

December 14, 2023

Santa Barbara County Air Pollution Control District 260 N. San Antonio Rd, Suite A Santa Barbara, CA 93110

Subject: Pacific Coast Energy Acquisition Title V Permit Application Casmalia Stationary Source Arellanes, Casmalia ICEs, Morganti, Muscia, NR Bonetti, and Righetti Leases

> SSID 11516 FID 03212, 04216, 3303, 3304, 4501, and 3948

Too Whom it May Concern:

Enclosed is a Title V permit application to include above referenced leases in the Casmalia Field as part of the Orcutt Hill Field Stationary Source owned and operated by Pacific Coast Energy Company (PCEC).

Per District policy, the application fee Four Hundred and Ninety-one dollars (\$491.00) per facility totaling Two Thousand Niine Hundred and Forty-six Dollars (\$2,946.00) will be paid over the phone with staff.

Should you have any questions about this submittal, do not hesitate to contact me or Marianne Strange at 805-564-6590.

Sincerely,

P. Bran

Philip Brown COO 805-937-2576

Enclosure

C: M. Strange, MFSA Justin Martin, PCEC



air pollution control district santa barbara county

General Permit Application Form -01

Santa Barbara County Air Pollution Control District 260 N. San Antonio Road, Suite A Santa Barbara, CA 93110-1315

○ Yes

• No

1. APPLICATION TYPE (check all that apply):

Authority to Construct (ATC)	Transfer of Owner/Operator (use Form -01T		
Permit to Operate (PTO)	Emission Reduction Credits		
ATC Modification	Increase in Production Rate or Throughput		
X PTO Modification	Decrease in Production Rate or Throughput		
Other (Specify)			
Previous ATC/ <u>PTO</u> Number (if known)	Refer to the project description		

● Yes ○ No
 Are Title 5 Minor Modification Forms Attached? (this applies to Title 5 sources only and applies to all application types except ATCs and Emission Reduction Credits). Complete Title 5 Form -1302 A1/A2, B, and M. Complete Title 5 Form -1302 C1/C2, D1/D2, E1/E2, F1/F2, G1/G2 as appropriate. http://www.ourair.org/wp-content/uploads/t5-forms.pdf

Mail or email the completed application to the APCD's Engineering Division at the address listed above or permits@sbcapcd.org.

2. FILING FEE:

A \$491 application filing fee must be included with each application. The application filing fee is COLA-adjusted every July 1st. Please ensure you are remitting the correct current fee (the current fee schedule is available on the APCD's webpage at: <u>http://www.ourair.org/district-fees</u>). This filing fee will not be refunded or applied to any subsequent application. Payment may also be made by credit card by submitting the Credit Card Authorization Form found here <u>https://www.ourair.org/wp-content/uploads/apcd-01c.pdf</u> via mail or calling 805-979-8050 to pay via phone. **Do not submit the Credit Card Authorization Form via email.**

3. IS YOUR PROJECT'S PROPERTY BOUNDARY LOCATED OR PROPOSED TO BE LOCATED WITHIN 1,000 FEET FROM THE OUTER BOUNDARY OF A SCHOOL? If yes, and the project results in an emissions increase, submit a completed Form -03 (*School Summary Form*) http://www.ourair.org/wp-content/uploads/apcd-03.pdf

If yes, provide the name	e of school(s)		
Address of school(s)			
City		Zip Code	

4. DOES YOUR APPLICATION CONTAIN CONFIDENTIAL INFORMATION?

If yes, please submit with a redacted duplicate application which shall be a public document. In order to be protected from disclosure to the public, all information claimed as confidential shall be submitted in accordance with APCD Policy & Procedure 6100-020 (*Handling of Confidential Information*): http://www.ourair.org/wp-content/uploads/6100-020.pdf, and meet the criteria of CA Govt Code Sec 6254.7. Failure to follow required procedures for submitting confidential information, or to declare it as confidential at the time of application, shall be deemed a waiver by the applicant of the right to protect such information from public disclosure. *Note: Part 70 permit applications may contain confidential information in accordance with the above procedures, however, the content of the permit documents must be public (no redactions).*

FOR APCD USE ONLY			DATE STAMP	
FID	3948	Permit No.	PT-70 16215	
Project Name	Righetti Lease			Rec'd 12/18/2023
Filing Fee	\$ 491.00		202.E? YES / NO	

CC Ending 9258 Marianne Strange

5. COMPANY/CONTACT INFORMATION:

Owner Info		∩ Yes ⊙ N	No Use as	Billing Contact?
Company Name	Pacific Coast	Pacific Coast Energy Acquisitions LLC		C
Doing Business As	PCEA			
Contact Name	Lisa Toler			Position/Title CFO
Mailing Address	1 Riverway, S	Suite 1025		
City Houst	on			State TX Zip Code 77056
Telephone	281-782-8275	Cell		Email Lisa.Toler@pceclp.com

Operator Info		• Yes () No	Use as Billing Contact?
Company Name	Pacific Coas	t Energy Company	/ LP
Doing Business A	As PCEC		
Contact Name	Phil Brown		Position/Title COO
Mailing Address	1555 Orcutt	Hill Road	
City Orcu	tt		State CA Zip Code 93455
Telephone	805-937-2576	Cell	Email Philip.Brown@pceclp.com

Authorized	Agent In	fo*	🔿 Yes 💿 No	Use as Billing Co	Contact?	
Company N	lame	M. F. Strange& Associates, Inc.				
Doing Busin	ness As	MFSA				
Contact Nat	me	Marianne Strange Position/Title President				
Mailing Ad	dress	ss P. O. Box 1484				
City	Santa Ba	rbara		State	CA Zip Code 93102	
Telephone	80	-564-6590	Cell (80)5) 570-9740	Email mstrange@mfsair.com	

*Use this section if the application is not submitted by the owner/operator. Complete APCD Form -01A (<u>http://www.ourair.org/wp-content/uploads/apcd-01a.pdf</u>). Owner/Operator information above is still required.

SEND PERMITTING CORRE	SPONDENCE TO (check all that apply):	
Owner	⊠ Operator	
X Authorized Agent	Other (attach mailing information)	

6. GENERAL NATURE OF BUSINESS OR AGENCY:

Oil and Gas			

7. EQUIPMENT LOCATION (Address):

Specify the street address of the proposed or actual equipment location. If the location does not have a designated address, please specify the location by cross streets, or lease name, UTM coordinates, or township, range, and section.

Equipment	Address		
City	Orcutt	State CA Zip Code 93455	
Work Site I	Phone +1 (805) 937-2576]	

8. PROJECT DESCRIPTION:

(Describe the equipment to be constructed, modified and/or operated or the desired change in the existing permit. Attach a separate page if needed):

Due to common ownership and contiguous property boundaries, this application is to include Casmalia Stationary Source Leases Arellenas (PTO 8976-R11) Casmalia ICEs (PTO 8035-R11), Morganti (PTO 8096-R12), Muscio (PTO 8980-R10), NR Bonetti (PTO 8978-R10, and Righetti (PTO 8977-R10) as part of the Orcutt Hill Field Stationary Source owned and operated by Pacific Coast Energy Company (PCEC).

9. DO YOU REQUIRE A LAND USE PERMIT OR OTHER LEAD AGENCY PERMIT FOR THE PROJECT DESCRIBED IN THIS APPLICATION?: O Yes O No

A. If yes, please provide the following information

Agency Name	Permit #	Phone #	Permit Date

* The lead agency is the public agency that has the principal discretionary authority to approve a project. The lead agency is responsible for determining whether the project will have a significant effect on the environment and determines what environmental review and environmental document will be necessary. The lead agency will normally be a city or county planning agency or similar, rather than the Air Pollution Control District.

