

MMS Updates Hurricanes Katrina and Rita Damage

NEW ORLEANS – Minerals Management Service (MMS) today released an update of the assessment of damage to offshore oil and gas infrastructure caused by Hurricanes Katrina and Rita.

MMS Gulf of Mexico Regional Director Chris Oynes noted that “Today’s assessment of damage updates the assessment MMS released on January 19, 2006. Based on additional industry assessments, investigations, and reports, the number of pipelines damaged has risen to 457 from 183. The number of larger diameter pipelines (10 inches or greater) that were damaged has risen to 101 from 64. Thirty-two have returned to service versus the previous number of 22.” [Table 1](#) and [Table 2](#) list the major pipelines that were damaged.

MMS has also revised the number of platforms destroyed from 115 down to 113 (one well was mistaken for a platform and one platform was damaged not destroyed). [Table 3](#) and [Table 4](#) list the destroyed platforms. Of these 113, four replacement platforms have been proposed by the operators and approved by MMS to date. These replacement platforms will take the place of eight destroyed platforms with a pre-hurricane daily production of 16,700 barrels per day.

MMS has canvassed the operators of the facilities with largest amount of production still shut-in to provide an estimate of when they might return to production. These are:

Operator Company	Facility Name	Area	Projected Date
Shell	Mars	Mississippi Canyon Block 208	Mid year 2006
TOTAL	Matterhorn	Mississippi Canyon Block 243	Imminent
Shell	Cognac	Mississippi Canyon Block 194	4th Quarter 2006
Kerr-McGee	Red Hawk	Garden Banks Block 876	Imminent

MMS also is releasing the following tally of hurricane-related oil/condensate/chemical spills in Federal offshore OCS waters as reported to MMS and the National Response Center. Six spills of 1,000 barrels or greater were reported; the largest of these was 3,625 barrels of condensate reported by the Gulf South Pipeline Company in the Eugene Island Block 51 area. A total of 146 spills of 1 barrel or greater have been reported in the Federal OCS waters; 37 of these were 50 barrels or greater. No shoreline or wildlife impacts were noted from these spills.

Oynes explained that, “Assessments of pipeline and facility damages are still ongoing, and any updates will be reflected in future announcements. It is likely that additional damage will be reported as underwater damage assessments are completed. These have been delayed because of overwhelmed support resources, such as diving equipment, support vessels, and remotely operated vehicles, but we are moving ahead as expeditiously as possible under the circumstances.”

Relevant Web Sites:
[MMS Main Website](#)
[Gulf of Mexico Website](#)

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Table 1 – Pipelines Damaged by Hurricane Katrina

Large Diameter Pipelines with Damage (10” or greater) in Federal Waters Only					
Operator	Map Area	Block Number (starting point)	Diameter (inches)	Product	Status
Destin Pipeline Company, LLC	MP	260	36	Gas	In Service
Venice Energy Services Co	ST	151	26	G/C	In Service
Southern Natural Gas Co	MP	298	26	Gas	In Service
Tennessee Gas Pipeline Co	SS	198	26	Gas	Shut-in
Venice Gathering System LLC	WD	41	26	Gas	In Service
Tennessee Gas Pipeline Co	SS	145	26	Gas	Shut-in
Trunkline Gas Company LLC	GI	94	24	Gas	In Service
Venice Gathering System, LLC	WD	79	20-22	Gas	In Service
Tennessee Gas Pipeline Co	ST	37	20	Gas	Shut in
Equilon Pipeline Company, LLC	GC	19	20	Oil	In Service
Enterprise Field Services LLC	VK	817	20	Gas	Shut-in
Southern Natural Gas Co	SP	62	20	Gas	Shut in
Tennessee Gas Pipeline Co	SS	168	20	Gas	Shut in
Southern Natural Gas Co	MP	306	18	Gas	In Service
Equilon Pipeline Company LLC	MC	807	18	Oil	Shut-in
Equilon Pipeline Company LLC	MC	809	18	Oil	In Service
Equilon pipeline Company LLC	MC	809	18	Gas	In Service
Centana Gathering LLC	EI	313	16	G/C	Shut-in
BP America Production Co	WD	69	16	GasH	Shut-in
Chandeleur Pipeline Co	MP	42	16	Gas	In Service
Equilon Pipeline Company LLC	MC	807	14	Gas	Shut in
Southern Natural Gas Co	SP	62	14	Gas	Shut in

