)

Description of Lease Term Pipelines

From (Facility/Area/Block)	To (Facility/Area/Block)	Diameter (inches)	Length (Feet)
NA			

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):	Subsea Completion
Well/Caisson No. 001	
Anchor Radius (if applicable) in feet:	☐ Yes ☒ No

	Surface Location	Bottom-Hole Location (For Wells)
Lease No.	OCS-G 25517	OCS-G 25517
Area Name	BA	BA
Block No.	578	578
Blockline Departures (in feet)	N/S Departure: 3464' FNL	N/S Departure:
	E/W Departure: 7646' FWL	E/W Departure:
Lambert X-Y coordinates	X: 3,087,441.81	X:
	Y: 162,856.00	Y:
Latitude/ Longitude	Latitude: 28° 14' 16.913"	Latitude:
	Longitude: 95° 37' 21.241"	Longitude:

TVD (Feet):	MD (Feet):	Water Depth (Feet): 115

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
NA			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 250.196. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid Office of Management and Budget Control Number. The use of this form is voluntary. The public reporting burden for this form is included in the burden for preparing Exploration Plans and Development Operations Coordination Documents. We estimate that burden to average 580 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to the Information Collection Clearance Officer, Mail Stop 4230, Minerals Management Service, 1849 C Street, N.W., Washington, DC 20240.