B. If yes, has the lead agency permit application been deemed complete and is a copy of their completeness letter attached?

OYes O No

Please note that the APCD will not deem your application complete until the lead agency application is deemed complete.

- C. If the lead agency permit application has not been deemed complete, please explain.
- D. A copy of the final lead agency permit or other discretionary approval by the lead agency may be requested by the APCD as part of our completeness review process.

10. PROJECT STATUS:

A. Date of Equipment Installation	N/A			
-	iolation (NOV) for not obtaining a perm e you installed this equipment without the le per Rule 210.		() Yes	• No
C. Is this application being submitted of	lue to the loss of a Rule 202 exemption?		() Yes	No No
	nultiple phases? If yes, attach a separate ing the associated timing, equipment and		() Yes	• No
E. Is this application also for a change Form -01T.	of owner/operator? If yes, please also in	clude a completed APCD	() Yes	No No

11. APPLICANT/PREPARER STATEMENT:

The person who prepares the application also must sign the permit application. The preparer may be an employee of the owner/ operator or an authorized agent (contractor/consultant) working on behalf of the owner/operator (an *Authorized Agent Form -01A* is required).

I certify pursuant to H&SC Section 42303.5 that all information contained herein and information submitted with this application is true and correct.

Marianne Strange	Dec 14, 2023	
Signature of application preparer	Date	
Marianne Strange	MFSA	
Print name of application preparer	Employer name	

12. APPLICATION CHECKLIST (check all that apply)

X	Application Filing Fee (Fee = \$491. The application filing fee is COLA adjusted every July 1st. Please ensure you are remitting the current fee.) As a convenience to applicants, the APCD will accept credit card payments. If you wish to use this payment option, please complete a <i>Credit Card Form-01C</i> https://www.ourair.org/wp-content/uploads/apcd-01c.pdf and submit it via mail or call 805-979-8050 to pay over the phone. Do not submit the <i>Credit Card Form-01C</i> via email.
	Existing permitted sources may request that the filing fee be deducted from their current reimbursable deposits by checking this box. <u>Please deduct the filing fee from my existing reimbursement account.</u>
	Form -01T (<i>Transfer of Owner/Operator</i>) attached if this application also addresses a change in owner and/or operator status from what is listed on the current permit. <u>http://www.ourair.org/wp-content/uploads/apcd-01t.pdf</u>
	Form -03 (<i>School Summary Form</i>) attached if the project's property boundary is within 1,000 feet of the outer boundary of a school (k-12) and the project results in an emissions increase. <u>http://www.ourair.org/wp-content/uploads/apcd-03.pdf</u>
X	Information required by the APCD for processing the application as identified in APCD Rule 204 (<i>Applications</i>), the APCD's <i>General APCD Information Requirements List</i> (https://www.ourair.org/wp-content/uploads/gen-info.pdf), and any of the APCD's Process/Equipment Summary Forms (http://www.ourair.org/permit-applications) that apply to the project.
X	Form -01A (<i>Authorized Agent Form</i>) attached if this application was prepared by and/or if correspondence is requested to be sent to an Authorized Agent (e.g., contractor or consultant). This form must accompany each application. <u>http://www.ourair.org/wp-content/uploads/apcd-01a.pdf</u>
	Confidential Information submitted according to APCD Policy & Procedure 6100-020. (Failure to follow Policy and Procedure 6100-020 is a waiver of right to claim information as confidential.)

13. NOTICE OF CERTIFICATION:

All applicants must complete the following Notice of Certification. This certification must be signed by the Authorized Company Representative representing the owner/operator. Signatures by Authorized Agents will not be accepted.

NOTICE of CERTIFICATION

I. Phil Brown

, am employed by or represent

Type or Print Name of Authorized Company Representative

PCEC

Type or Print Name of Business, Corporation, Company, Individual, or Agency

(hereinafter referred to as the applicant), and certify pursuant to H&SC Section 42303.5 that all information contained herein and information submitted with this application is true and correct and the equipment listed herein complies or can be expected to comply with said rules and regulations when operated in the manner and under the circumstances proposed. If the project fees are required to be funded by the cost reimbursement basis, as the responsible person, I agree that I will pay the Santa Barbara County Air Pollution Control District the actual recorded cost, plus administrative cost, incurred by the APCD in the processing of the application within 30 days of the billing date. If I withdraw my application, I further understand that I shall inform the APCD in writing and I will be charged for all costs incurred through closure of the APCD files on the project.

For applications submitted for Authority to Construct, modifications to existing Authority to Construct, and Authority to Construct/Permit to Operate permits, I hereby certify that all major stationary sources in the state and all stationary sources in the air basin which are owned or operated by the applicant, or by an entity controlling, controlled by, or under common control with the applicant, are in compliance, or are on approved schedule for compliance with all applicable emission limitations and standards under the Clean Air Act (42 USC 7401 *et seq.*) and all applicable emission limitations and standards which are part of the State Implementation Plan approved by the Environmental Protection Agency.

Completed By: M	arianne Strange	Title:	Agent		
Date:	Dec 14, 2023	Phone:		(805) 564-6590	
Signature of Autho	rized Company Representative	P.Brow	(

PLEASE NOTE THAT FAILURE TO COMPLETELY PROVIDE ALL REQUIRED INFORMATION OR FEES WILL RESULT IN YOUR APPLICATION BEING RETURNED OR DEEMED INCOMPLETE.



air pollution control district SANTA BARBARA COUNTY



Authorized Agent Form Application Form -01A

Santa Barbara County Air Pollution Control District 260 N. San Antonio Road, Suite A Santa Barbara, CA 93110-1315

I hereby designate:

Agent's Name (print)	Marianne Strange		
Agent's Business Name	M. F. Strange & Associates, Inc.		
Agent's Phone Number	805-564-6590		
Agent's Email	mstrange@mfsair.com		
Agent's Address	P. O. Box 1484		
City, State, Zip	Santa Barbara CA 93012		

to serve as the Authorized Agent for my company:

Pacific Coast Energy Acquisitions LLC & PCEC (applicant or permitted company's name - print)

at Casmalia Stationary Source

in dealing with the Santa Barbara County Air Pollution Control District (APCD) in matters regarding (check as appropriate):

(facility name(s) - print)

X Permitting	Billing
X Air Toxics/HRA	Source Testing
Inspections and Permit Compliance	All of the above
Other (state purpose):	

This Designation included written correspondence, telephone discussions and meetings and shall remain in effect until it is suspended in writing by my company or the following date: **Indefinate** whichever is earlier.

