OCS PLAN INFORMATION FORM

General Information

Type of OCS Plan:		Exploration Plan (EP)	X	Development Operations Coordination Document (DOCD)	

Company Name: Shell Gulf of Mexico, Inc.	BOEM Operator Number: 02117
Address:	Contact Person: Susan Childs
3601 C Street, Suite 1000	Phone Number: (907) 770-3700
Anchorage Alaska 99503	E-Mail Address: susan.childs@shell.com

If a service fee is required under 30 CFR 550.125(a), provide the	Amount paid	$20,652	Receipt No.	

Project and Worst Case Discharge (WCD) Information

Lease(s): Y-2321	Area: Posey	Block(s): 6912	Project Name (If Applicable): Chukchi Prospect

Objective(s)	X	Oil	X	Gas		Sulphur		Salt	Onshore Support Base(s): Barrow, Wainwright

Platform/Well Name: Burger J	Total Volume of WCD: 23,100 bbl/day	API Gravity: 28
Distance to Closest Land (Miles): >64 miles	Volume from uncontrolled blowout: 23,100 bbl/day	

Have you previously provided information to verify the calculations and assumptions for your WCD?	x	Yes		No
If so, provide the Control Number of the EP or DOCD with which this information was provided	2011 Chukchi Sea EP			
Do you propose to use new or unusual technology to conduct your activities?	x	Yes		No
Do you propose to use a vessel with anchors to install or modify a structure?	x	Yes		No
Do you propose any facility that will serve as a host facility for deepwater subsea development?		Yes	x	No

Description of Proposed Activities and Tentative Schedule (Mark all that apply)

Proposed Activity	Start Date	End Date	No. of Days
Exploration drilling	July 4	October 31	119
Development drilling			
Well completion			
Well test flaring (for more than 48 hours)			
Installation or modification of structure			
Installation of production facilities			
Installation of subsea wellheads and/or manifolds			
Installation of lease term pipelines			
Commence production			
Other (Specify and attach description)			

Description of Drilling Rig

	Jackup	x	Drillship
	Gorilla Jackup		Platform rig
x	Semisubmersible		Submersible
	DP Semisubmersible		Other (Attach Description)

Drilling Rig Name (If Known): Noble Discoverer (drillship); Polar Pioneer (semisub)

Description of Structure

	Caisson		Tension leg platform
	Fixed platform		Compliant tower
	Spar		Guyed tower
	Floating production system		Other (Attach Description)

Description of Lease Term Pipelines

From (Facility/Area/Block)	To (Facility/Area/Block)	Diameter (Inches)	Length (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): Burger A					Previously reviewed under an approved EP or DOCD?	X	Yes		No 2011 Chukchi Sea EP
Is this an existing well or structure?		Yes x		No	If this is an existing well or structure, list the Complex ID or API No.	55-352-0000200			
Do you plan to use a subsea BOP or a surface BOP on a floating facility to conduct your proposed activities?						x	Yes		No

WCD info	For wells, volume of uncontrolled blowout (Bbls/day): 19,031	For structures, volume of all storage and pipelines (Bbls):	API Gravity of fluid	

	Surface Location	**Bottom-Hole Location (For Wells)**	**Completion (For multiple completions, enter separate lines)**
Lease No.	OCS Y-2280	OCS	OCS OCS
Area Name	Posey		
Block No.	6764		
Blockline Departures (in feet)	N/S Departure: F S ___ L 2359.34	N/S Departure: F S ___ L	N/S Departure: F____ L N/S Departure: F____ L N/S Departure: F____ L
	E/W Departure: F W ___ L 1545.26	E/W Departure: F W ___ L	E/W Departure: F____ L E/W Departure: F____ L E/W Departure: F____ L
Lambert X-Y coordinates	X: UTM03N X:563945.26	X:	X: X: X:
	Y: UTM03N Y:7912759.34	Y:	Y: Y: Y:
Latitude/ Longitude	Latitude N71 deg 18' 30.92"	Latitude	Latitude Latitude Latitude
	Longitude W163 deg 12' 43.17"	Longitude	Longitude Longitude Longitude
Water Depth (Feet): 150		MD (Feet): / TVD (Feet):	MD (Feet): / TVD (Feet): MD (Feet): / TVD (Feet): MD (Feet): / TVD (Feet):
Anchor Radius (if applicable) in feet:	maximum of 3,608		

