FREEPORT-MCMORAN OIL & GAS

Freeport-McMoRan Oil & Gas
201 S. Broadway
Orcutt, CA 93455

Telephone: 805-739-9111

May 21, 2014

Mr. Jared Blumenfeld
Regional Administrator
EPA, Region 9
NPDES/DMR, WTR-7
75 Hawthorne Street
San Francisco, CA 94105-3901

Re: Discharge Monitoring Report - Platform Irene NPDES Permit CAG280000

Dear Mr. Blumenfeld:

This letter and its attachments represent the quarterly Discharge Monitoring Report (DMR) for the months of February, March and April 2014 for Platform Irene.

The new General Permit became effective March 1, 2014. This DMR includes February, which falls under the previous permit, and the months of March and April which fall under the new permit. This DMR includes the old permit limits for the month of February and the new permit limits will be applied in the next DMR after the first quarterly chlorine samples are taken.

Included are the following attachments:

Attachment 1 is comprised of the EPA DMR forms (3320-1) for the normal quarterly monitoring activities including the drilling DMR.

Attachment 2 is a listing of the chemical inventory for miscellaneous discharges (specifically, fire water) as required by II.F. of the subject permit.

Attachment 3 provides required pre-dilution and the post-dilution chlorine results for fire water discharges in accordance with Appendix D of the old permit and Appendix C of the new permit.

Attachment 4 includes copies of the official state certified lab reports, including laboratory quality control reports and other permit required information (EPA Methods, sample dates, etc.).

The following is a brief summary of some of the monitoring and reporting parameters affecting the various discharges:

Drilling Fluids and Drill Cuttings (001):

There were no drilling activities during this quarter.

Produced Water (002):

Platform Irene had no produced water discharges for this period. Produced water is currently injected.

Well Treatment, Completion and Workover Fluids (003):

There were no well treatment, completion and workover fluid jobs performed during this quarter.

Non-Contact Cooling Water and Fire Water (008, 009):

Platform Irene periodically adds small amounts of chlorine to the fire water which is combined with non-contact cooling water, and the quarterly monitoring results for the combined discharge are listed in the DMR. Attachment 3 summarizes the official quarterly chlorine results, including post-dilution and end of pipe results.

The numeric values for chlorine reported in the DMR are post dilution values (using the lab results and the EPA Plumes UM model) for comparison to the limits listed in Appendix D of the old permit and Appendix C of the new permit.

FM O&G uses an independent contractor to collect NPDES compliance monitoring samples at our offshore platforms. EPA sampling, preservation and documentation protocol is a strict requirement of our monitoring program.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on

my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 U.S.C & 1001 and 33 U.S.C. & 1319. (Penalties under these statutes may include fines up to $10,000 and or maximum imprisonment of between 6 months and 5 years)

If you should have any questions or require additional information, please contact me at (805) 934-8220.

Sincerely,

David Rose
Manager, Environmental, Health & Safety

Attachment(s)

cc: Ms. Susan Zaleski, Bureau of Ocean Energy Management
Ms. Alison Dettmer, California Coastal Commission
Mr. James Salmons, Bureau of Safety Environmental Enforcement
Platform Irene Foremen

Platform Irene

Attachment 1

EPA DMR
PERMIT NO. CAG280000

Freeport-McMoRan Oil & Gas
201 S. Broadway
Orcutt, Ca 93455

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

WELL DISCHARGE MONITORING REPORT (Well DMR)

CAG280000	001
PERMIT NO.	DISCHARGE NO.

Approved Form
OMB No. 2000-0015

PLATFORM IRENE
LOCATION: 34° 36' 26"N, 120° 43' 40" W

MONITORING PERIOD					
YR	MO	DAY	YR	MO	DAY
From: 14	02	01	To: 14	04	30

DRILLING FLUIDS AND DRILL CUTTINGS (001)

NOTE: Read instructions before completing this form.

PARAMETER		Quantity or Loading			Quality or Concentration				NO. EX.	Frequency Analysis	Sample Type
		Average	Maximum	Units	Minimum	Average	Maximum	Units			
DRILLING FLUIDS VOLUME Well # N / A February	Sample Measurement		**No Discharge**	Barrels/ Well/ Month							
	Permit Requirement		Report							1/well 1/day	Estimate
Well # N / A March	Sample Measurement		**No Discharge**	Barrels/ Well/ Month							
	Permit Requirement		Report							1/well 1/day	Estimate
Well # N / A April	Sample Measurement		**No Discharge**	Barrels/ Well/ Quarter							
	Permit Requirement		Report							1/well 1/day	Estimate
DRILLING FLUIDS VOLUME Quarterly Total Well # N / A February - April	Sample Measurement		**No Discharge**	Barrels/ Well/ Quarter					0		
	Permit Requirement		Report								
DRILLING FLUIDS VOLUME Annual Cumulative Volume Limit[1] 03/01/2013 - 02/28/2014	Sample Measurement		7210	Barrels/ Year					0		
	Permit Requirement		105,000								
DRILLING FLUIDS VOLUME Annual Cumulative Volume Limit[1] 03/01/2014 - 02/28/2015	Sample Measurement		0	Barrels/ Year					0		
	Permit Requirement		105,000								

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE
David Rose Manager, Environmental, Health and Safety	I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS. SEE 18 U.S.C. & 1001 AND 33 U.S.C. & 1319. (PENALTIES UNDER THESE STATUTES MAY INCLUDE FINES UP TO $10,000 AND OR MAXIMUM IMPRISONMENT OF BETWEEN 6 MONTHS AND 5 YEARS)	David Rose	(805) 934-8220	05 23 2014
TYPED OR PRINTED		Signature of PRINCIPAL EXECUTIVE OFFICER or AUTHORIZED AGENT	Area Code Number	MONTH/DAY/YEAR

COMMENT AND EXPLANATION OF ANY VIOLATION (Reference all attachments here.)

[1] Annual cumulative volume limit is applied to the cumulative volumes for the periods of March 2013 through February 2014, and March 2014 through February 2015.
Due to the new permit, this DMR includes the first month of the new annual cumulative volume period. Therefore, annual cumulative volumes for two separate periods are recorded.

Freeport-McMoRan Oil & Gas
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Orcutt, Ca 93455

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

WELL DISCHARGE MONITORING REPORT (Well DMR)

CAG280000	001
PERMIT NO.	DISCHARGE NO.