As a designated Responsible Official, I hereby authorize the above mentioned agent to represent my company in the matters identified above:

Name (print)	Philip Brown
Title	Chief Operating Officer
Phone	805-937-2576
Email	philip.brown@pceclp.com
Address	1555 Orcutt Hill Road
City, State, Zip	Orcutt, CA 93455
Signature	P. Branci,

ARELLANES LEASE PTO 8976-R11 TV APPLICATION FORMS

STATIONARY SOURCE SUMMARY (Form 1302-A1)

APCD: Santa Barbara County Air Pollution Control District

COMPANY NAME: Pacific Coast Energy Acquisitions, LLC

► APCD USE ONLY -ii(

Application #:

Application Filing Fee*:

APCD IDS Processing ID:

Date Application Received: Date Application Deemed Complete:

I. SOURCE IDENTIFICATION

1. Source Name: Arellanes Lease Casmalia		
2. Four digit SIC Code: 1311 USEPA AIRS Plant ID (for APCD use only):		
3. Parent Company (if different than Source Name): Pacific Coast Energy Acquisitions, LLC	
4. Mailing Address of Responsible Official: 1555	Orcutt Hill Road Orcutt, CA 93455	
5. Street Address of Source Location (include Zip	Code):	
6. UTM Coordinates (if required) (see instructions):	
7. Source located within: 50 miles of the state lin	ne [] Yes [X] No	
50 miles of a Native A	merican Nation [] Yes [X] No [] Not Applicable	
8. Type of Organization: [X] Corporation	[] Sole Ownership [] Government	
[] Partnership 9. Legal Owner's Name: Pacific Coast Energy Acqui	[] Utility Company isitions, LLC	
10. Owner's Agent Name (if any): Marianne Strang	e Title: Environmental _{Telephone} #: 805-564-6590 Consultant	
11. Responsible Official: Philip Brown	Title: Chief Operations Telephone #: 805-937-2576 Officer	
12. Plant Site Manager/Contact: Doug Miller	Title: ProductionTelephone #: 805-937-2576Foreman	
13. Type of facility: Oil and Gas		
14. General description of processes/products:	Please refer to attached project description	
15. Does your facility store, or otherwise handle, g	reater than threshold quantities of any substance on the Section 112(r)	
List of Substances and their Thresholds (see Attach	ment A)? [] Yes [X] No	
16. Is a Federal Risk Management Plan [pursuant t	o Section 112(r)] required? [] Not Applicable [] Yes [X] No	
(If yes, attach verification that Risk Management Pl Management Plan submittal.) Applications submitted without a filing fee will be returned	an is registered with appropriate agency or description of status of Risk ed to the applicant immediately as "improper" submittals	

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STATIONARY SOURCE SUMMARY (Form 1302-A2)

APCD:	► APCD USE ONLY -<
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Arellanes Lease Casmalia

II. TYPE OF PERMIT ACTION

	CURRENT PERMIT (permit number)	EXPIRATION (date)
Initial SBCAPCD's Regulation XIII Application	8976 – R11	6/2025
Permit Renewal		
Significant Permit Revision*		
Minor Permit Revision*		
Administrative Amendment		

III. DESCRIPTION OF PERMIT ACTION

1. Does the permit action requested involve:

[] Portable Source[] Voluntary Emissions Caps[] Acid Rain Source[] Alternative Operating Scenarios[] Source Subject to MACT Requirements [Section 112]

b: [X] None of the options in 1.a. are applicable

2. Is source operating under a Title V Program Compliance Schedule? [] Yes [X] No

a:

3. For permit modifications, provide a general description of the proposed permit modification:

*Requires APCD-approved NSR permit prior to a permit revision submittal

TOTAL STATIONARY SOURCE EMISSIONS (Form 1302-B)

APCD:	► APCD USE ONLY ""	
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:	
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Arellanes Lease Casmalia	

I. TOTAL STATIONARY SOURCE EMISSIONS

Provide a brief description of operating scenario: Please refer to attached project description.

POLLUTANT * (name)	EMISSIONS (tons per year)	PRE-MODIFICATION EMISSIONS (tons per year)	EMISSIONS CHANGE ** (tons per year)
NOx	306.70		N/A
ROC	191.06	NOT APPLICABLE FOR FIRST	1.77
СО	240.36	APPLICATION SUBMITTALS	N/A
SOx	19.21		N/A
РМ	7.62		N/A
PM10	7.62		N/A
PM2.5	7.62		N/A

* Emissions for all pollutants for which the source is major and for all NSPS/MACT-regulated air pollutants must be reported. HAP emissions must be determined, and those exceeding one ton per year from any emission unit category must also be quantified; if less than one ton per year, just list the HAPs emitted by name.

** Transferring all existing Casmalia Field Stationary Source leases to Orcutt Hill Stationary Source

COATING / SOLVENT EMISSION UNIT (Form 1302-D1)

APCD:	► APCD USE ONLY <
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Arellanes Lease Casmalia

I. EMISSION UNIT DESCRIPTION

1. Equipment type: Solvent & Coating Rule 202 exempt for maintenance

ATC/PTO Number: 8976-R11

- 2. Equipment description:
- 3. Equipment make, model & serial number:
- 4. Maximum design process rate or throughput:
- 5. Control device(s) type and description (if any):
- 6. Description of coating/solvent application/drying method(s) employed including coating transfer:
- 7. List and describe primary coating/solvent process equipment used: Mineral Spirits or similar for Lab Cuts. Coatings used for maintenance activities.

II. OPERATIONAL INFORMATION

1. Operating schedule: _____ hours/day _____ hours/year

2. Coatings/solvents information:

COATING/ SOLVENT (name)	MANUFACTURER (name)	MAXIMUM USE (gal/day, gal/yr)	VAPOR PRESSURE (mm of Hg)	SOLIDS CONTENT (%)	VOC CONTENT (%)

* Equipment may be grouped on a single form if it is of the same type and if the emissions are calculated the same way.

COATING / SOLVENT EMISSION UNIT (Form 1302-D2)

APCD:	► APCD USE ONLY <
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Arellanes Lease Casmalia

3. Emissions for Emission Unit(s) described on page(s):

CRITERIA POLLUTANT EMISSIONS (tons per year)					
POLLUTANTS	ROC				
A. Emissions	0.1				
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
OTHER REGU	OTHER REGULATED AIR POLLUTANT EMISSIONS (tons per year) ⁴				
POLLUTANTS	POLLUTANTS				
A. Emissions					
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					

1 For permit revisions only; emissions prior to project modification.

2 Difference between Pre-Modification Emissions (Section B.) and Emissions (Section A.).

3 For voluntary emissions cap and emission limits [i.e. expressed as parts per million (ppm) corrected for dilution air, pounds per hour (lbs/hr), pounds per million BTU (lb/MMBTU, etc.] required by any applicable federal requirement.

4 HAP emissions must be determined, and those exceeding one ton per year from any emission unit category must also be quantified; if less than one ton per year, just list the HAPs emitted by name.

GENERAL EMISSION UNIT (Form 1302-F1)

APCD:	► APCD USE ONLY 4{
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Arellanes Lease Casmalia

I. EMISSION UNIT DESCRIPTION

- 1. General process description: Separators
- 2. Equipment type*: Oil and Gas Separators
- 3. Equipment description*: ATC/PTO Number: 8976-R11 (Device 100927)
- 4. Equipment make, model & serial number:
- 5. Maximum design process rate or throughput:
- 6. Control device(s) type and description (if any):

II. OPERATIONAL INFORMATION

- 1. Operating schedule: 24 hours/day 8760 hours/year
- 2. Exhaust gas flow rate: _____SCFM @ _____%H₂O
- 3. Raw products used and finished products produced:

RAW PRODUCT USED (name)	FEED RATE or CONSUMPTION RATE or OTHER PARAMETER**	FINISHED PRODUCTS PRODUCED (name)	PRODUCTION RATE* (lbs/hr, gal/hr, etc.)

* Equipment may be grouped on a single form if it is of the same type and if the emissions are calculated the same way.

** Choose parameters to allow determination of applicability of federal requirements (e.g. lbs/hr, gallons/hr, tons/yr)

GENERAL EMISSION UNIT (Form 1302-F1)

APCD:	► APCD USE ONLY 4{
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Arellanes Lease Casmalia

I. EMISSION UNIT DESCRIPTION

- 1. General process description: Oil and Gas Wellheads
- 2. Equipment type*: Oil and Gas Well
- 3. Equipment description*: 5 Producing and idle wells
- 4. Equipment make, model & serial number:
- 5. Maximum design process rate or throughput:
- 6. Control device(s) type and description (if any):

II. OPERATIONAL INFORMATION

- 1. Operating schedule: 24 hours/day 8760 hours/year
- 2. Exhaust gas flow rate: _____SCFM @ _____%H₂O
- 3. Raw products used and finished products produced:

RAW PRODUCT USED (name)	FEED RATE or CONSUMPTION RATE or OTHER PARAMETER**	FINISHED PRODUCTS PRODUCED (name)	PRODUCTION RATE* (lbs/hr, gal/hr, etc.)

