

AIR CO/ WN0005-E / RP

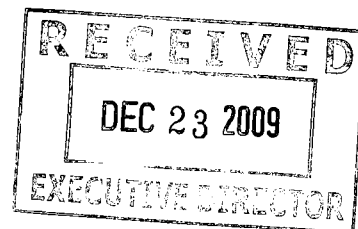


Targa North Texas LP
383 CR 1745
Chico, Texas 76431

December 22, 2009

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

RECEIVED
JUN 01 2010
TCEQ
CENTRAL FILE ROOM



Executive Director
c/o Air Section Manager
Region 4
Texas Commission on Environmental Quality
2301 Gravel Drive
Fort Worth, Texas 76118-6951

Re: Semiannual Deviation Report and Compliance Certification – Title V Operating Permit
Targa North Texas LP
Chico Gas Plant Account No. WN0005E, Permit No. O-00859

Dear Executive Director:

Enclosed please find the semiannual deviation report and compliance certification for the Chico Gas Plant operated by Targa North Texas LP for the period of 05/27/2009 – 11/26/2009.

If you have any questions, please contact, the undersigned at 940-644-2233, Ext. 225 or Jessica Keiser at 713-584-1084.

Sincerely,


Dena Taylor
Regional Environmental Specialist

Attachments

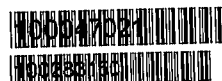
cc: EPA Region 6 – Dallas w/ attachments
Clark White - Midland w/ attachments
Jessica Keiser – Houston w/ attachments
J. Oxford – Chico w/ attachments ENV / A / Title V / Chico Plant Permit
File 801A.2 (Title V – Chico Plant)

AIR CO/ REPORTS 12/22/2009

1st: WN0005E 2nd: Vol: 001

BBC: 100047021

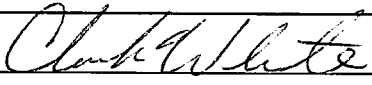
IBC: 100283150





Form OP-CRO1
Certification by Responsible Official
Federal Operating Permit Program

All initial permit application, revision, renewal, and reopening submittals requiring certification must be addressed using this form. Updates to site operating permit (SOP) and temporary operating permit (TOP) applications, other than public notice verification materials, must be certified prior to authorization of public notice or start of public announcement. Updates to general operating permit (GOP) applications must be certified prior to receiving an authorization to operate under a GOP.

I. IDENTIFYING INFORMATION		
A. RN: 100238716	B. CN: 603034844	C. Account No.: WN0005E
D. Permit No.: O-00859	E. Project No.:	
F. Area Name: Chico Gas Plant		
G. Company Name: Targa North Texas L P		
II. CERTIFICATION TYPE <i>(Please mark the appropriate box)</i>		
A. <input checked="" type="checkbox"/> Responsible Official:		B. <input type="checkbox"/> Duly Authorized Representative:
III. SUBMITTAL TYPE <i>(Place an "X" in the appropriate box) (Only one response can be accepted per form)</i>		
<input type="checkbox"/> SOP/TOP Initial Permit Application	<input type="checkbox"/> Update to Permit Application	
<input type="checkbox"/> GOP Initial Permit Application	<input type="checkbox"/> Permit Revision, Renewal, or Reopening	
<input checked="" type="checkbox"/> Other: Semi-Annual Deviation		
IV. CERTIFICATION OF TRUTH		
This certification does not extend to information which is designated by the TCEQ as information for reference only.		
I, <u>Clark White</u> , certify that I am the <u>Responsible Official</u> for this application <i>(Certifier Name printed or typed) (RO or DAR)</i>		
and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period in Section IV.A below, or on the specific date(s) in Section IV.B below, are true, accurate, and complete:		
<i>Note: Enter EITHER a Time Period OR Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).</i>		
A. Time Period: From _____ to _____ <i>Start Date* End Date*</i>		
OR		
B. Specific Dates: 12/22/2009 _____ <i>Date 1* Date 2* Date 3* Date 4* Date 5* Date 6* Date 7* Date 8*</i>		
<i>*The Time Period option may only be used when the "Submittal Type" is 'Update to Permit Application' and there are multiple uncertified submittals; or a submittal package has multiple dates recorded in the documentation. Do not use the Time Period option if the "Submittal Type" is 'Other.'</i>		
Signature: <u></u> Signature Date: <u>12-22-09</u>		
Title: <u>Vice President – Permian Basin & North Texas Field Processing</u>		



