



San Joaquin Valley

AIR POLLUTION CONTROL DISTRICT

OCT 01 2009

Gerardo C. Rios, Chief
Permits Office
Air Division
U.S. EPA - Region IX
75 Hawthorne St
San Francisco, CA 94105

Re: **Notice of Minor Title V Permit Modification**
District Facility # S-2010
Project # S-1073215

Dear Mr. Rios:

Enclosed for you to review is an application for minor Title V permit modification for the facility identified above. Chevron USA Production is proposing a Title V minor permit modification to incorporate the recently issued S-2010-55-4 into the Title V operating permit. Chevron U.S.A established a fugitive daily emissions limitation (DEL) on one 113 bbl fixed roof petroleum storage tank with a pressure/vacuum vent valve.

Enclosed is the engineering evaluation with the following attachments: proposed modified Title V permit, recently issued S-2010-55-4, emission increases, application, and previous Title V permit. Please submit your written comments on this project within the 45-day comment period that begins on the date you receive this letter.

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Leonard Scandura at (661) 392-5500.

Sincerely,


David Warner
Director of Permit Services

Enclosures

Northern Region
4800 Enterprise Way
Modesto, CA 95356-8718
Tel: (209) 557-6400 FAX: (209) 557-6475

Central Region (Main Office)
1990 E. Gettysburg Avenue
Fresno, CA 93726-0244
Tel: (559) 230-6000 FAX: (559) 230-6061
www.valleyair.org

Southern Region
34946 Flyover Court
Bakersfield, CA 93308-9725
Tel: (661) 392-5500 FAX: (661) 392-5585



San Joaquin Valley
AIR POLLUTION CONTROL DISTRICT

OCT 01 2009

Michael B. Jennings
Chevron USA Production
PO Box 1392
Bakersfield, CA 93302

Re: Notice of Minor Title V Permit Modification
District Facility # S-2010
Project # S-1073215

Dear Mr. Jennings:

Enclosed is the District's analysis of your application for minor Title V permit modification for the facility identified above. You proposed a Title V minor permit modification to incorporate recently issued S-2010-55-4 into the Title V operating permit. Chevron U.S.A established a fugitive daily emissions limitation (DEL) on one 113 bbl fixed roof petroleum storage tank with a pressure/vacuum vent valve.

Enclosed is the engineering evaluation with the following attachments: proposed modified Title V permit, recently issued S-2010-55-4, emission increases, application, and previous Title V permit. This project will be subject to a 45-day EPA commenting period prior to the District taking final action.

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Leonard Scandura at (661) 392-5500.

Sincerely,



David Warner
Director of Permit Services

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TITLE V APPLICATION REVIEW

Minor Modification
Project #: s-1073215

Engineer: Steve Davidson
Date: August 12, 2009

Facility Number: S-2010
Facility Name: Chevron USA Production
Mailing Address: PO Box 1392
Bakersfield, CA 93302

Reviewed by AP SUPER AOE

SEP 30 2009

Contact Name: Michael B. Jennings
Phone: (661)654-7145

Responsible Official: Gary L Richardson
Title: Assistant Secretary

I. PROPOSAL

Chevron USA Production is proposing a Title V minor permit modification to incorporate the ATC S-2010-55-4, issued June 4, 2007, into the Title V operating permit. Chevron U.S.A established a fugitive daily emissions limitation (DEL) on one 113 bbl fixed roof petroleum storage tank with a pressure/vacuum vent valve.

The purpose of this evaluation is to identify all applicable requirements, determine if the facility will comply with the applicable requirements and to provide the legal and factual basis for the proposed revisions.

II. FACILITY LOCATION

The tank is located in the Cymric oil field (NW/4 of Section 17, Township 30S, Range 22E) within the Light Oil Western stationary source.

III. EQUIPMENT DESCRIPTION

Pre-NSR Project Equipment Description:

S-2010-55-3: 4,746 GALLON FIXED ROOF PETROLEUM STORAGE TANK WITH A PRESSURE/VACUUM VENT VALVE

Proposed Modification in NSR Project S-1065239:

S-2010-55-4: MODIFICATION OF 4,746 GALLON FIXED ROOF PETROLEUM STORAGE TANK WITH A PRESSURE/VACUUM VENT VALVE: ESTABLISH DAILY EMISSIONS LIMIT AND ADMINISTRATIVELY MODIFY CONDITIONS FOR CLARITY

Post NSR Project S-1065239 Equipment Description:

S-2010-55-4: 113 BBL FIXED ROOF PETROLEUM STORAGE TANK WITH A PRESSURE/VACUUM VENT VALVE

Minor Modification Equipment Description:

S-2010-55-5: 113 BBL FIXED ROOF PETROLEUM STORAGE TANK WITH A PRESSURE/VACUUM VENT VALVE

IV. SCOPE OF EPA AND PUBLIC REVIEW

This change to a Title V permit is considered to be a minor modification and, as such, requires no public review.