* Equipment may be grouped on a single form if it is of the same type and if the emissions are calculated the same way.

** Choose parameters to allow determination of applicability of federal requirements (e.g. lbs/hr, gallons/hr, tons/yr)

ATC/PTO Number: 8976-R11 (Device 002615)

GENERAL EMISSION UNIT (Form 1302-F2)

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Arellanes Lease Casmalia

CRITERIA POLLUTANT EMISSIONS (tons per year)					
POLLUTANTS	ROC				
A. Emissions	0.02				
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
OTHER REGULATED AIR POLLUTANT EMISSIONS (tons per year) ⁴					
POLLUTANTS	POLLUTANTS				
A. Emissions					
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
1 For permit revisions only: emissions prior to project modification.					

1 For permit revisions only; emissions prior to project modification.

2 Difference between Pre-Modification Emissions (Section B.) and Emissions (Section A.).

3 For voluntary emissions cap and emission limits [i.e. expressed as parts per million (ppm) corrected for dilution air, pounds per hour (lbs/hr), pounds per million BTU (lb/MMBTU, etc.] required by any applicable federal requirement.

4 HAP emissions must be determined, and those exceeding one ton per year from any emission unit category must also be quantified; if less than one ton per year, just list the HAPs emitted by name.

GENERAL EMISSION UNIT (Form 1302-F1)

APCD:	► APCD USE ONLY 4{
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Arellanes Lease Casmalia

I. EMISSION UNIT DESCRIPTION

- 1. General process description: Well Cellars
- 2. Equipment type*: Well Cellars
- 3. Equipment description*: 5 well cellars, each with 36 sq. ft. of surface area ATC/PTO Number: 8976-R11 (Device 002616)
- 4. Equipment make, model & serial number:
- 5. Maximum design process rate or throughput:
- 6. Control device(s) type and description (if any):

II. OPERATIONAL INFORMATION

- 1. Operating schedule: 24 hours/day 8760 hours/year
- 2. Exhaust gas flow rate: _____SCFM @_____%H₂O
- 3. Raw products used and finished products produced:

RAW PRODUCT USED (name)	FEED RATE or CONSUMPTION RATE or OTHER PARAMETER**	FINISHED PRODUCTS PRODUCED (name)	PRODUCTION RATE* (lbs/hr, gal/hr, etc.)

* Equipment may be grouped on a single form if it is of the same type and if the emissions are calculated the same way.

** Choose parameters to allow determination of applicability of federal requirements (e.g. lbs/hr, gallons/hr, tons/yr)

GENERAL EMISSION UNIT (Form 1302-F2)

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Arellanes Lease Casmalia

CRITERIA POLLUTANT EMISSIONS (tons per year)						
POLLUTANTS	ROC					
A. Emissions	0.92					
B. Pre-Modification Emissions ¹						
C. Emission Change ²						
D. Emission Limit ³						
OTHER RE	EGULATED A	IR POLLUTAN	EMISSION	S (tons per year) ⁴	L	
POLLUTANTS						
A. Emissions						
B. Pre-Modification Emissions ¹						
C. Emission Change ²						
D. Emission Limit ³						
1 For permit revisions only: emissions prior to project modification.						

1 For permit revisions only; emissions prior to project modification.

2 Difference between Pre-Modification Emissions (Section B.) and Emissions (Section A.).

3 For voluntary emissions cap and emission limits [i.e. expressed as parts per million (ppm) corrected for dilution air, pounds per hour (lbs/hr), pounds per million BTU (lb/MMBTU, etc.] required by any applicable federal requirement.

4 HAP emissions must be determined, and those exceeding one ton per year from any emission unit category must also be quantified; if less than one ton per year, just list the HAPs emitted by name.

GENERAL EMISSION UNIT (Form 1302-F1)

APCD:	► APCD USE ONLY 4{
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Arellanes Lease Casmalia

I. EMISSION UNIT DESCRIPTION

- 1. General process description: Fugitive Hydrocarbon Components CARB KVB
- 2. Equipment type*: Valves, Flanges, etc.
- 3. Equipment description*: Please refer to page 2 of attached equipment list ATC/PTO Number: 8976-R11 (Device 002614)
- 4. Equipment make, model & serial number:
- 5. Maximum design process rate or throughput:
- 6. Control device(s) type and description (if any):

II. OPERATIONAL INFORMATION

- 1. Operating schedule: 24_____ hours/day 8760____ hours/year
- 2. Exhaust gas flow rate: _____ SCFM @ _____ %H₂O
- 3. Raw products used and finished products produced:

RAW PRODUCT USED (name)	FEED RATE or CONSUMPTION RATE or OTHER PARAMETER**	FINISHED PRODUCTS PRODUCED (name)	PRODUCTION RATE* (lbs/hr, gal/hr, etc.)

* Equipment may be grouped on a single form if it is of the same type and if the emissions are calculated the same way.

** Choose parameters to allow determination of applicability of federal requirements (e.g. lbs/hr, gallons/hr, tons/yr)

GENERAL EMISSION UNIT (Form 1302-F2)

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Arellanes Lease Casmalia

4. Emissions for Emission Units described on page(s): all emissions are fugitive and included in fugitive emissions.

CRITERIA POLLUTANT EMISSIONS (tons per year)						
POLLUTANTS	ROC					
A. Emissions	0.82					
B. Pre-Modification Emissions ¹						
C. Emission Change ²						
D. Emission Limit ³						
OTHER RE	GULATED AII	R POLLUTANT	EMISSION	S (tons per year) ⁴	L	
POLLUTANTS						
A. Emissions						
B. Pre-Modification Emissions ¹						
C. Emission Change ²						
D. Emission Limit ³						
1 For permit revisions only; emissions prior to project modification.						

Por permit revisions only; emissions prior to project modification.
 Difference between Pre-Modification Emissions (Section B.) and Emissions (Section A.).

3 For voluntary emissions cap and emission limits [i.e. expressed as parts per million (ppm) corrected for dilution air, pounds per hour (lbs/hr), pounds per million BTU (lb/MMBTU, etc.] required by any applicable federal requirement.

4 HAP emissions must be determined, and those exceeding one ton per year from any emission unit category must also be quantified; if less than one ton per year, just list the HAPs emitted by name.

EXEMPT EMISSIONS UNITS (Form 1302-H)

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Arellanes Lease Casmalia

Are you claiming any emitting activities to be insignificant? (See definition at bottom of page)

YES X NO

I. ACTIVITIES CLAIMED TO BE INSIGNIFICANT (Attach supporting calculations)

Activity	Description of Activity/Emission Units	Potential to Emit for each Pollutant
Solvents & Coatings Lab Cuts & Facility/Equipment Maintenance		0.1 TPY ROC

Insignificant activities are defined in APCD Rule 1301 (definitions). For an activity to be considered insignificant emissions cannot exceed 2 tons per year potential to emit (PTE) any criteria pollutants, and 0.5 tons per year for any regulated HAP.

Note: Insignificant activities are not exempt from Part 70 requirements/permits.

