



MAR 25 2016

Mr. John Ocana  
California Resources Production Corporation  
11109 River Run Blvd  
Bakersfield, CA 93311

**Re: Notice of Minor Title V Permit Modification  
District Facility # S-8452  
Project # S-1160178**

Dear Mr. Ocana:

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 Authorities to Construct S-8452-12-3 and '-13-3 (under project S-1153715) into the Title V operating permit. The modifications consist of increasing the crude oil throughput limits for two crude oil storage tanks under permits to operate S-8452-12 and '-13 to 3,500 bbl/day and 5,500 bbl/day, respectively and lowering the True Vapor Pressure (TVP) limit not to exceed 0.17 psia for both tanks.

Enclosed is the engineering evaluation with the following attachments: proposed modified Title V permit, recently issued Authorities to Construct S-8452-12-3 and '-13-3, 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.

If you have any questions, please contact Mr. Errol Villegas, Permit Services Manager, at (559) 230-5900.

Thank you for your cooperation in this matter.

Sincerely,

Arnaud Marjollet  
Director of Permit Services

Enclosures

cc: Gerardo C. Rios, EPA (w/enclosure) via email  
William D. Shaffer, CRPC (w/enclosure) via email: [william.shaffer@crc.com](mailto:william.shaffer@crc.com)

**Seyed Sadredin**  
Executive Director/Air Pollution Control Officer

**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

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

# **TITLE V APPLICATION REVIEW**

Minor Modification  
Project #: S-1160178

Engineer: Sajjad Ahmad  
Date: March 16, 2016

Facility Number: S-8452  
Facility Name: California Resources Production Corporation  
Mailing Address: 11109 River Run Blvd  
Bakersfield, CA 93311

Contact Name: William Douglas Shaffer  
Phone: (661) 529-4366

Responsible Official: John Ocana  
Title: Operations Manager, Central Valley Operations

---

## **I. PROPOSAL**

California Resources Production Corporation is proposing a Title V minor permit modification to incorporate recently issued Authorities to Construct S-8452-12-3 and '-13-3 (under project S-1153715) into the Title V operating permit. The modifications consist of increasing the crude oil throughput limits for two crude oil storage tanks under permits to operate S-8452-12 and '-13 to 3,500 bbl/day and 5,500 bbl/day, respectively and lowering the True Vapor Pressure (TVP) limit not to exceed 0.17 psia for both tanks.

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 equipment is located within CRPC's Heavy Oil Central Stationary Source in Kern County, CA, within the SW/4 of Section 4, Township 27S, Range 28E.

## **III. EQUIPMENT DESCRIPTION**

S-8452-12-4: 1000 BBL FIXED ROOF CRUDE OIL STORAGE TANK WITH PV VALVE (NORTH UNIT NO. 5)

S-8452-13-4: 2000 BBL FIXED ROOF CRUDE OIL WASH TANK WITH PV VALVE (NORTH UNIT NO. 6)

#### **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**

The modifications are summarized below:

##### PTO S-8452-12-4:

- Increase daily crude oil throughput limit from 1,200 bbl/day to 3,500 bbl/day on a monthly average basis.
- Decrease True Vapor Pressure (TVP) limit from 0.5 psia to 0.17 psia.

##### PTO S-8452-13-4:

- Increase daily crude oil throughput limit from 2,000 bbl/day to 5,500 bbl/day on a monthly average basis.
- Decrease True Vapor Pressure (TVP) limit from 0.5 psia to 0.17 psia.

Condition #1 on the ATCs S-8452-12-3 and '-13-3 was not included on the proposed permits, since the requirement has been satisfied with the submittal of this Title V Minor Modification application.

Conditions #3 thru 10 of the current PTOs were included without any changes to the conditions wording and included as conditions #3 thru 10 on the proposed PTOs. However, reference of District Rule 2201 was included on conditions #2, 3, 4, 7, 8, and 9 on the proposed PTOs for clarity.