V. APPLICABLE REQUIREMENTS

District Rule 2520, Federally Mandated Operating Permits (Adopted June 21, 2001)

VI. DESCRIPTION OF PROPOSED MODIFICATIONS

ATC S-2010-55-4 established a fugitive daily emissions limitation (DEL) on one 113 bbl fixed roof petroleum storage tank with a pressure/vacuum vent valve.

Additionally, Chevron requested to administratively amend their permit for clarity and reflect rule changes. Listed below are the changes in the permit conditions

Condition # on current PTO S-2010-55-3	Condition # on Proposed PTO S-2010-55-6	Condition is New, Modified, or Removed	Reason for Change from Current PTO
1	-	Removed	Standard Condition #98. Public Nuisance condition removed. Condition remains on the 0-0 permit.
3	2	Modified	Condition requiring the tank to be gas-tight updated to current standard leak-free condition.
4	3	Modified	Wording of condition updated from "gas-tight" to "leak-free"
5	-	Removed	Condition defining gas-tight removed. Definition contained in standard gas tight condition (see condition 2)
7	5	Modified	Condition referencing tank cleaning provisions replaced "Table 6" with "Section 5.7"
9	-	Removed	PTO limiting API gravity to less than 30 degrees removed.
10 & 11	8	Modified	TVP and ROC emissions limit combined to the higher value (DEL) of a TVP of 6.5 psia
19	16	Modified	Clarified the requirements of the 4623, Section 5.7 Table 3, apply to this permit.
20	17	Modified	Wording of condition updated from "gas-tight" to "leak-free"
22	19	Modified	Clarified that proper operation on the tanks PV valve is not a leak as defined in Rule 4623

VII. COMPLIANCE

In accordance with Rule 2520, 3.20, these modifications:

1. Do not violate requirements of any applicable federally enforceable local or federal requirement;
2. Do not relax monitoring, reporting, or recordkeeping requirements in the permit and are not significant changes in existing monitoring permit terms or conditions;
3. Do not require or change a case-by-case determination of an emission limitation or other standard, or a source-specific determination for temporary sources of ambient impacts, or a visibility or increment analysis;
4. Do not seek to establish or change a permit term or condition for which there is no corresponding underlying applicable requirement and that the source has assumed to avoid an applicable requirement to which the source would otherwise be subject. Such terms and conditions include:
 - a. A federally enforceable emission cap assumed to avoid classification as a modification under any provisions of Title I of the Federal Clean Air Act; and

- b. An alternative emissions limit approved pursuant to regulations promulgated under section 112(i)(5) of the Federal Clean Air Act; and
5. Are not Title I modifications as defined in District Rule 2520 or modifications as defined in section 111 or 112 of the Federal Clean Air Act; and
6. Do not seek to consolidate overlapping applicable requirements.

In accordance with Rule 2520, the application meets the procedural requirements of section 11.4 by including;

1. A description of the change, the emissions resulting from the change, and any new applicable requirements that will apply if the change occurs;
2. The source's suggested draft permit; and
3. Certification by a responsible official that the proposed modification meets the criteria for use of minor permit modification procedures and a request that such procedures be used.

VIII. ATTACHMENTS

- A. Proposed Modified Title V Operating Permit No S-2010-55-5
- B. Authority to Construct No. S-2010-55-4
- C. Emissions Increases
- D. Application
- E. Previous Title V Operating Permit S-2010-55-3

ATTACHMENT A

**Proposed Modified Title V Operating Permit
S-2010-55-5**

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-2010-55-6

EXPIRATION DATE: 02/28/2009
DRAFT

SECTION: NW17 **TOWNSHIP:** 30S **RANGE:** 22E

EQUIPMENT DESCRIPTION:

113 BBL FIXED ROOF PETROLEUM STORAGE TANK WITH A PRESSURE/VACUUM VENT VALVE

PERMIT UNIT REQUIREMENTS

1. This tank shall be equipped with a pressure-vacuum (PV) relief valve set to within 10% of the maximum allowable working pressure of the tank, permanently labeled with the operating pressure settings, properly maintained in good operating order in accordance with the manufacturer's instructions, and shall remain in gas-tight condition except when the operating pressure exceeds the valve's set pressure. [District Rule 4623] Federally Enforceable Through Title V Permit
2. Except as provided in this permit, this tank shall be in a leak-free condition. A leak-free condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv above background is a violation of this permit and Rule 4623. [District Rule 4623] Federally Enforceable Through Title V Permit
3. Any tank gauging or sampling device(s) shall be equipped with a leak-free (as defined in Rule 4623) cover which shall be closed at all times except for gauging or sampling. [District Rule 4623] Federally Enforceable Through Title V Permit
4. This permit authorizes tank cleaning that is not the result of breakdowns or poor maintenance as a routine maintenance activity. [District Rule 2020] Federally Enforceable Through Title V Permit
5. Interior tank cleaning shall be performed in accordance with provisions specified in Section 5.7 of Rule 4623. [District Rule 4623] Federally Enforceable Through Title V Permit
6. Permittee shall keep at the facility at all times a copy of the letter sent to the APCO requesting to participate in the voluntary tank preventative inspection and maintenance, and tank interior cleaning program and shall maintain records of annual tank inspections, maintenance, and cleaning to document the participation in the program. [District Rule 4623] Federally Enforceable Through Title V Permit
7. Fugitive emissions from within 5 feet of the tank shall not exceed 6.2 lbs VOC per day based on the "Protocol for Equipment Leak Emissions Estimate, "Table 2-4, Oil and gas production Operations Average Emissions factors. [District Rule 2201] Federally Enforceable Through Title V Permit
8. True vapor pressure of any organic liquid introduced to the tank shall be less than 6.5 psia. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Tank liquid throughput shall not exceed 113 bbls/day. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Permittee shall conduct true vapor pressure (TVP) testing of the organic liquid stored in this tank, or a representative tank as provided in Section 6.2.1.1 of District Rule 4623, at least once every 24 months during summer (July - September), and/or whenever there is a change in the source or type of organic liquid stored in this tank. [District Rule 4623] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE
These terms and conditions are part of the Facility-wide Permit to Operate.

11. The API gravity of crude oil or petroleum distillate shall be determined at least once every 24 months during summer (July - September), and/or whenever there is a change in the source or type of organic liquid stored in this tank by using ASTM Method D 287 e1 "Standard Test Method for API Gravity of Crude Petroleum and Petroleum Products (Hydrometer Method). Sampling for API gravity shall be performed in accordance with ASTM Method D 4057 "Standard Practices for Manual Sampling of Petroleum and Petroleum Products." [District Rules 2201 and 4623] Federally Enforceable Through Title V Permit
12. TVP of any organic liquid shall be determined by measuring the Reid Vapor Pressure (RVP) using ASTM D 323-94 (Test Method for Vapor Pressure for Petroleum Products), and converting the RVP to TVP at the tank's maximum organic liquid storage temperature. The conversion of RVP to TVP shall be done in accordance with the procedures in Appendix B. Appendix B is an excerpt from the oil and gas section of "California Air Resources Boards (ARB) Technical Guidance Document to the Criteria and Guidelines Regulation for AB 2588", dated August 1989. As an alternative to using ASTM D 323-94, the TVP of crude oil with an API gravity range of greater than 20 degrees up to 30 degrees may be determined by using other equivalent test methods approved by APCO, ARB and EPA. [District Rules 2201 and 4623] Federally Enforceable Through Title V Permit
13. For crude oil with an API gravity of 26 degrees or less, the TVP shall be determined using the latest version of the Lawrence Berkeley National Laboratory "Test Method for Vapor Pressure of Reactive Organic Compounds in Heavy Crude Oil Using Gas Chromatograph" (Host Method), as approved by ARB and EPA. [District Rules 2201 and 4623] Federally Enforceable Through Title V Permit
14. The TVP testing shall be conducted at actual storage temperature of the organic liquid in the tank. [District Rule 4623] Federally Enforceable Through Title V Permit
15. Instead of testing each uncontrolled fixed roof tank, the permittee may conduct a TVP test of the organic liquid stored in a representative tank provided the requirements of Sections 6.2.1.1.1 through 6.2.1.1.5 of Rule 4623 are met. [District Rule 4623] Federally Enforceable Through Title V Permit
16. If the source can demonstrate compliance with the provisions of Rule 4623 Section 5.7, then any deviations that are addressed under the provisions of Table 3 shall not be in violation of this permit. [District Rule 4623] Federally Enforceable Through Title V Permit
17. Except as otherwise provided in this permit all tank gauging or sampling device(s) and fittings in vapor service shall be maintained in a leak-free condition. [District Rule 4623] Federally Enforceable Through Title V Permit
18. All piping, fittings, and valves on this tank shall be inspected annually by the facility operator in accordance with EPA Method 21, with the instrument calibrated with methane, to ensure compliance with the leaking provisions of this permit. [District Rule 4623] Federally Enforceable Through Title V Permit
19. If any of the tank components are found to be leaking, except for pressure vacuum relief valve when the operating pressure exceeds the valve's set pressure, operator shall immediately affix a tag and maintain records of gas leak detection readings, date/time leak was discovered, and date/time the component was repaired to a leak-free condition.1. [District Rule 4623] Federally Enforceable Through Title V Permit
20. Upon detection of any leaking components (having a gas leak >10,000 ppmv, measured in accordance with EPA Method 21 by a portable hydrocarbon detection instrument that is calibrated with methane) operator shall: (a) Eliminate or minimize the leak within 8 hours after detection. (b) If the leak can not be eliminated, then minimize the leak to the lowest possible level within 8 hours after detection by using best maintenance practices; and eliminate the leak within 48 hours after detection. (c) In no event that the total time to minimize and eliminate the leak shall exceed 56 hours after detection [District Rule 4623] Federally Enforceable Through Title V Permit
21. Leaking tank components affixed to the tank or within five feet of the tank that have been discovered by the operator and that have been immediately tagged and repaired within the specified deadlines, shall not constitute a violation of the District Rule 4623. However, leaking components discovered during inspections by District staff that were not previously identified and/or tagged by the operator, and/or any leaks that were not repaired within specified deadlines, shall constitute a violation of SJVUAPCD Rule 4623. [District Rule 4623] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE
These terms and conditions are part of the Facility-wide Permit to Operate.