**Form OP-CRO1
Certification (Extension)
Federal Operating Permit Program**

V. ADDITIONAL IDENTIFYING INFORMATION	
A. Account No.:	B. RN:
C. CN:	D. Permit No.:
E. Project No.:	F. Area Name:
A. Account No.:	B. RN:
C. CN:	D. Permit No.:
E. Project No.:	F. Area Name:
A. Account No.:	B. RN:
C. CN:	D. Permit No.:
E. Project No.:	F. Area Name:
A. Account No.:	B. RN:
C. CN:	D. Permit No.:
E. Project No.:	F. Area Name:
A. Account No.:	B. RN:
C. CN:	D. Permit No.:
E. Project No.:	F. Area Name:
A. Account No.:	B. RN:
C. CN:	D. Permit No.:
E. Project No.:	F. Area Name:
A. Account No.:	B. RN:
C. CN:	D. Permit No.:
E. Project No.:	F. Area Name:
A. Account No.:	B. RN:
C. CN:	D. Permit No.:
E. Project No.:	F. Area Name:
A. Account No.:	B. RN:
C. CN:	D. Permit No.:
E. Project No.:	F. Area Name:

Texas Commission on Environmental Quality
Federal Operating Permit Form
Permit Compliance Certification - PCC (Part 1)

AIR CO/RN /RP

Permit Holder Name:

Customer Number /CN:

Area Name:

Account Number:

Operating Permit Number:

Report Submittal Date:

Certification Period Start Date:

End Date:

I. Certification of Continuous Compliance with Permit Terms and Conditions

(Indicate response by placing a 'x' in the appropriate column for each of the following questions)

Response:

With the possible exception of those permit terms and conditions identified in the 'Summary of Deviations' found using, at a minimum, but not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information, was the permit holder in continuous compliance with all the terms and conditions of the permit over the Certification Period?

☒ Yes

☐ No

II. Summary of Deviations

(Indicate response by placing a 'x' in the appropriate column for each of the following questions)

Response:

A. Were there any deviations from any permit requirements during the Certification Period that have *previously* been reported to the agency?

If the answer to this question is 'Yes', please complete and attach Part 2 to this submittal.

Important Note: If previously submitted reports did not contain specific information on monitoring methods, frequency and the total number of deviations experienced over the entire certification period, then use form DevRep to provide that information.

☐ Yes

☒ No

B. Were there any deviations from any terms or conditions of the permit during the Certification Period that are *currently* being submitted to the agency?

If the answer to this questions is 'Yes', please include the relevant reports along with this page.

☒ Yes

☐ No

Texas Commission on Environmental Quality
Federal Operating Permit Form
Permit Compliance Certification - PCC (Part 2)

AIR CO/RN

/RP

Permit Holder Name	
Area Name	
Operating Permit Number	0
Certification Period Start Date	

Customer Number /CN	CN
Account Number	
Report Submittal Date	
End Date	

Identification of Deviation Reports Submitted During the Certification Period
(Note: All reports must be certified to truth, accuracy, and completeness by the Responsible Official)

Report Date	Report Description (Name of Unit, Name of Rule, Driver for Report, etc.)	Report Submitted To	Report Previously Certified?
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

Texas Commission on Environmental Quality
Federal Operating Permit Form
PCC - Monitoring Options Selected (Part 3)

AIR CO/RN

/RP

Permit Holder Name	
Area Name	
Operating Permit Number	0
Certification Period Start Date	

Customer Number	CN
Account Number	
Report Submittal Date	
End Date	

ID Number		Regulatory Requirement (Rule or Permit No. and Prov.)	Pollutant Monitored	SOP or GOP Index Number	Monitoring Option Used	Date		Description/Comments
Unit ID	Group ID GRPXXXXXX				Specification Citation	Begin	End	

TCEQ-10490 [06/08]

Form PCC: This form for use by Federal Operating Permit holders and may be revised periodically.