## 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-8452-12-4 and '-13-4
- B. Authorities to Construct No. S-8452-12-3 and '-13-3
- C. Application
- D. Previous Title V Operating Permit No. S-8452-12-1 and '-13-1

# ATTACHMENT A

Proposed Modified Title V Operating Permit No.  
(S-8452-12-4 and '-13-4)

# San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-8452-12-4

SECTION: SW04 TOWNSHIP: 27S RANGE: 28E

**EQUIPMENT DESCRIPTION:**

1000 BBL FIXED ROOF CRUDE OIL STORAGE TANK WITH PV VALVE (NORTH UNIT NO. 5)

EXPIRATION DATE: 03/31/2016

DRAFT

## PERMIT UNIT REQUIREMENTS

---

1. Crude oil throughput shall not exceed 3,500 barrels per day based on a monthly average. [District Rule 2201] Federally Enforceable Through Title V Permit
2. This tank shall only store, place, or hold organic liquid with a true vapor pressure (TVP) of less than 0.17 psia under all storage conditions. [District Rules 2201 and 4623] Federally Enforceable Through Title V Permit
3. Permittee shall conduct true vapor pressure (TVP) testing of the organic liquid stored in this tank within 60 days of startup and 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 in order to maintain exemption from the rule. [District Rules 2201 and 4623] Federally Enforceable Through Title V Permit
4. The API gravity of crude oil or petroleum distillate shall be determined 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
5. 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", as approved by ARB and EPA. [District Rule 4623] Federally Enforceable Through Title V Permit
6. The TVP testing shall be conducted at actual storage temperature of the organic liquid in the tank. The permittee shall also conduct an API gravity testing. [District Rule 4623] Federally Enforceable Through Title V Permit
7. Permittee shall submit the records of TVP and API gravity testing to the APCO within 30 days of startup TVP testing and within 45 days after the date of each 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 Rules 2201 and 4623] Federally Enforceable Through Title V Permit
8. Permittee shall maintain monthly records of average daily crude oil throughput and shall keep accurate records of each organic liquid stored in the tank, including its storage temperature, TVP, and API gravity. [District Rule 2201] Federally Enforceable Through Title V Permit
9. All records required to be maintained by this permit shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rules 2201] Federally Enforceable Through Title V Permit
10. Formerly S-1326-330.

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

DRAFT

# San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-8452-13-4

EXPIRATION DATE: 03/31/2016

SECTION: SW04 TOWNSHIP: 27E RANGE: 28S

**EQUIPMENT DESCRIPTION:**

2000 BBL FIXED ROOF CRUDE OIL WASH TANK WITH PV VALVE (NORTH UNIT NO. 6)

## PERMIT UNIT REQUIREMENTS

---

1. Crude oil throughput shall not exceed 5,500 barrels per day based on a monthly average. [District Rule 2201] Federally Enforceable Through Title V Permit
2. This tank shall only store, place, or hold organic liquid with a true vapor pressure (TVP) of 0.17 psia or less under all storage conditions. [District Rules 2201 and 4623] Federally Enforceable Through Title V Permit
3. Permittee shall conduct true vapor pressure (TVP) testing of the organic liquid stored in this tank within 60 days of startup and 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 in order to maintain exemption from the rule. [District Rules 2201 and 4623] Federally Enforceable Through Title V Permit
4. The API gravity of crude oil or petroleum distillate shall be determined 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
5. 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", as approved by ARB and EPA. [District Rule 4623] Federally Enforceable Through Title V Permit
6. The TVP testing shall be conducted at actual storage temperature of the organic liquid in the tank. The permittee shall also conduct an API gravity testing. [District Rule 4623] Federally Enforceable Through Title V Permit
7. Permittee shall submit the records of TVP and API gravity testing to the APCO within 30 days of startup TVP testing and within 45 days after the date of each 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 Rules 2201 and 4623] Federally Enforceable Through Title V Permit
8. Permittee shall maintain monthly records of average daily crude oil throughput and shall keep accurate records of each organic liquid stored in the tank, including its storage temperature, TVP, and API gravity. [District Rule 2201] Federally Enforceable Through Title V Permit
9. All records required to be maintained by this permit shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rules 2201] Federally Enforceable Through Title V Permit
10. Formerly S-1326-331.

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

# ATTACHMENT B

Authorities to Construct No.  
(S-8452-12-3 and '-13-3)

# AUTHORITY TO CONSTRUCT

PERMIT NO: S-8452-12-3 ISSUANCE DATE: 01/21/2016

LEGAL OWNER OR OPERATOR: CALIFORNIA RESOURCES PRODUCTION CORP

MAILING ADDRESS: 9600 MING AVENUE, SUITE 300

BAKERSFIELD, CA 93311

LOCATION: HEAVY OIL CENTRAL

SECTION: SW04 TOWNSHIP: 27S RANGE: 28E

**EQUIPMENT DESCRIPTION:**

MODIFICATION OF 1000 BBL FIXED ROOF CRUDE OIL STORAGE TANK WITH PV VALVE (NORTH UNIT NO. 5): INCREASE THE DAILY CRUDE OIL THROUGHPUT (ON A MONTHLY AVERAGE BASIS) TO 3,500 BBL PER DAY AND DECREASE TWP LIMIT TO 0.17 PSIA