COMPLIANCE PLAN (Form 1302-I1)

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Arellanes Lease Casmalia

I. PROCEDURE FOR USING FORM 1302-I

This form shall be submitted as part of the SBCAPCD's Regulation XIII Application. The Responsible Official shall identify the applicable federal requirement(s) to which the source is subject. In the Compliance Plan (Form 1302-I), a Responsible Official shall identify whether the source identified in the SBCAPCD's Regulation XIII Application currently operates in compliance with all applicable federal requirements.

II. APPLICABLE FEDERAL REQUIREMENTS

Applicable Federal Requirement ¹		Affected Emission Unit	In compliance?	Effective	
Regulatory Reference ²	Regulation Title ²		(yes/no/exempt ³)	Date ⁴	
APCD Rule 301	Circumvention	Entire Source	Yes	In Effect	
APCD Rule 302	Visible Emissions	Entire Source	Yes	In Effect	
APCD Rule 303	Nuisance	Entire Source	Yes	In Effect	
APCD Rule 304	Particulate Matter – Northern Zone	Each PM Source	Yes	In Effect	
APCD Rule 309	Specific Contaminants	Combustion Units	Yes	In Effect	
APCD Rule 310	Odorous Organic Sulfides	Combustion Units	Yes	In Effect	
APCD Rule 311	Sulfur Content of Fuel	Combustion Units	Yes	In Effect	
APCD Rule 317	Organic Solvents	Maintenance/Wipe Cleaning	Yes	In Effect	
APCD Rule 321	Solvent Cleaning Operations	Maintenance Operations	Yes	In Effect	
APCD Rule 322	Metal Surface Coating Thinner and Reducer	Maintenance Operations	Yes	In Effect	
APCD Rule 323	Architectural Coatings - Standards	Maintenance Operations	Yes	In Effect	
APCD Rule 324	Disposal and Evaporation of Solvents	Maintenance/Wipe Cleaning	Yes	In Effect	
APCD Rule 325	Crude Oil Production and Separation	Wash Tank, crude storage tanks, wastewater tanks	Yes	In Effect	
APCD Rule 331	Fugitive Emissions Inspection & Maintenance	All components (valves, flanges, seals, compressors, and pumps) used to handle oil and gas	Yes	In Effect	
APCD Rule 333	Control of Emissions from Reciprocating IC Engines	Controlled Natural Gas (NG) fired rich burn ICEs	Yes	In Effect	

COMPLIANCE PLAN (Form 1302-I1)

•						
	APCD: Santa Barbara County Air Pollution Control District COMPANY NAME: Pacific Coast Energy Acquisitions, LL0					
		ns, LLC	SOURCE NAME:			
Applicable Federal Requirement ¹		A	ffected Emission Unit	In compliance? (yes/no/exempt ³)	Effective Date ⁴	
Regulatory Reference ²						
APCD Rule 343	Petroleum Storage Tank Degassing	wastewate		Yes	In Effect	
APCD Rule 344	Petroleum Wells, Sumps and Cellars	pits	ars, sump, wastewater	Yes	In Effect	
APCD Rule 346	Loading of Organic Liquids	Crude oi	l loading rack	Yes	In Effect	
APCD Rule 353	Adhesives and Sealants	Maintena	ance Operations	Yes	In Effect	
APCD Rule 359	Flares and Thermal Oxidizers	Flares		Yes	In Effect	
APCD Rule 360	Small Boilers	Water heaters, boilers, steam generators or process heaters with a rated heat input capacity greater than or equal to 75,000 Btu/hour up to and including 2,000,000 Btu/hr		Yes	In Effect	
APCD Rule 505.A,B1,D	Breakdown Conditions	All Emission Units		Yes	In Effect	
APCD Rule 603	Emergency Episode Plans	Entire Source		Yes	In Effect	
APCD Regulation VIII	New Source Review	Entire Source		Yes	In Effect	
APCD Regulation XIII	Part 70 Operating Permits	Entire Source		Yes	In Effect	
40 CFR Parts 51/52	New Source Review (Nonattainment Area Review and Prevention of Significant Deterioration)	Entire So	ource	Yes	In Effect	
40 CFR Part 60 Subpart A	New Source Performance Standards	Entire So	ource	Yes	In Effect	
40 CFR Part 60 Subpart Kb			essels for petroleum liquids ad or modified prior to July	Exempt	In Effect	
		Any new or replacement tanks constructed or modified after July 23, 1984		Yes	In Effect	
40 CFR Part 60 Subpart OOOOa CCR Title 17, Division 3, Chapter 1, Subchapter 10	Greenhouse Gas Emission Standards for Crude Oil and Natural Gas Facilities Climate Change	Entire Source		Yes	In Effect	
40 CFR Part 61	National Emission Standards for Hazardous		nary reciprocating ombustion engines	Yes	In Effect	
	Air Pollutants					

COMPLIANCE PLAN (Form 1302-I1)						
APCD: Santa Barbara Cour COMPANY NAME: P	APCD USE ONLY <. D IDS Processing ID: ME: Arellanes Lease Casmalia					
Applicable Federal Requ			Effective Date ⁴			
Regulatory Reference ² 40 CFR Part 63	Regulation Title Maximum Achievable Control Technology	None		Exempt per §63.760(e)(1) based on 'black oil' production	In Effect	
40 CFR Part 63 Subpart HH	National Emission Standards for Hazardous Air Pollutants (NESHAP) From Oil and Natural Gas Production Facilities			Exempt – Not a major source of HAP's	In Effect	
40 CFR Part 63 Subpart ZZZZ		All stationary reciprocating internal combustion engines		Yes	In Effect	
40 CFR Part 64	Compliance Assurance Monitoring	Emission units with a control device used to comply with an emission standard		Exempt – no control devices used to comply with an emission standard	In Effect	
40 CFR Part 70	Operating Permits	Entire Sou	irce	Yes	In Effect	

1 Review APCD SIP Rules, NSPS, NESHAPS, and MACTs.

2 Regulatory Reference is the abbreviated citation (e.g. 40 CFR 60 Subpart OOO, APCD Rule 325.H) and Title is the prosaic title (e.g. NSPS Standards of Performance for Nonmetallic Mineral Processing Plants, Crude Oil Production and Separation, Inspection)

3 If exempt from applicable federal requirement, include explanation for exemption.

4 Indicate the date during the permit term that the applicable federal requirement will become effective for the emission unit.

COMPLIANCE PLAN (Form 1302-I1)

APCD IDS Processing ID:

		n .
AP	C	D:
A1	U	υ.

► APCD USE ONLY <.

Santa Barbara County Air Pollution Control District COMPANY NAME: Pacific Coast Energy Acquisitions, LLC