Print Form

Reset Form

Company Name: Targa North Texas LP
Area Name: Chico Compressor Station
Report Period Began: 05/27/09

Account No.: WN0042V
Operating Permit No.: O-00577
And Ended on: 11/26/09

Unit ID Type: EU Permit Provision No: N/A Pollutant: VOC/NOx /CO Monitoring Rqmt Frequency: N/A
Type of Regulatory Rqmt: 101.1(108) Requirement: Standard SOP or GOP Index No: N/A Monitoring Rqmt Citation: N/A

The following are Emission Events and Maintenance Activities reported/recorded in accordance with 30 TAC 101; however they are not previously authorized in accordance with 30 TAC 116.

MM/DD/YY Time (24:00)	Duration (min)	Scheduled Maintenance / Emission Event	Unit ID	Estimated Qty mcf	Cause of Deviation	Actions Taken to Minimize Emissions
5/28/2009 8:30	1	Maintenance	CM-5	0.4	Operator shutdown to perform preventive maintenance.	Completed 365 day preventive maintenance.
6/2/2009 7:30	1	Emission Event	CM-4	0.4	Low coolant level due to low engine jacket water.	Added water and restarted engine.
6/3/2009 4:00	1	Emission Event	CM-6	0.4	Operator shutdown because engine was making a noise in the 2nd stage.	Tightened loose chain and replaced broken valve seat gaskets.
6/3/2009 10:30	1	Maintenance	CM-3	0.4	Operator shutdown to perform preventive maintenance.	Completed 365 day preventive maintenance.
6/4/2009 17:30	1	Emission Event	CM-6	0.4	Cooler vibration.	Unit goes down when ran over 850 RPM's. Need to adjust center vibration switch.
6/5/2009 8:00	1	Maintenance	CM-3	0.4	Operator shutdown to perform maintenance.	Replaced 3rd stage piston and rod assembly and pressure packing.
6/8/2009 12:00	1	Maintenance	CM-4	0.4	Operator shutdown to perform routine maintenance.	Cleaned unit and restarted unit.
6/8/2009 15:00	1	Maintenance	CM-3	0.4	Operator shutdown to perform routine maintenance.	Cleaned unit and restarted unit.
6/8/2009 15:30	1	Maintenance	CM-5	0.4	Operator shutdown to perform routine maintenance.	Cleaned unit. Fixed gasket leak found on inspection door after unit had been washed.
6/9/2009 7:30	1	Emission Event	CM-3	0.4	High level 1st stage scrubber.	Restarted engine.
6/9/2009 7:30	1	Emission Event	CM-4	0.4	High discharge temperature on 1stage cylinder 2.	Replaced 4 discharge valve on cylinder #4.

Company Name: Targa North Texas LP
Area Name: Chico Compressor Station
Report Period Began: 05/27/09

Account No.: WN0042V
Operating Permit No.: O-00577
And Ended on: 11/26/09

Unit ID Type: EU Permit Provision No: N/A Pollutant: VOC/NOx /CO Monitoring Rqmt Frequency: N/A
Type of Requirement: Standard SOP or GOP Index No: N/A Monitoring Rqmt Citation: N/A
Regulatory Reqmt: 101.1(108)

The following are Emission Events and Maintenance Activities reported/recorded in accordance with 30 TAC 101; however they are not previously authorized in accordance with 30 TAC 116.