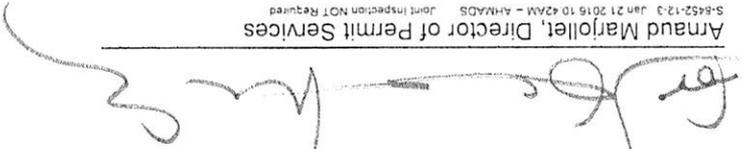
## CONDITIONS

1. 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. Crude oil throughput shall not exceed 3,500 barrels per day based on a monthly average. [District Rule 2201] Federally Enforceable Through Title V Permit
3. This tank shall only store, place, or hold organic liquid with a true vapor pressure (TVP) of less than 0.17 psia under all storage conditions. [District Rules 2201 and 4623] Federally Enforceable Through Title V Permit
4. Permittee shall conduct true vapor pressure (TVP) testing of the organic liquid stored in this tank within 60 days of startup and 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 in order to maintain exemption from the rule. [District Rules 2201 and 4623] Federally Enforceable Through Title V Permit
5. The API gravity of crude oil or petroleum distillate shall be determined 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

CONDITIONS CONTINUE ON NEXT PAGE

YOU MUST NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (661) 392-5500 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. THIS IS NOT A PERMIT TO OPERATE. APPROVAL OR DENIAL OF A PERMIT TO OPERATE WILL BE MADE AFTER AN INSPECTION TO VERIFY THAT THE EQUIPMENT HAS BEEN CONSTRUCTED IN ACCORDANCE WITH ALL APPROVED PLANS, SPECIFICATIONS AND CONDITIONS OF THIS AUTHORITY TO CONSTRUCT, AND TO DETERMINE IF THE EQUIPMENT CAN BE OPERATED IN ACCORDANCE WITH ALL RULES AND REGULATIONS OF THE SAN JOAQUIN VALLEY UNIFIED AIR POLLUTION CONTROL DISTRICT. UNLESS CONSTRUCTION HAS COMMENCED PURSUANT TO RULE 2050, THIS AUTHORITY TO CONSTRUCT SHALL EXPIRE AND APPLICATION SHALL BE CANCELLED TWO YEARS FROM THE DATE OF ISSUANCE. THE APPLICANT IS RESPONSIBLE FOR COMPLYING WITH ALL LAWS, ORDINANCES AND REGULATIONS OF ALL OTHER GOVERNMENTAL AGENCIES WHICH MAY PERTAIN TO THE ABOVE EQUIPMENT.

Seyed Sadredin, Executive Director / APCO



Annand Marjolie, Director of Permit Services  
S-8452-12-3 Jan 21 2016 10:42AM - AHMADS Joint Inspection NOT Required

6. 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", as approved by ARB and EPA. [District Rule 4623] Federally Enforceable Through Title V Permit
7. The TVP testing shall be conducted at actual storage temperature of the organic liquid in the tank. The permittee shall also conduct an API gravity testing. [District Rule 4623] Federally Enforceable Through Title V Permit
8. Permittee shall submit the records of TVP and API gravity testing to the APCO within 30 days of startup TVP testing and within 45 days after the date of each 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 Rules 2201 and 4623] Federally Enforceable Through Title V Permit
9. Permittee shall maintain monthly records of average daily crude oil throughput and shall keep accurate records of each organic liquid stored in the tank, including its storage temperature, TVP, and API gravity. [District Rule 2201] Federally Enforceable Through Title V Permit
10. All records required to be maintained by this permit shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rules 2201] Federally Enforceable Through Title V Permit
11. Formerly S-1326-330.



## AUTHORITY TO CONSTRUCT

PERMIT NO: S-8452-13-3

ISSUANCE DATE: 01/21/2016

LEGAL OWNER OR OPERATOR: CALIFORNIA RESOURCES PRODUCTION CORP

MAILING ADDRESS: 9600 MING AVENUE, SUITE 300  
BAKERSFIELD, CA 93311

LOCATION: HEAVY OIL CENTRAL

SECTION: SW04 TOWNSHIP: 27E RANGE: 28S

**EQUIPMENT DESCRIPTION:**

MODIFICATION OF 2000 BBL FIXED ROOF CRUDE OIL WASH TANK WITH PV VALVE (NORTH UNIT NO. 6); INCREASE DAILY CRUDE OIL THROUGHPUT (ON A MONTHLY AVERAGE BASIS) TO 5,500 BBL PER DAY AND DECREASE TVP LIMIT TO 0.17 PSIA