SOURCE NAME: Arellanes Lease Casmalia

Other Applicable Federal Requirements ⁵ NOTE: PC # varies in each PTO	Affected Emission Unit	In compliance?	Effective Date
PTO 08976 Condition 1	All Devices	Yes	In Effect
Emission Limits			L E 22
PTO 08976 Condition 2.a	All Devices	Yes	In Effect
Fugitive Hydrocarbon Inspection &			
Maintenance Plan		V	
PTO 08976 Condition 2.b	Well Cellars (Device No. 002616)	Yes	In Effect
Well Cellars PTO 08976 Condition 3	All Devices	Yes	In Effect
	All Devices	r es	In Effect
Monitoring PTO 08976 Condition 4	All Daviage	Yes	In Effect
Recordkeeping	All Devices	res	In Effect
PTO 08976 Condition 5	All Devices	Yes	In Effect
Reporting	All Devices	1 05	In Effect
PTO 08976 Condition 6	All Devices	Yes	In Effect
Requirements for Produced Gas	AII Devices	1 05	In Effect
PTO 08976 Condition 7	All Devices	Yes	In Effect
Facility Fugitive Hydrocarbon	All Devices	1 05	III Effect
Emissions			
PTO 08976 Condition 8	All Devices	Yes	In Effect
Greenhouse Gas Emissions Standards		100	III LIICU
PTO 08976 Condition 9	All Devices	Yes	In Effect
Consistency with Analysis		100	III LIIOU
PTO 08976 Condition 10	All Devices	Yes	In Effect
Equipment Maintenance		100	In Liteou
PTO 08976 Condition 11	All Devices	Yes	In Effect
Compliance			
PTO 08976 Condition 12	All Devices	Yes	In Effect
Severability			
PTO 08976 Condition 13	All Devices	Yes	In Effect
Conflict Between Permits			
PTO 08976 Condition 14	All Devices	Yes	In Effect
Access to Records and Facilities			
PTO 08976 Condition 15	All Devices	Yes	In Effect
Equipment Identification			
PTO 08976 Condition 16	All Devices	Yes	In Effect
Emission Factor Revisions			
PTO 08976 Condition 17	All Devices	Yes	In Effect
Nuisance			
PTO 08976 Condition 18	All Devices	Yes	In Effect
Grounds for Revocation			
PTO 08976 Condition 19	All Devices	Yes	In Effect
Transfer of Owner/Operator			
PTO 08976 Condition 20	All Devices	Yes	In Effect
Fugitive and Maintenance Plan			

COMPLIANCE PLAN (Form 1302-I1)					
APCD: Santa Barbara County Air Pollutio		APC	APCD USE ONLY D IDS Processing I	D:	
COMPANY NAME: Pacific Coast Ener	gy Acquisitions, LLC	SOURCE NA	ME: Arellanes Leas	se Casmalia	
Applicable Federal Requirement ¹			In compliance? (yes/no/exempt ³)	Effective Date ⁴	
Regulatory Reference ²	Affected Emission Ur	nit			
PTO 08976 Condition 21 Documents Incorporated by Reference	All Devices		Yes	In Effect	
5 All environmentally significant permit conditions associated with such limitat applicable requirements.					

*** If more than one page is used, please ensure that "Santa Barbara APCD", stationary source name and "Form 1302-11" appear on each page. ***

COMPLIANCE PLAN (Form 1302-I2)					
APCD:	► APCD USE ONLY <.				
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:				
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Arellanes Lease Casmalia				

III. COMPLIANCE CERTIFICATION

Under penalty of perjury, I certify the following:

- X Based on information and belief formed after reasonable inquiry, the source identified in this application will continue to comply with the applicable federal requirement(s) with which the source is in compliance identified in form 1302-I1;
- X Based on information and belief formed after reasonable inquiry, the source identified in this application will comply with the future-effective applicable federal requirement(s) identified in form 1302-I1, on a timely basis¹;

Based on information and belief formed after reasonable inquiry, the source identified in this application is not in compliance with the applicable federal requirement(s), identified in form 1302-I1, and I have attached a compliance plan schedule.²

P. Burn

Signature of Responsible Official

12/15/23

Date

- 1. Unless a more detailed schedule is expressly required by the applicable federal requirement.
- 2. At the time of expected permit issuance, if the source expects to be out of compliance with an applicable federal requirement, the applicant is required to provide a compliance schedule with this application, with the following exception. A source which is operating under a variance that is effective for less than 90 days need not submit a Compliance Schedule. For sources operating under a variance, which is in effect for more than 90 days, the Compliance Schedule is the schedule that was approved as part of the variance granted by the hearing board.

The compliance schedule shall contain a schedule of remedial measures, including an enforceable sequence of actions with milestones, leading to compliance with this applicable federal requirement. For sources operating under a variance, the compliance schedule is part of the variance granted by the hearing board. The compliance schedule shall resemble, and be at least as stringent as that contained in any judicial consent decree or administrative order to which the source is subject. For sources not operating under a variance, consult the Air Pollution Control Officer regarding procedures for obtaining a compliance schedule.

CERTIFICATION STATEMENT (Form 1302-M) APCD: > APCD USE ONLY <.</th> Santa Barbara County Air Pollution Control District APCD IDS PROCESSING ID: COMPANY NAME: Pacific Coast Energy Acquisitions, LLC SOURCE NAME: Arellanes Lease Casmalia

Identify, by checking off below, the forms and attachments that are part of your application. If the application contains forms or attachments that are not identified below, please identify these attachments in the blank space provided below. Review the instructions if you are unsure of the forms and attachments that need to be included in a complete application.

F

Forms included with application	Attachments included with application	
 Stationary Source Summary Form Total Stationary Source Emission For Compliance Plan Form Compliance Plan Certification Form Exempt Equipment Form Certification Statement Form List other forms or attachments 	 Description of Operating Scenarios Sample emission calculations Fugitive emission estimates List of Applicable requirements Discussion of units out of compliance with applicable federal requirements and, if required, submit a schedule of Compliance Facility schematic showing emission points NSR Permit PSD Permit Compliance Assurance monitoring protocols Risk management verification per 112(r) 	
[] check here if additional forms listed on back		

I certify under penalty of law, based on information and belief formed after reasonable inquiry, that the information contained in this application, composed of the forms and attachments identified above, are true, accurate, and complete.

I certify that I am the responsible official, as defined in SBCAPCD's Regulation XIII, Rule 1301 or USEPA's 40 CFR Part 70.

Signature of Responsible Official

Date

Print Name of Responsible Official: P

Philip Brown

Title of Responsible Official and Company Name: Chief Operations Officer

CERTIFICATION STATEMENT (Form 1302-M continued)

APCD:	► APCD USE ONLY ""
Santa Barbara County Air Pollution Control District	APCD IDS PROCESSING ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Arellanes Lease Casmalia

List Other Forms or Attachments (cont.)

Example Emission Calcuations

Permit to Operate 08976 - R11

ATTACHMENT A Emission Calculations

FUG	ITIVE HYDROCARBON EMISSION		FUGITIVE HYDROCARBON EMISSION CALCULATIONS - CARB/KVB METHOD (Ver. 6.0)					
		Page 1 of 2						
Attachment:	A-1							
Permit Number:	Reeval 8976-R11							
Facility:	Arellanes Lease							
Input Data								
Facility Informati	<u>on</u>	Value	<u>Units</u>	<u>Reference</u>				
Number of Active	e Wells at Facility	8	wells	Permit Application				
Facility Gas Proc	duction		scf/day	Permit Applicatio				
Facility Dry Oil P	roduction	800	bbls/day	Permit Applicatio				
Facility Gas to O	il Ratio (if > 500 then default to 501)	501	scf/bb	Permit Applicatio				
API Gravity		11.3	degrees API	Permit Applicatio				
Facility Model Nu	ımber	5	dimensionless	User Input				
No. of Steam Dri	ve Wells with Control Vents	0	wells	Permit Application				
No. of Steam Dri	ive Wells with Uncontrolled Vents	0	wells	Permit Application				
No. of Cyclic Ste	am Drive Wells with Control Vents	0	wells	Permit Application				
No. of Cyclic Ste	am Drive Wells with Uncontrolled Vents	0	wells	Permit Application				
Composite Valve	and Fitting Emission Factor	2.8053	lb/day-well	Table Below				

Emission Factor Based on Lease Model

Lease Model	Valve Without Ethane	Fitting Without Ethane	Composite Without	Units
1	1.4921	0.9947	2.4868	lbs/day-well
2	0.6999	0.6092	1.3091	lbs/day-well
3	0.0217	0.0673	0.0890	lbs/day-well
4	4.5090	2.1319	6.6409	lbs/day-well
5	0.8628	1.9424	2.8053	lbs/day-well
6	1.7079	2.5006	4.2085	lbs/day-well

Model #1: Number of wells on lease is less than 10 and the GOR is less than 500.