MM/DD/YY Time (24:00)	Duration (min)	Scheduled Maintenance / Emission Event	Unit ID	Estimated Qty mcf	Cause of Deviation	Actions Taken to Minimize Emissions
6/10/2009 9:00	1	Emission Event	CM-4	0.4	High discharge temperature on 1stage cylinder 1.	Changed valves on 1st stage.
6/15/2009 16:00	1	Emission Event	CM-3	0.4	High engine oil temperature.	Drained some oil from the crankcase. Oil level was way to high causing oil to overheat.
6/25/2009 17:00	1	Emission Event	CM-4	0.4	High discharge temperature 1st stage cylinder 1 due to weather.	Restarted engine.
6/25/2009 17:00	1	Emission Event	CM-5	0.4	High discharge temperature 2nd stage due to weather.	Restarted engine.
6/26/2009 17:45	1	Emission Event	CM-4	0.4	High discharge temperature 1st stage cylinder 1 due to weather.	Restarted engine.
6/27/2009 17:45	1	Emission Event	CM-4	0.4	High discharge temperature 1st stage cylinder 1 due to weather.	Restarted engine.
7/1/2009 8:00	1	Maintenance	CM-6	0.4	Operator shutdown to perform preventive maintenance.	Completed 90 day preventive maintenance.
7/3/2009 0:00	1	Emission Event	CM-6	0.4	Low coolant level due to low engine jacket water.	Added water and restarted engine.
7/3/2009 19:00	1	Emission Event	CM-6	0.4	Low coolant level due to low engine jacket water.	Added water and restarted engine.
7/4/2009 8:30	1	Emission Event	CM-6	0.4	Low coolant level due to low engine jacket water.	Added water and restarted engine.

Company Name: Targa North Texas LP
Area Name: Chico Compressor Station
Report Period Began: 05/27/09

Account No.: WN0042V
Operating Permit No.: O-00577
And Ended on: 11/26/09

Unit ID Type: EU Permit Provision No: N/A Pollutant: VOC/NOx /CO Monitoring Rqmt Frequency: N/A
Type of Requirement: Standard SOP or GOP Index No: N/A Monitoring Rqmt Citation: N/A
Regulatory Reqmt: 101.1(108)

The following are Emission Events and Maintenance Activities reported/recorded in accordance with 30 TAC 101; however they are not previously authorized in accordance with 30 TAC 116.

MM/DD/YY Time (24:00)	Duration (min)	Scheduled Maintenance / Emission Event	Unit ID	Estimated Qty mcf	Cause of Deviation	Actions Taken to Minimize Emissions
7/10/2009 12:30	1	Maintenance	CM-4	0.4	Operator shutdown to perform preventive maintenance.	Completed 90 day preventive maintenance.
7/11/2009 13:30	1		CM-3	0.4	High level 1st stage scrubber.	Restarted engine.
7/18/2009 8:00	1	Emission Event	CM-3	0.4	High level 1st stage scrubber.	Restarted engine.
7/19/2009 18:00	1	Emission Event	CM-3	0.4	High level 1st stage scrubber.	Restarted engine.
7/19/2009 18:00	1	Emission Event	CM-5	0.4	Low oil pressure.	Restarted engine.
7/22/2009 12:30	1	Emission Event	CM-6	0.4	High engine jacket water temperature due to broken belt.	Replaced fan belts.
7/27/2009 6:45	1	Emission Event	CM-3	0.4	High level 1st stage scrubber.	Restarted engine.
7/27/2009 13:45	1	Emission Event	CM-3	0.4	High discharge pressure on 3rd stage.	Restarted engine.
7/27/2009 22:00	1	Emission Event	CM-3	0.4	High level 1st stage scrubber.	Restarted engine.
7/28/2009 7:30	1	Emission Event	CM-3	0.4	High level 1st stage scrubber.	Restarted engine.
7/29/2009 10:00	1	Emission Event	CM-3	0.4	High level 1st stage scrubber.	Restarted engine.
8/4/2009 14:00	1	Emission Event	CM-3	0.4	High level 2nd stage scrubber.	Dumped scrubber and restarted engine.

Company Name: Targa North Texas LP
Area Name: Chico Compressor Station
Report Period Began: 05/27/09

Account No.: WN0042V
Operating Permit No.: O-00577
And Ended on: 11/26/09

Unit ID Type: EU Permit Provision No: N/A Pollutant: VOC/NOx /CO Monitoring Rqmt Frequency: N/A

Regulatory Reqmt: 101.1(108) Type of Requirement: Standard SOP or GOP Index No: N/A Monitoring Rqmt Citation: N/A

The following are Emission Events and Maintenance Activities reported/recorded in accordance with 30 TAC 101; however they are not previously authorized in accordance with 30 TAC 116.

