

Robert J. Huston, *Chairman*  
R. B. "Ralph" Marquez, *Commissioner*  
John M. Baker, *Commissioner*  
Jeffrey A. Saitas, *Executive Director*



IXO

AIR ERC\_100211069-80828\_  
CE\_20010723\_Certification

## TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

*Protecting Texas by Reducing and Preventing Pollution*

July 23, 2001

Mr. Mark Dozier  
Environmental Coordinator  
Vintage Petroleum, Inc.  
P.O. Box 308  
Vanderbilt, Texas 77991

Re: Emission Reduction Credit Application  
Permit No. M  
Trinity Bay F-1 Platform  
Baytown, Chambers County  
Account ID No. CI-0177-Q

Dear Mr. Dozier:

This is in reply to the above-referenced application for emission reduction credits, ERC-1 form dated May 15, 2001. We acknowledge the discussions held with you over the telephone on July 17, 2001 when you requested voidance of your pending Emission Reduction Credit application in order for you to retain future allowances allocated to these facilities under the Mass Emission Cap and Trade Program. Your application was administratively voided on July 18, 2001. You are expected to initiate a new application process for the Mass Cap and Trade Program by filling out Form ECT-3.

If you need further information or have any questions, please call Mr. Innocent Onuoha at (512) 239-4042. If you need further assistance regarding the banking program or future transactions, please call me at (512) 239-1091 or write to me at the Texas Natural Resource Conservation Commission, Office of Permitting, Remediation, and Registration, Air Permits Division (MC-162), P.O. Box 13087, Austin, Texas 78711-3087.

Sincerely,

A handwritten signature in black ink, appearing to read "M. Baker".

Matthew R. Baker  
Emissions Credit Trading Coordinator  
Air Permits Division

MB/IO/th

cc: Mr Arturo Blanco, Air Program Manager, Region 12-Houston

**Emission Reduction Credits (ERC) Verification  
SOURCE ANALYSIS & TECHNICAL REVIEW**

Permit No: **M**  
Project Type: **VERC**  
Record No: **80828**  
Account No: **CI-0177-Q**  
Engineer: **Innocent Onuoha**

Company: **Vintage Petroleum, Inc.**  
Facility Name: **Trinity Bay F-1 Platform**  
City: **Baytown**  
County: **Chambers**

**PROJECT OVERVIEW**

Vintage Petroleum Inc. submitted Form EC-1 (Application for the Certification of Emission Reduction Credits) on May 15, 2001 for the shutdown of EPN: COMP 2 at their Trinity Bay F-1 platform facility. EPN:COMP-2 was shutdown in July 1999 and generated a claimed credit of 5.75 tpy of NO<sub>x</sub> and 4.94 tpy of VOC.

Mr. Mark Dozier, Environmental Coordinator for Vintage Petroleum was informed on June 27, 2001 that the facility generating these reduction credits are subject to the Mass Cap and Trade program. In addition, he was told that in order to claim the ERCs from this reductions, Vintage Petroleum Inc. would require to take a permanent reduction in the amount of allowances they would receive under the MECT program. Mr. Dozier decided that due to the size of credit being generated it would be in their best interest to void the pending ERC application and retain any future allowances allocated to Vintage Petroleum Inc. for the facility. The EBTP received a telephone call from Vintage Petroleum Inc. (represented by Mr Mark Dozier) on July 17, 2001 requesting the voidance of Form EC-1 and a decision to re-submit a fresh application under the MECT (Form ECT-3).

**Emission Reductions Summary**

N/A

**Emission Reduction Calculation Methods**

N/A

**Chapter 101, Subchapter H**

- (A) Applicable Pollutants: VOC & NO<sub>x</sub>
- (B) Date reduction achieved: 07/1999
- (C) Eligible Source - Stationary Source
- (D) Expiration date: N/A
- (E) Ozone nonattainment Area: Houston/Galveston
- (F) Was the facility reported or represented in the most recent Emission Inventory used for a SIP determination? N/A  
If yes, is that EI equal to or greater to the amount of credit being claimed for this reduction?
- (F) Enforcement Mechanism: N/A
- (G) Is the facility(s) generating these emission reductions subject to the HGA NO<sub>x</sub> Cap & Trade program? Yes
- (H) If the facility(s) is subject to the HGA NO<sub>x</sub> Cap & Trade program, have they requested a permanent reduction in the number of allowances allocated to their site based on this reduction?  
No

Permit No. M

# TECHNICAL REVIEW

Account No. CI-0177-Q

## Conclusion

Vintage Petroleum's ERC application has been voided, therefore Vintage shall retain any future allowances allocated under the MECT program for the facility.



07.23.01



7/23/01

Permit Engineer

Date

Team Leader/Section Manager/Backup

Date



# NSRP IMS - PUBLIC NOTICE

PROJECT#: 80828 PERMIT #: M ACCOUNT: CI-0177-Q TECHENGR: MRB1

ISSUED TO: Vintage Petroleum, Inc.

<Public Notice>

Public Notice Required?: ???

<Public Notice One>

Authorization Date: \_\_\_\_\_  
Publication Date: \_\_\_\_\_  
End of Notice Period: \_\_\_\_\_  
Alternative Language Required: \_\_\_\_\_

<Public Notice Two>

Authorization Date: \_\_\_\_\_  
Publication Date: \_\_\_\_\_  
End of Notice Period: \_\_\_\_\_  
Alternative Language Required: \_\_\_\_\_

<Public Meeting>

Date First Requested: \_\_\_\_\_  
Date of Meeting: \_\_\_\_\_  
Disposal Code (PM,PH,W): \_\_\_\_\_  
Number of Requests: \_\_\_\_\_ 0

<Public Hearing>

Date First Requested: \_\_\_\_\_  
Date of Meeting: \_\_\_\_\_  
Disposal Code (PM,PH,W): \_\_\_\_\_  
Number of Requests: \_\_\_\_\_ 0

<Response to Comments>

Start of RTC Draft Period: \_\_\_\_\_  
End of RTC Draft Period: \_\_\_\_\_  
Date RTC Sent to Legal: \_\_\_\_\_  
Date RTC Filed with OCC: \_\_\_\_\_  
Start of Comment Period: \_\_\_\_\_  
End of Comment Period: \_\_\_\_\_

<Miscellaneous>

No. of Mailing List Requests: \_\_\_\_\_ 0  
Number of Comments: \_\_\_\_\_ 0

PROJECT#: 80828 GROUP: EBTP PERMIT #: M STDX1/SP:  
RECEIVED: 05/23/2001 TECHENGR: MRB1 PROJTYPE: VERC PSD-TX #: <NONE>  
ISSUEDTO: Vintage Petroleum, Inc. PROJLINK: <NONE>  
UNITNAME: Trinity Bay F-1 Platform ACCOUNT: CI - 0177 - Q

\*\* NOTE1 (TECH): NONE  
\*\* NOTE2 (PROV): NONE

EMISSION RATES: No Emission Rates to report for this project.