22. If a component type for a given tank is found to leak during an annual inspection, then conduct quarterly inspections of that component type on the tank or tank system for four consecutive quarters. If a component type is found to have no leak after four consecutive quarterly inspections, then revert to annual inspections. [District Rule 4623] Federally Enforceable Through Title V Permit
23. Any component found to be leaking on two consecutive annual inspections is in violation of SJVUAPCD Rule 4623, even if it is under the voluntary inspection and maintenance program. [District Rule 4623] Federally Enforceable Through Title V Permit
24. Operator shall maintain an inspection log containing the following 1) Type of component leaking; 2) Date and time of leak detection, and method of detection; 3) Date and time of leak repair, and emission level of recheck after leak is repaired; 4) Method used to minimize the leak to lowest possible level within 8 hours after detection. [District Rule 4623] Federally Enforceable Through Title V Permit
25. Permittee shall submit records of TVP and API gravity testing to the APCO within 45 days after the date of testing. The records shall include the tank identification number, Permit to Operate number, type of stored organic liquid, TVP and API gravity of the organic liquid, test methods used, and a copy of the test results. [District Rule 4623] Federally Enforceable Through Title V Permit
26. The permittee shall keep accurate records of each organic liquid stored in the tank, including its TVP, API gravity, and throughput for a period of five years, and shall make such records available for District inspection upon request. [District Rule 4623] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

DRAFT

ATTACHMENT B

Authorities to Construct
S-2010-55-4

INSPECTION

ISSUANCE DATE: 06/04/2007

LEGAL OWNER OR OPERATOR: CHEVRON USA INC
MAILING ADDRESS: PO BOX 1392
BAKERSFIELD, CA 93302

LOCATION: LIGHT OIL WESTERN STATIONARY SOURCE

SECTION: NW17 **TOWNSHIP:** 30S **RANGE:** 22E

EQUIPMENT DESCRIPTION:

MODIFICATION OF 113 BBL FIXED ROOF PETROLEUM STORAGE TANK WITH A PRESSURE/VACUUM VENT VALVE: ESTABLISH DAILY EMISSIONS LIMIT AND ADMINISTRATIVELY MODIFY CONDITIONS FOR CLARITY