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 =	

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): Burger F					Previously reviewed under an approved EP or DOCD?	X	Yes		No 2011 Chukchi Sea EP
Is this an existing well or structure?		Yes		No x	If this is an existing well or structure, list the Complex ID or API No.				
Do you plan to use a subsea BOP or a surface BOP on a floating facility to conduct your proposed activities?						x	Yes		No

WCD info	For wells, volume of uncontrolled blowout (Bbls/day): 11,763	For structures, volume of all storage and pipelines (Bbls):	API Gravity of fluid	

	Surface Location	**Bottom-Hole Location (For Wells)**	**Completion (For multiple completions, enter separate lines)**
Lease No.	OCS Y-2267	OCS	OCS OCS
Area Name	Posey		
Block No.	6714		
Blockline Departures (in feet)	N/S Departure: F S ___ L 756.94	N/S Departure: F S ___ L	N/S Departure: F____ L N/S Departure: F____ L N/S Departure: F____ L
	E/W Departure: F W ___ L 1663.30	E/W Departure: F W ___ L	E/W Departure: F____ L E/W Departure: F____ L E/W Departure: F____ L
Lambert X-Y coordinates	X: UTM03N X:564063.30	X:	X: X: X:
	Y: UTM03N Y:7915956.94	Y:	Y: Y: Y:
Latitude/ Longitude	Latitude N71 deg 20' 13.96"	Latitude	Latitude Latitude Latitude
	Longitude W163 deg 12' 21.75"	Longitude	Longitude Longitude Longitude
Water Depth (Feet): 149		MD (Feet): / TVD (Feet):	MD (Feet): / TVD (Feet): MD (Feet): / TVD (Feet): MD (Feet): / TVD (Feet):
Anchor Radius (if applicable) in feet:	maximum of 3,608		

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 =	

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): Burger J					Previously reviewed under an approved EP or DOCD?	X	Yes		No 2011 Chukchi Sea EP
Is this an existing well or structure?		Yes x		No	If this is an existing well or structure, list the Complex ID or API No.	55-352-00004-00			
Do you plan to use a subsea BOP or a surface BOP on a floating facility to conduct your proposed activities?						x	Yes		No

WCD info	For wells, volume of uncontrolled blowout (Bbls/day): 23,100	For structures, volume of all storage and pipelines (Bbls):	API Gravity of fluid

	Surface Location	**Bottom-Hole Location (For Wells)**	**Completion (For multiple completions, enter separate lines)**
Lease No.	OCS Y-2321	OCS	OCS OCS
Area Name	Posey		
Block No.	6912		
Blockline Departures (in feet)	N/S Departure: F S ___ L 1424.42	N/S Departure: F S ___ L	N/S Departure: F____ L N/S Departure: F____ L N/S Departure: F____ L
	E/W Departure: F W ___ L 2236.01	E/W Departure: F W ___ L	E/W Departure: F____ L E/W Departure: F____ L E/W Departure: F____ L
Lambert X-Y coordinates	X: UTM03N X:555036.01	X:	X: X: X:
	Y: UTM03N Y:7897424.42	Y:	Y: Y: Y:
Latitude/ Longitude	Latitude N71 deg 10' 24.03"	Latitude	Latitude Latitude Latitude
	Longitude W163 deg 28' 18.52"	Longitude	Longitude Longitude Longitude
Water Depth (Feet): 144		MD (Feet): / TVD (Feet):	MD (Feet): / TVD (Feet): MD (Feet): / TVD (Feet): MD (Feet): / TVD (Feet):
Anchor Radius (if applicable) in feet:	maximum of 3,608		

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 =	

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): Burger R					Previously reviewed under an approved EP or DOCD?	X	Yes		No 2011 Chukchi Sea EP
Is this an existing well or structure?		Yes		No x	If this is an existing well or structure, list the Complex ID or API No.				
Do you plan to use a subsea BOP or a surface BOP on a floating facility to conduct your proposed activities?						x	Yes		No

WCD info	For wells, volume of uncontrolled blowout (Bbls/day): 8,689	For structures, volume of all storage and pipelines (Bbls):	API Gravity of fluid	

