

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
	Quarter Report- 2008 (12/18/08)				NO <sub>x</sub> (5.61 lbs/hr)	36.34 lbs	over-pressuring mix drum causing a small release to the flare. Note the Shell Off-Gas Compressors are owned and operated by Shell. The duration of the incident was 349 minutes.	
					VOC Olefins (12.36 lbs/hr)	96.31 lbs 2.96 lbs		
E3.	General Condition XI.C Third Quarter Report- 2008 (12/18/08)	2893-V6A	South Flare EQT 0160	9/9/08	SO <sub>2</sub> (1.32 lbs/hr)	92.0 lbs	Fuel gas imbalance resulted in over-pressuring mix drum causing a small release to the flare. Note the Shell Off-Gas Compressors are owned and operated by Shell. The duration of the incident was 5010 minutes.	LAC 33:III.501.C.4
					NO <sub>x</sub> (5.61 lbs/hr)	1536.05 lbs		
					VOC Olefins (12.36 lbs/hr)	4071.48 lbs 125.32 lbs		
F3.	General Condition XI.C Third Quarter Report- 2008 (12/18/08)	2893-V6A	South Flare EQT 0160	9/13/08	SO <sub>2</sub> (1.32 lbs/hr)	4.61 lbs	Fuel gas imbalance resulted in over-pressuring mix drum causing a small release to the flare. Note the Shell Off-Gas Compressors are owned and operated by Shell. The duration of the incident was 124 minutes.	LAC 33:III.501.C.4
					NO <sub>x</sub> (5.61 lbs/hr)	56.20 lbs		
					VOC Olefins (12.36 lbs/hr)	148.97 lbs 4.59 lbs		
G3.	General Condition XI.C Third Quarter Report- 2008 (12/18/08)	2893-V6A	South Flare EQT 0160	9/16/08	SO <sub>2</sub> (1.32 lbs/hr)	0.21 lbs**	Shutdown Shell Offgas Compressor (26FC6069) during excursion with Regen/Rx catalyst circulation. Shutdown due to hydrogen levels on offgas. The duration of the incident was 157 minutes.	LAC 33:III.501.C.4
					NO <sub>x</sub> (5.61 lbs/hr)	11.92 lbs		
					VOC Olefins (12.36 lbs/hr)	31.58 lbs 0.97 lbs		

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H3.	General Condition X1.C Third Quarter Report- 2008 (12/18/08)	2893-V6A	South Flare EQT 0160	9/22/08	SO <sub>2</sub> (1.32 lbs/hr)	1.24 lbs**	Fuel gas imbalance resulted in over-pressuring mix drum causing a small release to the flare. Note the Shell Off-Gas Compressors are owned and operated by Shell. The duration of the incident was 173 minutes.	LAC 33:III.501.C.4
					NO <sub>x</sub> (5.61 lbs/hr)	36.51 lbs		
					VOC Olefins (12.36 lbs/hr)	96.79 lbs 2.89 lbs		
I3.	General Condition X1.C Third Quarter Report- 2008 (12/18/08)	2893-V6A	South Flare EQT 0160	9/22/08	SO <sub>2</sub> (1.32 lbs/hr)	0.29 lbs**	Fuel gas imbalance resulted in over-pressuring mix drum causing a small release to the flare. Note the Shell Off-Gas Compressors are owned and operated by Shell. The duration of the incident was 35 minutes.	LAC 33:III.501.C.4
					NO <sub>x</sub> (5.61 lbs/hr)	9.54 lbs**		
					VOC Olefins (12.36 lbs/hr)	25.28 lbs 0.78 lbs		
I3.	General Condition X1.C Third Quarter Report- 2008 (12/18/08)	2893-V6A	South Flare EQT 0160	9/22/08	SO <sub>2</sub> (1.32 lbs/hr)	0.28 lbs**	Fuel gas imbalance resulted in over-pressuring mix drum causing a small release to the flare. Note the Shell Off-Gas Compressors are owned and operated by Shell. The duration of the incident was 102 minutes.	LAC 33:III.501.C.4
					NO <sub>x</sub> (5.61 lbs/hr)	11.12 lbs		
					VOC Olefins (12.36 lbs/hr)	29.48 lbs 0.91 lbs		
K3.	General Condition X1.C Third Quarter Report- 2008 (12/18/08)	2893-V6A	South Flare EQT 0160	9/23/08	VOC HRVOC (12.36 lbs/hr)	16.28 lbs 0.95 lbs	Flared hydrogen off of Unit 12. The duration of the incident was 94 minutes.	LAC 33:III.501.C.4
					NO <sub>x</sub> (5.61 lbs/hr)	0.41 lbs**		
L3.	General Condition X1.C Third Quarter	2893-V6A	South Flare EQT 0160	9/23/08	SO <sub>2</sub> (1.32 lbs/hr)	1.44 lbs	High fuel gas header pressure, Shell compressors off	LAC 33:III.501.C.4