CONDITIONS

1. {1829} The facility shall submit an application to modify the Title V permit in accordance with the timeframes and procedures of District Rule 2520. [District Rule 2520] Federally Enforceable Through Title V Permit
2. This tank shall be equipped with a pressure-vacuum (PV) relief valve set to within 10% of the maximum allowable working pressure of the tank, permanently labeled with the operating pressure settings, properly maintained in good operating order in accordance with the manufacturer's instructions, and shall remain in gas-tight condition except when the operating pressure exceeds the valve's set pressure. [District Rule 4623] Federally Enforceable Through Title V Permit
3. Except as provided in this permit, this tank shall be in a gas-tight condition. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv above background is a violation of this permit and Rule 4623. [District Rule 4623] Federally Enforceable Through Title V Permit
4. Any tank gauging or sampling device(s) shall be equipped with a gas-tight (as defined in Rule 4623) cover which shall be closed at all times except for gauging or sampling. [District Rule 4623] Federally Enforceable Through Title V Permit
5. This permit authorizes tank cleaning that is not the result of breakdowns or poor maintenance as a routine maintenance activity. [District Rule 2020] Federally Enforceable Through Title V Permit
6. Interior tank cleaning shall be performed in accordance with provisions specified in Section 5.7 of Rule 4623. [District Rule 4623] Federally Enforceable Through Title V Permit
7. Permittee shall keep at the facility at all times a copy of the letter sent to the APCO requesting to participate in the voluntary tank preventative inspection and maintenance, and tank interior cleaning program and shall maintain records of annual tank inspections, maintenance, and cleaning to document the participation in the program. [District Rule 4623] Federally Enforceable Through Title V Permit
8. Fugitive emissions from within 5 feet of the tank shall not exceed 6.2 lbs VOC per day based on the "Protocol for Equipment Leak Emissions Estimate, "Table 2-4, Oil and gas production Operations Average Emissions factors. [District Rule 2201] Federally Enforceable Through Title V Permit
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- INSPECTION WORKSHEET**
12. The API gravity of crude oil or petroleum distillate shall be determined at least once every 24 months during summer (July - September), and/or whenever there is a change in the source or type of organic liquid stored in this tank by using ASTM Method D 287 e1 "Standard Test Method for API Gravity of Crude Petroleum and Petroleum Products (Hydrometer Method). Sampling for API gravity shall be performed in accordance with ASTM Method D 4057 "Standard Practices for Manual Sampling of Petroleum and Petroleum Products." [District Rules 2201 and 4623] Federally Enforceable Through Title V Permit
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 19. All piping, fittings, and valves on this tank shall be inspected annually by the facility operator in accordance with EPA Method 21, with the instrument calibrated with methane, to ensure compliance with the leaking provisions of this permit. [District Rule 4623] Federally Enforceable Through Title V Permit
 20. If any of the tank components are found to be leaking, except for pressure vacuum relief valve when the operating pressure exceeds the valve's set pressure, operator shall immediately affix a tag and maintain records of gas leak detection readings, date/time leak was discovered, and date/time the component was repaired to a leak-free condition.1. [District Rule 4623] Federally Enforceable Through Title V Permit
 21. Upon detection of any leaking components (having a gas leak >10,000 ppmv, measured in accordance with EPA Method 21 by a portable hydrocarbon detection instrument that is calibrated with methane) operator shall: (a) Eliminate or minimize the leak within 8 hours after detection. (b) If the leak can not be eliminated, then minimize the leak to the lowest possible level within 8 hours after detection by using best maintenance practices; and eliminate the leak within 48 hours after detection. (c) In no event that the total time to minimize and eliminate the leak shall exceed 56 hours after detection [District Rule 4623] Federally Enforceable Through Title V Permit
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- INSPECTION
WORKSHEET**
23. If a component type for a given tank is found to leak during an annual inspection, then conduct quarterly inspections of that component type on the tank or tank system for four consecutive quarters. If a component type is found to have no leak after four consecutive quarterly inspections, then revert to annual inspections. [District Rule 4623] Federally Enforceable Through Title V Permit
 24. Any component found to be leaking on two consecutive annual inspections is in violation of S/VU APCD Rule 4623, even if it is under the voluntary inspection and maintenance program. [District Rule 4623] Federally Enforceable Through Title V Permit
 25. Operator shall maintain an inspection log containing the following 1) Type of component leaking; 2) Date and time of leak detection, and method of detection; 3) Date and time of leak repair, and emission level of recheck after leak is repaired; 4) Method used to minimize the leak to lowest possible level within 8 hours after detection. [District Rule 4623] Federally Enforceable Through Title V Permit
 26. Permittee shall submit records of TVP and API gravity testing to the APCO within 45 days after the date of testing. The records shall include the tank identification number, Permit to Operate number, type of stored organic liquid, TVP and API gravity of the organic liquid, test methods used, and a copy of the test results. [District Rule 4623] Federally Enforceable Through Title V Permit
 27. The permittee shall keep accurate records of each organic liquid stored in the tank, including its TVP, API gravity, and throughput for a period of five years, and shall make such records available for District inspection upon request. [District Rule 4623] Federally Enforceable Through Title V Permit