<No Valid Relations Exist>

REC#	ENGR	PERMIT#	TYPE	COMPANY	UNIT	RECEIVED	DISPOSED	CODE	PSDTX#
0						/ /	/ /		

PROJECT#: 80828      PREPERM: \_\_\_\_\_      GROUP: EBTP      PERMIT #: M  
 RECEIVED: 05/23/2001      REG6NOV: \_\_\_\_\_      TECHENGR: IX01      PROJTYPE: VERC  
 FEE DATE: \_\_\_\_\_      DATE BO: \_\_\_\_\_      Innocent Onuoha      STDX1/SP: \_\_\_\_\_  
 FEE AMT.: \$ 0      BD-ORD#: - -      NEWJOBS: 0      182(F): N/F  
 ISSUED TO: Vintage Petroleum, Inc.      PSD-TX #: <NONE>  
 PROJLINK: <NONE>

<PRIMARY CONTACT INFORMATION>

NAME: Mr. Mark Dozier      TITLE: Environmental Coordinator  
 BUILDING: \_\_\_\_\_      PHONE: (361) 284-7487  
 STREET: P.O. Box 308      FAX: (361) 284-7460  
 CITY, STATE, ZIP: Vanderbilt, Texas, 77991      COUNTRY: US

<PROJECT INFORMATION>

UNIT: Trinity Bay F-1 Platform      SIC: \_\_\_\_\_      REGION: 12  
 ACCOUNT: CI-0177-Q      CAPACITY: \_\_\_\_\_      SCC: \_\_\_\_\_      COUNTY: CHAMBERS  
 UNITTYPE: \_\_\_\_\_      CAPUNITS: \_\_\_\_\_      LAT: \_\_\_\_\_      CITY: Baytown  
 LOCATION: \_\_\_\_\_      LONG: \_\_\_\_\_  
 DETAIL: \_\_\_\_\_

PAR RECD: \_\_\_\_\_      DEFICIENT LETTER: \_\_\_\_\_      RFC-SR: \_\_\_\_\_  
 PAR TRANS: \_\_\_\_\_      TECH. COMPLETE: \_\_\_\_\_      RFC-DSC: \_\_\_\_\_  
 PAR STAFF: /      COMPLETE LETTER: \_\_\_\_\_      ADMIN DEFICIENT: \_\_\_\_\_  
 ADMINCOMP: \_\_\_\_\_      ED AGENDA POST: \_\_\_\_\_      ESOC: \_\_\_\_\_  
 TRANSENGR: \_\_\_\_\_

<TONS/YR REDUCTION>

NOX      CO      VOC      PM      SO2  
 NSRP REDUCTIONS      0.0      0.0      0.0      0.0      0.0

STATUS: \_\_\_\_\_

<PROJECT ACTIVITY HISTORY>

NO	DATE	CODE	NO	DATE	CODE	TELCONS	NO	MISC.	MIS CODE
1	/ /		1	/ /		/ /	1	/ /	
2	/ /		2	/ /		/ /	2	/ /	
3	/ /		3	/ /		/ /	3	/ /	
4	/ /		4	/ /		/ /	4	/ /	
5	/ /		5	/ /		/ /	5	/ /	
6	/ /		6	/ /		/ /	6	/ /	
7	/ /		7	/ /		/ /	7	/ /	
8	/ /		8	/ /		/ /	8	/ /	
9	/ /		9	/ /		/ /	9	/ /	
10	/ /		10	/ /		/ /	10	/ /	

<CODES: E=ENGINEER, C=COMPANY, O=OTHER, ?=PARTIAL, \*=COMPLETE>

NSPS CODE: \_\_\_\_\_      N.A. COUNTY: YES      NON-PSD-MAJOR: ???      <LOCAL PROGRAMS>  
 NESHAP CODE: \_\_\_\_\_      N.A.NET.REQ: ???      PSD NET. REQ: ???      COUNTY: NO  
 MACT CODE: ???      N.A.REV.REQ: ???      PSD REV. REQ: ???      CITY: NO

<PROJECT DISPOSAL>

CHIEF SIGN: \_\_\_\_\_      BY: \_\_\_\_\_  
 DATE ISSUED: \_\_\_\_\_      CODE: \_\_\_\_\_

PROCESSING DAYS & RESPONSIBILITY      07/18/2001  
 >> ENG: 56      COMP: 0      OTHER: 0  
 WARN: None

**NSRP IMS - PUBLIC NOTICE**

PROJECT#: 80828 PERMIT #: M ACCOUNT: CI-0177-Q TECHENGR: IX01

ISSUED TO: Vintage Petroleum, Inc.

<Public Notice>

Public Notice Required?: ???

<Public Notice One>

Authorization Date: \_\_\_\_\_  
Publication Date: \_\_\_\_\_  
End of Notice Period: \_\_\_\_\_  
Alternative Language Required: \_\_\_\_\_

<Public Notice Two>

Authorization Date: \_\_\_\_\_  
Publication Date: \_\_\_\_\_  
End of Notice Period: \_\_\_\_\_  
Alternative Language Required: \_\_\_\_\_

<Public Meeting>

Date First Requested: \_\_\_\_\_  
Date of Meeting: \_\_\_\_\_  
Disposal Code (PM,PH,W): \_\_\_\_\_  
Number of Requests: \_\_\_\_\_ 0

<Public Hearing>

Date First Requested: \_\_\_\_\_  
Date of Meeting: \_\_\_\_\_  
Disposal Code (PM,PH,W): \_\_\_\_\_  
Number of Requests: \_\_\_\_\_ 0

<Response to Comments>

Start of RTC Draft Period: \_\_\_\_\_  
End of RTC Draft Period: \_\_\_\_\_  
Date RTC Sent to Legal: \_\_\_\_\_  
Date RTC Filed with OCC: \_\_\_\_\_  
Start of Comment Period: \_\_\_\_\_  
End of Comment Period: \_\_\_\_\_

<Miscellaneous>

No. of Mailing List Requests: \_\_\_\_\_ 0  
Number of Comments: \_\_\_\_\_ 0



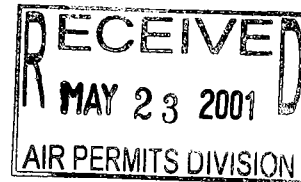


*VINTAGE PETROLEUM, INC.*

May 15, 2001

Mr. Matt Baker  
Emission Credit Banking and Trading Section  
Texas Natural Resource Conservation Commission  
P.O. Box 13087  
MC-162  
Austin, Texas 78711-3087

Sent via Certified Mail, Return Receipt Requested  
Receipt Number 7099340000792401320



Re: Application for Emission Credits and Certification  
Vintage Petroleum Inc.  
Trinity Bay F-1 Platform  
TNRCC Account Code: CI-0177-Q  
Chambers County, Texas

Dear Mr. Baker:

Vintage Petroleum Inc. request review and certification for emission reduction credits at the referenced facility. Shintaux Environmental Services, Inc., has prepared the attached package per Vintage Petroleum Inc. request.

Should you have any questions or need additional data, please call myself at (361)284-7487 or John Connolly at (225)383-8656.

Sincerely,

Mark Dozier  
Environmental Coordinator  
Vintage Petroleum Inc.

80828

cc: Galveston District, Don Williams, Hung Nguyen, Terry McDonald, Correspondence File, Central File, Banking/Credit File, F-1 Platform File

*FM 616 2 miles SW P.O. Box 308 Vanderbilt, TX 77991  
Office: (512) 284-7400 Fax: (512) 284-7460*

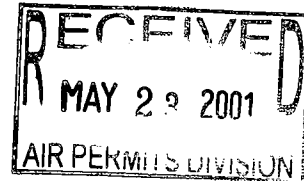
# Shinteaux Environmental Services, Inc.

251 Florida Street, Suite 215 • Baton Rouge, LA 70801 • (225) 383-8656 • FAX (225) 383-5990

May 10, 2001

Mr. Matt Baker  
Emission Credit Banking and Trading Section  
Texas Natural Resource Conservation Commission  
12100 Park 35 Circle, Building C  
Austin, Texas 78753  
MC-162  
512/239-1165

Re: Application for Emission Credits and Certification  
Vintage Petroleum, Inc.  
Trinity Bay F-1 Platform  
TNRCC Account Code: CI-0177-Q  
Chambers County, Texas



Dear Mr. Baker,

Vintage Petroleum, Inc. (Vintage) requests review and certification, by the TNRCC Executive Director, for emission reduction credits at the referenced facility. This request is made pursuant to 30 TAC 101.29 (Emission Credit Banking and Trading). The subject emissions are eligible for credit due to a stationary reciprocating natural gas fired internal combustion engine being removed from service.

