



Chevron Corporation
Regional Oil Spill Response Plan – Gulf of Mexico

Appendix H
Worst Case
Discharge
Scenarios

E. Worst Case Discharge Scenario for Mobile Rig Exploration Drilling Operations

1) Worst Case Summary

Chevron Corporation has determined that its worst case scenario for discharge outside from a mobile rig exploration drilling operation would occur from the Green Canyon 952 facility operations. GC 952 operations involve the exploration and production of oil and gas. A worst case scenario at this facility could result in a discharge of 278,565 barrels of oil and diesel as defined by MMS regulations. The oil has an API gravity of 28° and the diesel has an API gravity of 36°.

2) Facility Information

Area and Block	Green Canyon 952
Latitude	
Longitude	
Distance to Shore	139 miles
API Gravity	28°, 36°
Oil Storage Volume	43,642 barrels

3) Worst Case Discharge Volume

Criteria	Barrels
Maximum capacity of all storage tanks and flow lines on the facility (total)	43,642
Total static capacity (bbls) of all flowlines on the facility.	N/A
Volume of oil to leak from a break in any pipelines connected to the facility	N/A
Highest capacity well uncontrolled blowout volume associated with facility (volume per day)	234,923
<u>Loss</u> of volume of oil to natural evaporation based on ADIOS Model calculations. (Approximate) (15% Evaporation in 12 hrs)	- 41,785
TOTAL WORST CASE DISCHARGE	236,780



4) Land Segment Identification

Land areas that could be potentially impacted by a GC 952 oil spill were determined using the MMS Oil Spill Risk Analysis Model (OSRAM) trajectory results. The OSRAM estimates the probability that oil spills from designated locations would contact shoreline and offshore natural resources. These probabilities indicate, in terms of percentage, the chance that an oil spill occurring in a particular launch area will contact a certain county or parish within 3, 10, and 30 days. OCS Launch Area C46 was utilized as GC 952's point of origin. Land segments identified by the model are listed below:

Area and Spill Site	Land Segment Contact	Percent Impact Chance		
		3 Days	10 Days	30 Days
Green Canyon 952 Facility	Land Segment No. & County/ Parish & State			
	(08) Matagorda, TX	--	--	1
	(09) Brazoria, TX	--	--	1
	(10) Galveston, TX	--	--	2
	(12) Jefferson, TX	--	--	1
	(13) Cameron, LA	--	--	3
	(14) Vermilion, LA	--	--	1
	(17) Terrebonne, LA	--	--	1
	(18) Lafourche, LA	--	--	1
	(20) Plaquemines, LA	--	--	3

5) Resource Identification

Resources of special economic or environmental importance found in land segments identified as Probable Impact Areas can be found in the NOAA ESI Coastal Sensitivity Atlas (Maps). (See examples at end of section.)