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	Report- 2008 (12/18/08)				NO <sub>x</sub> (5.61 lbs/hr)	42.84 lbs	line due to high H <sub>2</sub> S in Unit 26. Opened sweet fuel gas controller 21PC6431 to flare to keep mix drum with olefins from flaring. The duration of the incident was 118 minutes.	
					VOC Olefins (12.36 lbs/hr)	113.55 lbs 3.49 lbs		
M3.	General Condition XI.C Fourth Quarter Report – 2008 (3/12/09) And Fourth Quarter 2008 NSPS Subpart J Report (01/30/2009)	2893-V6A	South Flare EQT 0160	10/13/08	VOC HRVOC (12.36 lbs/hr)	1.89 lbs** 0.04 lbs**	The U22 Feed Compressor Interstage Level Control valve was steamed out. While the valve was steaming out, the drum was routed to flare. The H <sub>2</sub> S content was 8.62%. The duration of the incident was 20 minutes.	40 CFR 60.104(a)(1) LAC 33:III.501.C.4
					H <sub>2</sub> S (not permitted)	0.25 lbs		
					NO <sub>x</sub> (5.61 lbs/hr)	0.76 lbs**		
					SO <sub>2</sub> (1.32 lbs/hr)	94.97 lbs		
					CO (15.28 lbs/hr)	4.17 lbs**		
N3.	General Condition XI.C Fourth Quarter Report – 2008 (3/12/09)	2893-V6A	South Flare EQT 0160	10/29/08	VOC HRVOC (12.36 lbs/hr)	355.11 lbs 19.62 lbs	Shutdown south M/U compressor for maintenance. Started flaring hydrogen from Unit 12 at about 11 mmscf (12-FI-6414) to help refinery fuel gas system. The duration of the incident was 2160 minutes.	LAC 33:III.501.C.4
					NO <sub>x</sub> (5.61 lbs/hr)	8.43 lbs		
O3.	General Condition XI.C Fourth Quarter Report – 2008 (3/12/09)	2893-V6A	South Flare EQT 0160	11/26/08	SO <sub>2</sub> (1.32 lbs/hr)	54.63 lbs	Both Shell compressors tripped causing 21P6431 sweet fuel gas to open to the flare. The duration of the incident was 13 minutes.	LAC 33:III.501.C.4
					NO <sub>x</sub> (5.61 lbs/hr)	2.88 lbs**		
					VOC Olefins (12.36 lbs/hr)	7.64 lbs** 0.24 lbs**		
P3.	General Condition XI.C Fourth Quarter Report – 2008 (3/12/09)	2893-V6A	South Flare EQT 0160	12/3/08	SO <sub>2</sub> (1.32 lbs/hr)	0.05 lbs**	Depressured Olefin (179) line to flare. The duration of the incident was 140 minutes.	LAC 33:III.501.C.4
					NO <sub>x</sub> (5.61 lbs/hr)	10.04 lbs		
					VOC Olefins (12.36 lbs/hr)	35.18 lbs 19.29 lbs		
Q3.	General Condition XI.C Fourth	2893-V6A	South Flare EQT 0160	12/4/08	SO <sub>2</sub> (1.32 lbs/hr)	0.44 lbs**	Shell gas compressor went down	LAC 33:III.501.C.4
					NO <sub>x</sub>	15.75 lbs		