ATTACHMENT C

Emissions Increases

	SSIPE (lb/yr)				
	NOx	VOC	CO	SOx	PM10
S-2010-55-4	0	0	0	0	0

ATTACHMENT D

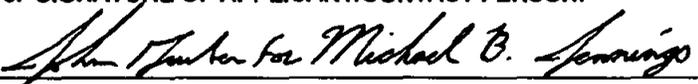
Application

San Joaquin Valley Air Pollution Control District

APPLICATION FOR TITLE V MODIFICATION:

- ADMINISTRATIVE AMENDMENT
 MINOR MODIFICATION
 SIGNIFICANT MODIFICATION

RECEIVED
JUN 12 2007
 SJVAPCD
 Southern Region

1. PERMIT TO BE ISSUED TO: CHEVRON USA PRODUCTION	
2. MAILING ADDRESS: STREET/P.O. BOX: <u>P. O. BOX 1392</u> CITY: <u>BAKERSFIELD</u> STATE: <u>CA</u> 9-DIGIT ZIP CODE: <u>93302</u>	
3. LOCATION WHERE THE EQUIPMENT WILL BE OPERATED: STREET: _____ CITY: <u>(Cymric Field)</u> ____:1/4 SECTION <u>17Z</u> TOWNSHIP <u>T30S</u> RANGE <u>R22E</u>	INSTALLATION DATE:
4. GENERAL NATURE OF BUSINESS: OIL AND GAS PRODUCTION	
5. EQUIPMENT FOR WHICH APPLICATION IS MADE (Include Permit Nos.): Implement ATC S-2010-55-4, 113 bbl tank (Use additional sheets if necessary)	
6. DO YOU REQUEST A CERTIFICATE OF CONFORMITY WITH THIS ACTION? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
7. IS THIS APPLICATION SUBMITTED AS A RESULT OF A NOV/NTC? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO NOV/NTC No.: _____	
8. SIGNATURE OF APPLICANT/CONTACT PERSON: 	TYPE OR PRINT TITLE OF APPLICANT: Health, Environment and Safety Manager
9. TYPE OR PRINT NAME OF APPLICANT/CONTACT: Michael B. Jennings	DATE June 12, 2007
10. FAX NUMBER: (661) 654-7133	TELEPHONE NUMBER: (661) 654-7145 (Coordinator's telephone)

FOR APCD USE ONLY: No \$

DATE STAMP	FILING FEE RECEIVED: \$ _____ DATE PAID: _____ PROJECT NO.: <u>S-1073215</u> FACILITY REGION & ID: <u>S-2010</u>
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Title V - Minor Mod S-2010

San Joaquin Valley
Unified Air Pollution Control District

RECEIVED
JUN 12 2007
SJVAPCD
Southern Region

TITLE V MODIFICATION - COMPLIANCE CERTIFICATION FORM

I. TYPE OF PERMIT ACTION (Check appropriate box)

- SIGNIFICANT PERMIT MODIFICATION ADMINISTRATIVE
 MINOR PERMIT MODIFICATION AMENDMENT

COMPANY NAME: CHEVRON USA Inc.	FACILITY ID: S-2010
1. Type of Organization: <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Sole Ownership <input type="checkbox"/> Government <input type="checkbox"/> Partnership <input type="checkbox"/> Utility	
2. Owner's Name: CHEVRON USA Inc.	
3. Agent to the Owner: W. M. Williams	

II. COMPLIANCE CERTIFICATION (Read each statement carefully and initial all circles for confirmation):

- Based on information and belief formed after reasonable inquiry, the source permit unit(s) identified in this application will continue to comply with the applicable federal requirement(s) which the source permit unit(s) is in compliance.
- Based on information and belief formed after reasonable inquiry, the source identified in this application will comply with applicable federal requirement(s) that will become effective during the permit term, on a timely basis.
- Corrected information will be provided to the District when I become aware that incorrect or incomplete information has been submitted.
- Based on information and belief formed after reasonable inquiry, information and statements in the submitted application package, including all accompanying reports, and required certifications are true accurate and complete.