Vintage has generated the subject emission reduction credits from an actual reduction in emissions of VOC and NO<sub>x</sub> that occurred at the facility to produce a level of emissions below its highest level since the 1990 emission inventory. The subject emission reduction has been analyzed for credit ability based on the evaluation that the emission reduction is enforceable, permanent, quantifiable, real, and surplus.

The emission reductions are enforceable and permanent due the submittal of the attached Form OP-CRE1. The emissions are quantifiable due to the reliance on actual performance tests, annual process rate data, Emission Inventory reports, run time data and/or calculations based on good engineering practices. The emission reductions are real because the emission baseline does not exceed the values reported in a 1990 or subsequent emissions inventory. The emission reductions are surplus because they were not required by a state or federal law, regulation, or agreed order at this time or the time of use. The subject reductions were not relied upon for the issuance of a NNSR permit, PSD permit, or required by a MACT standard.

Emission point COMP-2 has been permanently taken out of service in order to qualify for emission reduction credits. Vintage relied upon operating and test data that was utilized to prepare the Emission Inventory reports to calculate the emission reduction for COMP-2.

Attached is a completed, signed and certified Form ERC-1 and Form OP-CRE1. Additionally, attached are copies of calculations and supporting data illustrating the baseline emissions, the new allowable emission rate, and the claimed emission reduction.

Pursuant to TNRCC revised 30 TAC 101.29, Vintage requests that the proposed emission reductions, expressed in tons per year, be approved for potential future trading, sale, offsetting requirements of a NNSR permit, NNSR netting, mitigation offsets, compliance with RACT requirements, and other applications allowed by the "Trading Rule".

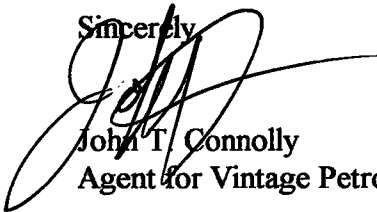
In order to prepare this application, Vintage relied upon data provided by the TNRCC, Exxon Company, USA (previous operator), facility files, and guidance from TNRCC personnel. TNRCC personnel searched the files in Austin to obtain copies of all EI reports filed since 1990. The records found by the TNRCC illustrate that the emission rates reported on the EI reports were measured and calculated rates based on actual stack test data, design capacity, daily process rates for each engine, and annual process rates for each engine.

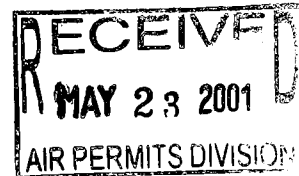
Should the TNRCC find any of the data contained herein to be erroneous or incorrect, please immediately notify Vintage Petroleum, Inc..

The applicant requests that the Executive Director issue an ERC certificate to Vintage Petroleum, Inc. for the creditable reductions illustrated in the attached Form ERC-1.

Should you have any questions or need any additional data, please call John Connolly at 225-383-8656.

Sincerely,

  
John T. Connolly  
Agent for Vintage Petroleum, Inc.



cc: Mr. Mark Dozier  
Vintage Petroleum, Inc.  
PO Box 308  
Vanderbilt, Texas 77991

attachments



**Form EC-1 (Page 1)**  
**Application for Certification of Emission Credits**  
**(Title 30 Texas Administrative Code § 101.300 - § 101.304)**

<b>I. COMPANY IDENTIFYING INFORMATION</b>		
A. Company Name: Vintage Petroleum, Inc.		
B. Owner or Operator of Generator Source: Vintage Petroleum, Inc.		
C. Plant/Site Name: Trinity Bay F-1 Platform		
D. Street Address: See attached plat (Facility is located in Trinity Bay)		
E. Nearest City: Baytown	F. Zip Code:	
G. County: Chambers	H. Primary SIC: 1131	
I. Latitude (nearest second): N29 25' 7"		Longitude (nearest second): W94 44' 8"
J. TNRCC Account No.: CI-0177-Q	K. Air Permit No: O-02142	Alteration needed with this action? No
L. Telephone: 361-284-7487		M. Fax: 361-284-7460
N. Mailing Address: P.O. Box 308		
O. City: Vanderbilt	State: TX	Zip Code: 77991
<b>II. TECHNICAL CONTACT IDENTIFYING INFORMATION</b>		
A. Technical Contact Name: ( <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.) Mark Dozier		
B. Technical Contact Title: Environmental Coordinator		
C. Telephone: 361-284-7487	D. Fax: 361-284-7460	E. E-Mail: doziern@tisd.net
F. Mailing Address: P.O. Box 308		
G. City: Vanderbilt	State: TX	Zip Code: 77991
<b>III. CONTACT FOR SALE OF CERTIFICATE</b>		
A. Contact Name: ( <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.) Mark Dozier		
B. Sale Contact Title: Environmental Coordinator		
C. Telephone: 361-284-7487	D. Fax: 361-284-7460	E. E-Mail: doziern@tisd.net
F. Mailing Address: P.O. Box 308		
G. City: Vanderbilt	State: TX	Zip Code: 77991
<b>IV. REDUCTION ACTIVITY: Attach complete description of activity.</b>		
<input checked="" type="checkbox"/> Shutdown	<input type="checkbox"/> Process improvement	
<input type="checkbox"/> Permanent curtailment of operation hours	<input type="checkbox"/> Addition of/change to control equipment or method	
<input type="checkbox"/> Permanent curtailment of production or operating rate	<input type="checkbox"/> Other (Attach description)	
<b>V. ENFORCEABLE MECHANISM: Select method which will establish the allowable emission rate after the reduction.</b>		
<input type="checkbox"/> Permit No. _____	<input type="checkbox"/> Agreed Order	
<input type="checkbox"/> PI-8 (include with application)	<input checked="" type="checkbox"/> OP-CRE (include with application)	

**RECEIVED**  
MAY 23 2001  
AIR PERMITS DIVISION



**Form EC-1 (Page 2)**  
**Application for Certification of Emission Credits**  
**(Title 30 Texas Administrative Code § 101.300 - § 101.304)**

**VI. EMISSIONS RATE DATA**

Attach documentation which demonstrates the basis for each value represented in the following table.

EPN	FIN	Unit Type	Pollutant	Year	Baseline Activity		Baseline ER		Regulatory ER <sup>a</sup>		Actual Emissions		Allowable <sup>c</sup> Emissions	Emissions Inv.		Creditable ERCs	
					Activity	Data Source <sup>d</sup>	Emission Rate	Data Source <sup>d</sup>	Emission Rate	Data Source <sup>d</sup>	Emissions	Average <sup>b</sup>		Year	Tons		
COMP-2	COMP-2	Compr. Engine	NOx	1997	8640		18.04	S.T.	.5	Ch. 117	5.71	5.75	0			5.75	
				1998	8760		18.04	S.T.	.5	Ch. 117	5.79						
COMP-2	COMP-2	Compr. Engine	VOC	1997	8640		.43	AP-42			4.91	4.94	0			4.94	
				1998	8760		.43	AP-42			4.97						

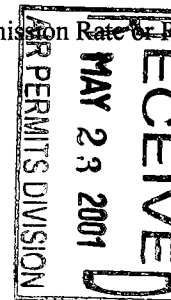
<sup>a</sup> The reported Regulatory Emission Rate will be the lower of the regulatory emission rate during the baseline year or the regulatory emission rate at the time of registration.

<sup>b</sup> Average emissions are determined by multiplying the yearly Baseline Activity by the lower of the yearly Baseline Emission Rate or Regulatory Emission Rate and taking the average of the two years.

<sup>c</sup> Allowables should be reported in accordance with a permit, Agreed Order, OP-CRE1, PI-8, etc.

<sup>d</sup> Data source is the point of reference for the provided data. (e.g. - operating log, stack test, state regulation, etc.)

\* Emission rates are in grams/bhp-hr.