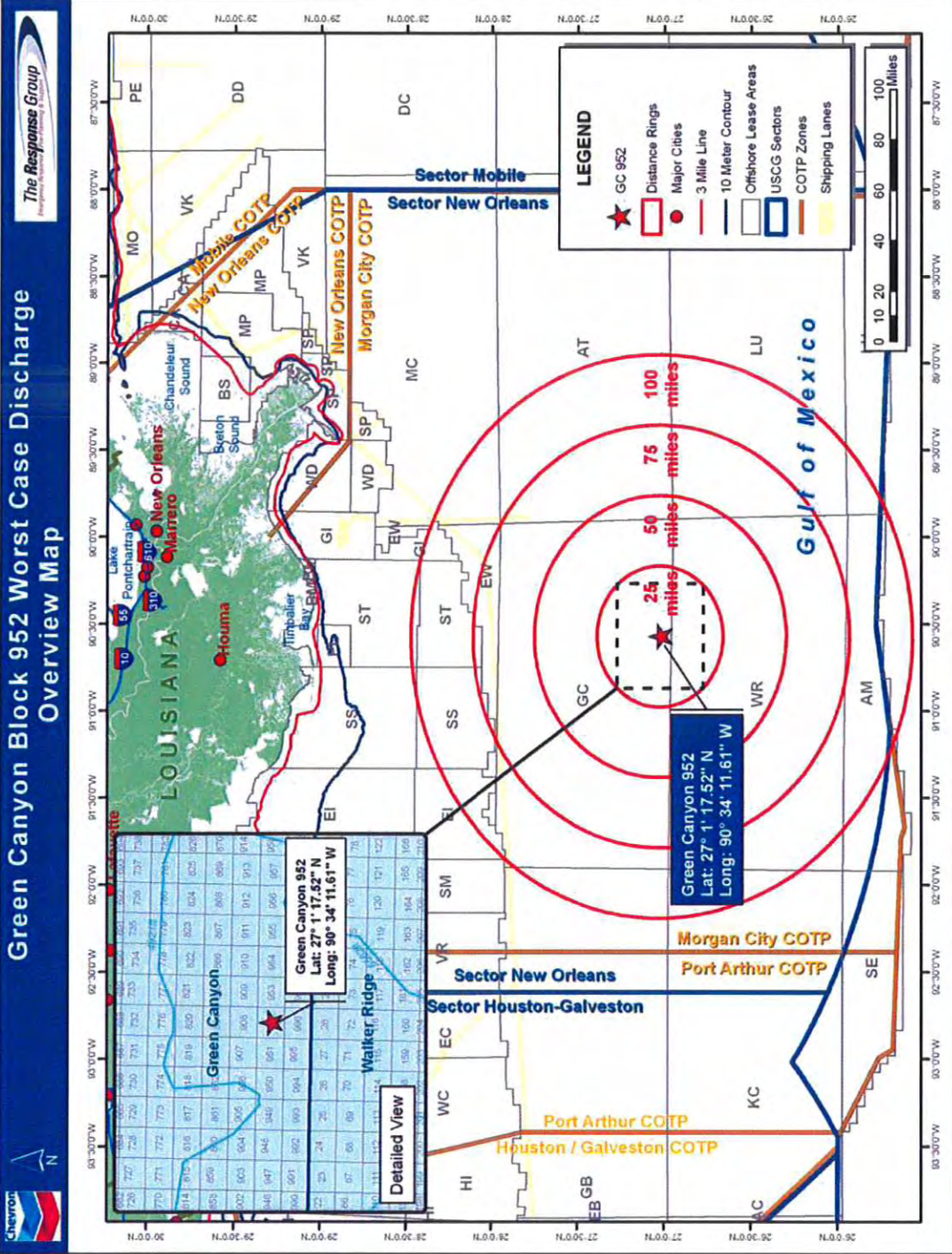
6) Response

Chevron has contracted with Marine Spill Response Corporation (MSRC) and Clean Gulf Associates (CGA) as primary Oil Spill Removal Organizations. Contact information for MSRC & CGA can be found in **Section 7** "QI, SMT SROT, and OSRO Notifications". Upon notification of the spill, Chevron could request mobilization of the appropriate resources identified in the attached Response Status Boards (see below).