I declare, under penalty of perjury under the laws of the state of California, that the forgoing is correct and true:



Signature of Responsible Official

June 12, 2007

Date

Gary L. Richardson

Name of Responsible Official (please print)

Assistant Secretary

Title of Responsible Official (please print)

ATTACHMENT E

**Previous Title V Operating Permit
S-2010-55-3**

INSPECTION
EXPIRATION DATE: 02/28/2009

LEGAL OWNER OR OPERATOR: CHEVRON USA INC
MAILING ADDRESS: PO BOX 1392
BAKERSFIELD, CA 93302

LOCATION: LIGHT OIL WESTERN STATIONARY SOURCE

SECTION: NW17 **TOWNSHIP:** 30S **RANGE:** 22E

EQUIPMENT DESCRIPTION:
4,746 GALLON FIXED ROOF PETROLEUM STORAGE TANK WITH A PRESSURE/VACUUM VENT VALVE

WORKSHEET

CONDITIONS

1. {98} No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
2. This tank shall be equipped with a pressure-vacuum (PV) relief valve set to within 10% of the maximum allowable working pressure of the tank, permanently labeled with the operating pressure settings, properly maintained in good operating order in accordance with the manufacturer's instructions, and shall remain in gas-tight condition except when the operating pressure exceeds the valve's set pressure. [District Rule 4623] Federally Enforceable Through Title V Permit
3. This tank shall be in a gas-tight condition. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv above background is a violation of this permit and Rule 4623. [District Rule 4623] Federally Enforceable Through Title V Permit
4. Any tank gauging or sampling device(s) shall be equipped with a gas-tight (as defined in Rule 4623) cover which shall be closed at all times except for gauging or sampling. [District Rule 4623] Federally Enforceable Through Title V Permit
5. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. [District Rule 4623] Federally Enforceable Through Title V Permit
6. This permit authorizes tank cleaning that is not the result of breakdowns or poor maintenance as a routine maintenance activity. [District Rule 2020] Federally Enforceable Through Title V Permit
7. Interior tank cleaning shall be performed in accordance with provisions specified in Table 6 of Rule 4623. [District Rule 4623] Federally Enforceable Through Title V Permit
8. Permittee shall keep at the facility at all times a copy of the letter sent to the APCO requesting to participate in the voluntary tank preventative inspection and maintenance, and tank interior cleaning program and shall maintain records of annual tank inspections, maintenance, and cleaning to document the participation in the program. [District Rule 4623] Federally Enforceable Through Title V Permit
9. API gravity of any organic liquid introduced to the tank shall be less than 30 degrees. [District Rule 2201] Federally Enforceable Through Title V Permit
10. True vapor pressure of any organic liquid introduced to the tank with an API gravity of 26 or higher shall be less than 6.5 psia. [District Rule 2201] Federally Enforceable Through Title V Permit
11. True vapor pressure of any organic liquid introduced to the tank with an API gravity less than 26 shall be less than 1.0 psia (HOST vapor pressure). [District Rule 2201] Federally Enforceable Through Title V Permit
12. Tank liquid throughput shall not exceed 113 bbls/day. [District Rule 2201] Federally Enforceable Through Title V Permit