**Form EC-1 (Page 3)**  
**Application for Certification of Emission Credits**  
**(Title 30 Texas Administrative Code § 101.300 - § 101.304)**

<b>VII. DATE OF REDUCTION: Give date of reduction for each FIN/EPN.</b>		
<b>FIN</b>	<b>EPN</b>	<b>Date of Reduction</b>
COMP-2	COMP-2	July 1999

**VIII. MOST STRINGENT EMISSION RATE**


Describe basis for most stringent emission rate:  Permit \_\_\_\_\_  RACT \_\_\_\_\_  Other:  
 The most stringent emission rate is the Chapter 117 rate of .5 gm/bhp-hr for SRICE.

**IX. PROTOCOL**

Protocol used to calculate ERC: Utilize historical run time and rates used to calculate Emission Inventories to support baseline activities and multiplied these rates by emission factors obtained from Chapter 117 and AP-42 for NOx and VOC's, respectively.

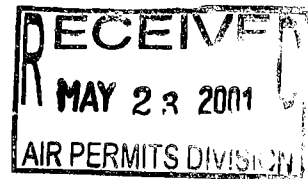
**X. CERTIFICATION BY RESPONSIBLE OFFICIAL**

I, Mr. Mark Dozier, hereby certify that the emission reductions claimed on this notice meet the requirements of 30 TAC Chapter 101, Subchapter H, Division 1 and are not based on an emission strategy prohibited in 30 TAC Chapter 101, Subchapter H, Division 1 to the best of my knowledge and belief and that the information entered in this application is correct to the best of my knowledge and belief.

Signature  Signature Date 5-14-2001

Title Environmental Coordinator

**Mail application to:**  
**Emission Banking and Trading Program**  
**TNRCC MC 162**  
**PO BOX 13087**  
**AUSTIN, TX 78711-3087**



**GALVESTON EQUIPMENT RUNTIME - 1995 - 2000**  
**COMBUSTION EQUIPMENT**

ID	DISTRICT	LOCATION	EQUIPMENT	EQUIPMENT DESCRIPTION	FIN NUMBER	UNIT NUMBER	1995	1996	1997	1998	1999	2000
							Opr Hrs	Opr Hrs	Opr Hrs	Opr Hrs	Opr Hrs	Opr Hrs
58	Galveston	Fishers Reef C-2	Compressor	Cat G398TA / 540hp@1200rpm	COMP-1	GB1418		8317	8437.5	8630	7589	7810.5
61	Galveston	Fishers Reef C-2	Generator Set	Wauky W1197 / 160hp@1200rpm	GEN-1	GB8793		8750	8750	8750	7900	7808
	Galveston	Fishers Reef C-2	Line Heater	1.5 mmbtu/hr	HTR-1							8040
	Galveston	Fishers Reef C-2	Line Heater	1.5 mmbtu/hr	HTR-2							6480
	Galveston	Fishers Reef C-2	Line Heater	1.5 mmbtu/hr	HTR-3							5760
	Galveston	Fishers Reef C-2	Line Heater	1.5 mmbtu/hr	HTR-4							
	Galveston	Fishers Reef C-2	Dehydrator Reboiler	.5 mmbtu/hr	DHR-1			8760	8760	8760	8760	8760
	Galveston	Shore Acres **	Compressor	Cat G398TALE / 570hp@1200rpm	COMPRESSOR -2	GB9004	6985	5254	6155.5	8334	7881	0
44	Galveston	Shore Acres	Compressor	Cat 3516SITA / 1085hp@1200rpm	COMPRESSOR-1	GB0881	7287.5	7884.5	2617	6398.5	25	0
	Galveston	Shore Acres	Dehydrator Reboiler	.5 mmbtu/hr	DHR-1		8760	8760	8760	8760	8760	8760
52	Galveston	Trinity Bay F-1	Salt Water Transfer Pump	Cat G3308NA / 145hp@1800rpm	SWP-1	GB6792					4380	6283.5
53	Galveston	Trinity Bay F-1	Salt Water Transfer Pump	Cat G3306NA / 145hp@1800rpm	SWP-2	GB6789					4380	5867.5
55	Galveston	Trinity Bay F-1	Compressor	IR 12TVR / 1200hp@500rpm	COMP-1	GB104		8583	8684	8760	6489	6338
56	Galveston	Trinity Bay F-1	Compressor	IR 12TVR / 1200hp@500rpm	COMP-2	GB105		7896	8640	8760	1668	672
60	Galveston	Trinity Bay F-1	Generator Set	Wauky W1197 / 160hp@1200rpm	GEN-1	GB8314		8548	8684	8760	8755	8099
	Galveston	Trinity Bay F-1	Dehydrator Reboiler	.5 mmbtu/hr	DHR-1			8760	8760	8760	8760	8760
62	Galveston	Trinity Bay F-2	Generator Set	Wauky F817 / 108hp@1200rpm	GEN-1	GB7885		8520	8616	8088	8314	7128
47	Galveston	Trinity Bay F-3	Generator Set	Minn Moline HD800 / 123hp@1200rpm	GEN-1	GB4163		8566	8566	8085	7732	4539
45	Galveston	Umbrella Point	Compressor	Cat G3308NA / 145hp@800rpm	COMP-1	GB3419						7035
43	Galveston	Umbrella Point - 86 Platform	Compressor	Cat G398TALE / 570hp@1200rpm	COMP-1	GB8000						2168.5

**RECEIVED**  
**MAY 23 2001**  
 AIR PERMITS DIVISION

Source ID: COMP2

Compressor Engine Emission Estimate Worksheet

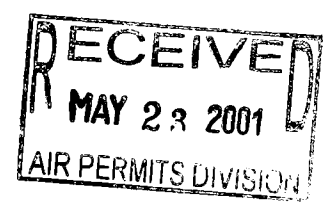
Manufacturer: Ingersol  
 Model: TVR 12  
 Horsepower = 1200  
 Run Time = 8640  
 Conversion: 454 gm/lb

Rated Emissions:  
 NOx= 0.5 gm/bhp-hr - ch 117  
 CO= gm/bhp-hr  
 VOC= 0.43 gm/bhp-hr - AP-42

NOx= 5.709251 tons/year  
 CO= #VALUE! tons/year  
 VOC= 4.909956 tons/year

NOx= 1.321586 lb/hr  
 CO= #VALUE! lb/hr  
 VOC= 1.136564 lb/hr

Emission (lb/hr) = \_\_\_\_\_ gms/bhp-hr x \_\_\_\_\_ bhp x 1 lb/454 gms





Source ID: COMP2

## Compressor Engine Emission Estimate Worksheet

Manufacturer: Ingersol  
 Model: TVR 12  
 Horsepower = 1200  
 Run Time = 8760  
 Conversion: 454 gm/lb

## Rated Emissions:

NOx= 0.5 gm/bhp-hr - ch 117  
 CO= gm/bhp-hr  
 VOC= 0.43 gm/bhp-hr - AP-42

NOx= 5.788546 tons/year  
 CO= #VALUE! tons/year  
 VOC= 4.97815 tons/year

NOx= 1.321586 lb/hr  
 CO= #VALUE! lb/hr  
 VOC= 1.136564 lb/hr

Emission (lb/hr) = \_\_\_\_\_ gms/bhp-hr x \_\_\_\_\_ bhp x 1 lb/454 gms

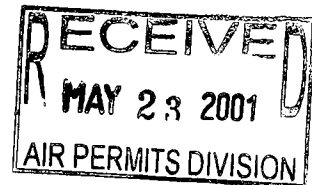


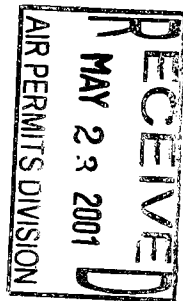
TABLE 3.2-1. (ENGLISH UNITS) CRITERIA EMISSION FACTORS FOR UNCONTROLLED  
NATURAL GAS PRIME MOVERS<sup>a</sup>  
(Source Classification Codes)

Pollutant [Rating]	Gas Turbines (SCC 20200201)		2-Cycle Lean Burn (SCC 20200202)		4-Cycle Lean Burn SCC		4-Cycle Rich Burn SCC	
	[grams/hp- hr]	[lb/MMBtu] (fuel input)	[grams/hp- hr]	[lb/MMBtu] (fuel input)	[grams/hp- hr]	[lb/MMBtu] (fuel input)	[grams/hp- hr]	[lb/MMBtu] (fuel input)
-NO <sub>x</sub> [A]	1.3	.34	11	2.7	12	3.2	10	2.3
-CO [A]	.83	.17	1.5	.38	1.6	.42	8.6	1.6
CO <sub>2</sub> [B] <sup>b</sup>	405	110	405	110	405	110	405	110
TOC [A]	.18	.053	6.1	1.5	4.9	1.2	1.2	.27
-TNMOC [A]	.01	.002	.43	.11	.72	.18	.14	.03
CH <sub>4</sub> [A]	.17	.051	5.6	1.4	4.1	1.1	1.1	.24

<sup>a</sup>Reference 1 - 5. Emission factors are based on entire population. Emission factors for individual engines from specific manufacturers may vary.