Approved Form
OMB No. 2000-0015

PLATFORM IRENE
LOCATION: 34° 36' 26"N, 120° 43' 40" W

MONITORING PERIOD					
YR	MO	DAY	YR	MO	DAY
From:	14	02	01	To:	14 04 30

DRILLING FLUIDS AND DRILL CUTTINGS (001)

NOTE: Read instructions before completing this form.

PARAMETER		Quantity or Loading			Quality or Concentration				NO. EX.	Frequency Analysis	Sample Type
		Average	Maximum	Units	Minimum	Average	Maximum	Units			
DRILL CUTTINGS VOLUME Well # N / A	Sample Measurement		**No Discharge**	Barrels/ Well/ Month							
February - April	Permit Requirement		Report							1/well 1/day	Estimate
DRILL CUTTINGS VOLUME Annual Cumulative Volume Limit[1] 03/01/2013 - 02/28/2014	Sample Measurement		3651	Barrels/ Year					0		
	Permit Requirement		30,000								
DRILL CUTTINGS VOLUME Annual Cumulative Volume Limit[1] 03/01/2014 - 02/28/2015	Sample Measurement		0	Barrels/ Year					0		
	Permit Requirement		30,000								
DRILL FLUIDS/CUTTINGS FREE OIL	Sample Measurement				**No Discharge**			# Days Sheen Observed			
February	Permit Requirement				Negative Static Sheen Test/Free Oil					1/well 1/day	Visual Visual
	Sample Measurement				**No Discharge**			# Days Sheen Observed			
March	Permit Requirement				Negative Static Sheen Test/Free Oil					1/well 1/day	Visual Visual
	Sample Measurement				**No Discharge**			# Days Sheen Observed			
April	Permit Requirement				Negative Static Sheen Test/Free Oil					1/well 1/day	Visual Visual

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David Rose Manager, Environmental, Health and Safety	I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS. SEE 18 U.S.C. & 1001 AND 33 U.S.C. & 1319. (PENALTIES UNDER THESE STATUTES MAY INCLUDE FINES UP TO $10,000 AND OR MAXIMUM IMPRISONMENT OF BETWEEN 6 MONTHS AND 5 YEARS)	David Rose	(805) 934-8220	05 23 2014
TYPED OR PRINTED		Signature of PRINCIPAL EXECUTIVE OFFICER or AUTHORIZED AGENT	Area Code Number	MONTH/DAY/YEAR

COMMENT AND EXPLANATION OF ANY VIOLATION (Reference all attachments here.)

[1] Annual cumulative volume limit is applied to the cumulative volumes for the periods of March 2013 through February 2014, and March 2014 through February 2015.
Due to the new permit, this DMR includes the first month of the new annual cumulative volume period. Therefore, annual cumulative volumes for two separate periods are recorded.

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Orcutt, Ca 93455

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

WELL DISCHARGE MONITORING REPORT (Well DMR)

CAG280000	001
PERMIT NO.	DISCHARGE NO.

Approved Form
OMB No. 2000-0015

PLATFORM IRENE
LOCATION: 34° 36' 26"N, 120° 43' 40" W

MONITORING PERIOD					
YR	MO	DAY	YR	MO	DAY
From: 14	02	01	To: 14	04	30

DRILLING FLUIDS AND DRILL CUTTINGS (001)

NOTE: Read instructions before completing this form.

PARAMETER		Quantity or Loading			Quality or Concentration				NO. EX.	Frequency Analysis	Sample Type
		Average	Maximum	Units	Minimum	Average	Maximum	Units			
DRILLING FLUIDS TOXICITY Well # N / A	Sample Measurement					N /A		% by Volume	0		
	Permit Requirement					LC50 > 3% SPP				(0 - 80%) Well Footage	Grab
DRILLING FLUIDS TOXICITY Well # N / A	Sample Measurement					N /A		% by Volume			
	Permit Requirement					LC50 > 3% SPP				(80 - 100%) Well Footage	Grab
BARITE MERCURY	Sample Measurement					N /A		mg / kg	0	Stock Barite	Grab
	Permit Requirement					1.0				Stock Barite	Grab
BARITE CADMIUM	Sample Measurement					N /A		mg / kg	0	Stock Barite	Grab
	Permit Requirement					3.0				Stock Barite	Grab
DRILL FLUIDS CHEMICAL INVENTORY Well # N / A	Sample Measurement					N /A			0	Each Mud System	
	Permit Requirement					Report				Each Mud System	
No. DAYS DISCHARGE FOR EACH DRILLING FLUID Mud Type: N /A	Sample Measurement					N /A			0	# Days Each	
	Permit Requirement					Report				# Days Each	
1. Oil-based Fluids						N /A			0	N/A	
2. Diesel Oil 3. Non-aqueous based drilling fluids or cuttings						No Discharge				N/A	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE
David Rose Manager, Environmental, Health and Safety	I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (PENALTIES UNDER THESE STATUTES MAY INCLUDE FINES UP TO $10,000 AND OR MAXIMUM IMPRISONMENT OF BETWEEN 6 MONTHS AND 5 YEARS)	David Rose	(805) 934-8220	05 23 2014
TYPED OR PRINTED		Signature of PRINCIPAL EXECUTIVE OFFICER or AUTHORIZED AGENT	Area Code Number	MONTH/DAY/YEAR

COMMENT AND EXPLANATION OF ANY VIOLATION (Reference all attachments here.)

N / A: No discharge of drilling fluids.

Freeport-McMoRan Oil & Gas
201 S. Broadway
Orcutt, Ca 93455

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

CAG280000	002
PERMIT NO.	DISCHARGE NO.

Approved Form
OMB No. 2000-0015

PLATFORM IRENE
LOCATION: 34° 36' 26"N, 120° 43' 40" W

MONITORING PERIOD	
YR MO DAY	YR MO DAY
From: 14 02 01	To: 14 04 30

PRODUCED WATER (002)

NOTE: Read instructions before completing this form.