Marlin Energy Offshore LLC	ST	20	14	Gas	Shut in
Southern Natural Gas Co	MP	291	12-24	Gas	In Service
Chandeleur Pipeline Co	MP	41	12	Gas	In Service
BP America Production Co	WD	94	12	GasH	Shut-in
Equilon Pipeline Company LLC	WD	104	12	Oil	Shut in
Shell Offshore, Inc	MP	290	12	Oil	In Service
Southern Natural Gas Co	MP	298	12	Gas	In Service
Chandeleur Pipeline Co	MO	908	12	Gas	In Service
Apache Corporation	WD	122	12	Bulk oil	Shut-in
Shell Oil Company	SP	62	12	Oil	In Service
Noble Energy Inc	MP	305	12	Oil	Shut-in
SPN Resources LLC	SP	60	12	Gas	In Service
BP America Production Co	WD	70	12	GasH	Shut-in
Noble Energy Inc	MC	365	12	G/C	Shut-in
Chevron USA Inc	MC	292	12	Bulk Gas	In Service
Chevron USA Inc.	MC	292	12	Bulk Gas	In Service
Southern Natural Gas Co	WD	133	12	Gas	Shut-in
Tennessee Gas Pipeline Co	ST	55	12	Gas	Shut in
Tennessee Gas Pipeline Co	GI	47	12	Gas	Shut-in
Gulf South Pipeline Co LP	ST	26	12	Gas	In Service
BP America Production Co	WD	70	10	Gas	Shut-in
Noble Energy Inc	MP	305	10	Gas	Shut-in
Chevron USA Inc.	ST	176	10	Bulk Gas	In Service
SPN Resources LLC	SP	60	10	Gas	In Service
Apache Corporation	ST	160	10	Gas	Shut-in
Exxon Mobil Corporation	SP	93	10	Gas	Shut-in
Transcontinental Gas Pipeline	SS	169	10	Gas	In Service
BP America Production Co	WD	69	10	G/O	Shut-in
Apache Corporation	WD	105	10	Gas	Shut-in
Transcontinental Gas Pipeline	SS	169	10	Gas	In Service

Total E&P USA Inc	MC	243	10	Gas	Shut-in
Chevron USA Inc.	SP	77	10	Bulk Oil	In Service
Chevron USA Inc.	ST	134	10	Bulk Oil	In Service
Chevron USA Inc.	SP	77	10	Bulk Oil	Shut-in
Chevron Pipeline Co	MP	299	10	Oil	In Service
Apache Corporation	SP	62	10	Lift	Shut-in
Apache Corporation	SP	62	10	Gas	Shut-in
Chevron USA Inc.	ST	151	10	Bulk Gas	Shut-in
BP America Production CO	WD	94	10	Bulk Oil	Shut-in

Area Key:

GC – Green Canyon GI – Grand Isle MC – Mississippi Canyon
MO – Mobil MP – Main Pass SP – South Pass
SS – Ship Shoal ST – South Timbalier VK – Viosca Knoll
WD – West Delta

Product Key:

G/C – Gas/Condensate GasH – Gas Hydrogen Sulfide G/O – Gas/Oil

Table 2 – Pipelines Damaged by Hurricane Rita

Large Diameter Pipelines with Damage (10" or greater) in Federal Waters Only					
Operator	Map Area	Block Number (starting point)	Diameter (inches)	Product	Status
Tennessee Gas Pipeline Co	EC	49	26	Gas	In Service
ANR Pipeline Co	VR	397	24	Gas	Shut-in
ANR Pipeline Co	SM	137	24	Gas	Shut-in
ANR Pipeline Co	SM	108	24	Gas	Shut-in
Equilon Pipeline Company LLC	ST	301	24	Oil	In Service
Enterprise Field Services LLC	GC	237	20	Gas	Shut-in
Transcontinental Gas Pipeline	SS	269	20	Gas	In Service
Trunkline Gas Company LLC	GI	93	20	Gas	In Service
Transcontinental Gas Pipeline	WC	110	16	Gas	Shut-in

