

United States Department of the Interior

MINERALS MANAGEMENT SERVICE Minerals Revenue Management P.O. Box 25165 Denver, Colorado 80225-0165 www.mrm.mms.gov



AUG 1 3 2002

(Address)

Dear (Title, Name):

The Minerals Management Service (MMS) has selected one or more offshore Federal leases in the Gulf of Mexico (GOM) that you operate to be included in a Royalty in Kind (RIK) program in which we will take crude oil royalties in kind beginning October 1, 2002.

This letter provides the procedures and establishes the terms and conditions under which the United States (Lessor) will take crude oil royalties in kind. Our authority is the Outer Continental Shelf Lands Act of 1953 (43 U.S.C. § 1353) and the royalty provisions contained in your Federal lease. For the purposes of this letter, Royalty Oil means the Federal lease oil and condensate production multiplied by the lease royalty rate. The volumes of Royalty Oil taken in kind by the Lessor will reflect and be consistent with all grants of royalty relief.

Term

The Lessor will take all Royalty Oil in kind from the properties listed in the enclosure beginning October 1, 2002, and will continue taking royalties in kind until we notify you that in-kind status is terminated. We will provide Lessees and Operators with at least a 45-day prior written notice of termination of in-kind status.

Royalty Oil Delivery

The delivery points for Royalty Oil produced from the properties is at the FMP or first interconnect into a main pipeline, as identified in the enclosure. The Lessor will take custody and responsibility for Royalty Oil at the delivery point. You can be reimbursed for transportation and quality bank debits or credits of Royalty Oil to any delivery points identified in the enclosure that are downstream of the FMP. You will be required to report quality bank debits and credits for properties identified as flowing down the Bonito Pipeline, as allowed in applicable MMS regulations, on the Report of Sales and Royalty Remittance (Form MMS-2014).

Royalty Oil must be placed in marketable condition at no cost to the Lessor. Marketable condition means the condition generally acceptable to purchasers in the field or area. Questions on marketable condition should be directed to the Lessor's points of contact identified in this letter.



You must deliver all Royalty Oil from the selected leases, including Royalty Oil from newly producing wells on these leases. During the in-kind period, you will make the best effort to notify the Lessor's designated point of contact of new oil production flowing to the FMP identified in the enclosure. Royalty Oil from such new properties will be added to the RIK volumes at the existing delivery points only upon mutual consent of the purchaser and the Lessor.

Fulfillment of Royalty Obligations

Delivery of the accurate volume of Royalty Oil (taking into account the effects of normal operational imbalances) in accordance with the terms of this letter will satisfy in full the Lessee's royalty obligation to the Lessor.

For properties where the Lessee has applied for deepwater royalty rate relief, you may use the proposed royalty rate in the interim before MMS/Offshore Minerals Management (OMM) approves the reduction. If OMM does not approve the royalty rate reduction, the resulting imbalance will be resolved in the same manner as described below for imbalances not remedied within 90 days (see "Balancing Account and Imbalances").

All rent or minimum royalty obligations remain the responsibility of the Lessee. If the Lessee owes minimum royalties, the Lessor will issue a bill including information supporting the calculation. The Lessee will have 30 days to review the bill and make payment or appeal the bill.

Lessor's Obligation to Take

We agree to take 100 percent of the Royalty Oil delivered to the delivery point for the account of the Lessor. Using reasonable and customary industry practices, we will try to minimize imbalances with you and the Lessees.

To facilitate timely and accurate custody transfer of Royalty Oil, we will communicate with you regarding arrangements for the transfer of Royalty Oil from the delivery point. The Lessee will not incur royalty-related penalties because of the Lessor's failure to take delivery of oil volumes as communicated by the Operator.

Communication with Lessor

No later than 10 calendar days before the first day of each month, you must notify the Lessor in writing via facsimile (303-231-3846) or e-mail addressed to our mailbox (rik.project@mms.gov) of the daily Royalty Oil volumes (Avails) anticipated for the following month of production for each of the delivery points identified in the enclosure. On this same schedule, for each of the delivery points, you will also provide any anticipated volume adjustments to resolve previous months' imbalances. The total volumes to be delivered to our purchaser at each of the delivery

points must be indicated on the same schedule as a **volume net** of anticipated production plus or minus any adjustments. The Lessor understands that any such estimates are not warranties of actual deliveries but are provided to facilitate planning.