PARAMETER		Quantity or Loading			Quality or Concentration				NO. EX.	Frequency Analysis	Sample Type
		Average	Maximum	Units	Minimum	Average	Maximum	Units			
PRODUCED WATER FLOW RATE	Sample Measurement	**No Discharge**		Monthly Average bbl/Day							
February - April	Permit Requirement	N / A								1/day	Estimate
QUARTERLY AVERAGE Volume		**No Discharge**		Quarterly Average bbl/Day							
February - April		N / A								1/quarter	Estimate
ANNUAL CUMULATIVE [1] **Volume**	Sample Measurement		0	Barrels/ Year					0		
03/01/13 - 02/28/14 and 03/01/14 - 02/28/15	Permit [1] Requirement		55,845,000							1/quarter	Estimate
PRODUCED WATER OIL & GREASE	Sample Measurement					**No Discharge**	**No Discharge**	mg/L			
February - April	Permit Requirement					29.0	42.0			1/week	Grab
PRODUCED WATER CONSTITUENTS				lbs/day		**No Discharge**	**No Discharge**				
						*N / A	*N / A			1/month for 1 year	Grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE
David Rose Manager, Environmental, Health and Safety	I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS. SEE 18 U.S.C. & 1001 AND 33 U.S.C. & 1319. (PENALTIES UNDER THESE STATUTES MAY INCLUDE FINES UP TO $10,000 AND OR MAXIMUM IMPRISONMENT OF BETWEEN 6 MONTHS AND 5 YEARS)	David Rose	(805) 934-8220	05 23 2014
TYPED OR PRINTED		Signature of PRINCIPAL EXECUTIVE OFFICER or AUTHORIZED AGENT	Area Code Number	MONTH/DAY/YEAR

COMMENT AND EXPLANATION OF ANY VIOLATION (Reference all attachments here.)
No discharge of produced water.
[1] Annual cumulative volume limit is applied to the cumulative volumes for the periods of March 2013 through February 2014, and March 2014 through February 2015.
Due to the new permit, this DMR includes the first month of the new annual cumulative volume period. Therefore, annual cumulative volumes for two separate periods are recorded.
*N / A: Pending Reasonable Potential analysis.

Freeport-McMoRan Oil & Gas
201 S. Broadway
Orcutt, Ca 93455

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

WELL DISCHARGE MONITORING REPORT (Well DMR)

CAG280000	003
PERMIT NO.	DISCHARGE NO.

Approved Form
OMB No. 2000-0015

PLATFORM IRENE
LOCATION: 34° 36' 26"N, 120° 43' 40" W

MONITORING PERIOD	
YR MO DAY	YR MO DAY
From: 14 02 01	To: 14 04 30

WELL TREATMENT, COMPLETION AND WORKOVER FLUIDS (003)

NOTE: Read instructions before completing this form.

PARAMETER		Quantity or Loading			Quality or Concentration				NO. EX.	Frequency Analysis	Sample Type
		Average	Maximum	Units	Minimum	Average	Maximum	Units			
WELL TREATMENT, COMPLETION AND WORKOVER FLUIDS FLOW [1] February	Sample Measurement		No Discharge	Barrels / Job							
	Permit Requirement		Report							1/Job	Grab
March	Sample Measurement		**No Discharge**	Barrels / Job							
	Permit Requirement		Report							1 /Job	Estimate
April	Sample Measurement		**No Discharge**	Barrels / Job							
	Permit Requirement		Report							1 /Job	Estimate
WELL TREATMENT, COMPLETION AND WORKOVER FLUIDS OIL AND GREASE [1]						MONTHLY AVERAGE	DAILY MAXIMUM				
February	Sample Measurement					**No Discharge**	**No Discharge**	mg/L			
	Permit Requirement					29.0	42.0			1/Job	Grab
March	Sample Measurement					**No Discharge**	**No Discharge**	mg/L			
	Permit Requirement					29.0	42.0			1/Job	Grab
April	Sample Measurement					**No Discharge**	**No Discharge**	mg/L			
	Permit Requirement					29.0	42.0			1/Job	Grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE
David Rose Manager, Environmental, Health and Safety	I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS. SEE 18 U.S.C. & 1001 AND 33 U.S.C. & 1319. (PENALTIES UNDER THESE STATUTES MAY INCLUDE FINES UP TO $10,000 AND OR MAXIMUM IMPRISONMENT OF BETWEEN 6 MONTHS AND 5 YEARS)	David Rose	(805) 934-8220	05 23 2014
TYPED OR PRINTED		Signature of PRINCIPAL EXECUTIVE OFFICER or AUTHORIZED AGENT	Area Code Number	MONTH/DAY/YEAR

COMMENT AND EXPLANATION OF ANY VIOLATION (Reference all attachments here.)

[1] Well Treatment and Completion & Workover Fluids are combined with production and not discharged.

Freeport-McMoRan Oil & Gas
201 S. Broadway
Orcutt, Ca 93455

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

WELL DISCHARGE MONITORING REPORT (Well DMR)

CAG280000	003
PERMIT NO.	DISCHARGE NO.

Approved Form
OMB No. 2000-0015

PLATFORM IRENE
LOCATION: 34° 36' 26"N, 120° 43' 40" W

MONITORING PERIOD	
YR MO DAY	YR MO DAY
From: 14 02 01	To: 14 04 30

WELL TREATMENT, COMPLETION AND WORKOVER FLUIDS (003)

NOTE: Read instructions before completing this form.

PARAMETER		Quantity or Loading			Quality or Concentration				NO. EX.	Frequency Analysis	Sample Type
		Average	Maximum	Units	Minimum	Average	Maximum	Units			
WELL TREATMENT, COMPLETION AND WORKOVER FLUIDS [1] TYPE AND TOTAL NUMBER OF JOBS	Sample Measurement		0	Barrels / Job							
	Permit Requirement		Report								
WELL TREATMENT, COMPLETION AND WORKOVER FLUIDS STATIC SHEEN February	Sample Measurement				No Discharge			# Times Sheen Observed			
	Permit Requirement				Negative Static Sheen Test - # Times observed-None					1/discharge	Grab
March	Sample Measurement				No Discharge			# Times Sheen Observed			
	Permit Requirement				Negative Static Sheen Test - # Times observed-None					1/discharge	Grab
April	Sample Measurement				No Discharge			# Times Sheen Observed			
	Permit Requirement				Negative Static Sheen Test - # Times observed-None					1/discharge	Grab
	Sample Measurement										
	Permit Requirement										
WELL TREATMENT, COMPLETION AND WORKOVER FLUIDS **Chemical Inventory** February - April	Sample Measurement				N / A						
	Permit Requirement				Report					1/job	Report
	Sample Measurement										
	Permit Requirement										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE
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TYPED OR PRINTED		Signature of PRINCIPAL EXECUTIVE OFFICER or AUTHORIZED AGENT	Area Code Number	MONTH/DAY/YEAR

COMMENT AND EXPLANATION OF ANY VIOLATION (Reference all attachments here.)

[1] Well Treatment and Completion & Workover Fluids are combined with production and not discharged.
N / A: No WTCF this quarter.

Freeport-McMoRan Oil & Gas
201 S. Broadway
Orcutt, Ca 93455

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

CAG280000	004
PERMIT NO.	DISCHARGE NO.