MM/DD/YY Time (24:00)	Duration (min)	Scheduled Maintenance / Emission Event	Unit ID	Estimated Qty mcf	Cause of Deviation	Actions Taken to Minimize Emissions
8/5/2009 6:00	1	Emission Event	CM-5	0.4	Low suction pressure due to low air pressure.	Air compressor was down and restarted engine.
8/8/2009 14:00	1	Emission Event	CM-5	0.4	High discharge temperature in 2nd stage due to valve failure.	Replaced discharged valves on #3 cylinder.
8/9/2009 13:30	1	Emission Event	CM-5	0.4	High 2nd interstage pressure due to valve failure.	Replaced 2nd stage discharge valves.
8/18/2009 14:00	1	Emission Event	CM-5	0.4	High discharge temperature on 2nd stage.	Replaced 2nd stage rings and valves.
8/18/2009 14:30	1	Emission Event	CM-3	0.4	Ignition harness failure	Restarted engine.
8/19/2009 13:30	1	Emission Event	CM-3	0.4	Ignition harness failure	Restarted engine.
8/25/2009 8:00	1	Emission Event	CM-6	0.4	High discharge temperature on 3rd stage.	Replaced 3rd stage compressor valves.
8/25/2009 9:00	1	Emission Event	CM-3	0.4	High discharge temperature 3rd stage.	Replaced 3rd stage compressor valves.
8/25/2009 11:00	1	Emission Event	CM-5	0.4	High discharge temperature 2nd stage.	Replaced 2nd stage compressor valves.
8/25/2009 18:30	1	Emission Event	CM-5	0.4	High discharge temperature on 1st stage cylinder 2.	Inspected compressor valves and rings.

Company Name: Targa North Texas LP
Area Name: Chico Compressor Station
Report Period Began: 05/27/09

Account No.: WN0042V
Operating Permit No.: O-00577
And Ended on: 11/26/09

Unit ID Type: EU Permit Provision No: N/A Pollutant: VOC/NOx /CO Monitoring Rqmt Frequency: N/A
Type of Requirement: Standard SOP or GOP Index No: N/A Monitoring Rqmt Citation: N/A
Regulatory Reqmt: 101.1(108)

The following are Emission Events and Maintenance Activities reported/recorded in accordance with 30 TAC 101; however they are not previously authorized in accordance with 30 TAC 116.

MM/DD/YY Time (24:00)	Duration (min)	Scheduled Maintenance / Emission Event	Unit ID	Estimated Qty mcf	Cause of Deviation	Actions Taken to Minimize Emissions
8/29/2009 18:00	1	Emission Event	CM-5	0.4	High discharge temperature 2nd stage.	Replaced both 2nd stage outboard discharge valves.
8/29/2009 19:30	1	Emission Event	CM-3	0.4	High discharge pressure.	Restarted engine.
8/30/2009 10:30	1	Emission Event	CM-6	0.4	High engine jacket water temperature due to broken belt.	Replaced fan belts.
8/30/2009 14:30	1	Maintenance	CM-5	0.4	Operator shutdown to perform preventive maintenance.	Completed 90 day preventive maintenance.
9/13/2009 13:00	1	Maintenance	CM-3	0.4	Operator shutdown to perform preventive maintenance.	Completed 90 day preventive maintenance.
9/13/2009 9:00	1	Maintenance	CM-4	0.4	Operator shutdown to perform preventive maintenance.	Completed 365 day preventive maintenance.
9/18//2009 8:30	1	Maintenance	CM-6	0.4	Operator shutdown to perform preventive maintenance.	Completed 90 day preventive maintenance.
9/21/2009 20:30	1	Emission Event	CM-5	0.4	Low coolant pressure due to weather.	Restarted engine.

Company Name: Targa North Texas LP
Area Name: Chico Compressor Station
Report Period Began: 05/27/09

Account No.: WN0042V
Operating Permit No.: O-00577
And Ended on: 11/26/09

Unit ID Type: EU Permit Provision No: N/A Pollutant: VOC/NOx /CO Monitoring Rqmt Frequency: N/A
Type of Requirement: Standard SOP or GOP Index No: N/A Monitoring Rqmt Citation: N/A
Regulatory Reqmt: 101.1(108)

The following are Emission Events and Maintenance Activities reported/recorded in accordance with 30 TAC 101; however they are not previously authorized in accordance with 30 TAC 116.