You must also use reasonable efforts, consistent with industry practice, to inform the Lessor as soon as practical regarding significant changes to the information listed in the enclosure; e.g., oil production levels, oil type, and/or royalty rates for the RIK contract properties.

Volume Reconciliation

You must send all volume allocation schedules provided to pipeline companies that address crude oil volumes at the delivery points in the enclosure to MMS within 5 days of their submittal to the pipeline companies.

You, as the Operator, must provide the lease imbalance statement to MMS no later than 45 days after the end of the month of production, unless MMS approves an alternative timeframe for submission of the statement. We will monitor and reconcile royalty entitlements with the Royalty Oil deliveries you make. Reconciliation will involve communication between you and the Lessor. Upon project termination, you, as the Operator must issue a final oil imbalance statement. You will settle in accordance with the section "Balancing Account and Imbalances." Volume allocation schedules and lease imbalance statements should be submitted to the <u>rik.project@mms.gov</u> mailbox.

Balancing Account and Imbalances

You and MMS will jointly monitor imbalances between delivered and entitled volumes of Royalty Oil. You will take timely action to remedy such imbalances through adjustments to Royalty Oil volumes delivered to MMS. Such volume adjustments will be identified in your communication of Royalty Oil volumes anticipated before the month of production (see above under "Communication with Lessor").

Imbalances will be remedied in the production month following the month that the imbalance is identified. Imbalances not remedied within 90 days of the end of the production month will be resolved as follows:

- Mutually agreed upon make-up delivery schedule, or
- Cash out payment based on the contract price (at the delivery point) that MMS actually received (or would have received) from its Purchaser during the month or months that the imbalance occurred. Interest will accrue from 60 days after notification that cash out payment is due.

When the lease is no longer taken in kind or after cessation of production from a lease, imbalances will be cashed out based on the MMS contract price (at the delivery point) for the last month the lease is taken in kind. Interest will accrue from 60 days after the final month of delivery. Imbalances remaining at the time of any sale/assignment of properties identified in the enclosure will be settled in compliance with your Purchase and Sale Agreement assignments. Imbalance provisions will be reviewed six months from initial contract date.

Reporting

You must continue to report crude oil production on the Oil and Gas Operations Report (OGOR) under requirements specified in MMS regulations and the MMS *Minerals Revenue Reporter Handbook* at <u>http://www.mrm.mms.gov/ReportingServices/PDFDocs/RevenueHandbook.pdf</u>. You will not be required to report Royalty Oil for the RIK properties listed in the enclosure on the Form MMS-2014 for the term during which the Lessor takes royalty in kind. Reporting does not change for non-RIK leases.

Lessor's Designee

The Lessor may act by or through a duly authorized designee. In such event, we will provide prior written notification of a designee, including the person to contact. Notification will include specific duties that will be handled by the designee on our behalf. The Lessor also will provide written notification when the designee is no longer authorized to act on our behalf for the purposes of this letter. You are authorized to communicate with the designee as specified in the notification. You will not be required to direct communications to both the Lessor and our designee.

For purposes of this letter, if we notify you that we will use a designee in the contract, references to the Lessor shall refer to such designee. The designee will agree in writing to comply with all provisions of this letter that are applicable to the Lessor when the designee acts on our behalf.

Audit

The Lessor may audit your records regarding all information relevant to volumes and qualities of Royalty Oil produced, measured, delivered, and, if applicable, transported. We reserve the right to examine your financial records for the subject properties related to any transportation allowances and quality banks prior to the delivery point.

Lessees, Operators, and revenue payors must maintain all records of transactions mentioned in the above paragraph in accordance with the Federal Oil and Gas Royalty Simplification and Fairness Act of 1996 (Public Law 104-185 Section 115(f)).