### CONDITIONS

1. 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. Crude oil throughput shall not exceed 5,500 barrels per day based on a monthly average. [District Rule 2201] Federally Enforceable Through Title V Permit
3. This tank shall only store, place, or hold organic liquid with a true vapor pressure (TVP) of 0.17 psia or less under all storage conditions. [District Rules 2201 and 4623] Federally Enforceable Through Title V Permit
4. Permittee shall conduct true vapor pressure (TVP) testing of the organic liquid stored in this tank within 60 days of startup and 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 in order to maintain exemption from the rule. [District Rules 2201 and 4623] Federally Enforceable Through Title V Permit
5. The API gravity of crude oil or petroleum distillate shall be determined 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

CONDITIONS CONTINUE ON NEXT PAGE

YOU **MUST** NOTIFY THE DISTRICT COMPLIANCE DIVISION AT (661) 392-5500 WHEN CONSTRUCTION IS COMPLETED AND PRIOR TO OPERATING THE EQUIPMENT OR MODIFICATIONS AUTHORIZED BY THIS AUTHORITY TO CONSTRUCT. This is NOT a PERMIT TO OPERATE. Approval or denial of a PERMIT TO OPERATE will be made after an inspection to verify that the equipment has been constructed in accordance with the approved plans, specifications and conditions of this Authority to Construct, and to determine if the equipment can be operated in compliance with all Rules and Regulations of the San Joaquin Valley Unified Air Pollution Control District. Unless construction has commenced pursuant to Rule 2050, this Authority to Construct shall expire and application shall be cancelled two years from the date of issuance. The applicant is responsible for complying with all laws, ordinances and regulations of all other governmental agencies which may pertain to the above equipment.

Seyed Sadredin, Executive Director / APCO



Arnaud Marjollet, Director of Permit Services

S-8452-13-3 Jan 21 2016 10:42AM - AH/MADS Joint Inspection NOT Required

6. 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", as approved by ARB and EPA. [District Rule 4623] Federally Enforceable Through Title V Permit
7. The TVP testing shall be conducted at actual storage temperature of the organic liquid in the tank. The permittee shall also conduct an API gravity testing. [District Rule 4623] Federally Enforceable Through Title V Permit
8. Permittee shall submit the records of TVP and API gravity testing to the APCO within 30 days of startup TVP testing and within 45 days after the date of each 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 Rules 2201 and 4623] Federally Enforceable Through Title V Permit
9. Permittee shall maintain monthly records of average daily crude oil throughput and shall keep accurate records of each organic liquid stored in the tank, including its storage temperature, TVP, and API gravity. [District Rule 2201] Federally Enforceable Through Title V Permit
10. All records required to be maintained by this permit shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rules 2201] Federally Enforceable Through Title V Permit
11. Formerly S-1326-331.

# ATTACHMENT C

Application

# San Joaquin Valley Air Pollution Control District

www.valleyair.org

## Permit Application For:

ADMINISTRATIVE AMENDMENT     MINOR MODIFICATION     SIGNIFICANT MODIFICATION

1. PERMIT TO BE ISSUED TO: California Resources Production Corporation	
2. MAILING ADDRESS: STREET/P.O. BOX: <u>11107 River Run Blvd.</u> CITY: <u>Bakersfield</u> STATE: <u>CA</u> 9-DIGIT ZIP CODE: <u>93311</u>	
3. LOCATION WHERE THE EQUIPMENT WILL BE OPERATED: STREET: <u>Heavy Oil Central Source (S-8452)</u> CITY: _____ SW <u>04</u> TOWNSHIP <u>27S</u> RANGE <u>28E</u>	INSTALLATION DATE:
4. GENERAL NATURE OF BUSINESS: Crude Oil and Natural Gas Production	
5. DESCRIPTION OF EQUIPMENT OR MODIFICATION FOR WHICH APPLICATION IS MADE (include Permit #'s if known, and use additional sheets if necessary) Incorporate ATCs S-8452-12-3 & -13-3 into Title V permit S-8452	
6. TYPE OR PRINT NAME OF APPLICANT: Wm. Dougals Shaffer, PE	TITLE OF APPLICANT: HSE Environmental Consultant
7. SIGNATURE OF APPLICANT: 	DATE: <u>22 Jan 2016</u> PHONE: (661) 529-4366 FAX: EMAIL: <u>william.shaffer@crc.com</u>