Approved Form
OMB No. 2000-0015

PLATFORM IRENE
LOCATION: 34° 36' 26"N, 120° 43' 40" W

MONITORING PERIOD	
YR MO DAY	YR MO DAY
From: 14 02 01	To: 14 04 30

DECK DRAINAGE (004)
(commingled with produced water)

NOTE: Read instructions before completing this form.

PARAMETER		Quantity or Loading			Quality or Concentration				NO. EX.	Frequency Analysis	Sample Type
			Average	Units	Minimum	Average	Maximum	Units			
DECK DRAINAGE VOLUME-FLOW RATE	Sample Measurement		No Discharge	Mo. Avg. bbl/day							
February	Permit Requirement		Report							1/month	Estimate
	Sample Measurement		No Discharge	Mo. Avg. bbl/day							
March	Permit Requirement		Report							1/month	Estimate
	Sample Measurement		No Discharge	Mo. Avg. bbl/day							
April	Permit Requirement		Report							1/month	Estimate
DECK DRAINAGE FREE OIL	Sample Measurement		**No Discharge**	# Days Sheen Observed	**No Discharge**						
February	Permit Requirement		No Sheen		No free oil/visual sheen on the receiving water.					1/day	Visual - Daylight
	Sample Measurement		**No Discharge**	# Days Sheen Observed	**No Discharge**						
March	Permit Requirement		No Sheen		No free oil/visual sheen on the receiving water.					1/day	Visual - Daylight
	Sample Measurement		**No Discharge**	# Days Sheen Observed	**No Discharge**						
April	Permit Requirement		No Sheen		No free oil/visual sheen on the receiving water.					1/day	Visual - Daylight

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE
David Rose Manager, Environmental, Health and Safety	I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319 (PENALTIES UNDER THESE STATUTES MAY INCLUDE FINES UP TO $10,000 AND OR MAXIMUM IMPRISONMENT OF BETWEEN 6 MONTHS AND 5 YEARS)	David Rose	(805) 934-8220	05 23 2014
TYPED OR PRINTED		Signature of PRINCIPAL EXECUTIVE OFFICER or AUTHORIZED AGENT	Area Code Number	MONTH/DAY/YEAR

COMMENT AND EXPLANATION OF ANY VIOLATION (Reference all attachments here.)

Deck drains are commingled with produced water and are not discharged at this time.

Freeport-McMoRan Oil & Gas
201 S. Broadway
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NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

CAG280000	005
PERMIT NO.	DISCHARGE NO.

Approved Form
OMB No. 2000-0015

PLATFORM IRENE
LOCATION: 34° 36' 26"N, 120° 43' 40" W

MONITORING PERIOD	
YR MO DAY	YR MO DAY
From: 14 02 01	To: 14 04 30

SANITARY & DOMESTIC WASTES (005)
(Commingled)

NOTE: Read instructions before completing this form.

PARAMETER		Quantity or Loading			(4 card only) Quality or Concentration				NO. EX.	Frequency Analysis	Sample Type
		Average	Maximum	Units	Minimum	Average	Maximum	Units			
SANITARY & DOMESTIC WASTES FLOW RATE (Commingled) February	Sample Measurement	34.8		Monthly Average bbl/day					0	1/day	Estimate
	Permit Requirement	Report								1/month	Estimate
March	Sample Measurement	40.0		Monthly Average bbl/day					0	1/day	Estimate
	Permit Requirement	Report								1/month	Estimate
April	Sample Measurement	49.4		Monthly Average bbl/day					0	1/day	Estimate
	Permit Requirement	Report								1/month	Estimate
SANITARY & DOMESTIC WASTES FOAM & FLOATING SOLIDS (Commingled) February	Sample Measurement		0	# days observed	No foam or floating solids in the receiving waters.				0	1/day	Visual - Daylight
	Permit Requirement		0		No foam or floating solids in the receiving waters.					1/day	Visual - Daylight
March	Sample Measurement		0	# days observed	No foam or floating solids in the receiving waters.				0	1/day	Visual - Daylight
	Permit Requirement		0		No foam or floating solids in the receiving waters.					1/day	Visual - Daylight
April	Sample Measurement		0	# days observed	No foam or floating solids in the receiving waters.				0	1/day	Visual - Daylight
	Permit Requirement		0		No foam or floating solids in the receiving waters.					1/day	Visual - Daylight

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE
David Rose Manager, Environmental, Health and Safety	I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (PENALTIES UNDER THESE STATUTES MAY INCLUDE FINES UP TO $10,000 AND OR MAXIMUM IMPRISONMENT OF BETWEEN 6 MONTHS AND 5 YEARS)	David Rose	(805) 934-8220	05 23 2014
TYPED OR PRINTED		Signature of PRINCIPAL EXECUTIVE OFFICER or AUTHORIZED AGENT	Area Code Number	MONTH/DAY/YEAR

COMMENT AND EXPLANATION OF ANY VIOLATION (Reference all attachments here.)

Freeport-McMoRan Oil & Gas
201 S. Broadway
Orcutt, Ca 93455

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

CAG280000	005
PERMIT NO.	DISCHARGE NO.

Approved Form
OMB No. 2000-0015

PLATFORM IRENE
LOCATION: 34° 36' 26"N, 120° 43' 40" W

MONITORING PERIOD	
YR MO DAY	YR MO DAY
From: 14 02 01	To: 14 04 30

SANITARY & DOMESTIC WASTES (005)
(Commingled)

NOTE: Read instructions before completing this form.

PARAMETER		Quantity or Loading			Quality or Concentration				NO. EX.	Frequency Analysis	Sample Type
		Average	Maximum	Units	Minimum	Average	Maximum	Units	(62-63)	(64-68)	(69-70)
DOMESTIC WASTE VOLUME /FOAM N /A (Commingled with Sanitary) February	Sample Measurement				N / A						
	Permit Requirement				No foam in the receiving waters.					1/day	Visual - Daylight
March	Sample Measurement				N / A						
	Permit Requirement				No foam in the receiving waters.					1/day	Visual - Daylight
April	Sample Measurement				N / A						
	Permit Requirement				No foam in the receiving waters.					1/day	Visual - Daylight
SANITARY /DOMESTIC WASTE RESIDUAL CHLORINE [1, 2] February	Sample Measurement				N / A		N / A	mg/l	0	Monthly	Grab
	Permit Requirement				1 mg/l		10 mg/l			Monthly	Grab
March	Sample Measurement				N / A		N / A	mg/l	0	Monthly	Grab
	Permit Requirement				1 mg/l		10 mg/l			Monthly	Grab
April	Sample Measurement				4.2		4.2	mg/l	0	Monthly	Grab
	Permit Requirement				1 mg/l		10 mg/l			Monthly	Grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE
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COMMENT AND EXPLANATION OF ANY VIOLATION (Reference all attachments here.)