Lessor's Point of Contact

Copies of all correspondence between the Operator and Lessor should be kept on file by the Operator. Points of contact for the Lessor are listed below:

• Volume Avails (Anticipated Volumes), Volume Allocation Schedules, and Operator Imbalance Statements:

Mr. Herbert Buskirk (SPR) Telephone: 303-231-3691; Fax: 303-231-3846 E-mail: <u>Herbert.Buskirk@mms.gov</u> or;

Mr. Allen Vigil (SPR) Telephone: 303-231-3098; Fax 303-231-3846 E-mail: <u>Allen.Vigil@mms.gov</u>

Ms. Faye Stewart (Small Refiner) Telephone: 281-987-6825; Fax: 281-987-6808 E-mail: <u>Berlinda.Stewart@mms.gov</u> • New Lease Production:

Ms. Crystel Tobar Telephone: 303-231-3126; Fax: 303-231-3846; E-mail: <u>Crystel.Tobar@mms.gov</u> or;

Mr. Richard Fantel Telephone: 303-231-3502; Fax: 303-231-3846; E-mail: <u>Richard.Fantel@mms.gov</u>

- Reporting Issues: Mr. Andy Sandoval Telephone: 303-231-3777; Fax: 303-231-3700 E-mail: <u>Alfonso.Sandoval@mms.gov</u>
- Electronic Funds Transfer: Mr. Joe Romero Telephone: 303-231-3123; Fax: 303-231-3501; E-mail: Joseph.Romero@mms.gov

We acknowledge that you and the Lessees have given proper notice when using the telephone number or fax number provided to communicate with us. Any telephone communication regarding volumes must be confirmed by fax or e-mail no later than 1 business day after telephone communication occurs. We further agree to make arrangements to receive such communications regarding oil scheduling issues during normal business hours. You and the Lessees should communicate with one of the points of contact to answer any further questions.

The Paperwork Reduction Act

The Paperwork Reduction Act of 1995 requires us to inform you that this information is being collected by MMS to document fulfillment of royalty obligations on minerals removed from Federal lands and that we will use this information to maintain and audit lease accounts. We estimate the burden for reporting is 10 minutes per property per month. Comments on the accuracy of this estimate or suggestions for reducing this burden should be directed to the Information Collection Clearance Officer, Minerals Management Service, 1849 C Street, NW, MS 4230, Washington, DC 20240. Proprietary information submitted to the U.S. Department of the Interior is protected in accordance with standards established by the Federal Oil and Gas Royalty Management Act of 1982 (30 U.S.C. 1733), the Freedom of Information Act (5 U.S.C. 552(1,) (4)), and the Departmental Regulations (43 CFR 2). 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 OMB control number.

Sincerely,

ofs Milton K. Dial

Milton K. Dial Assistant Program Director for Royalty In Kind

Enclosure

	Minerals Management Service											
					Royalty in K	ind Listing of P	ropert	ies				
					Beginn	ng October 1, 2	2002					
Producing MMS Lease or Unit Agre. No.	Common Industry Name	Royalty Oil Type	Gulf Coast Market Center	Offshore Delivery Point	Volume Metered at	MMS Facility Measurement Point No.	Area	Blk	Operator	MMS Purchaser	Program	
754-399005-A	Petronius	HLS	Empire	VK 786 A	VK 786 A	20608165116	VK	786	Chevron Texaco	Chevron Texaco	SPR	
054-002625-0 054-009637-0 054-014518-0		HLS	Empire	ST 37 J	ST 37 J	2017715360E	ST ST ST	37 38 48	Chevron Texaco Chevron Texaco Chevron Texaco	Chevron Texaco	SPR	
054-005825-0 054-009777-0 054-018192-0	Amberjack	HLS	Empire	SP 50 SSTI	MC 109	20608174952	MC MC MC	108	BP Amoco BP Amoco BP Amoco	Equiva	SPR	
054-008785-0 754-396011-A 054-008797-0	Marlin	HLS	Empire	MP 69	VK 915	20608165114	VK VK MC	915	BP Amoco BP Amoco BP Amoco	Chevron Texaco	SPR	
754-393003-A 054-013065-0	Neptune	HLS	Empire	MP 69	VK 826	20608165111	VK VK	826 869	Kerr-McGee O&G Kerr-McGee O&G	Chevron Texaco	SPR	
054-001240-0 054-001241-0 054-002624-0 054-003336-0 054-002625-0 054-013928-0		HLS	Empire	ST 52 C	ST 52 C	2017715360A	ST ST ST ST ST ST	51 52 36 35 37 30	Chevron Texaco Chevron Texaco Chevron Texaco Chevron Texaco Chevron Texaco Chevron Texaco	Chevron Texaco	SPR	
054-001106-0 054-002161-0 054-003182-0		HLS	Empire	WD 133 B	WD 133 B	20177203900	WD GI GI	133 76 75	BP Amoco Forest Oil Corp. Forest Oil Corp.	Chevron Texaco	SPR	
054-001101-0 054-009690-0		HLS	Empire	Venice, LA	WD 117	20177204300	WD WD	117 118	Chevron Texaco Chevron Texaco	Chevron Texaco	SPR	
055-000840-0 055-000841-0 055-000842-0		HLS	Empire	WD 104 C	WD 104 C	20177193903	WD WD WD	104	Apache Corp. Apache Corp. Apache Corp.	Equiva	SPR	
054-004126-0 054-008467-0 054-008760-0 054-016520-0 891-020244-0		HLS	Empire	MP 310 A	MP 310 A	20177245115	MP MP MP MP MP	315 309 312	Shell Offshore Inc. Shell Offshore Inc. Shell Offshore Inc. Shell Offshore Inc. Shell Offshore Inc.	Chevron Texaco	SPR	