Tennessee Gas Pipeline Co	ST	50	16	Gas	Shut-in
Tennessee Gas Pipeline Co	ST	24	16	Gas	Shut-in
Chevron USA Inc	EI	252	16	Bulk oil	In Service
Manta Ray Gathering Co LLC	GB	260	16	Oil	In Service
Tennessee Gas Pipeline Co	EC	254	16	Gas	Shut-in
Texas Eastern Transmission LP	EC	321	16	Gas	In Service
Williams Field Services Co	SS	269	16	Gas	In Service
Devon energy Production Co	EI	330	14	Oil	Shut-in
Gulf South Pipeline Company LP	EI	51	14	Gas	Shut-in
Shell GOM Pipeline Company LLC	SS	241	12	Oil	In Service
Stingray Pipeline Company LLC	VR	321	12	Gas	Shut-in
Tennessee Gas Pipeline Co	EI	338	12	Gas	Shut-in
Enterprise Field Services LLC	GC	237	12	Oil	In Service
ANR Pipeline Co	SM	10	12	Gas	Shut-in
Equilon Pipeline Company LLC	EC	240	12	Oil	Shut-in
Equilon Pipeline Company LLC	GB	426	12	Gas	In Service
Dynegy Midstream Services LIM1	WC	229	12	Gas	Shut-in
Texas Eastern Transmission LP	EC	222	12	Gas	Shut-in
Dynegy Midstream Services LIM1	WC	102	12	Gas	In Service
Shell Oil Company	SM	58	12	Oil	In Service
Equilon Pipeline Company LLC	GI	115	12	Oil	In Service
Enterprise Field Services LLC	MC	582	12	Gas	In Service
Chevron USA Inc.	EI	338	12	Gas	Shut-in
Transcontinental Gas Pipeline	SS	269	10	G/C	Shut-in
Devon Energy Production	EI	330	10	G/O	Shut-in
Gulf South Pipeline Company	EI	95	10	Gas	In Service
Apache Corp	EI	296	10	Oil	Shut-in
Devon Energy					Shut-in

Production	EI	330	10	G/O	
Marlin Energy Offshore LLC	ST	28	10	Bulk Oil	Shut-in
Trunkline Gas Company, LLC	EW	305	10	Gas	Shut-in
ANR Pipeline Co	WC	165	10	Gas	Shut-in

Area Key:

EC – East Cameron EI – Eugene Island GB – Garden Banks
GC – Green Canyon GI – Grand Isle MC – Mississippi Canyon
SM – South Marsh Island SS – Ship Shoal ST – South Timbalier
VR – Vermilion WC – West Cameron

Table 3 – Platforms Destroyed by Hurricane Katrina

Katrina Destroyed Platforms				
Operator	Map Area	Block Number	Facility	Water Depth (Feet)
BP America Production Company	GI	40	B	83
BP America Production Company	GI	40	F	86
BP America Production Company	GI	47	C	88
BP America Production Company	GI	48	D	86
BP America Production Company	GI	41	A	91
BP America Production Company	GI	32	J	106
Newfield Exploration Company	MP	138	A	158
Southern Natural Gas Company	MP	298	B-Valve	222
Noble Energy, Inc.	MP	306	D	255
Apache Corporation	MP	312	JA	248
Energy Resource Technology, Inc.	PL	20	39	30
Apache Corporation	SP	62	A	340
Apache Corporation	SP	62	B	322
Marlin Energy Offshore, L.L.C.	ST	21	1	37
Marlin Energy Offshore, L.L.C.	ST	21	22	36
Marlin Energy Offshore, L.L.C.	ST	21	25	40
Marlin Energy Offshore, L.L.C.	ST	21	27	40
Marlin Energy Offshore, L.L.C.	ST	21	31	36
Marlin Energy Offshore, L.L.C.	ST	21	66	45
Marlin Energy Offshore, L.L.C.	ST	21	67	46
Marlin Energy Offshore, L.L.C.	ST	21	71	48
Marlin Energy Offshore, L.L.C.	ST	21	75	47
Marlin Energy Offshore, L.L.C.	ST	21	E	40
Chevron U.S.A. Inc.	ST	135	M	116
Chevron U.S.A.				

Inc.	ST	151	I	128
Chevron U.S.A. Inc.	ST	151	O	137
Apache Corporation	ST	161	A	117
Chevron U.S.A. Inc.	ST	176	A	140
Chevron U.S.A. Inc.	ST	151	G	137
Apache Corporation	ST	161	B	120
BP America Production Company	WD	69	C	121
BP America Production Company	WD	69	K	134
Apache Corporation	WD	103	A	223
Apache Corporation	WD	103	B	228
Apache Corporation	WD	104	C	228
Anglo-Suisse Offshore Partners, LLC	WD	117	C	214
Anglo-Suisse Offshore Partners, LLC	WD	117	D	195
Anglo-Suisse Offshore Partners, LLC	WD	117	E	208
Anglo-Suisse Offshore Partners, LLC	WD	117	F	200
Anglo-Suisse Offshore Partners, LLC	WD	117	QRT	214
Apache Corporation	WD	133	B	285
El Paso Production GOM Inc.	WD	137	A	310
BP America Production Company	WD	94	G	153
BP America Production Company	WD	70	H	141