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	Quarter Report – 2008 (3/12/09)				(5.61 lbs/hr)		causing high pressure on fuel gas mix drum. 21-P6431C valve open due to high pressure. The duration of the incident was 79 minutes.	
					VOC Olefins (12.36 lbs/hr)	41.76 lbs 1.29 lbs		
R3.	General Condition XI.C Fourth Quarter Report – 2008 (3/12/09)	2893-V6A	South Flare EQT 0160	12/11/08	SO <sub>2</sub> (1.32 lbs/hr)	0.58 lbs**	Shell off-gas compressor went down due to snow conditions. Opened 21PC5431 to flare excess gas. The duration of the incident was 223 minutes.	LAC 33:III.501.C.4
				NO <sub>x</sub> (5.61 lbs/hr)	29.23 lbs			
				VOC Olefins (12.36 lbs/hr)	77.47 lbs 2.38 lbs			
S3.	General Condition XI.C Fourth Quarter Report – 2008 (3/12/09)	2893-V6A	South Flare EQT 0160	12/18/08	SO <sub>2</sub> (1.32 lbs/hr)	1.25 lbs**	Flaring sweet fuel gas through Unit 21 fuel gas absorber. The duration of the incident was 337 minutes.	LAC 33:III.501.C.4
				NO <sub>x</sub> (5.61 lbs/hr)	35.92 lbs			
				VOC Olefins (12.36 lbs/hr)	95.21 lbs 2.93 lbs			
T3.	General Condition XI.C Fourth Quarter Report – 2008 (3/12/09)	2893-V6A	South Flare EQT 0160	12/22/08	SO <sub>2</sub> (1.32 lbs/hr)	0.81 lbs**	Shell lost off- gas compressor. The duration of the incident was 120 minutes.	LAC 33:III.501.C.4
				NO <sub>x</sub> (5.61 lbs/hr)	27.18 lbs			
				VOC Olefins (12.36 lbs/hr)	72.05 lbs 2.22 lbs			
U3.	General Condition XI.C Fourth Quarter Report – 2008 (3/12/09)	2893-V6A	South Flare EQT 0160	12/22/08	SO <sub>2</sub> (1.32 lbs/hr)	0.96 lbs**	Shell off-gas compressor shutdown. Opened Unit 21 FGA to flare. The duration of the incident was 120 minutes.	LAC 33:III.501.C.4
				NO <sub>x</sub> (5.61 lbs/hr)	30.48 lbs			
				VOC Olefins (12.36 lbs/hr)	80.79 lbs 2.49 lbs			
V3.	General Condition XI.C Fourth Quarter Report – 2008 (3/12/09)	2893-V6A	South Flare EQT 0160	12/29/08	SO <sub>2</sub> (1.32 lbs/hr)	0.78 lbs**	Shell off-gas compressor shutdown and routed 16mm gas from U26 to the fuel system. Opened flare to relieve pressure 21PC5431C to minimize olefin flaring. The duration of the incident was 134 minutes.	LAC 33:III.501.C.4
				NO <sub>x</sub> (5.61 lbs/hr)	26.19 lbs			
				VOC Olefins (12.36 lbs/hr)	69.42 lbs 2.14 lbs			
W3.	General Condition	2893-V6A	South Flare EQT 0160	1/4/08	NO <sub>x</sub> (5.61 lbs/hr)	16.33 lbs	Fuel gas mix drum pressure	LAC 33:III.501.C.4

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	XI.C First Quarter Report – 2008 (6/27/08)				VOC Olefins (12.36 lbs/hr)	41.66 lbs 6.89 lbs	to flare opened as sweet fuel gas to flare was already open 100% due to units shutting down for turnaround work. Put unit 42 boiler on fuel gas to help with pressure. The duration of the incident was 108 minutes.	
X3.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-V0	Thermal Oxidizer No. 1 EQT 0159	7/1/10	SO <sub>2</sub> (56.86 lbs/hr)	(*Not Reported)	The thermal oxidizer exceeded its maximum hourly SO <sub>2</sub> permit limit for 2 hours due to low boiler feed water level.	LAC 33:III.501.C.4
Y3.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-V0	Thermal Oxidizer No. 2 EQT 0161	7/14/10	SO <sub>2</sub> (56.86 lbs/hr)	(*Not Reported)	The thermal oxidizer exceeded its maximum hourly SO <sub>2</sub> permit limit for 1 hour due to the unit unexpectedly tripping during operation.	LAC 33:III.501.C.4
Z3.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	3039-V7	GME Crude Vacuum Heater A/B EQT 0187 EQT 0188	8/6/10	CO (3.10 lbs/hr) (3.10 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly CO permit limit for 1 hour due to low oxygen levels in the heater.	LAC 33:III.501.C.4
A4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-V0	Coker Charge Heater EQT 0173	8/23/10	NO <sub>x</sub> (18.38 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 3 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4