Model #2: Number of wells on lease is between 10 and 50 and the GOR is less than 500.

Model #3: Number of wells on lease is greater than 50 and the GOR is less than 500.

Model #4: Number of wells on lease is less than 10 and the GOR is greater than 500.

Model #5: Number of wells on lease is between 10 and 50 and the GOR is greater than 500.

Model #6: Number of wells on lease is greater than 50 and the GOR is greater than 500.

Reference: CARB speciation profiles numbers 529, 530, 531, 532

CARB KVB ROC Potential to Emit

Emission Source	lb/day	TPY
Valves and Fittings ^a	4.49	0.82
Sumps, Wastewater Tanks and Well Cellars ^b	8.13	1.48
Oil/Water Separators ^b	0.00	0.00
Pumps/Compressors/Well Heads ^a	0.13	0.02
Enhanced Oil Recovery Fields	0.00	0.00
Total ROC Potential to Emit ^c	12.75	2.33

Notes:

a. Emissions amount reflect an 80% reduction due to Rule 331 implementation.

b. Emissions reflect control efficiencies where applicable.

c. Due to rounding, the totals may not appear correct

Permit to Operate 08976 - R11

ATTACHMENT A Emission Calculations

nit Type Emission Calculations	5					
umps, Compressors, and Well H	leads Uncontrolled Em	ission Calculations				
	Value	Units	Reference	T		
Imber of Wells	8	wells	Permit Application			
ellhead Emissions	0.0776	lb-ROC/day	Calculated Value			
IC from Pumps	0.0312	lb-ROC/day	Calculated Value			
C from Compressors tal ROC Emissions	0.5432	lb-ROC/day lb-ROC/day	Calculated Value Calculated Value			
	•			1		
ell Cellars, Sumps, Covered Wa	astewater Tanks, and O	il/Water Separators	<u>3</u>			
Separation Level	Heavy Oil Service		Units			
Primary	0.0941	0.1380	Ib ROC/ft ² -day	ł		
Secondary Tertiary	0.0126	0.0180	lb ROC/ft ² -day lb ROC/ft ² -day	ł		
i ci udi y	0.0000	0.0007		1		
	L CELLARS			Level of Separation		
Equipment Type	Number	Total Area (ft ²)	Primary	Secondary	Tertiary	
	8	288	8.13	0.00		
Well Cellars ^(a)				0.00	0.00	
Daily ROC tes: A 70% reduction is applied for imple COVERED W/	ASTEWATER TANKS			0.00	0.00 0.00	
Daily ROC tes: A 70% reduction is applied for imple COVERED W/ Equipment Type	mentation of Rule 344 (Su ASTEWATER TANKS Number	Total Area (ft ²)	Cellars). Primary	0.00		
Daily ROC Mes: A 70% reduction is applied for imple COVERED W/ Equipment Type Covered Wastewater	mentation of Rule 344 (Su		Cellars).	0.00	0.00	
Daily ROC tes: A 70% reduction is applied for imple COVERED W/ Equipment Type Covered Wastewater Tank ^(a)	mentation of Rule 344 (Su ASTEWATER TANKS Number 0 0 0	Total Area (ft ²)	Cellars). Primary	0.00 Level of Separation Secondary 0.00	0.00	
Daily ROC tes: A 70% reduction is applied for imple COVERED W/ Equipment Type Covered Wastewater Tank ^(a)	mentation of Rule 344 (Su ASTEWATER TANKS Number 0 0	Total Area (ft ²) 0 0	Cellars). Primary	0.00 Level of Separation Secondary	0.00 Tertiary	
Daily ROC tes: A 70% reduction is applied for imple COVERED W/ Equipment Type Covered Wastewater Tank ^(a) Daily ROC tes: A 85% reduction is applied.	mentation of Rule 344 (Su ASTEWATER TANKS 0 0 0 Emissions (İb/day)	Total Area (ft²) 0 0 0	Cellars). Primary 0.00	0.00 Level of Separation Secondary 0.00 0.00	0.00 Tertiary 0.00	
Daily ROC tes: A 70% reduction is applied for imple COVERED W/ Equipment Type Covered Wastewater Tank ^(a) Daily ROC tes: A 85% reduction is applied. COVERED WASTEWATER	Mentation of Rule 344 (Su ASTEWATER TANKS 0 0 Emissions (Ib/day)	Total Area (ft ²) 0 0 0 RECOVERY	Cellars). Primary 0.00 0.00	0.00 Level of Separation Secondary 0.00 0.00 Level of Separation	0.00 Tertiary 0.00 0.00	
Daily ROC <u>tes:</u> A 70% reduction is applied for imple <u>COVERED WA</u> Equipment Type Covered Wastewater Tank ^(a) Daily ROC <u>tes:</u> A 85% reduction is applied. <u>COVERED WASTEWATER</u> Equipment Type	mentation of Rule 344 (Su ASTEWATER TANKS 0 0 0 Emissions (İb/day)	Total Area (ft²) 0 0 0	Cellars). Primary 0.00	0.00 Level of Separation Secondary 0.00 0.00	0.00 Tertiary 0.00	
<th column<="" td=""><td>Mentation of Rule 344 (Su ASTEWATER TANKS 0 0 0 Emissions (Ib/day) TANK WITH VAPOR Number</td><td>Total Area (ft²) 0 0 0 0 0 RECOVERY Total Area (ft²) 0 0 0</td><td>Cellars). Primary 0.00 0.00 Primary</td><td>0.00 Level of Separation Secondary 0.00 0.00 Level of Separation</td><td>0.00 Tertiary 0.00 0.00 Tertiary</td></th>	<td>Mentation of Rule 344 (Su ASTEWATER TANKS 0 0 0 Emissions (Ib/day) TANK WITH VAPOR Number</td> <td>Total Area (ft²) 0 0 0 0 0 RECOVERY Total Area (ft²) 0 0 0</td> <td>Cellars). Primary 0.00 0.00 Primary</td> <td>0.00 Level of Separation Secondary 0.00 0.00 Level of Separation</td> <td>0.00 Tertiary 0.00 0.00 Tertiary</td>	Mentation of Rule 344 (Su ASTEWATER TANKS 0 0 0 Emissions (Ib/day) TANK WITH VAPOR Number	Total Area (ft²) 0 0 0 0 0 RECOVERY Total Area (ft²) 0 0 0	Cellars). Primary 0.00 0.00 Primary	0.00 Level of Separation Secondary 0.00 0.00 Level of Separation	0.00 Tertiary 0.00 0.00 Tertiary
Daily ROC tes: A 70% reduction is applied for imple COVERED W/ Equipment Type Covered Wastewater Tank ^(a) Daily ROC tes: A 85% reduction is applied. COVERED WASTEWATER Equipment Type Covered Wastewater Tank with Vapor Recovery ^(a)	mentation of Rule 344 (Su ASTEWATER TANKS 0 0 Emissions (Ib/day) TANK WITH VAPOR 0 0 0 0 0 0 0 0 0 0 0 0 0	Total Area (ft²) 0 0 0 0 0 RECOVERY Total Area (ft²) 0	Cellars). Primary 0.00 0.00 Primary 0.00	0.00 Level of Separation 0.00 0.00 Level of Separation Secondary 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	0.00 Tertiary 0.00 0.00 Tertiary 0.00	
Daily ROC tes: A 70% reduction is applied for imple COVERED W/ Equipment Type Covered Wastewater Tank ^(a) Daily ROC tes: A 85% reduction is applied. COVERED WASTEWATER Equipment Type Covered Wastewater Tank with Vapor Recovery ^(a)	mentation of Rule 344 (Su ASTEWATER TANKS 0 0 Emissions (Ib/day) TANK WITH VAPOR Number 0 0	Total Area (ft²) 0 0 0 0 0 RECOVERY Total Area (ft²) 0 0 0	Cellars). Primary 0.00 0.00 Primary	0.00 Level of Separation Secondary 0.00 0.00 Level of Separation Secondary	0.00 Tertiary 0.00 0.00 Tertiary	
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Daily ROC 4 70% reduction is applied for imple COVERED W/ Equipment Type Covered Wastewater Tank ^(a) Daily ROC tes: A 85% reduction is applied. COVERED WASTEWATER Equipment Type Covered Wastewater Tank with Vapor Recovery ^(a) Daily ROC tes: A 95% reduction is applied. Oll AND WA Equipment Type Oil and Water Separators ^{(a)(b)}	mentation of Rule 344 (Su ASTEWATER TANKS 0 0 0 0 Emissions (Ib/day) TANK WITH VAPOR 0 0 0 Emissions (Ib/day) TER SEPARATORS Total Through 0 0	Total Area (ft²) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Cellars). Primary 0.00 0.00 Primary 0.00 0.00 0.00 0.00 Covered	0.00 Level of Separation 0.00 0.00 Level of Separation 0.00 0.00 0.00 Certain Secondary 0.00 0.00 0.00 Type Vapor Recovery	0.00 Tertiary 0.00 0.00 Tertiary 0.00 0.00 0.00	