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13. Permittee shall conduct true vapor pressure (TVP) testing of the organic liquid stored in this tank, or a representative tank as provided in Section 6.2.1.1 of District Rule 4623, at least once every 24 months during summer (July - September), and/or whenever there is a change in the source or type of organic liquid stored in this tank. [District Rule 4623] Federally Enforceable Through Title V Permit
 14. The API gravity of crude oil or petroleum distillate shall be determined at least once every 24 months during summer (July - September), and/or whenever there is a change in the source or type of organic liquid stored in this tank by using ASTM Method D 287 e1 "Standard Test Method for API Gravity of Crude Petroleum and Petroleum Products (Hydrometer Method). Sampling for API gravity shall be performed in accordance with ASTM Method D 4057 "Standard Practices for Manual Sampling of Petroleum and Petroleum Products." [District Rule 4623] Federally Enforceable Through Title V Permit
 15. TVP of any organic liquid shall be determined by measuring the Reid Vapor Pressure (RVP) using ASTM D 323-94 (Test Method for Vapor Pressure for Petroleum Products), and converting the RVP to TVP at the tank's maximum organic liquid storage temperature. The conversion of RVP to TVP shall be done in accordance with the procedures in Appendix B. Appendix B is an excerpt from the oil and gas section of "California Air Resources Boards (ARB) Technical Guidance Document to the Criteria and Guidelines Regulation for AB 2588", dated August 1989. As an alternative to using ASTM D 323-94, the TVP of crude oil with an API gravity range of greater than 20 degrees up to 30 degrees may be determined by using other equivalent test methods approved by APCO, ARB and EPA. [District Rule 4623] Federally Enforceable Through Title V Permit
 16. For crude oil with an API gravity of 26 degrees or less, the TVP shall be determined using the latest version of the Lawrence Berkeley National Laboratory "Test Method for Vapor Pressure of Reactive Organic Compounds in Heavy Crude Oil Using Gas Chromatograph" (Host Method), as approved by ARB and EPA. [District Rule 4623] Federally Enforceable Through Title V Permit
 17. The TVP testing shall be conducted at actual storage temperature of the organic liquid in the tank. [District Rule 4623] Federally Enforceable Through Title V Permit
 18. Instead of testing each uncontrolled fixed roof tank, the permittee may conduct a TVP test of the organic liquid stored in a representative tank provided the requirements of Sections 6.2.1.1.1 through 6.2.1.1.5 of Rule 4623 are met. [District Rule 4623] Federally Enforceable Through Title V Permit
 19. If the source can demonstrate compliance with the provisions of Rule 4623 Section 5.7, then any deviations that are addressed under the provisions of Table 3 through 6 shall not be in violation of this permit. [District Rule 4623] Federally Enforceable Through Title V Permit
 20. Except as otherwise provided in this permit all tank gauging or sampling device(s) and fittings in vapor service shall be maintained in a gas-tight condition. [District Rule 4623] Federally Enforceable Through Title V Permit
 21. All piping, fittings, and valves on this tank shall be inspected annually by the facility operator in accordance with EPA Method 21, with the instrument calibrated with methane, to ensure compliance with the leaking provisions of this permit. [District Rule 4623] Federally Enforceable Through Title V Permit
 22. If any of the tank components are found to be leaking, operator shall immediately affix a tag and maintain records of gas leak detection readings, date/time leak was discovered, and date/time the component was repaired to a leak-free condition. [District Rule 4623] Federally Enforceable Through Title V Permit
 23. Upon detection of any leaking components (having a gas leak >10,000 ppmv, measured in accordance with EPA Method 21 by a portable hydrocarbon detection instrument that is calibrated with methane) operator shall: (a) Eliminate or minimize the leak within 8 hours after detection. (b) If the leak can not be eliminated, then minimize the leak to the lowest possible level within 8 hours after detection by using best maintenance practices; and eliminate the leak within 48 hours after detection. (c) In no event that the total time to minimize and eliminate the leak shall exceed 56 hours after detection [District Rule 4623] Federally Enforceable Through Title V Permit
 24. Leaking tank components affixed to the tank or within five feet of the tank that have been discovered by the operator and that have been immediately tagged and repaired within the specified deadlines, shall not constitute a violation of the District Rule 4623. However, leaking components discovered during inspections by District staff that were not previously identified and/or tagged by the operator, and/or any leaks that were not repaired within specified deadlines, shall constitute a violation of SJVUAPCD Rule 4623. [District Rule 4623] Federally Enforceable Through Title V Permit

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25. If a component type for a given tank is found to leak during an annual inspection, then conduct quarterly inspections of that component type on the tank or tank system for four consecutive quarters. If a component type is found to have no leak after four consecutive quarterly inspections, then revert to annual inspections. [District Rule 4623] Federally Enforceable Through Title V Permit
 26. Any component found to be leaking on two consecutive annual inspections is in violation of SJVU APCD Rule 4623, even if it is under the voluntary inspection and maintenance program. [District Rule 4623] Federally Enforceable Through Title V Permit
 27. Operator shall maintain an inspection log containing the following 1) Type of component leaking; 2) Date and time of leak detection, and method of detection; 3) Date and time of leak repair, and emission level of recheck after leak is repaired; 4) Method used to minimize the leak to lowest possible level within 8 hours after detection. [District Rule 4623] Federally Enforceable Through Title V Permit
 28. Permittee shall submit records of TVP and API gravity testing to the APCO within 45 days after the date of testing. The records shall include the tank identification number, Permit to Operate number, type of stored organic liquid, TVP and API gravity of the organic liquid, test methods used, and a copy of the test results. [District Rule 4623] Federally Enforceable Through Title V Permit
 29. The permittee shall keep accurate records of each organic liquid stored in the tank, including its TVP, API gravity, and throughput for a period of five years, and shall make such records available for District inspection upon request. [District Rule 4623] Federally Enforceable Through Title V Permit