MMSL solver Name Oli Type Market Oli Type Volume Market Painton Name Income MMS purchase Program 064-00161-0 SP 65 A SP 65 A SP 65 A 2017721610 SP 64 Ocean Energy, Inc. Chowon Toxaco SP 65 A 2017721610 SP 65 A Coan Energy, Inc. Chowon Toxaco SP 65 A 2017721610 SP 65 A Coan Energy, Inc. Chowon Toxaco SP 65 A 2017724516 SP 65 A Coan Energy, Inc. Chowon Toxaco SP 65 A Coan Energy, Inc. SP 65 A Coan	Producing Co	ommon		Gulf Coast			MMS Facility					
Unit Area Name Oit Type Center Delivery Point Metered at Point No. Area Bit Operator MMS Purchaser Program 0654-001910-0 HLS Empire SP 66 A SP 66 A Ocean Energy, Inc. Chevron Texaco SPR 0654-00196-0 H HS Cean Energy, Inc. Chevron Texaco SPR 0654-00196-0 H HS Cean Energy, Inc.					Offshore	Volume						
064-001901-0 Image: Market Marke	Unit Agre. No.	Name		Center	Delivery Point	Metered at	Point No.	Area	Blk	Operator	MMS Purchaser	Program
064-001901-0 Image: Market Marke	054-001610-0		HLS	Empire	SP 65 A	SP 65 A	20177215102	SP	65	Ocean Energy, Inc.	Chevron Texaco	SPR
054-001966-0 MP 153 Ocean Energy, Inc. MP 153 Ocean Energy, Inc. 801-01232-0 N N N SP 65 Ocean Energy, Inc. N N 801-01232-0 N N SP 65 Ocean Energy, Inc. N N N 801-01233-0 N N SP 65 Ocean Energy, Inc. N <td></td>												
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054-002940-0 0 Image: Market	054-001667-0							IVIP	290	Apache Corp.		
054-002940-0 0 Image: Market	054-002184-0		HLS	Empire	SP 77 A	SP 77 A	20177224701	SP	77	Chevron Texaco	Equiva	SPR
054-002941-0 EI St. James SM 128 A SM 128 A SP 58 Chevron Texaco Few on Texaco SPR 054-002882-0 A EI St. James SM 128 A SM 128 A SV 177082951 SM 125 Devon Energy Chevron Texaco SPR 054-002382-0 A Bonito St. James EI 360 E Clarity SM 121 D Devon Energy El 300 Chevron Texaco Equiva SPR 054-002324-0 A Bonito St. James EI 360 E Clarity Clarity SPR SSR 141 Devon Energy El 300 Chevron Texaco				Linpiro	0	0	20111221101				Equita	U. I.
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064-002882-0 M M M 125 Devon Energy M <td>054-002587-0</td> <td></td> <td>EI</td> <td>St. James</td> <td>SM 128 A</td> <td>SM 128 A</td> <td>20177082951</td> <td>SM</td> <td>128</td> <td>Devon Energy</td> <td>Chevron Texaco</td> <td>SPR</td>	054-002587-0		EI	St. James	SM 128 A	SM 128 A	20177082951	SM	128	Devon Energy	Chevron Texaco	SPR
054-00288-0 Image: Constraint of the constra												
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054-002324-0 054-003783-0 Image: mark of the state of th	054-002885-0											
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891-016943-0 Image: Sector									000			
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891-016927-0Image: second	054-002318-0							EI	339	Chevron Lexaco		
891-016927-0Image: second	054-002111-0 Teal	Prospect	Bonito	St. James	EL330 SSTI	EI 314 A	20177102605	FI	314	Exxon Mobil	Equiva	SPR
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054-000983-0 Image: Constraint of the system Image: Constrainton of the system Image: Constraint of the system												
054-010741-0 EI 253 Chevron Texaco												
b91-008813-0 EI 231 Chevron Lexaco												
	891-008813-0							El	231	Cnevron Lexaco		