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B4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-V0	Thermal Oxidizer No. 2 EQT 0161	9/21/10	SO <sub>2</sub> (56.86 lbs/hr)	(*Not Reported)	This thermal oxidizer exceeded its maximum hourly SO <sub>2</sub> permit limit for 1 hour due to the unit unexpectedly tripping during operation.	LAC 33:III.501.C.4
C4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-V0	Crude Atmospheric Heater B EQT 0148	9/28/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 2 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
D4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-V0	Crude Atmospheric Heater B EQT 0148	9/28/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 2 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
E4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-V0	Crude Atmospheric Heater B EQT 0148	9/28/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
F4.	Louisiana General Condition	2580- 00013-V0	Crude Atmospheric Heater B	9/28/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum	LAC 33:III.501.C.4

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	XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)		EQT 0148				hourly NO <sub>x</sub> permit limit for 2 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	
G4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	DHT Reactor Charge Heater EQT 0157	10/4/10	NO <sub>x</sub> (42.72 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 36 hours due to the heaters burners performing below expectations.	LAC 33:III.501.C.4
H4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	DHT Reactor Charge Heater EQT 0155	10/4/10	NO <sub>x</sub> (5.48 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heaters burners performing below expectations.	LAC 33:III.501.C.4
I4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	DHT Reactor Charge Heater EQT 0155	10/6/10	NO <sub>x</sub> (5.48 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 6 hours due to the heaters burners performing below expectations.	LAC 33:III.501.C.4
J4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	DHT Reactor Charge Heater EQT 0155	10/7/10	NO <sub>x</sub> (5.48 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 5 hours due to the heaters burners performing below expectations.	LAC 33:III.501.C.4
K4.	Louisiana General Condition XI.C and Part 70 General	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	10/7/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for	LAC 33:III.501.C.4

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	Condition R.3 Second Half Report 2010 (3/31/11)						3 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	
L4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-V0	Crude Atmospheric Heater B EQT 0148	10/8/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 6 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
M4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-V0	DHT Reactor Charge Heater EQT 0161	10/9/10	NO <sub>x</sub> (4.49 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 3 hours due to the heaters burners performing below expectations.	LAC 33:III.501.C.4
N4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-V0	Crude Atmospheric Heater B EQT 0148	10/9/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
O4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010	2580- 00013-V0	DHT Reactor Charge Heater EQT 0155	10/10/10	NO <sub>x</sub> (5.48 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 7 hours due to the heaters burners	LAC 33:III.501.C.4



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	(3/31/11)						performing below expectations.	
P4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	10/13/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 4 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
Q4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	10/14/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
R4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	10/14/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 12 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
S4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	DHT Reactor Charge Heater EQT 0155	10/14/10	NO <sub>x</sub> (5.48 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heaters burners performing below expectations.	LAC 33:III.501.C.4

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T4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	DHT Reactor Charge Heater EQT 0155	10/15/10	NO <sub>x</sub> (5.48 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 2 hours due to the heaters burners performing below expectations.	LAC 33:III.501.C.4
U4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	10/15/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 10 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
V4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	DHT Reactor Charge Heater EQT 0155	10/15/10	NO <sub>x</sub> (5.48 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heaters burners performing below expectations.	LAC 33:III.501.C.4
W4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	DHT Reactor Charge Heater EQT 0155	10/15/10	NO <sub>x</sub> (5.48 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heaters burners performing below expectations.	LAC 33:III.501.C.4
X4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	10/16/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 9 hours due to the heater running near the permitted firing rate in conjunction with the burners	LAC 33:III.501.C.4