### For APCD Use Only:

DATE STAMP	FILING FEE RECEIVED: \$ _____ CHECK#: _____
	DATE PAID: _____
	PROJECT NO: _____ FACILITY ID: <u>S-8452</u>

**San Joaquin Valley  
Unified Air Pollution Control District**

**TITLE V MODIFICATION - COMPLIANCE CERTIFICATION FORM**

**I. TYPE OF PERMIT ACTION (Check appropriate box)**

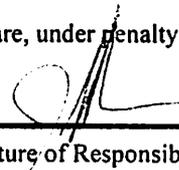
- SIGNIFICANT PERMIT MODIFICATION                       ADMINISTRATIVE AMENDMENT  
 MINOR PERMIT MODIFICATION

COMPANY NAME: California Resources Production Corporation	FACILITY ID: S-8452
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:	
3. Agent to the Owner:	

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

- Based on information and belief formed after reasonable inquiry, the equipment identified in this application will continue to comply with the applicable federal requirement(s).
- Based on information and belief formed after reasonable inquiry, the equipment 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

22 Jan 2016  
\_\_\_\_\_  
Date

John Ocana  
\_\_\_\_\_  
Name of Responsible Official (please print)

Operations Manager, Central Valley Operations  
\_\_\_\_\_  
Title of Responsible Official (please print)

Implement ATCs to Increase Throughput at Mt. Poso North Unit

# ATTACHMENT D

Previous Title V Operating Permit No.  
(S-8452-12-1 and '-13-1)

# San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-8452-12-1

EXPIRATION DATE: 03/31/2016

SECTION: SW04 TOWNSHIP: 27S RANGE: 28E

**EQUIPMENT DESCRIPTION:**

1000 BBL FIXED ROOF CRUDE OIL STORAGE TANK (NORTH UNIT NO. 5) WITH PV VALVE

## PERMIT UNIT REQUIREMENTS

---

1. Crude oil throughput shall not exceed 1,200 barrels per day based on a monthly average. [District Rule 2201] Federally Enforceable Through Title V Permit
2. This tank shall only store, place, or hold organic liquid with a true vapor pressure (TVP) of less than 0.5 psia under all storage conditions. [District Rule 4623] Federally Enforceable Through Title V Permit
3. Permittee shall conduct true vapor pressure (TVP) testing of the organic liquid stored in this tank 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 in order to maintain exemption from the rule. [District Rule 4623] Federally Enforceable Through Title V Permit
4. The API gravity of crude oil or petroleum distillate shall be determined 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
5. 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", as approved by ARB and EPA. [District Rule 4623] Federally Enforceable Through Title V Permit
6. The TVP testing shall be conducted at actual storage temperature of the organic liquid in the tank. The permittee shall also conduct an API gravity testing. [District Rule 4623] Federally Enforceable Through Title V Permit
7. Permittee shall submit the 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
8. The permittee shall keep accurate records of each organic liquid stored in the tank, including its storage temperature, TVP, and API gravity. [District Rule 4623] Federally Enforceable Through Title V Permit
9. All records required to be maintained by this permit shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rules 2520, 9.4.2 and 4623] Federally Enforceable Through Title V Permit
10. Formerly S-1326-330.

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

# San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-8452-13-1

EXPIRATION DATE: 03/31/2016

SECTION: SW04 TOWNSHIP: 27E RANGE: 28S

## EQUIPMENT DESCRIPTION:

2000 BBL FIXED ROOF CRUDE OIL WASH TANK WITH PV VALVE (NORTH UNIT NO. 6)

## PERMIT UNIT REQUIREMENTS

---

1. Crude oil throughput shall not exceed 2,000 barrels per day based on a monthly average. [District Rule 2201] Federally Enforceable Through Title V Permit
2. This tank shall only store, place, or hold organic liquid with a true vapor pressure (TVP) of less than 0.5 psia under all storage conditions. [District Rule 4623] Federally Enforceable Through Title V Permit
3. Permittee shall conduct true vapor pressure (TVP) testing of the organic liquid stored in this tank 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 in order to maintain exemption from the rule. [District Rule 4623] Federally Enforceable Through Title V Permit
4. The API gravity of crude oil or petroleum distillate shall be determined 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
5. 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", as approved by ARB and EPA. [District Rule 4623] Federally Enforceable Through Title V Permit
6. The TVP testing shall be conducted at actual storage temperature of the organic liquid in the tank. The permittee shall also conduct an API gravity testing. [District Rule 4623] Federally Enforceable Through Title V Permit
7. Permittee shall submit the 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
8. The permittee shall keep accurate records of each organic liquid stored in the tank, including its storage temperature, TVP, and API gravity. [District Rule 4623] Federally Enforceable Through Title V Permit
9. All records required to be maintained by this permit shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rules 2520, 9.4.2 and 4623] Federally Enforceable Through Title V Permit
10. Formerly S-1326-331.

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