[1] *The sewage treatment unit is a marine sanitation device that complies with pollution control standards and regulations under Section 312 of the Clean Water Act. Thus, it is deemed to be in compliance with permit limitations for sanitary waste discharges (as per Condition II.E.1 Footnote 2 of CAG280000)*

[2] The chlorine residual result reported for April was taken as part of the annual Marine Sanitation Device (MSD) inspection.

Freeport-McMoRan Oil & Gas
201 S. Broadway
Orcutt, Ca 93455

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

CAG280000	008
PERMIT NO.	DISCHARGE NO.

Approved Form
OMB No. 2000-0015

PLATFORM IRENE
LOCATION: 34° 36' 26"N, 120° 43' 40" W

MONITORING PERIOD					
YR	MO	DAY	YR	MO	DAY
From: 14	02	01	To: 14	04	30

FIRE CONTROL WATER (008)
[commingled with non-contact cooling water

NOTE: Read instructions before completing this form.

PARAMETER		Quantity or Loading			Quality or Concentration				NO. EX.	Frequency Analysis	Sample Type
			Average	Units	Minimum	Average	Maximum	Units			
FIRE CONTROL SYSTEM TEST WATER (008) - FOAM, FLOATING SOLIDS February	Sample Measurement		0	# Days Observed	No floating solids in the receiving water. No foam in the receiving water.				0	1/day	Visual - Daylight
	Permit Requirement		0		No floating solids in the receiving water. No foam in the receiving water.					1/day	Visual - Daylight
March	Sample Measurement		0	# Days Observed	No floating solids in the receiving water. No foam in the receiving water.				0	1/day	Visual - Daylight
	Permit Requirement		0		No floating solids in the receiving water. No foam in the receiving water.					1/day	Visual - Daylight
April	Sample Measurement		0	# Days Observed	No floating solids in the receiving water. No foam in the receiving water.				0	1/day	Visual - Daylight
	Permit Requirement		0		No floating solids in the receiving water. No foam in the receiving water.					1/day	Visual - Daylight
						Monthly Average	**Daily Maximum**				
FIRE CONTROL SYSTEM TEST WATER (008) CHLORINE[1, 2] February - April	Sample Measurement					0.0012	0.0012	mg/L	0	1/quarter	Grab
	Permit Requirement					0.0054	0.0130			1/quarter	Grab
	Sample Measurement										
	Permit Requirement										
FIRE CONTROL SYSTEM TEST WATER Chemical Inventory February - April	Sample Measurement				See Attachment #2, Chemical Inventory				0	1/month	List
	Permit Requirement				Report					1/month	List

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE
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TYPED OR PRINTED		Signature of PRINCIPAL EXECUTIVE OFFICER or AUTHORIZED AGENT	Area Code Number	MONTH/DAY/YEAR

COMMENT AND EXPLANATION OF ANY VIOLATION (Reference all attachments here.)

[1] Fire control system test water comes from the same source as non-contact cooling water and is commingled and discharged with non-contact cooling water.
[2] Chlorine values reported above are post-dilution per EPA Plumes UM. Chlorine limits are post-dilution as listed in the previous permit, Appendix D since the sample was collected in February. New permit limits will be applied next quarter.

Freeport-McMoRan Oil & Gas
201 S. Broadway
Orcutt, Ca 93455

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

CAG280000	009
PERMIT NO.	DISCHARGE NO.

Approved Form
OMB No. 2000-0015

PLATFORM IRENE
LOCATION: 34° 36' 26"N, 120° 43' 40" W

MONITORING PERIOD	
YR MO DAY	YR MO DAY
From: 14 02 01	To: 14 04 30

NON-CONTACT COOLING WATER (009)
(Commingled with Fire Water)

NOTE: Read instructions before completing this form.

PARAMETER		Quantity or Loading			Quality or Concentration				NO. EX.	Frequency Analysis	Sample Type
			Average	Units	Minimum	Average	Maximum	Units			
NON-CONTACT COOLING WATER (009) - FLOW VOLUME	Sample Measurement		150	Barrels/ Day					0	1/month	Estimate
February	Permit Requirement		Report							1/month	Estimate
	Sample Measurement		150	Barrels/ Day					0	1/month	Estimate
March	Permit Requirement		Report							1/month	Estimate
	Sample Measurement		150	Barrels/ Day					0	1/month	Estimate
April	Permit Requirement		Report							1/month	Estimate
NON-CONTACT COOLING WATER (009) - FOAM FLOATING SOLIDS	Sample Measurement		0	# Days Observed	No floating solids in the receiving water. No foam in the receiving water.				0	1/day	Visual - Daylight
February	Permit Requirement		0		No floating solids in the receiving water. No foam in the receiving water.					1/day	Visual - Daylight
	Sample Measurement		0	# Days Observed	No floating solids in the receiving water. No foam in the receiving water.				0	1/day	Visual - Daylight
March	Permit Requirement		0		No floating solids in the receiving water. No foam in the receiving water.					1/day	Visual - Daylight
	Sample Measurement		0	# Days Observed	No floating solids in the receiving water. No foam in the receiving water.				0	1/day	Visual - Daylight
April	Permit Requirement		0		No floating solids in the receiving water. No foam in the receiving water.					1/day	Visual - Daylight

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE
David Rose Manager, Environmental, Health and Safety	I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS. SEE 18 U.S.C. & 1001 AND 33 U.S.C. & 1319. (PENALTIES UNDER THESE STATUTES MAY INCLUDE FINES UP TO $10,000 AND OR MAXIMUM IMPRISONMENT OF BETWEEN 6 MONTHS AND 5 YEARS)	David Rose	(805) 934-8220	05 23 2014
TYPED OR PRINTED		Signature of PRINCIPAL EXECUTIVE OFFICER or AUTHORIZED AGENT	Area Code Number	MONTH/DAY/YEAR

COMMENT AND EXPLANATION OF ANY VIOLATION (Reference all attachments here.)

Freeport-McMoRan Oil & Gas
201 S. Broadway
Orcutt, Ca 93455

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

CAG280000	009
PERMIT NO.	DISCHARGE NO.