Producing MMS Lease or Unit Agre. No.	Common Industry Name	Royalty Oil Type	Gulf Coast Market Center	Offshore Delivery Point	Volume Metered at	MMS Facility Measurement Point No.	Area	Blk	Operator	MMS Purchaser	Program
054-001201-0		LLS	St. James	SM 69 B	SM 69 B	20177072206	SM	69	Taylor Energy Co.	Equiva	SPR
054-001204-0							SM	72	Taylor Energy Co.		
054-001205-0							SM	73	Taylor Energy Co.		
054-017935-0							SM	68	Taylor Energy Co.		
054-001958-0		LLS	St. James	EI 259 SSTI	EI 258 B	20177092609	EI	255	Nexen Petroleum	Chevron Texaco	SPR
054-001959-0							EI	258	Nexen Petroleum		
054-002103-0							EI	257	Nexen Petroleum		
054-001019-0		LLS	St. James	SS 169 SSTI	SS 182 C	2017711260B	SS	182	Chevron Texaco	Chevron Texaco	SPR
055-000821-0					00 102 0	2011112000	SS	183	Chevron Texaco		UT IX
054 002520 0			Ct. Jamaa	WC 400 D		20177022000	WC	400	El Paso		CDD
054-003520-0 054-015105-0		LLS	St. James	WC 498 B	WC 498 B	20177022600	WC		El Paso	Equiva	SPR
054-003998-0		LLS	St. James	SS 169 SSTI	SS 182 C	2017711260X	SS	182	BP Amoco	Equiva	SPR
054-002061-0		LLS	St. James	EC 321 A	EC 321 A	20177042202	EC	321	Marathon Oil Co.	Equiva	SPR
054-001034-0		LLS	St. James	SS 266 A	SS 266 A	20177122608	SS	266	Unocal	Equiva	SPR
054-002076-0		LLS	St. James	VR 214 A	VR 214 A	20177052600	VR	214	Chevron Texaco	Equiva	SPR
054-011877-0							VR		NCX Company, Inc.		
054-001039-0		LLS	St. James	EI 259 SSTI	SS 274 C	2017712260E	SS	274	Apache Corp.	Chevron Texaco	SPR
054-001043-0		LLO	ot. James	LI 200 0011	002140	2017712200L	SS		Apache Corp.		OFIX
054-002923-0							SS		Apache Corp.		
054-012000-0							SS		Apache Corp.		
054-003782-0		LLS	St. James	EI 174 SSTI	EI 182 A	2017709260C	EI			Chevron Texaco	SPR
054-004451-0							EI	181	Newfield Exploration Co.		
054-004452-0							EI	182	Newfield Exploration Co.		
054-003782-0		LLS	St. James	EI 176 A	EI 175 C	20177092601	EI	174	BP Amoco	Chevron Texaco	SPR
054-013622-0		_		-			EI		BP Amoco		
055-000438-0							EI		BP Amoco		
054-014427-0		LLS	St. James	VR 376 A	VR 376 A	2017706260C	VR	375	Spinnaker Exploration Co.	Chevron Texaco	SPR
054-014428-0			or. James		VICUIUA	20111002000	VR		PetroQuest Energy, L.L.C.		