Area Key:

GI – Grand Isle

MP – Main Pass

PL – South Pelto

SP – South Pass

ST – South Timbalier

WD – West Delta

Table 4 – Platforms Destroyed by Hurricane Rita

Rita Destroyed Platforms				
Operator	Map Area	Block Number	Facility	Water Depth (Feet)
East Cameron Partners, LP	EC	71	8	53
Newfield Exploration Company	EC	151	C	80
The Houston Exploration Company	EC	160	A-AUX	85
Energy Partners, Ltd.	EC	160	C	84
Energy Partners, Ltd.	EC	161	A	85
Maritech Resources, Inc.	EC	195	A	103
Energy Resource Technology, Inc.	EC	222	A - PROD	110
PetroQuest Energy, L.L.C.	EC	222	D	123

Merit Energy Company	EC	254	B	164
Chevron U.S.A. Inc.	EC	272	A	182
Chevron U.S.A. Inc.	EC	272	A-AUX 1	182
Newfield Exploration Company	EC	286	B	186
Pioneer Natural Resources USA, Inc.	EC	322	A	230
Union Oil Company of California	EI	276	B-PRD	172
Union Oil Company of California	EI	276	D	176
B T Operating Co.	EI	294	A	204
Texaco Exploration and Production.	EI	313	B	240
Texaco Exploration and Production.	EI	313	C	230
Forest Oil Corporation	EI	314	F	230
Forest Oil Corporation	EI	314	J	230
Devon Energy Production Company	EI	330	S	254
Devon Energy Production Company	EI	333	A	231
Chevron U.S.A. Inc.	EI	338	A	253
Chevron U.S.A. Inc.	GC	237	A - Typhoon	2107
Forest Oil Corporation	HI	A 467	D	187
Forest Oil Corporation	SM	11	K	68
Forest Oil Corporation	SM	11	B	68
Forest Oil Corporation	SM	11	J	68
Newfield Exploration Company	SM	49	B	98
Union Oil Company of California	SM	66	E	134
Union Oil Company of California	SM	66	A	128
Union Oil Company of California	SM	76	B	140
Chevron U.S.A. Inc.	SM	90	A	163
Stone Energy Corporation	SM	108	D	183
Devon Energy Production Company	SM	128	A-PRD	228
Newfield Exploration Company	SS	69	16	28
Gulf of Mexico Oil & Gas Properties LLC	SS	148	H	44
Chevron U.S.A. Inc.	SS	169	A	54
W & T Offshore, Inc.	SS	177	C	92
Chevron U.S.A. Inc.	SS	181	K	67
Apache Corporation	SS	193	B	86

Taylor Energy Company	SS	218	D	112
Maritech Resources, Inc.	SS	219	C	113
SPN Resources, LLC	SS	253	A-AUX	165
Maritech Resources, Inc.	SS	269	A	170
Chevron U.S.A. Inc.	ST	51	CH	62
Energy Resource Technology, Inc.	ST	146	A	170
Apache Corporation	ST	161	D	120
Stone Energy Corporation	VR	131	5	56
Stone Energy Corporation	VR	131	CF	57
Energy Resource Technology, Inc.	VR	201	A	83
Samson Contour Energy E&P, LLC	VR	217	A	121
Chevron U.S.A. Inc	VR	245	C - DRILL	131
Chevron U.S.A. Inc.	VR	245	B	126
Stone Energy Corporation	VR	255	A	158
Stone Energy Corporation	VR	255	B	152
St. Mary Energy Company	VR	273	A	185
Nexen Petroleum U.S.A. Inc.	VR	340	JA	227
Stone Energy Corporation	WC	45	5	28
Stone Energy Corporation	WC	56	CAIS # 15	34
BP Exploration & Production	WC	110	3	40
BP Exploration & Production Inc.	WC	110	1	40
BP Exploration & Production Inc.	WC	110	9	41
BP Exploration & Production Inc.	WC	110	10	40
Linder Oil Company	WC	168	CAIS # 2	44
Chevron U.S.A. Inc.	WC	172	E	47
Stone Energy Corporation	WC	176	2	49
Dynegy Midstream Services	WC	229	A	65
Forest Oil Corporation	WC	313	1	49

Area Key:

EC – East Cameron

EI – Eugene Island

GC – Green Canyon

HI – High Island

SM – South Marsh
Island

SS – Ship Shoal

ST – South Timbalier

VR – Vermilion

WC – West Cameron