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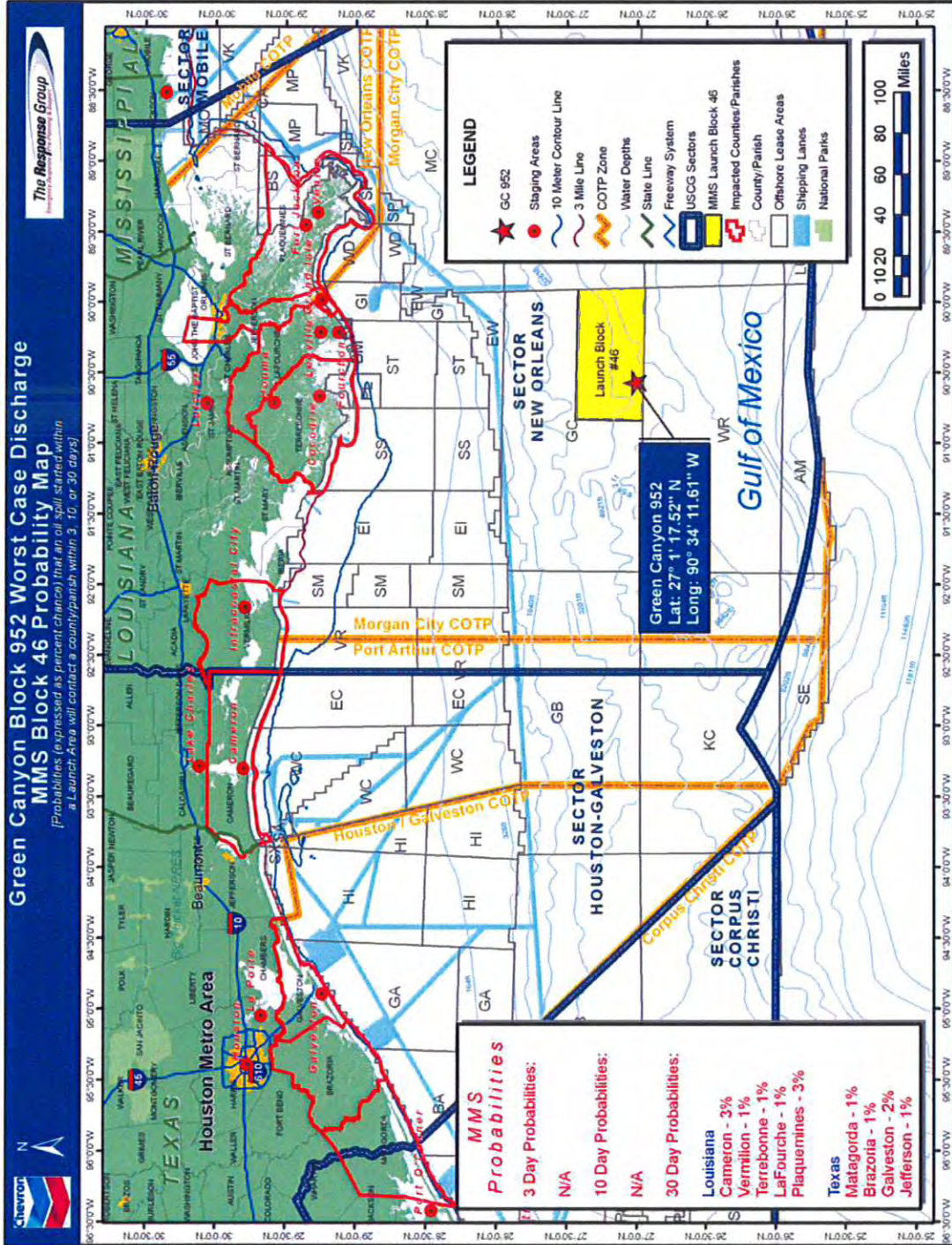
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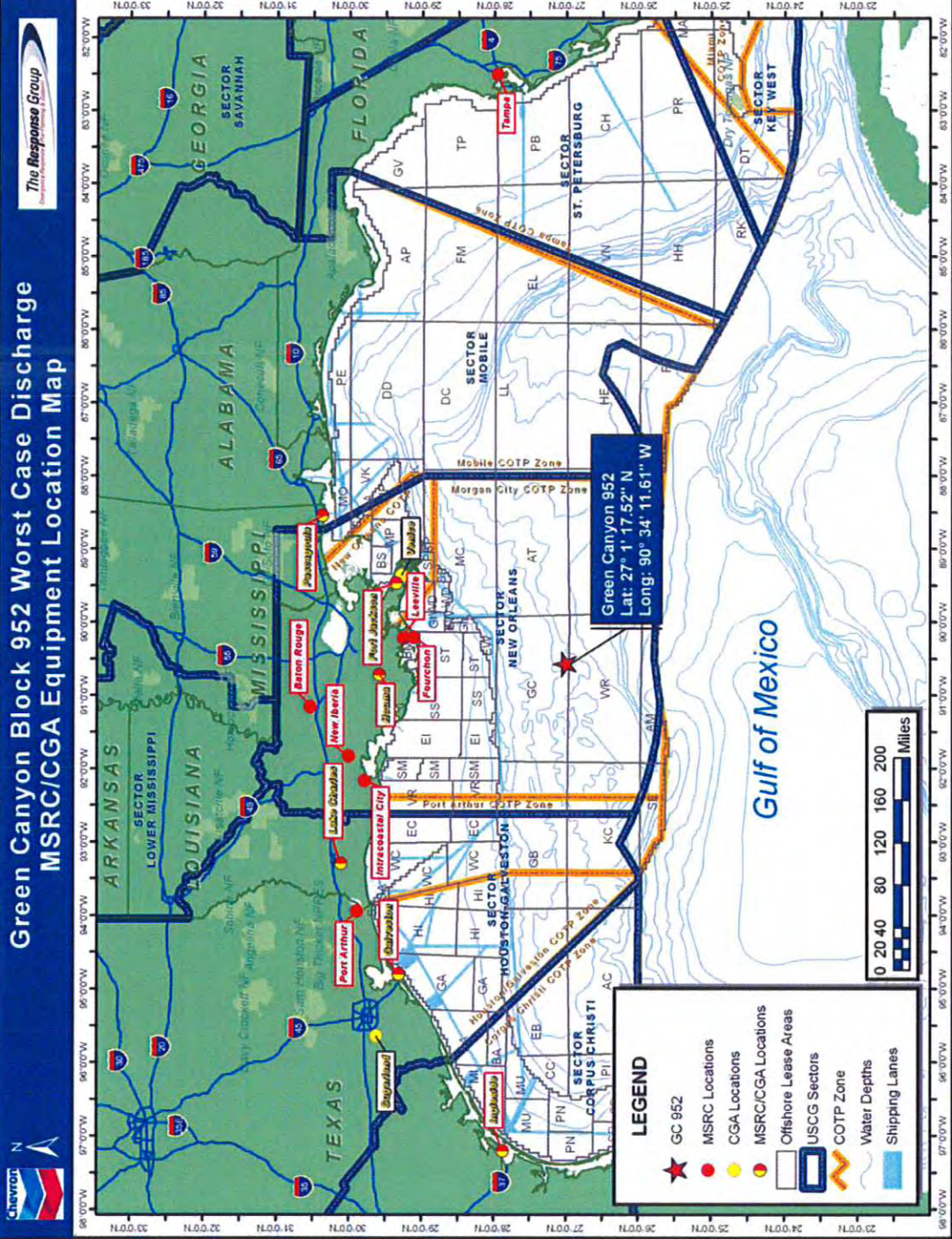
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GC 952 (Exploratory) - Sample Offshore On-Water Recovery Activation List