Producing	Common		Gulf Coast			MMS Facility					
MMS Lease or	Industry	Royalty	Market	Offshore	Volume	Measurement					
Unit Agre. No.	Name	Oil Type	Center	Delivery Point	Metered at	Point No.	Area	Blk	Operator	MMS Purchaser	Program
054-001522-0		LLS	St. James	SS 207 A	SS 207 A	2017711260E	SS	206	RME Petroleum Co.	Chevron Texaco	SPR
054-001523-0							SS		RME Petroleum Co.		
054-001524-0							SS		RME Petroleum Co.		
054-002923-0							SS		RME Petroleum Co.		
054-003170-0							SS		RME Petroleum Co.		
054-010775-0							SS		RME Petroleum Co.		
054-010779-0							SS		RME Petroleum Co.		
891-020231-0							SS	207	RME Petroleum Co.		
754-398019-A		Mars	Clovelly	GI 116 A	GI 116 A	20177183651	GI	116	Anadarko Petroleum Corp.	Chevron Texaco	SPR
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054-012631-0		Poseidon	Houma	GB 72 A	GB 72 A	20608072950	GB		Flextrend Development Co.	Chevron Texaco	SPR
054-013363-0							GB	72	Flextrend Development Co.		
754-398001-A	Prince TLP	Poseidon	Houma	EW 1003 A	EW 1003 A	20608102952	EW	1003	El Paso	Equiva	SPR
054-001572-0		Poseidon	Houma	ST 204 B	ST 204 B	20177152952	ST	189	El Paso	Chevron Texaco	SPR
054-016432-0							ST	204	El Paso		
054-009216-0		LLS	St. James	GB 128 A	GB 128 A	20608072601	GB		Amerada Hess Corp.	Equiva	SPR
	Salsa						GB		Shell		
	Cinnamon					*	GC		Shell & Apache Corp.		
054-016702-0 754-395001-A	v						GC GB		Spinnaker Expl. Co. Shell		
754-395001-A 754-395002-A							GB		Shell		
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054-009216-0		Bonito	St. James	GB 128 A	GB 128 A	20608077000	GB		Amerada Hess Corp.	Equiva	SPR
054-014221-0	Saisa Cinnamon						GB GC		Shell Apache Corp.		
054-016702-0						*	GC	177	Spinnaker Expl. Co.		
754-395001-A	v						GB		Shell		
754-395002-A							GB		Shell		
754-396015-A		Mars	Clovelly	EW 910 A	EW 910 A	20608103650	EW	910	Kerr McGee	Gary-Williams	Small Refiner
754-388011-A	Genesis	Mars	Clovelly	GC 205 A	GC 205 A	20608113651	GC	205	Chevron Texaco	Placid Refining	Small Refiner
754-388025-0	Papaya	LLS	St. James	ST 200 A	ST 300 A	20177162600	66	116	Shell Offshore Inc.	US Oil and Refining	Small Definer
754-388025-0		LLO	JL. JAINES	31 300 A	31 300 A	20177162600	GC ST		Apache Corp.		Small Reliner
054-005646-0	Cougai						ST		Apache Corp.		
054-003594-0							ST		Shell Offshore Inc.		
054-004240-0							ST		Shell Offshore Inc.		
054-005625-0							ST	245	Fairways Offshore Expl.		
054-006779-0							ST	302	Shell Offshore Inc.		