<sup>b</sup>Based on 100 percent conversion of the fuel carbon to CO<sub>2</sub>.  $CO_2[\text{lb/MMBtu}] = 3.67 * C/E$ ,  
where C = carbon content of fuel by weight (0.7), and E = energy content of fuel, 0.0023 MMBtu/lb.

The uncontrolled CO<sub>2</sub> emission factors are also applicable to natural gas prime movers controlled by combustion modifications, NSCR, and SCR.



OXIDES OF NITROGEN EMISSION RATE

- ENOX - NOX emission rate as NO<sub>2</sub>, lb/hr  
NF - NO<sub>2</sub> factor,  $1.1948 \times 10^{-7}$  (lb/ft<sup>3</sup>)/PPM  
NOX<sub>msc</sub> - NOX concentration as measured, PPM  
Qsd - Dry volumetric stack gas flow rate, DSCF/hr  
ENOX = (NOX<sub>msc</sub>) (NF) (Qsd)

----- Run 1

$$\text{ENOX} = (1,118.3) (1.1948 \times 10^{-7}) (137,798) = 18.41 \text{ lb/hr.} = 2.23 \text{ lb/MMBTU}$$

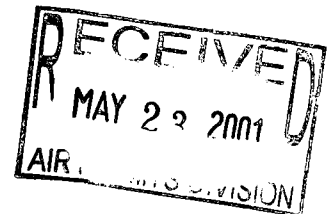
----- Run 2

$$\text{ENOX} = (1,103.3) (1.1948 \times 10^{-7}) (126,218) = 16.64 \text{ lb/hr.} = 2.02 \text{ lb/MMBTU}$$

----- Run 3

$$\text{ENOX} = (1,382.4) (1.1948 \times 10^{-7}) (120,160) = 19.07 \text{ lb/hr.} = 2.31 \text{ lb/MMBTU}$$

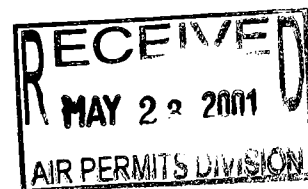
Average      18.04 lb/hr. = 2.19 lb/MMBTU

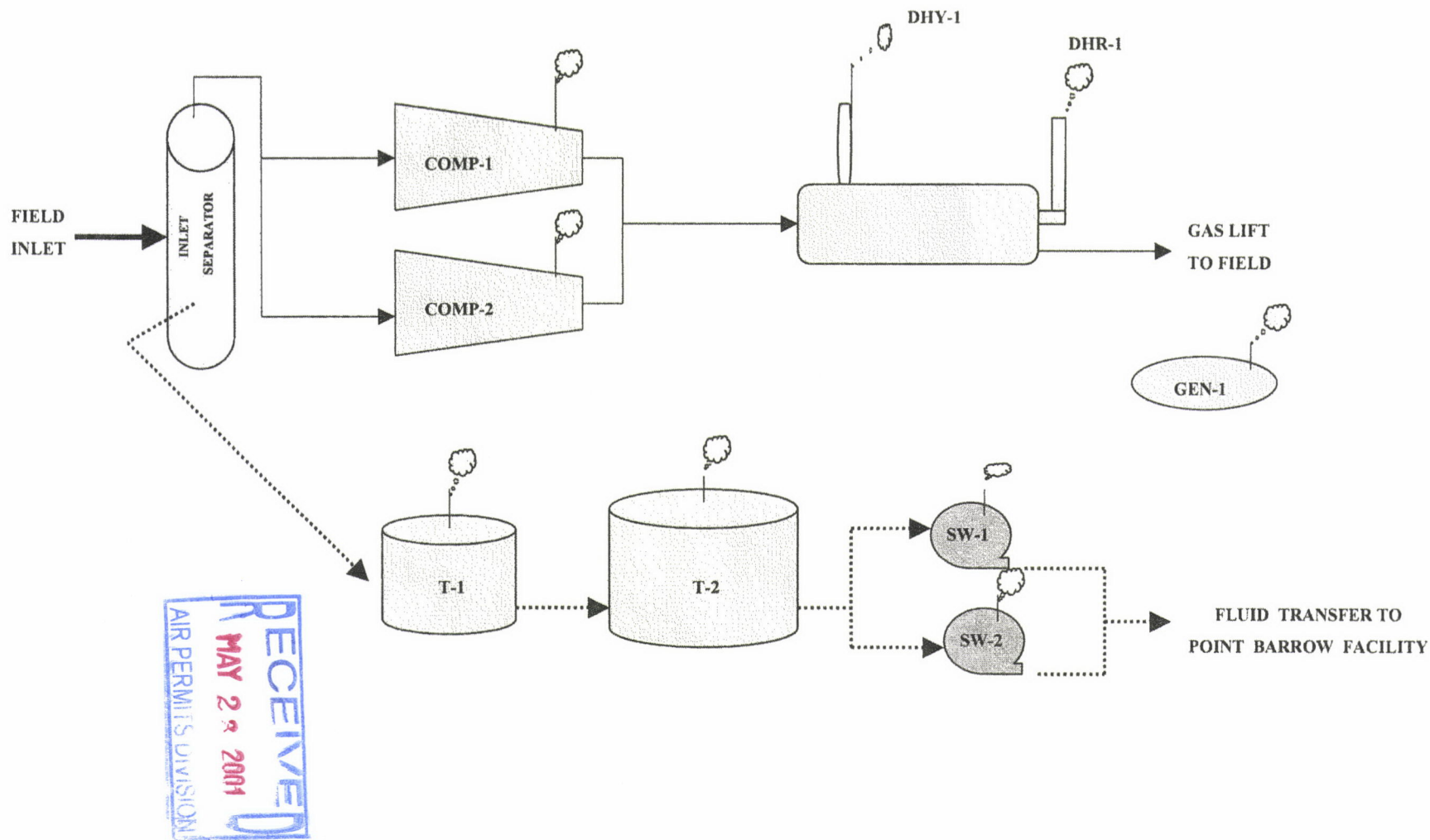




**Form OP-CRE1 (Page 1)**  
**Certified Registration of Emissions for Potential to Emit**  
**(Title 30 Texas Administrative Code § 122.122)**  
**Federal Operating Permit Program**