	Surface Location	**Bottom-Hole Location (For Wells)**	**Completion (For multiple completions, enter separate lines)**
Lease No.	OCS Y-2294	OCS	OCS OCS
Area Name	Posey		
Block No.	6812		
Blockline Departures (in feet)	N/S Departure: F N ___ L 2401.99	N/S Departure: F N ___ L	N/S Departure: F____ L N/S Departure: F____ L N/S Departure: F____ L
	E/W Departure: F W ___ L 565.47	E/W Departure: F W ___ L	E/W Departure: F____ L E/W Departure: F____ L E/W Departure: F____ L
Lambert X-Y coordinates	X: UTM03N X:553365.47	X:	X: X: X:
	Y: UTM03N Y:7907998.91	Y:	Y: Y: Y:
Latitude/ Longitude	Latitude N71 deg 16' 06.57"	Latitude	Latitude Latitude Latitude
	Longitude W163 deg 30' 39.44"	Longitude	Longitude Longitude Longitude
Water Depth (Feet): 143		MD (Feet): / TVD (Feet):	MD (Feet): / TVD (Feet): MD (Feet): / TVD (Feet): MD (Feet): / TVD (Feet):
Anchor Radius (if applicable) in feet:	maximum of 3,608		

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 =	

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): Burger S				Previously reviewed under an approved EP or DOCD?	X	Yes		No 2011 Chukchi Sea EP
Is this an existing well or structure?		Yes		No x	If this is an existing well or structure, list the Complex ID or API No.			
Do you plan to use a subsea BOP or a surface BOP on a floating facility to conduct your proposed activities?					x	Yes		No

WCD info	For wells, volume of uncontrolled blowout (Bbls/day): 19,127	For structures, volume of all storage and pipelines (Bbls):	API Gravity of fluid	

	Surface Location	**Bottom-Hole Location (For Wells)**	**Completion (For multiple completions, enter separate lines)**
Lease No.	OCS Y-2278	OCS	OCS OCS
Area Name	Posey		
Block No.	6762		
Blockline Departures (in feet)	N/S Departure: F N ___ L 1001.52	N/S Departure: F N ___ L	N/S Departure: F____ L N/S Departure: F____ L N/S Departure: F____ L
	E/W Departure: F W ___ L 1590.64	E/W Departure: F W ___ L	E/W Departure: F____ L E/W Departure: F____ L E/W Departure: F____ L
Lambert X-Y coordinates	X: UTM03N X:554390.64	X:	X: X: X:
	Y: UTM03N Y:7914198.48	Y:	Y: Y: Y:
Latitude/ Longitude	Latitude N71 deg 19' 25.79"	Latitude	Latitude Latitude Latitude
	Longitude W163 deg 28' 40.84"	Longitude	Longitude Longitude Longitude

Water Depth (Feet): 147	MD (Feet):	TVD (Feet):	MD (Feet): MD (Feet): MD (Feet):	TVD (Feet): TVD (Feet): TVD (Feet):
Anchor Radius (if applicable) in feet:	maximum of 3,608			

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 =	

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): Burger V					Previously reviewed under an approved EP or DOCD?	X	Yes		No 2011 Chukchi Sea EP
Is this an existing well or structure?		Yes x		No	If this is an existing well or structure, list the Complex ID or API No.	55-352-00007-00			
Do you plan to use a subsea BOP or a surface BOP on a floating facility to conduct your proposed activities?						x	Yes		No

WCD info	For wells, volume of uncontrolled blowout (Bbls/day): 13,812	For structures, volume of all storage and pipelines (Bbls):	API Gravity of fluid	