Skimming System	Supplier & Phone	Warehouse	Skimming Package	Quantity	Recovery Rate (Barrels/Day)	Storage (Barrels)	Staging Area	Distance to Site from Staging (Miles)	Response Times (Hours)				
									Staging ETA	Loadout Time	ETA to Site	Deployment Time	Total ETA
M/V Recovery	AMPOL 800-482-6765	Fourchon, LA	GT-185 Skimmer	1	1,371	200	Fourchon, LA	145	2	1	10.5	1	14.5
			36" Expandi Boom	720									
			Personnel	4									
			110' Utility Boat	1									
			Crew Boat	1									
FOILEX 200	MSRC 800-OIL-SPIL	Belle Chasse, LA	Offshore Skimmer	1	1,989	500	Fourchon, LA	145	3	1	10.5	1	15.5
			43" Offshore Boom	100									
			Personnel	4									
			Utility Boat	1									
			Towable Bladder	1									
FOILEX 250	MSRC 800-OIL-SPIL	Belle Chasse, LA	Offshore Skimmer	1	3,977	500	Fourchon, LA	145	3	1	10.5	1	15.5
			43" Offshore Boom	100									
			Personnel	4									
			Utility Boat	1									
			Towable Bladder	1									
VOSS Fast Response Unit	CGA 888-CGA-2007	Houma, LA	Don Wilson Skimmer	1	3,770	100	Fourchon, LA	145	3	1	10.5	1	15.5
			43" Expandi Boom	500									
			Personnel	4									
			Utility Boat	1									
			Crew Boat	1									
VOSS Fast Response Unit	CGA 888-CGA-2007	Houma, LA	Don Wilson Skimmer	1	3,770	100	Fourchon, LA	145	3	1	10.5	1	15.5
			43" Expandi Boom	500									
			Personnel	4									
			Utility Boat	1									
			Crew Boat	1									
VOSS Fast Response Unit	CGA 888-CGA-2007	Houma, LA	Don Wilson Skimmer	1	3,770	100	Fourchon, LA	145	3	1	10.5	1	15.5
			43" Expandi Boom	500									
			Personnel	4									
			Utility Boat	1									
			Crew Boat	1									
Louisiana Responder Transrec-350	MSRC 800-OIL-SPIL	Fort Jackson, LA	Transrec Skimmer	1	10,567	4,000	Fort Jackson, LA	190	2	1	13.5	1	17.5
			67" Boom	1320									
			210' Vessel	1									
			Personnel	12									
			32' Support Boat	1									
Stress I Skimmer	1	15,840											
MOSS Unit w/ GT-260	AMPOL 800-482-6765	New Iberia, LA	GT-260 Skimmer	1	2,743	50	Fourchon, LA	145	5	1	10.5	1	17.5
			36" Expandi Boom	720									
			Personnel	4									
			110' Utility Boat	1									
			Crew Boat	1									
MOSS Unit w/ WP-4	AMPOL 800-482-6765	New Iberia, LA	Offshore Skimmer	1	3,565	50	Fourchon, LA	145	5	1	10.5	1	17.5
			36" Expandi Boom	720									
			Personnel	4									
			110' Utility Boat	1									
			Crew Boat	1									
WP-4	AMPOL 800-482-6765	New Iberia, LA	Offshore Skimmer	1	3,565	200	Fourchon, LA	145	5	1	10.5	1	17.5
			36" Expandi Boom	720									
			Personnel	4									
			110' Utility Boat	1									
			Crew Boat	1									
Portable Tank	1												
WP-4	AMPOL 800-482-6765	New Iberia, LA	Offshore Skimmer	1	3,565	200	Fourchon, LA	145	5	1	10.5	1	17.5
			36" Expandi Boom	720									
			Personnel	4									
			110' Utility Boat	1									
			Crew Boat	1									
Portable Tank	1												
WP-1	AMPOL 800-482-6765	New Iberia, LA	Offshore Skimmer	1	1,440	200	Fourchon, LA	145	5	1	10.5	1	17.5
			36" Expandi Boom	720									
			Personnel	4									
			110' Utility Boat	1									
			Crew Boat	1									
Portable Tank	1												