Approved Form
OMB No. 2000-0015

PLATFORM IRENE
LOCATION: 34° 36' 26"N, 120° 43' 40" W

MONITORING PERIOD					
YR	MO	DAY	YR	MO	DAY
From: 14	02	01	To: 14	04	30

NON-CONTACT COOLING WATER (009)
[Commingled with Fire Water]

NOTE: Read instructions before completing this form.

PARAMETER		Quantity or Loading			Quality or Concentration				NO. EX.	Frequency Analysis	Sample Type
			Average	Units	Minimum	Monthly Average	Daily Maximum	Units			
NON-CONTACT COOLING WATER (009) - CHLORINE [1,2]	Sample Measurement					0.0012	0.0012	mg/L	0	1/quarter	Grab
February - April	Permit Requirement					0.0054	0.0130			1/quarter	Grab
NON-CONTACT COOLING WATER (009) CHEMICAL INVENTORY	Sample Measurement				See Attachment #2, Chemical Inventory				0	1/month	List
February - April	Permit Requirement				Report					1/month	List

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE
David Rose Manager, Environmental, Health and Safety	I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS. SEE 18 U.S.C. & 1001 AND 33 U.S.C. & 1319 (PENALTIES UNDER THESE STATUTES MAY INCLUDE FINES UP TO $10,000 AND OR MAXIMUM IMPRISONMENT OF BETWEEN 6 MONTHS AND 5 YEARS)	David Rose	(805) 934-8220	05 23 2014
TYPED OR PRINTED		Signature of PRINCIPAL EXECUTIVE OFFICER or AUTHORIZED AGENT	Area Code Number	MONTH/DAY/YEAR

COMMENT AND EXPLANATION OF ANY VIOLATION (Reference all attachments here.)

[1] Fire control system test water comes from the same source as non-contact cooling water and is commingled and discharged with non-contact cooling water.
[2] Chlorine values reported above are post-dilution per EPA Plumes UM. Chlorine limits are post-dilution as listed in the previous permit, Appendix D since the sample was collected in February. New permit limits will be applied next quarter.

Freeport-McMoRan Oil & Gas
201 S. Broadway
Orcutt, Ca 93455

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

WELL DISCHARGE MONITORING REPORT (Well DMR)

CAG280000	019
PERMIT NO.	DISCHARGE NO.

Approved Form
OMB No. 2000-0015

PLATFORM IRENE
LOCATION: 34° 36' 26"N, 120° 43' 40" W

MONITORING PERIOD	
YR MO DAY	YR MO DAY
From: 14 02 01	To: 14 04 30

EXCESS CEMENT SLURRY (019)

NOTE: Read instructions before completing this form.

PARAMETER		Quantity or Loading			Quality or Concentration				NO. EX.	Frequency Analysis	Sample Type
			Average	Units	Minimum	Average	Maximum	Units			
EXCESS CEMENT SLURRY (019) FLOW VOLUME	Sample Measurement		No Discharge	Monthly Average bbl/day							
February - April	Permit Requirement		Report							1/month	Estimate
EXCESS CEMENT SLURRY (019) ANNUAL CUMULATIVE VOLUME [1]	Sample Measurement		125	Barrels/ Year					0		
03/01/2013 - 02/28/2014	Permit Requirement		2,500								
EXCESS CEMENT SLURRY (019) ANNUAL CUMULATIVE VOLUME [1]	Sample Measurement		0	Barrels/ Year					0		
03/01/2014 - 02/28/2015	Permit Requirement		2,500								
EXCESS CEMENT SLURRY (019) SHEEN TEST/FREE OIL FOAM, FLOATING SOLIDS	Sample Measurement		No Discharge	# Days Sheen Observed	No Discharge						
February	Permit Requirement		0		No foam or floating solids No Oil					1/well 1/day	Visual Rec. Water
	Sample Measurement		No Discharge	# Days Sheen Observed	No Discharge						
March	Permit Requirement		0		No foam or floating solids No Oil					1/well 1/day	Visual Rec. Water
	Sample Measurement		No Discharge	# Days Sheen Observed	No Discharge						
April	Permit Requirement		0		No foam or floating solids No Oil					1/well 1/day	Visual Rec. Water

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE
David Rose Manager, Environmental, Health and Safety	I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS. SEE 18 U.S.C. & 1001 AND 33 U.S.C. & 1319 (PENALTIES UNDER THESE STATUTES MAY INCLUDE FINES UP TO $10,000 AND OR MAXIMUM IMPRISONMENT OF BETWEEN 6 MONTHS AND 5 YEARS)	David Rose	(805) 934-8220	05 23 2014
TYPED OR PRINTED		Signature of PRINCIPAL EXECUTIVE OFFICER or AUTHORIZED AGENT	Area Code Number	MONTH/DAY/YEAR

COMMENT AND EXPLANATION OF ANY VIOLATION (Reference all attachments here.)

[1] Annual cumulative volume limit is applied to the cumulative volumes for the periods of March 2013 through February 2014, and March 2014 through February 2015.

Due to the new permit, this DMR includes the first month of the new annual cumulative volume period. Therefore, annual cumulative volumes for two separate periods are recorded.

Freeport-McMoRan Oil & Gas
201 S. Broadway
Orcutt, Ca 93455

PLATFORM IRENE
LOCATION: 34° 36' 26"N, 120° 43' 40" W

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

CAG280000	006,007,010,011,012,013,014
PERMIT NO.	DISCHARGE NO.

MONITORING PERIOD	
YR MO DAY	YR MO DAY
From: 14 02 01	To: 14 04 30

Approved Form
OMB No. 2000-0015

Blowout Preventer Fluids
Desalination Unit
Ballast/Storage Displacement
Bilge Water
Boiler Blowdown
Test Fluids
Diatomaceous Earth Filter Media

NOTE: Read instructions before completing this form.