	Surface Location	**Bottom-Hole Location (For Wells)**	**Completion (For multiple completions, enter separate lines)**
Lease No.	OCS Y-2324	OCS	OCS OCS
Area Name	Posey		
Block No.	6915		
Blockline Departures (in feet)	N/S Departure: F S ___ L 2124.84	N/S Departure: F S ___ L	N/S Departure: F____ L N/S Departure: F____ L N/S Departure: F____ L
	E/W Departure: F W ___ L 2201.40	E/W Departure: F W ___ L	E/W Departure: F____ L E/W Departure: F____ L E/W Departure: F____ L
Lambert X-Y coordinates	X: UTM03N X:569401.40	X:	X: X: X:
	Y: UTM03N Y:7898124.84	Y:	Y: Y: Y:
Latitude/ Longitude	Latitude N71 deg 10' 33.39"	Latitude	Latitude Latitude Latitude
	Longitude W163 deg 04' 21.23"	Longitude	Longitude Longitude Longitude
Water Depth (Feet): 147		MD (Feet): / TVD (Feet):	MD (Feet): / TVD (Feet): MD (Feet): / TVD (Feet): MD (Feet): / TVD (Feet):
Anchor Radius (if applicable) in feet:	maximum of 3,608		

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 =	

Provide the following information for the well with the highest Worst Case Discharge volume:

Worst Case Discharge (WCD) Well Information							
WCD Well Name	Surface Lease	Surface Area/Block	Bottom Lease	Bottom Area/Block	Product Type	MD	TVD
Proprietary	Information						

Analog Well(s)			
Area/Block	OCS Lease	Well No.	API No.

Geologic Data for WCD

Open Hole Interval for WCD	
Top (TVD in feet)	Base (TVD in feet)

	Sand 1	Sand 2	Sand 3	Sand 4	Sand 5
Formation Data					
Sand Name					
Estimated Top TVD					
Estimated Base TVD					
Estimated Net Sand Height MD (Net Pay if hydrocarbon)					
Estimated Net Sand Height TVT (Net Pay if hydrocarbon)					
Fluid Type					
Used in WCD? (Yes/No)					

Seismic Survey Used	

Engineering Data for WCD

WCD Engineering Items												
WCD (STB/Day)												
WCD Calculated at	Mudline		Yes		No		Atmosphere		Yes		No	
Flow Correlation												
Outlet Pressure (Psia)												
Gas Turbulence Factor												
Software Model Used												

	Sand 1	Sand 2	Sand 3	Sand 4	Sand 5
Formation Data					
Sand Name					
Permeability (mD)					
Initial Pressure (PSIA)					

OCS PLAN INFORMATION FORM (CONTINUED)

	Sand 1	Sand 2	Sand 3	Sand 4	Sand 5
Formation Data					
Reservoir Temperature (F)					
Porosity (0.00)					
Water Saturation (0.00)					
Rock Compressibility (microsips)					
Water Salinity (ppm)					
Drive Mechanism					
Drainage Area (acres)					
Oil Reservoir Data					
Bubble Point Pressure (PSIA)					
Initial Bo (RB/STB)					
Bo (RB/STB) @ Bubble Point					
Rsi (SCF/STB)					
Initial Oil Viscosity (Cp)					
Oil Viscosity (CP) @ Bubble Point					
Oil Compressibility (1/PSIA)					
Oil API Gravity (API)					
Specific Gas Gravity (0.00)					
Gas Reservoir Data					
Condensate API Gravity (API)					
Specific Gas Gravity (0.00)					
Yield (STB/MMCF)					

Source of Permeability Used			
Permeability from MDT			
Permeability from Core Analysis	Percussion core	Rotary sidewall core	Conventional core
Pressure Transient Analysis			
Permeability from CMR or NMR log analysis			
Permeability from other source			

Provide Model Input Values for Relative Permeability:	
Residual Oil to Gas fraction (=1-Slc-Swc)	
Residual Oil to Water fraction (=Soc)	
Critical Gas fraction (Sgc, Gas/Oil-Water Systems)	
Residual Gas to Water fraction (Sgc, Gas/Gas-Water Systems)	
Kro Oil Curve Endpoint (fraction of absolute permeability)	
Krg Gas Curve Endpoint (fraction of absolute permeability)	
Krw Water Curve Endpoint (fraction of absolute permeability)	

Paperwork Reduction Act of 1995 Statement: The Paperwork Reduction Act of 1995 (44 U.S.C. 2501 et seq.) requires us to inform you that BOEM collects this information as part of an applicant's Exploration Plan or Development Operations Coordination Document submitted for BOEM 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 550.197. 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. Responses are mandatory (43 U.S.C. 1334). 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 with an accompanying EP, or 700 hours 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, Bureau of Ocean Energy Management, 381 Elden Street, Herndon, VA 20170.