<b>I. COMPANY IDENTIFYING INFORMATION</b>			
A. Company Name: Vintage Petroleum, Inc.			
B. Telephone: 361-284-7487		C. Fax: 361-284-7460	
D. Mailing Address: P.O. Box 308			
City: Vanderbilt		State: TX	Zip Code: 77991
<b>II. RESPONSIBLE OFFICIAL IDENTIFYING INFORMATION</b>			
A. Responsible Official Name: ( <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.) Mark Dozier			
B. Responsible Official Title: Environmental Coordinator			
C. Telephone: 361-284-7487		D. Fax: 361-284-7460	
E. Mailing Address: P.O. Box 308			
City: Vanderbilt		State: TX	Zip Code: 7991
<b>III. SITE INFORMATION</b>			
A. Plant/Site Name: Trinity Bay F-1 Platform			
B. Street Address: NA (see attached map, facility in Trinity Bay)			
C. Nearest City: Baytown		D. Zip Code:	
E. County: Chambers		F. Primary SIC: 1311	
G. Primary TNRCC Account No.:	CI-0177-Q		
H. Additional TNRCC Account No(s).:			
O-02142			
I. Latitude (nearest second): 29 25' 7"		J. Longitude (nearest second): 94 44' 8"	
K. UTM Zone: NA	L. UTM East (meters): NA	M: UTM North (meters): NA	
<b>IV. PLOT PLAN</b>			
Attach a plot plan to scale of the property showing the location of plant boundaries, plant equipment, and the immediately surrounding area.			
<b>V. PROCESS DESCRIPTION</b>			
Attach a summary which describes the processes and operations at the site. The description must be in sufficient detail to indicate how the facility will verify the reasonably anticipated maximum potential emission rates indicated below.			





VINTAGE PETROLEUM INC.  
TRINITY BAY / F-1 PLATFORM COMPLEX  
TNRCC ACCOUNT NUMBER CI-0177-Q  
CHAMBERS COUNTY, TEXAS

PROCESS FLOW  
DIAGRAM

12/1999

EMISSION SOURCE DESCRIPTION

COMP-1	COMPRESSOR -1	T-1	210 bbl PROCESS TANK
COMP-2	COMPRESSOR -2	T-2	1500 bbl SALTWATER TANK
DHY-1	DEHYDRATOR STILL	GEN-1	GENERATOR
DHR-1	DEHYDRATOR REBOILER	SW-1	FLUID TRANSFER PUMP
		SW-2	FLUID TRANSFER PUMP



**Form OP-CRE1 (Page 2)**  
**Certified Registration of Emissions for Potential to Emit**  
**(Title 30 Texas Administrative Code § 122.122)**  
**Federal Operating Permit Program**

**VI. MAXIMUM EMISSIONS RATE DATA**

Attach documentation which demonstrates the basis for each emission point number's reasonably anticipated maximum emission rates represented below including fugitives if the source belongs to one of the 27 source categories listed in Title 30 Texas Administrative Code § 122.10 [30 TAC § 122.10(8)(c)]. Fugitive emissions of hazardous air pollutants as listed in the Federal Clean Air Act § 112(b) must also be included. This includes calculations, emission factors, equipment capacity, fuel consumption rate, sampling, monitoring, etc.

All representations in this registration of emissions, with regard to emissions, shall become conditions upon which the stationary source shall operate. The registration of emissions shall include documentation on the basis of emission rates, and that the maximum emission rates listed on the registration reflect the reasonably anticipated maximums for operation of the stationary source. In order to qualify for registrations of emissions, the maximum emission rates listed in the registration must be less than those rates defined for a major source in 30 TAC § 122.10 (relating to General Definitions). Use Form OP-CRE1 Extension, if additional space is necessary.

Emission Point No.	Source Name	Air Contaminant Name	Air Contaminant Maximum Emission Rates	
			Pounds/Hour	Tons/Year
COMP-2	Compressor Engine	NOx	0	0
COMP-2	Compressor Engine	VOC	0	0

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**MAY 20 2001**  
 AIR PERMITS DIVISION

**VII. DEMONSTRATION OF COMPLIANCE**

The maximum emission rates listed on the registration shall reflect the reasonably anticipated maximums for operation of the stationary source. The certified registration of emissions and records demonstrating compliance with the registration must be maintained on site or at an accessible designated location. This information shall be provided, upon request, during regular business hours to representatives of the Texas Natural Resource Conservation Commission (TNRCC) or any air pollution control agency having jurisdiction.



Form OP-CRE1 (Page 3)  
Certified Registration of Emissions  
for Potential to Emit  
(Title 30 Texas Administrative Code § 122.122)  
Federal Operating Permit Program


**VIII. CERTIFICATION BY RESPONSIBLE OFFICIAL**

All representations in this registration of emissions with regard to emissions shall become conditions upon which the stationary source shall operate. It shall be unlawful for any person to vary from such representation unless the registration is first revised. This registration of emissions shall include documentation of the basis of emission rates and the certification below, in accordance with Title 30 Texas Administrative Code § 122.165 (relating to Certification of a Responsible Official), that the maximum emission rates listed on the registration reflect the reasonably anticipated maximums for operation of the stationary source.

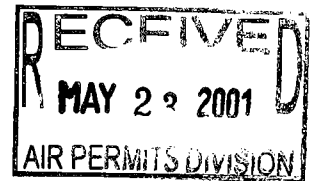
I, Mr. Mark Dozier, certify that, based on information and belief formed after reasonable inquiry, the  
(Name printed or typed)

statements and information above and contained in the attached document(s), dated \_\_\_\_\_, are true,  
accurate, (Documentation Date)

and complete.

Signature:  Signature Date: 5-14-2001

Title: Environmental Coordinator



**F-1 Platform  
Emission Inventory Data  
TNRCC / PSDB  
NOx**

COMPANY	ACCOUNT	EI DATE	SCC	FIN	FAC NAME	EPN	POINT NAME	CONTAM	O3 EMISS	ACTL TPY
		<b>1995</b>								
VINTAGE PETROLEUM INC	CI0177Q	12/31/1995	10200603	DHR1	GLYCOL REBOILER EXHAUST STACK	DHR1	DEHY REBOILER COMBUST.	70400	1.04	0.19
VINTAGE PETROLEUM INC	CI0177Q	12/31/1995	20200202	COMP1	1200 HP COMPRESSOR ENGINE NO.1	COMP1	ENGINE EXHAUST COMP #1	70400	484.15	83.26
VINTAGE PETROLEUM INC	CI0177Q	12/31/1995	20200202	COMP2	1200 HP RECIP COMPRESSOR ENGIN	COMP2	ENGINE EXHAUST COMP #2	70400	504.89	86.83
VINTAGE PETROLEUM INC	CI0177Q	12/31/1995	20200202	GEN1	149 HP ELECTRIC GENERATOR ENGI	GEN1	GENERATOR EXHAUST #1	70400	78.34	14.34
VINTAGE PETROLEUM INC	CI0177Q	12/31/1995	20200202	GEN2	68 HP GENERATOR ENGINE NO.2	GEN2	GEN ENGINE EXHAUST	70400	36.58	6.55
		<b>1996</b>								
VINTAGE PETROLEUM INC	CI0177Q	12/31/1996	10200603	DHR1	GLYCOL REBOILER EXHAUST STACK	DHR1	DEHY REBOILER COMBUST.	70400	1.04	0.19
VINTAGE PETROLEUM INC	CI0177Q	12/31/1996	20200202	COMP1	1200 HP COMPRESSOR ENGINE NO.1	COMP1	ENGINE EXHAUST COMP #1	70400	632.62	108.79
VINTAGE PETROLEUM INC	CI0177Q	12/31/1996	20200202	COMP2	1200 HP RECIP COMPRESSOR ENGIN	COMP2	ENGINE EXHAUST COMP #2	70400	632.62	108.79
VINTAGE PETROLEUM INC	CI0177Q	12/31/1996	20200202	GEN1	149 HP ELECTRIC GENERATOR ENGI	GEN1	GENERATOR EXHAUST #1	70400	77.26	14.14
VINTAGE PETROLEUM INC	CI0177Q	12/31/1996	20200202	GEN2	68 HP GENERATOR ENGINE NO.2	GEN2	GEN ENGINE EXHAUST	70400	36.55	6.54
		<b>1997</b>								
VINTAGE PETROLEUM INC	CI0177Q	12/31/1997	10200603	DHR1	GLYCOL REBOILER EXHAUST STACK	DHR1	DEHY REBOILER COMBUST.	70400	1.04	0.19
VINTAGE PETROLEUM INC	CI0177Q	12/31/1997	20200202	COMP1	1200 HP COMPRESSOR ENGINE NO.1	COMP1	ENGINE EXHAUST COMP #1	70400	632.62	108.79
VINTAGE PETROLEUM INC	CI0177Q	12/31/1997	20200202	COMP2	1200 HP RECIP COMPRESSOR ENGIN	COMP2	ENGINE EXHAUST COMP #2	70400	632.62	108.79
VINTAGE PETROLEUM INC	CI0177Q	12/31/1997	20200202	GEN1	149 HP ELECTRIC GENERATOR ENGI	GEN1	GENERATOR EXHAUST #1	70400	77.26	14.14
VINTAGE PETROLEUM INC	CI0177Q	12/31/1997	20200202	GEN2	68 HP GENERATOR ENGINE NO.2	GEN2	GEN ENGINE EXHAUST	70400	36.55	6.54
		<b>1998</b>								
VINTAGE PETROLEUM INC	CI0177Q	12/31/1998	10200603	DHR1	GLYCOL REBOILER EXHAUST STACK	DHR1	DEHY REBOILER COMBUST.	70400	1.04	0.19
VINTAGE PETROLEUM INC	CI0177Q	12/31/1998	20200202	COMP1	1200 HP COMPRESSOR ENGINE NO.1	COMP1	ENGINE EXHAUST COMP #1	70400	632.62	108.79
VINTAGE PETROLEUM INC	CI0177Q	12/31/1998	20200202	COMP2	1200 HP RECIP COMPRESSOR ENGIN	COMP2	ENGINE EXHAUST COMP #2	70400	632.62	108.79