PARAMETER		Quantity or Loading			Quality or Concentration				NO. EX.	Frequency Analysis	Sample Type
		Average	Maximum	Units	Minimum	Average	Maximum	Units			
(006) Blowout Preventer Fluids FREE OIL, FOAM, FLOATING SOLIDS	Sample Measurement				**No Discharge**						
February - April	Permit Requirement				No free oil or floating solids in the receiving water. No foam, in other than trace amounts, in the receiving water.					1/month 1/discharge	Visual Rec. Water
(007) Desalination Unit FOAM, FLOATING SOLIDS	Sample Measurement				No floating solids in the receiving water. No foam, in other than trace amounts, in the receiving water.				0	1/month 1/discharge	Visual Rec. Water
February - April	Permit Requirement				No floating solids in the receiving water. No foam, in other than trace amounts, in the receiving water.					1/month 1/discharge	Visual Rec. Water
(010) Ballast/Storage Displacement Water - FLOW RATE FREE OIL, FOAM, FLOATING SOLIDS	Sample Measurement	**No Discharge**		Monthly Average bbl/day	**No Discharge**						
February - April	Permit Requirement	Report			No free oil or floating solids in the receiving water. No foam, in other than trace amounts, in the receiving water.					1/month 1/discharge	Estimate / Visual Daylight
(011) Bilge Water FLOW RATE	Sample Measurement	**No Discharge**		Monthly Average bbl/day	**No Discharge**						
February - April	Permit Requirement	Report			No free oil or floating solids in the receiving water. No foam, in other than trace amounts, in the receiving water.					1/month 1/discharge	Estimate
(012) Boiler Blowdown FOAM, FLOATING SOLIDS	Sample Measurement				**No Discharge**						
February - April	Permit Requirement				No floating solids in the receiving water. No foam, in other than trace amounts, in the receiving water.					1/month 1/discharge	Visual Rec. Water
(013) Test Fluids * FLOW RATE FREE OIL, FOAM, FLOATING SOLIDS	Sample Measurement	**No Discharge**		Monthly Average bbl/day	**No Discharge**						
February - April	Permit Requirement	Report			No free oil or floating solids in the receiving water. No foam, in other than trace amounts, in the receiving water.					1/month 1/discharge	Estimate / Visual Daylight
(014) Diatomaceous Earth Filter Media FREE OIL, FOAM, FLOATING SOLIDS	Sample Measurement				**No Discharge**						
February - April	Permit Requirement				No free oil or floating solids in the receiving water. No foam, in other than trace amounts, in the receiving water.					1/month 1/discharge	Visual Rec. Water

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE
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TYPED OR PRINTED		Signature of PRINCIPAL EXECUTIVE OFFICER or AUTHORIZED AGENT	Area Code Number	MONTH/DAY/YEAR

COMMENT AND EXPLANATION OF ANY VIOLATION (Reference all attachments here.)

* See Attachment 2 for Chemical Inventory, if discharged and chemically treated.

Freeport-McMoRan Oil & Gas
201 S. Broadway
Orcutt, Ca 93455

PLATFORM IRENE
LOCATION: 34° 36' 26"N, 120° 43' 40" W

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

CAG280000	015, 016, 017, 018, 020, 021
PERMIT NO.	DISCHARGE NO.

MONITORING PERIOD	
YR MO DAY	YR MO DAY
From: 14 02 01	To: 14 04 30

Approved Form
OMB No. 2000-0015

Bulk Water Transfer Overflow
Uncontaminated Water
Water Flooding Discharges
Laboratory Wastes (commingled with produced water)
Muds, Cuttings, Cement at Sea
Hydrotest Water

NOTE: Read instructions before completing this form.

PARAMETER		Quantity or Loading			Quality or Concentration				NO. EX.	Frequency Analysis	Sample Type
			Average	Units	Minimum	Average	Maximum	Units			
(015) Bulk Transfer Water Overflow FOAM, FLOATING SOLIDS	Sample Measurement				No Discharge						
February - April	Permit Requirement				No floating solids in the receiving water. No foam, in other than trace amounts, in the receiving water.					1/month 1/discharge	Visual Rec. Water
(016) Uncontaminated Water FOAM, FLOATING SOLIDS	Sample Measurement				No Discharge						
February - April	Permit Requirement				No floating solids in the receiving water. No foam, in other than trace amounts, in the receiving water.					1/month 1/discharge	Visual Rec. Water
(017) Water Flooding Discharges FREE OIL, FOAM, FLOATING SOLIDS*	Sample Measurement				No Discharge						
February - April	Permit Requirement				No free oil or floating solids in the receiving water. No foam, in other than trace amounts, in the receiving water.					1/month 1/discharge	Visual Rec. Water
(018) Laboratory Wastes FREE OIL, FOAM, FLOATING SOLIDS (commingled with produced water)	Sample Measurement				N/A (refer to produced water requirements)						
February - April	Permit Requirement				No free oil or floating solids in the receiving water. No foam, in other than trace amounts, in the receiving water.					1/month 1/discharge	Visual Rec. Water
(020) Muds, Cuttings, Cement at Sea Floor FREE OIL, FOAM, FLOATING SOLIDS	Sample Measurement				No Discharge						
February - April	Permit Requirement				No free oil or floating solids in the receiving water. No foam, in other than trace amounts, in the receiving water.					1/month 1/discharge	Visual Rec. Water
(021) Hydrotest Water * FLOW RATE /FREE OIL, FOAM FLOATING SOLIDS	Sample Measurement	No Discharge		Monthly Average bbl/day	No Discharge						
February - April	Permit Requirement	Report			No free oil or floating solids in the receiving water. No foam, in other than trace amounts, in the receiving water.					1/month 1/discharge	Visual Rec. Water
(021) Hydrotest Water * CHLORINE	Sample Measurement			Monthly Average bbl/day		No Discharge	No Discharge				
February - April	Permit Requirement	Report				N/A	N/A			1/month 1/discharge	Visual Rec. Water

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE
David Rose Manager, Environmental, Health and Safety	I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS. SEE 18 U.S.C. & 1001 AND 33 U.S.C. & 1319. (PENALTIES UNDER THESE STATUTES MAY INCLUDE FINES UP TO $10,000 AND OR MAXIMUM IMPRISONMENT OF BETWEEN 6 MONTHS AND 5 YEARS)	David Rose	(805) 934-8220	05 23 2014
TYPED OR PRINTED		Signature of PRINCIPAL EXECUTIVE OFFICER or AUTHORIZED AGENT	Area Code Number	MONTH/DAY/YEAR

COMMENT AND EXPLANATION OF ANY VIOLATION (Reference all attachments here.)

* See Attachment 2 for Chemical Inventory, if discharged and chemically treated.

Freeport-McMoRan Oil & Gas
201 S. Broadway
Orcutt, Ca 93455

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(2-16)	(17-19)
CAG280000	022
PERMIT NO.	DISCHARGE NO.

Approved Form
OMB No. 2000-0015

PLATFORM IRENE
LOCATION: 34° 36' 26"N, 120° 43' 40" W

MONITORING PERIOD	
YR MO DAY	YR MO DAY
From: 14 02 01	To: 14 04 30

H2S Gas Processing Waste Water

NOTE: Read instructions before completing this form.