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							performing below expectations.	
Y4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	DHT Reactor Charge Heater EQT 0155	10/16/10	NO <sub>x</sub> (5.48 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heaters burners performing below expectations.	LAC 33:III.501.C.4
Z4.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	DHT Reactor Charge Heater EQT 0155	10/16/10	NO <sub>x</sub> (5.48 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 3 hours due to the heaters burners performing below expectations.	LAC 33:III.501.C.4
A5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	10/17/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 7 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
B5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	10/18/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 4 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
C5.	Louisiana General Condition XI.C and Part 70 General	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	10/19/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for	LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
	Condition R.3 Second Half Report 2010 (3/31/11)						6 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	
D5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-V0	Crude Atmospheric Heater B EQT 0148	10/21/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
E5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-V0	GDU Splitter Reboiler EQT 0179	10/21/10	NO <sub>x</sub> (8.44 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heaters burners performing below expectations.	LAC 33:III.501.C.4
F5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-V0	Crude Atmospheric Heater B EQT 0148	10/22/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 13 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
G5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010	2580- 00013-V0	Crude Atmospheric Heater B EQT 0148	10/23/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near	LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
	(3/31/11)						the permitted firing rate in conjunction with the burners performing below expectations.	
H5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Coker Charge Heater EQT 0173	10/23/10	NO <sub>x</sub> (18.38 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heaters burners performing below expectations.	LAC 33:III.501.C.4
I5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	10/23/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 10 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
J5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Coker Charge Heater EQT 0173	10/28/10	NO <sub>x</sub> (18.38 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 2 hours due to the heaters burners performing below expectations.	LAC 33:III.501.C.4
K5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	3039-V7	GME Crude Atmospheric Heater A/B EQT 0185 EQT 0186	11/4/10	CO (7.37 lbs/hr) (7.37 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly CO permit limit for 1 hour due to low oxygen levels in the heater.	LAC 33:III.501.C.4
L5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half	3039-V7	GME Crude Atmospheric Heater A/B EQT 0185 EQT 0186	11/4/10	CO (7.37 lbs/hr) (7.37 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly CO permit limit for 1 hour due to low oxygen	LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
	Report 2010 (3/31/11)						levels in the heater.	
M5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	3039-V7	GME Crude Atmospheric Heater A/B EQT 0185 EQT 0186	11/4/10	CO (7.37 lbs/hr) (7.37 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly CO permit limit for 13 hours due to the cleaning of burner tips while running.	LAC 33:III.501.C.4
N5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	11/5/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 2 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
O5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	3039-V7	GME Crude Atmospheric Heater A/B EQT 0185 EQT 0186	11/5/10	CO (7.37 lbs/hr) (7.37 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly CO permit limit for 2 hours due to the cleaning of burner tips while running.	LAC 33:III.501.C.4
P5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	11/6/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 8 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
Q5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	11/7/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 9 hours due to the heater running near the permitted	LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
							firing rate in conjunction with the burners performing below expectations.	
R5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	11/7/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations	LAC 33:III.501.C.4
S5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	3039-V7	GME Crude Vacuum Heater A/B EQT 0187 EQT 0188	11/7/10	CO (3.10 lbs/hr) (3.10 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly CO permit limit for 3 hours due to low oxygen levels in the heater.	LAC 33:III.501.C.4
T5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	3039-V7	GME Crude Vacuum Heater A/B EQT 0187 EQT 0188	11/7/10	CO (3.10 lbs/hr) (3.10 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly CO permit limit for 2 hours due to low oxygen levels in the heater.	LAC 33:III.501.C.4
U5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	3039-V7	GME Crude Vacuum Heater A/B EQT 0187 EQT 0188	11/8/10	CO (3.10 lbs/hr) (3.10 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly CO permit limit for 1 hour due to low oxygen levels in the heater.	LAC 33:III.501.C.4
V5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	11/11/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 2 hours due to the heater running near the permitted firing rate in conjunction with the	LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
							burners performing below expectations.	
W5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	11/12/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 3 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
X5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	3039-V7	GME Crude Vacuum Heater A/B EQT 0187 EQT 0188	11/12/10	CO (3.10 lbs/hr) (3.10 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly CO permit limit for 3 hours due to low oxygen levels in the heater.	LAC 33:III.501.C.4
Y5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	11/16/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 2 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
Z5.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	11/17/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 5 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4