COMPRESSOR #2 TAKEN OUT OF SERVICE JULY 1999

RECEIVED  
 MAY 29 2001  
 AIR QUALITY DIVISION



Robert J. Huston, *Chairman*  
R. B. "Ralph" Marquez, *Commissioner*  
John M. Baker, *Commissioner*  
Jeffrey A. Saitas, *Executive Director*



## TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

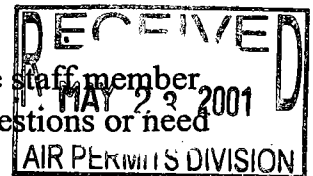
*Protecting Texas by Reducing and Preventing Pollution*

Dear Data Requestor:

Enclosed is the information you requested. The TNRCC Information Resources Division is pleased to provide this service "at cost" to those needing such information. Please understand that we cannot guarantee the accuracy or completeness of the information being supplied. At the time your request was processed, this data was the most current information available from our database and every effort was made to retrieve it according to your specifications.

*If the information you receive is in a digital format and you find it to be unreadable, please contact our customer service representatives at (512) 239-3282 within 45 days of the invoice date. The original purchaser may request a replacement at no additional charge.*

For your convenience, we have attached the individual business card of the staff member who processed your request. Please contact this person if you have any questions or need additional information.



Thank you for the opportunity to serve you through our TNRCC Information Resources Division.

Sincerely,

A handwritten signature in cursive script that reads "Yolanda Aleman".

Yolanda Aleman  
Director  
Information Resources Division

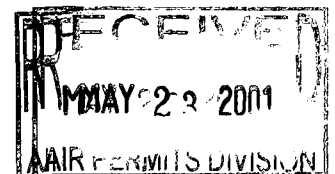
CI-0121U ~ F-2 PLATFORM  
HG-72601 ~ SHORE ACRES  
CI-01780 ~ ?  
CI-0177Q ~ F-1 PLATFORM  
CI-0123Q ~ POINT BARROW  
CI-0122S ~ C-2 PLATFORM

## Record Layout for ACHACNT.TXT File

Field	Name	Type	Width	Comments
1	Company	Character	36	Company name of a TNRCC account
2	Account	Character	7	Unique TNRCC account ID number
3	EI Date	Character	10	Date of emissions inventory
4	SCC	Character	8	Source Classification Code
5	FIN	Character	10	Facility ID number
6	Facility	Character	48	Name of the facility
7	EPN	Character	10	Emission point unique ID number
8	Point Name	Character	25	Name that describes the emission point
9	Cntam Code	Character	5	Unique ID number of the contaminant
10	O3 Emis	Numeric	11	Ozone season emissions in pounds/day
11	Upset	Numeric	11	Upset/Maintenance emissions in tons/year
12	Actual	Numeric	11	Actual emissions in tons/year

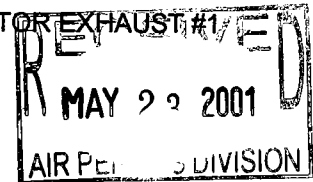
**Notes:**

1. This file lists by point and facility the emissions from the actual history (ACH) table for one or more specified TNRCC accounts (ACNT) for one or more specified emissions inventory reporting years. The information in this file is extracted from the TNRCC Point Source Database (PSDB).
2. The file is in an ASCII text, comma-delimited format. Most spreadsheet and database software products can import this type of format. For your software to correctly interpret the file, be sure to specify that you want to import (or open) an ASCII text file in which all of the fields are separated by commas (,) and the text fields are delimited by double quotation marks ("").
3. The file is initially sorted by: Company, and then by Account, and then by EI date, and then by FIN.
4. General definitions:
  - Account -- An all encompassing entity which includes the plants, facilities, emission points, and abatements at a single geographic location under a single ownership.
  - Facility -- The smallest unit of equipment that generates contaminant emissions. For example, boilers, compressors, and so forth.
  - Emission point -- The geographical point or area at or from which contaminant emissions enter the atmosphere. For example, stacks or flares.
5. Actual emission amounts and Upset/Maintenance emission amounts are expressed in tons per year. Ozone season emission amounts are expressed in pounds per day.



**EMISSION SUMMARY DATA '95-'00  
FOR MARK DOZIER**

SCC:	20200202	O3 EMISS:	0.19
FIN:	COMP1	UPSET TPY:	0.00
FAC NAME:	1200 HP COMPRESSOR ENGINE NO.1	ACTL TPY:	0.03
COMPANY:	VINTAGE PETROLEUM INC	EPN:	COMP1
ACCOUNT:	CI0177Q	POINT NAME:	ENGINE EXHAUST COMP #1
EI DATE:	12/31/1997	CONTAM:	90300
SCC:	20200202	O3 EMISS:	544.05
FIN:	COMP1	UPSET TPY:	0.00
FAC NAME:	1200 HP COMPRESSOR ENGINE NO.1	ACTL TPY:	93.56
COMPANY:	VINTAGE PETROLEUM INC	EPN:	COMP2
ACCOUNT:	CI0177Q	POINT NAME:	ENGINE EXHAUST COMP #2
EI DATE:	12/31/1997	CONTAM:	50001
SCC:	20200202	O3 EMISS:	8.86
FIN:	COMP2	UPSET TPY:	0.00
FAC NAME:	1200 HP RECIP COMPRESSOR ENGIN	ACTL TPY:	1.52
COMPANY:	VINTAGE PETROLEUM INC	EPN:	COMP2
ACCOUNT:	CI0177Q	POINT NAME:	ENGINE EXHAUST COMP #2
EI DATE:	12/31/1997	CONTAM:	70400
SCC:	20200202	O3 EMISS:	632.62
FIN:	COMP2	UPSET TPY:	0.00
FAC NAME:	1200 HP RECIP COMPRESSOR ENGIN	ACTL TPY:	108.79
COMPANY:	VINTAGE PETROLEUM INC	EPN:	COMP2
ACCOUNT:	CI0177Q	POINT NAME:	ENGINE EXHAUST COMP #2
EI DATE:	12/31/1997	CONTAM:	70510
SCC:	20200202	O3 EMISS:	0.19
FIN:	COMP2	UPSET TPY:	0.00
FAC NAME:	1200 HP RECIP COMPRESSOR ENGIN	ACTL TPY:	0.03
COMPANY:	VINTAGE PETROLEUM INC	EPN:	COMP2
ACCOUNT:	CI0177Q	POINT NAME:	ENGINE EXHAUST COMP #2
EI DATE:	12/31/1997	CONTAM:	90300
SCC:	20200202	O3 EMISS:	544.05
FIN:	COMP2	UPSET TPY:	0.00
FAC NAME:	1200 HP RECIP COMPRESSOR ENGIN	ACTL TPY:	93.56
COMPANY:	VINTAGE PETROLEUM INC	EPN:	GEN1
ACCOUNT:	CI0177Q	POINT NAME:	GENERATOR EXHAUST #1
EI DATE:	12/31/1997	CONTAM:	50001
SCC:	20200202	O3 EMISS:	0.77
FIN:	GEN1	UPSET TPY:	0.00
FAC NAME:	149 HP ELECTRIC GENERATOR ENGI	ACTL TPY:	0.14
COMPANY:	VINTAGE PETROLEUM INC	EPN:	GEN1
ACCOUNT:	CI0177Q	POINT NAME:	GENERATOR EXHAUST #1
EI DATE:	12/31/1997	CONTAM:	70400
SCC:	20200202	O3 EMISS:	77.26
FIN:	GEN1	UPSET TPY:	0.00
FAC NAME:	149 HP ELECTRIC GENERATOR ENGI	ACTL TPY:	14.14