PARAMETER		Quantity or Loading			Quality or Concentration				NO. EX.	Frequency Analysis	Sample Type
		Average	Maximum	Units	Minimum	Average	Maximum	Units			
[022] H2S Gas Processing Waste Water FLOW RATE	Sample Measurement	No Discharge		Monthly Average bbl/day							
February - April	Permit Requirement	Report								1/discharge	Estimate
[022] H2S Gas Processing Waste Water FREE OIL, FOAM, FLOATING SOLIDS	Sample Measurement				No Discharge						
February - April	Permit Requirement				No free oil or floating solids in the receiving water. No foam, in other than trace amounts, in the receiving water.					1/discharge	Visual - Daylight
Surfactants, Detergents, Dispersants	Sample Measurement					Minimized			0		
	Permit Requirement					Minimize					

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE	DATE
David Rose Manager, Environmental, Health and Safety	I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS. SEE 18 U.S.C. & 1001 AND 33 U.S.C. & 1319. (PENALTIES UNDER THESE STATUTES MAY INCLUDE FINES UP TO $10,000 AND OR MAXIMUM IMPRISONMENT OF BETWEEN 6 MONTHS AND 5 YEARS)	David Rose	(805) 934-8220	05 23 2014
TYPED OR PRINTED		Signature of PRINCIPAL EXECUTIVE OFFICER or AUTHORIZED AGENT	Area Code Number	MONTH/DAY/YEAR

COMMENT AND EXPLANATION OF ANY VIOLATION (Reference all attachments here.)

Attachment 2

Chemical Inventory

ATTACHMENT 2
PLATFORM IRENE
MISCELLANEOUS DISCHARGES
CHEMICAL INVENTORY
February 1, 2014 through April 30, 2014

Fluid Type	Volume (Monthly avg bbls per day)	Product Name	Estimated Chemical Quantity [1] (Monthly avg gal per day)	Average End-of-Pipe Concentration (mg/l)
009 Non-contact Cooling Water [2]		Chlorine		
February	150		0.003	0.4
March	150		0.003	0.5
April	150		0.003	0.5
008 Fire Control System Water [2]		Chlorine		
February	28,593		0.480	0.4
March	6,809		0.143	0.5
April	6,812		0.143	0.5
013 Test Fluids	No Discharge	N / A	None	None
017 Water Flooding Discharges	No Discharge	N / A	None	None
021 Hydrotest Water	No Discharge	N / A	None	None

[1] End-of-pipe concentration and chemical quantity calculated with Operations daily monitoring results using a non-EPA chlorine test method (Hach DPD Color Wheel). This method is not an official EPA test method, but using this data better represents the chemical inventory values from month to month since the official EPA test method is required only quarterly.

[2] Non-contact cooling water and Fire control system water discharges are combined (refer to cover letter).

N / A: No treatment chemicals used / no discharge.

Attachment 3

Non-Contact Cooling Water / Fire Water Chlorine Results

ATTACHMENT 3
PLATFORM IRENE
QUARTERLY NON-CONTACT COOLING / FIRE WATER CHLORINE RESULTS
February 1, 2014 through April 30, 2014

Discharge	Measurement Frequency	Average Monthly Limit [1] Post Dilution (mg/l)	Maximum Daily Limit [1] Post Dilution (mg/l)	Result Post Dilution (mg/l)	End-of-Pipe Concentration (EPA Method 330.5) (mg/l)	EPA Plumes Dilution
Sample Date: 02/28/14						
008/009 Non-contact Cooling Water and Fire Control System Water combined	Once/Quarter	0.00539	0.013	0.0012	0.15	122:1

[1] Chlorine values reported above are post-dilution per EPA Plumes UM. Chlorine limits are post-dilution as listed in the previous permit, Appendix D. New permit limits will be applied next quarter.

Non-contact cooling water and fire water discharges are combined (refer to cover letter).

Attachment 4

Laboratory Reports

Laboratory Quality Control Reports

LTS ENVIRONMENTAL, INC.

Freeport McMoRan Oil & Gas
201 S. Broadway
Orcutt, Ca 93455

March 12, 2014

Attn: David Rose

Quarterly NPDES chlorine residual result on the fire water / non-contact cooling water discharge was as follows:

Sample Date / Time	**Location**	**Total Chlorine Residual** *(EPA Method 330.5)*
	Platform Irene	End of Pipe
February 28, 2014 @ 0815 hrs	Firewater / Non contact cooling water combined	0.15 mg/l
LTS Meter S/N: 12040E195572 Technician: Mike Apple		Method Blank < 0.05 mg/l

S.G. Lawry
Environmental Specialist / LTS

704 Adirondack Ave. • Ventura, Ca 93003 • (805) 644-4560 • Fax (805) 644-4560

LTS ENVIRONMENTAL, INC.

Freeport-McMoRan O&G
201 S. Broadway
Orcutt, Ca 93455

April 23, 2014

Attn: David Rose

As part of the Annual Marine Sanitation Device (MSD) Inspection, and to ensure proper operation of the device, LTS Environmental performed an EPA-approved chlorine residual on the effluent. Results of this test are as follows:

Sample Date / Time	Location	Total Chlorine Residual *(EPA Method 330.5)*
April 17, 2014 @ 1830 hrs	Platform Irene Sewage Effluent Omnipure 12MX-MP (SN 91-12MX-187)	4.2 mg/l
LTS Meter S/N: 12040E195572		Method Blank < 0.02 mg/l

Technician: Cole Jenkins

S.G. Lawry
Environmental Specialist / LTS

704 Adirondack Ave. • Ventura, Ca 93003 • (805) 644-4560 • Fax (805) 644-4560

LTS ENVIRONMENTAL, INC.

August 13, 2013

Quality Control

As part of the annual in-house quality control chlorine meter check and to ensure proper operation of the meters, LTS Environmental performed a total residual chlorine test with a known value obtained from RT Corporation. Results of this test are as follows:

Test Date August 12, 2013	**Total Residual Chlorine** *(EPA Method 330.5)*
LTS meter (SN 041200088375)	**2.78 mg/l**
LTS meter (SN 12040E195572)	**2.74 mg/l**
RT Corporation test sample:	
Certified Value	2.35 mg/l (+/-.0508)
Standard Deviation	0.208 mg/l
Acceptance Limits	**1.73 – 2.98 mg/l**
	Method Blank < 0.05 mg/l
LTS Lead Technician: Mike Apple	

S.G. Lawry
Environmental Specialist
President, LTS

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