	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
A6.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-VO	Crude Atmospheric Heater B EQT 0148	11/17/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 8 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
B6.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-VO	Crude Atmospheric Heater B EQT 0148	11/18/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 12 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
C6.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-VO	Crude Atmospheric Heater B EQT 0148	11/18/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
D6.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-VO	Crude Atmospheric Heater B EQT 0148	11/19/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 9 hours due to the heater running near the permitted firing rate in conjunction with the burners performing	LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
							below expectations.	
E6.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-V0	Crude Atmospheric Heater B EQT 0148	11/20/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
F6.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-V0	Crude Atmospheric Heater B EQT 0148	11/26/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 29 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
G6.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-V0	Crude Atmospheric Heater B EQT 0148	11/27/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 2 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
H6.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-V0	Crude Atmospheric Heater B EQT 0148	11/28/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 2 hours due to the heater running near the permitted firing rate in conjunction	LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
							with the burners performing below expectations.	
16.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	11/28/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 3 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
16.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	11/28/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 5 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
16.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	11/11/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 2 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
16.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	11/30/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 54 hours due to the heater running near the permitted	LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INGIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
							firing rate in conjunction with the burners performing below expectations.	
M6.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater A EQT 0147	12/1/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 2 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
N6.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater A EQT 0147	12/1/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 2 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
O6.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater A EQT 0147	12/1/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 5 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
P6.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half	2580-00013-V0	Crude Atmospheric Heater A EQT 0147	12/3/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 3 hours due to the heater	LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
	Report 2010 (3/31/11)						running near the permitted firing rate in conjunction with the burners performing below expectations.	
Q6.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-V0	Crude Atmospheric Heater A EQT 0147	12/1/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
R6.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-V0	Crude Atmospheric Heater B EQT 0148	12/3/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 5 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
S6.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	3039-V8	HCU Fractionator Heater EQT 0199	12/5/10	NO <sub>x</sub> (11.56 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heaters burners performing below expectations.	LAC 33:III.501.C.4
T6.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580- 00013-V0	Crude Atmospheric Heater A EQT 0147	12/5/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near the permitted firing rate in	LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
							conjunction with the burners performing below expectations.	
U6.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	12/5/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
V6.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	12/6/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 3 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
W6.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	FCCU Refrigerator Vent EQT 0163	12/6/10	CO (0.04 lbs/hr)	(*Not Reported)	This source exceeded its maximum hourly CO permit limit due to elevated CO levels during startup using torch oil.	LAC 33:III.501.C.4
X6.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	12/8/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 2 hours due to the heater running near the permitted firing rate in conjunction with the burners performing below	LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
							expectations.	
Y6.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	3039-V7	GME Crude Vacuum Heater A/B EQT 0187 EQT 0188	12/8/10	CO (3.10 lbs/hr) (3.10 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly CO permit limit for 1 hour due to low oxygen levels in the heater.	LAC 33:III.501.C.4
Z6.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	3039-V7	GME Crude Atmospheric Heater A/B EQT 0185 EQT 0186	12/9/10	CO (7.37 lbs/hr) (7.37 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly CO permit limit for 1 hour due to low oxygen levels in the heater.	LAC 33:III.501.C.4
A7.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	12/9/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
B7.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	12/9/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
C7.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	12/13/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near the permitted	LAC 33:III.501.C.4

	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
							firing rate in conjunction with the burners performing below expectations.	
D7.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater A EQT 0147	12/13/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
E7.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	12/9/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
F7.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	DHT Reactor Charge Heater EQT 155	12/14/10	NO <sub>x</sub> (5.48 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 2 hours due to the heaters burners performing below expectations.	LAC 33:III.501.C.4
G7.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	12/16/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near the permitted firing rate in conjunction with the	LAC 33:III.501.C.4



	REPORT (date)	PERMIT NUMBER or UNIT	EMISSION POINT	INCIDENT DATE	POLLUTANTS RELEASED (permit limit)	QUANTITY REPORTED	REPORTED CAUSE	REGULATORY or PERMIT REQUIREMENTS
							burners performing below expectations.	
H7.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	12/17/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
I7.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	12/17/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
J7.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	12/22/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near the permitted firing rate in conjunction with the burners performing below expectations.	LAC 33:III.501.C.4
K7.	Louisiana General Condition XI.C and Part 70 General Condition R.3 Second Half Report 2010 (3/31/11)	2580-00013-V0	Crude Atmospheric Heater B EQT 0148	12/23/10	NO <sub>x</sub> (20.21 lbs/hr)	(*Not Reported)	This heater exceeded its maximum hourly NO <sub>x</sub> permit limit for 1 hour due to the heater running near the permitted firing rate in	LAC 33:III.501.C.4