MM/DD/YY Time (24:00)	Duration (min)	Scheduled Maintenance / Emission Event	Unit ID	Estimated Qty mcf	Cause of Deviation	Actions Taken to Minimize Emissions
9/22/2009 10:00	1	Emission Event	CM-6	0.4	Operator shut unit down due to leak.	Replaced o-ring, changed oil, and cleaned up oil leak.
9/24/2009 8:30	1	Emission Event	CM-5	0.4	Unit down due to bearing failure.	Replaced compressor rod bearings, wrist pin bushing and crossshear pin.
9/28/2009 17:00	1	Emission Event	CM-6	0.4	High engine jacket water temperature due to broken belt.	Tightened fan belts
10/1/2009 8:00	1	Maintenance	CM-4	0.4	Operator shutdown to perform preventive maintenance.	Completed 365 day preventive maintenance.
10/1/2009 9:00	1	Maintenance	CM-4	0.4	Operator shutdown to perform preventive maintenance.	Began working on 365 day preventive maintenance.
10/6/2009 9:00	1	Emission Event	CM-5	0.4	Compressor vibration due to cylinder failure.	Changed compressor piston.
10/16/2009 14:30	1	Emission Event	CM-5	0.4	Low coolant pressure due to spark plug failure.	Changed spark plugs and adjusted fan pitch.
10/18/2009 12:00	1	Maintenance	CM-3	0.4	Operator shutdown to perform maintenance.	Adjusted fan pitch.
10/18/2009 15:15	1	Maintenance	CM-5	0.4	Operator shutdown to perform maintenance.	Changed hot 2nd stage discharge valves.
10/22/2009 6:15	1	Emission Event	CM-6	0.4	Unit went down on overspeed.	Restarted engine.

Company Name: Targa North Texas LP
Area Name: Chico Compressor Station
Report Period Began: 05/27/09

Account No.: WN0042V
Operating Permit No.: O-00577
And Ended on: 11/26/09

Unit ID Type: EU Permit Provision No: N/A Pollutant: VOC/NOx /CO Monitoring Rqmt Frequency: N/A
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MM/DD/YY Time (24:00)	Duration (min)	Scheduled Maintenance / Emission Event	Unit ID	Estimated Qty mcf	Cause of Deviation	Actions Taken to Minimize Emissions
10/22/2009 6:15	1	Emission Event	CM-5	0.4	Ignition harness failure	Repaired connection and restarted unit.
10/29/2009 14:30	1	Emission Event	CM-3	0.4	High level 3rd stage scrubber.	Restarted engine.
10/29/2009 14:30	1	Emission Event	CM-6	0.4	Low coolant pressure due to low level engine jacket water.	Added water and restarted engine.
11/3/2009 14:00	1	Maintenance	CM-5	0.4	Operator shutdown to perform maintenance.	Replaced blowdown valve.
11/16/2009 7:00	1	Emission Event	CM-6	0.4	Engine overspeed.	Restarted engine.
11/18/2009 8:30	1	Emission Event	CM-3	0.4	High discharge pressure.	Restarted engine.
11/18/2009 9:00	1	Emission Event	CM-5	0.4	Low coolant pressure.	Restarted engine.
11/18/2009 10:00	1	Emission Event	CM-6	0.4	Down on no alarms.	Replaced 4" orbit by-pass.
11/19/2009 21:00	1	Emission Event	CM-5	0.4	Low oil pressure due to spark plug failure.	Replaced spark plugs.
11/24/2009 4:30	1	Emission Event	CM-6	0.4	Unit went down on overspeed.	Restarted engine.

Account No.: WN0042V
Operating Permit No.: O-00577
And Ended on: 11/26/09

The following are Emission Events and Maintenance Activities reported/recorded in accordance with 30 TAC 101; however they are not previously authorized in accordance with 30 TAC 116.

[illegible]