**EMISSION SUMMARY DATA '95-'00  
FOR MARK DOZIER**

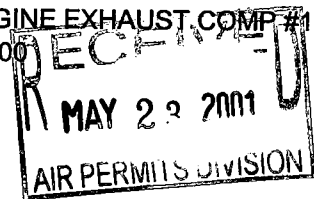
SCC: 10200603 O3 EMISS: 0.22  
 FIN: DHR1 UPSET TPY: 0.00  
 FAC NAME: GLYCOL REBOILER EXHAUST STACK ACTL TPY: 0.04

COMPANY: VINTAGE PETROLEUM INC EPN: COMP1  
 ACCOUNT: CI0177Q POINT NAME: ENGINE EXHAUST COMP #1  
 EI DATE: 12/31/1998 CONTAM: 50001  
 SCC: 20200202 O3 EMISS: 8.86  
 FIN: COMP1 UPSET TPY: 0.00  
 FAC NAME: 1200 HP COMPRESSOR ENGINE NO.1 ACTL TPY: 1.52

COMPANY: VINTAGE PETROLEUM INC EPN: COMP1  
 ACCOUNT: CI0177Q POINT NAME: ENGINE EXHAUST COMP #1  
 EI DATE: 12/31/1998 CONTAM: 70400  
 SCC: 20200202 O3 EMISS: 632.62  
 FIN: COMP1 UPSET TPY: 0.00  
 FAC NAME: 1200 HP COMPRESSOR ENGINE NO.1 ACTL TPY: 108.79

COMPANY: VINTAGE PETROLEUM INC EPN: COMP1  
 ACCOUNT: CI0177Q POINT NAME: ENGINE EXHAUST COMP #1  
 EI DATE: 12/31/1998 CONTAM: 70510  
 SCC: 20200202 O3 EMISS: 0.19  
 FIN: COMP1 UPSET TPY: 0.00  
 FAC NAME: 1200 HP COMPRESSOR ENGINE NO.1 ACTL TPY: 0.03

COMPANY: VINTAGE PETROLEUM INC EPN: COMP1  
 ACCOUNT: CI0177Q POINT NAME: ENGINE EXHAUST COMP #1  
 EI DATE: 12/31/1998 CONTAM: 90300  
 SCC: 20200202 O3 EMISS: 545.54  
 FIN: COMP1 UPSET TPY: 0.00  
 FAC NAME: 1200 HP COMPRESSOR ENGINE NO.1 ACTL TPY: 93.56



COMPANY: VINTAGE PETROLEUM INC EPN: COMP2  
 ACCOUNT: CI0177Q POINT NAME: ENGINE EXHAUST COMP #2  
 EI DATE: 12/31/1998 CONTAM: 50001  
 SCC: 20200202 O3 EMISS: 8.86  
 FIN: COMP2 UPSET TPY: 0.00  
 FAC NAME: 1200 HP RECIP COMPRESSOR ENGIN ACTL TPY: 1.52

COMPANY: VINTAGE PETROLEUM INC EPN: COMP2  
 ACCOUNT: CI0177Q POINT NAME: ENGINE EXHAUST COMP #2  
 EI DATE: 12/31/1998 CONTAM: 70400  
 SCC: 20200202 O3 EMISS: 632.62  
 FIN: COMP2 UPSET TPY: 0.00  
 FAC NAME: 1200 HP RECIP COMPRESSOR ENGIN ACTL TPY: 108.79

COMPANY: VINTAGE PETROLEUM INC EPN: COMP2  
 ACCOUNT: CI0177Q POINT NAME: ENGINE EXHAUST COMP #2  
 EI DATE: 12/31/1998 CONTAM: 70510  
 SCC: 20200202 O3 EMISS: 0.19  
 FIN: COMP2 UPSET TPY: 0.00  
 FAC NAME: 1200 HP RECIP COMPRESSOR ENGIN ACTL TPY: 0.03

Robert J. Huston, *Chairman*  
R. B. "Ralph" Marquez, *Commissioner*  
John M. Baker, *Commissioner*  
Jeffrey A. Saitas, *Executive Director*



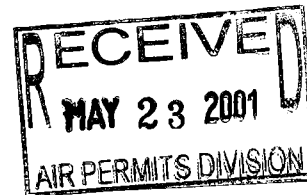
## TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

*Protecting Texas by Reducing and Preventing Pollution*

August 23, 2000

Mr. Mark Dozier  
Environmental Coordinator  
Vintage Petroleum, Inc.  
P.O. Box 308  
Vanderbilt, Texas 77991

Re: General Operating Permit Authorization to Operate  
Initial Issuance  
Project Number: 2512  
Permit Number: O-02142  
Vintage Petroleum, Inc.  
Trinity Bay F-1 Platform  
Baytown, Chambers County  
Account Number: CI-0177-Q



Dear Mr. Dozier:

After reviewing your application, the Texas Natural Resource Conservation Commission (TNRCC) agrees that the emission units identified at Trinity Bay F-1 Platform qualify for the oil and gas general operating permit (GOP). This letter serves to authorize Vintage Petroleum, Inc., Trinity Bay F-1 Platform to operate the emission units identified in the GOP application under the provisions of Title 30 Texas Administrative Code § 122.511 (30 TAC § 122.511). This authorization is granted based on the information provided in your application. In the event the TNRCC determines that the emission units are not operating in compliance with the GOP, enforcement action may be initiated.

From the date of this letter Vintage Petroleum, Inc., Trinity Bay F-1 Platform, shall operate in accordance with the requirements of 30 TAC Chapter 122, including the permit conditions contained in 30 TAC §§ 122.143 - 122.146. Some of the conditions contained in 30 TAC §§ 122.143 - 122.146 include recordkeeping conditions, reporting conditions (which includes deviation reporting), and compliance certification conditions. All reports and any questions regarding the reports, shall be forwarded to Mr. Arturo Blanco, Air Program Manager, Region 12 - Houston. Any documents submitted to the TNRCC regarding the application should be accompanied by a cover letter which identifies the following information: company name, primary TNRCC account number, site name, area name (if applicable), federal operating permit (FOP) number, FOP project number, and the date of submittal of the original application.



RECEIVED  
 MAY 22 2001  
 AIR PERMITS DIVISION

F-1 Facility

N29 25' 7" / W94 44' 8"