MMS Lesse or Industry Royalty Market Offshore Volume Measurement Stand Bit Operator MMS Purchaser Program 064-00778-0 0 ITpp Center Delivory Point Metred a Point No. Aras Bit Apace Corp. MMS Purchaser Program 065-000179-0 ILLS St. James SS 146 SST SS164A 20177112060 SS 160 Century Exploration US Oil and Refining Small Refiner 065-000179-0 ILLS St. James SS 149A 20177112000 SS 130 Philips Century Exploration US Oil and Refining Small Refiner 065-00043-0 ILLS St. James SS 208 F SS209A 20177112000 SS 130 Philips Gary-Williams Small Refiner 064-00123-0 ILLS St. James SS 208 F SS209A 20177072602 SS 210 Unocal Gary-Williams Small Refiner 064-00231-0 ILLS St. James SM 268 A 201770726	Producing	Common		Gulf Coast			MMS Facility					
084-007780-0 cm cm cm sm sm small Refiner 085-000410-0 LLS SL James SS 146 SST SS148A 2017711260 SS 150 Century Exploration US Oil and Refining Small Refiner 085-000410-0 M M M SS 149A 2017711260 SS 150 Century Exploration US Oil and Refining Small Refiner 085-000430-0 M M M M M SS 149A 2017711260 SS 150 Century Exploration M	MMS Lease or	Industry	Royalty	Market	Offshore	Volume	Measurement					_
054-01644-0 Image Image Image ST 270 Fairways Offshore Expl. Image Ima		Name	Oil Type	Center	Delivery Point	Metered at	Point No.				MMS Purchaser	Program
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064-011983-0 SS 149A 2017711260V SS 148 Phillips 065-000419-0 SS 149 Phillips 150 Century Exploration 065-00043-0 SS 149 Phillips 150 Century Exploration 065-000453-0 SS 130 Phillips 130 Phillips 065-000453-0 LLS S1. James SS 208 F SS209A 2017711260G SS 208 Unocal Gary-Williams Small Refiner 054-001230-0 SS 148 Philips SS 149 Unocal Gary-Williams Small Refiner 054-001230-0 SS 148 SM 268 A SM 268 A 20177072602 SK 209 Unocal Unocal SS 148 RME Petroleum Co. SS 201 SS 209 Unocal SS 204 204 <td></td> <td></td> <td>LLO</td> <td>Ot. James</td> <td>00 140 0011</td> <td>001047</td> <td>20177112000</td> <td></td> <td></td> <td></td> <td></td> <td>offiair Refiner</td>			LLO	Ot. James	00 140 0011	001047	20177112000					offiair Refiner
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064-018013-0 055-0002270 LLS St. James SM 268 A SM 268 A 20177072602 SM 268 RME Petroleum Co. US Oil and Refining Small Refiner 054-002310-0 LLS St. James SM 268 A SM 268 A 20177072602 SM 268 RME Petroleum Co. US Oil and Refining Small Refiner 054-002600-0 Image: SM 268 A SM 268 A SM 268 RME Petroleum Co. Image: SM 268 A Small Refiner 054-012600-0 Image: SM 268 A SM 268 A SM 268 A SM 280 RME Petroleum Co. Image: SM 268 A Small Refiner 054-012604-0 Image: SM 30 A SM 130 A SM 130 A 20177082604 SM 130 Shell Offshore Inc. Gary-Williams Small Refiner 054-002280-0 Image: SM 30 A SM 130 A 201772451H MP 280 ExcomMobil Placid Refining Small Refiner 054-017624-0 Image: SM 30 A SM 123 201772451H MP 283 ExcomMobil Placid Refining Small Refiner 054-016616-0 Image: SM 30<												
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054-017942-0Image: constraint of the second sec			LLS	St. James	SIVI 130 A	SIVI 130 A	20177002004				Gary-Williams	
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054-013672-0Image: Constraint of the cons	004-017042-0							OIVI	122			
054-013672-0Image: Constraint of the cons	054-013662-0	Chinook	HLS	Empire	MP 283 A	MP 283 A	2017724511H	MP	283	ExxonMobil	Placid Refining	Small Refiner
054-016516-0Image: constraint of the straint of the stra		Onniook	TILO	Empire	1011 200 77	1011 20071	201112401111				T laola Renning	oniai Reiner
754-389014-ARam-PowellHLSEmpireMP 289VK 91220608165112VK912Shell Offshore Inc.Placid RefiningSmall Refiner054-006898-0PompanoHLSEmpireSP 62VK 98920608165102VK989BP AmocoPlacid RefiningSmall Refiner054-006899-0CCCCCCCCCCCC054-006899-0CCCCCCCCCCCCCC054-007923-0CC <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>												
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AndAn	754-389014-A	Ram-Powell	HLS	Empire	MP 289	VK 912	20608165112	VK	912	Shell Offshore Inc.	Placid Refining	Small Refiner
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054-007923-0 MC 27 BP Amoco MC MC <td></td> <td></td> <td></td> <td>po</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>				po								
054-008483-0 Image: Constraint of the symbol of the sy												
054-009771-0 MC 28 BP Amoco MC MC <td></td>												
054-008801-0 MC 167 BP Amoco 054-008803-0 MC 107 BP Amoco MC 107												
054-008803-0 MC 211 BP Amoco												

Producing Common		Gulf Coas		Volume	MMS Facility					
MMS Lease or Industry Unit Agre. No. Name	Royalty Oil Type	Market Center	Offshore Delivery Point	Volume Metered at	Measurement Point No.	Area	Blk	Operator	MMS Purchaser	Program
054-002445-0	HLS	Empire	VK 900 A	VK 900 A	20608165101	VK	900	Chevron Texaco	Placid Refining	Small Refiner
054-008806-0						MC	292	Chevron Texaco		
054-014618-0						VK		Walter O&G		
891-020233-0	HLS	Empire	MP 73 A	MP 73 A	20177255401	MP	73	ExxonMobil	Placid Refining	Small Refiner
054-002193-0	HLS	Empire	Grand Bay	Grand Bay	20170755600	MP	140	BP Amoco	Placid Refining	Small Refiner
054-009710-0			Rec. Stn.	Rec. Stn.		MP	141	W&T Offshore		
054-013653-0	_					MP	139	Agip Petroleum	-	
891-016931-0 Cognac	HLS	Empire	S.W. Pass 24	MC 194	20608174850	MC		Shell Offshore Inc.	Placid Refining	Small Refiner
054-002638-0						MC		Shell Offshore Inc.		
054-002643-0						MC	151	Shell Offshore Inc.		
054-004481-0	HLS	Empire	MP 70	MP77	20177255102	MP	77	Chevron Texaco	Placid Refining	Small Refiner
054-002213-0	HLS	Empire	MP 311 A	MP 311 A	20177245100	MP	311	GOM Shelf	Placid Refining	Small Refiner
054-002213-0	TILO	Linpiro	MP 311 B	MP 311 B	20177245100	MP		GOM Shelf	r laoia rteining	Official recirco
					20111210101		011			
054-004127-0	HLS	Empire	MP 313 SSTI	MP 313 A	20177245102	MP	313	Chevron Texaco	Placid Refining	Small Refiner
054-001294-0	HLS	Empire	SP 62 A	SP 62 A	20177215100	SP	62	Apache Corp.	Placid Refining	Small Refiner
054-016554-0						VK		Apache Corp.		
054-004127-0						MP	313	Apache Corp.		
754-394018-0	HLS	Empire	MP 69 PS	MP 69 PS	20177255111	SP	60	BP Amoco	Placid Refining	Small Refiner
054-002937-0	HLS	Empire	WD 109	WD 109	20177194602	WD	109	Chevron Texaco	Placid Refining	Small Refiner
891-020245-0	TILO	Empire	WD 100	100	20111104002	WD		Chevron Texaco		Official rectifier
054-016479-0						WD		Chevron Texaco		
054-001609-0	HLS	Empiro	SP 70 C	SP 70 C	20177215114	SP	61		US Oil and Refining	Small Definer
054-001609-0	пьэ	Empire	3F /0 C	SF /00	20177215114	SP	61 70	Ocean Energy, Inc. Ocean Energy, Inc.		Small Kellner
054-006886-0	HLS	Empire	MP 252 B	MP 252 B	2017724511D	VK	783	Shell Offshore Inc.	Placid Refining	Small Refiner
054-013060-0						VK		Shell Offshore Inc.		
754-389021-0 Auger	Bonito	St. James	GB 426 A	GB 426 A	20608072600	GB	126	Shell Offshore Inc.	Gary-Williams	Small Refiner
754-399009-A Oregano	DUIIIU	Ji. James	00 420 A	00 420 A	20000072000	GB		Shell Offshore Inc.		
054-008252-0 Serrano						GB		Shell Offshore Inc.		
054-011528-0 Serrano						GB		Shell Offshore Inc.		
054-011553-0						GB		Shell Offshore Inc.		

Producing MMS Lease or Unit Agre. No.	Common Industry Name	Royalty Oil Type	Gulf Coast Market Center	Offshore Delivery Point	Volume Metered at	MMS Facility Measurement Point No.	Area	Blk	Operator	MMS Purchaser	Program
054-002118-0		Bonito	St. James	EI 338 A	EI 338 A	20177102608	EI	338	Chevron Texaco	Placid Refining	Small Refiner
054-014482-0	Tanzanite	Poseidon	Houma	EI 346 A	EI 346 A	2017710295M	EI	346	Anadarko	Gary-Williams	Small Refiner
754-391010-A	Bald Pate	Poseidon	Houma	GB 260 A	GB 260 A	20608072952	GB	259	Amerada Hess	Placid Refining	Small Refiner
754-395006-A 054-014514-0	Mahogany	Poseidon	Houma	SS 349 A	SS 349 A	20177122952	SS SS	349 361	Anadarko Anadarko	Gary-Williams	Small Refiner
754-395007-A 054-010968-0	Lobster	Poseidon	Houma	EW 873 A	EW 873 A	20608102951	EW EW	873 1006	Marathon Walter O&G	Placid Refining	Small Refiner
054-010968-0							EW EW EW	963 871	Marathon Walter O&G		
							2.11				
754-395015-A 754-393007-0	v ,	Poseidon	Houma	GC 254 A	GC 254 A	20608112955	GC GC	254 473	Agip Petroleum Agip Petroleum	Gary-Williams	Small Refiner
* Property in Ro	Property in Royalty-relief and volumes will not be included										