PROJECT DESCRIPTION

This facility consists of five oil and gas production wells, five well cellars, three separators, and associated fugitives. There is no other oil and gas production equipment subject to permit at this location. Production is routed to the central processing facility located at Morganti Lease via pipeline.

CASMALIA ICE PTO 8035-R12 TV APPLICATION FORMS

STATIONARY SOURCE SUMMARY (Form 1302-A1)

APCD: Santa Barbara County Air Pollution Control District

COMPANY NAME: Pacific Coast Energy Acquisitions, LLC

► APCD USE ONLY -ii(

Application #:

Application Filing Fee*:

APCD IDS Processing ID:

Date Application Received: Date Application Deemed Complete:

I. SOURCE IDENTIFICATION

1.	Source Name: Casmalia	IC Engines				
2.	Four digit SIC Code: 13	11	USEP	A AIRS Pla	nt ID (for APC	D use only):
3.	Parent Company (if diffe	erent than Source Name	e): Pacific Coast E	nergy Acqui	sitions, LLC	
4.	Mailing Address of Resp	oonsible Official: 1555	Orcutt Hill Road	Orcutt, CA	93455	
5.	Street Address of Source	e Location (include Zip	Code):			
6.	UTM Coordinates (if rec	quired) (see instructions	s):			
7.	Source located within:	50 miles of the state li	ine	[]Yes	[X] No	
		50 miles of a Native A	American Nation	[]Yes	[X] No	[] Not Applicable
8.	Type of Organization:	[X] Corporation	[] Sole Own	ership []	Government	
9.	Legal Owner's Name: Pac	[] Partnership cific Coast Energy Comp		mpany		
10	. Owner's Agent Name (i	f any): Marianne Strang	_{ge} Title: Environ Consultant	mental Telej	phone #: 805-50	64-6590
11	. Responsible Official: P	hilip Brown	Title: Chief Ope Officer	rations Tele	phone #: 805-93	37-2576
12	. Plant Site Manager/Con	tact: Doug Miller	Title: Sr. Produc Foreman	tion Tele	phone #: 805-9	937-2576
13	. Type of facility: Oil an	nd Gas				
14	. General description of p	processes/products:	Please refer to a	ittached proj	ect description	
15	. Does your facility store	, or otherwise handle, §	greater than thresh	old quantitie	es of any substa	nce on the Section 112(r)
Lis	st of Substances and their	Thresholds (see Attack	nment A)? []	Yes [X]	No	
16	. Is a Federal Risk Manag	gement Plan [pursuant	to Section 112(r)]	required? [] Not Applica	able []Yes [X]No
		-	lan is registered w	vith appropria	ate agency or d	lescription of status of Risk
	anagement Plan submittal plications submitted without		ed to the applicant in	mmediately as	s "improper" sub	mittals

STATIONARY SOURCE SUMMARY (Form 1302-A2)

APCD:	► APCD USE ONLY -<	
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:	
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Casmalia IC Engines	

II. TYPE OF PERMIT ACTION

	CURRENT PERMIT (permit number)	EXPIRATION (date)
Initial SBCAPCD's Regulation XIII Application	8035-R12	6/2025
Permit Renewal		
Significant Permit Revision*		
Minor Permit Revision*		
Administrative Amendment		

III. DESCRIPTION OF PERMIT ACTION

1. Does the permit action requested involve:

[] Portable Source[] Voluntary Emissions Caps[] Acid Rain Source[] Alternative Operating Scenarios[] Source Subject to MACT Requirements [Section 112]

b: [X] None of the options in 1.a. are applicable

2. Is source operating under a Title V Program Compliance Schedule? [] Yes [X] No

a:

3. For permit modifications, provide a general description of the proposed permit modification:

*Requires APCD-approved NSR permit prior to a permit revision submittal

TOTAL STATIONARY SOURCE EMISSIONS (Form 1302-B)

► APCD USE ONLY ""
PCD IDS Processing ID:
OURCE NAME: Casmalia IC Engines

I. TOTAL STATIONARY SOURCE EMISSIONS

Provide a brief description of operating scenario: Please refer to attached project description.

POLLUTANT * (name)	EMISSIONS (tons per year)	PRE-MODIFICATION EMISSIONS (tons per year)	EMISSIONS CHANGE ** (tons per year)
NOx	306.70		12.48
ROC	191.06	NOT APPLICABLE FOR FIRST	0.79
СО	240.36	APPLICATION SUBMITTALS	10.48
SOx	19.21		0.85
РМ	7.62		0.07
PM10	7.62		0.07
PM2.5	7.62		0.07

* Emissions for all pollutants for which the source is major and for all NSPS/MACT-regulated air pollutants must be reported. HAP emissions must be determined, and those exceeding one ton per year from any emission unit category must also be quantified; if less than one ton per year, just list the HAPs emitted by name.

** Transferring all existing Casmalia Field Stationary Source leases to Orcutt Hill Stationary Source

COMBUSTION EMISSION UNIT (Form 1302-C1)

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Casmalia IC Engines

I. EMISSION UNIT DESCRIPTION

1. Equipment type: < 50 hp ICEs

ATC/PTO Number: 8035 R12

- 2. Equipment description: 4 ICEs APCD Dev #s 005850, 112024, 004492, 004475
- 3. For piston ICEs: [] 2-stroke [X] 4-stroke [] NA
- 4. Equipment make, model & serial number: Please refer to the attached calculations
- 5. Maximum design process rate or maximum power input/output: Please refer to the attached calculations
- 6. Primary use: well pumps
- 7. Burner(s) design, operating temperature and capacity:
- 8. Control device(s) type and description (if any):

II. OPERATIONAL INFORMATION

- 1. Operating schedule:
 24_____hours/day
 8760___hours/year
- 2. Exhaust gas properties (temperature, SCFM, %H₂O, %O2 or %CO₂, % excess air):
- 3. Fuel specifications:

FUEL TYPE (name)	MAX ANNUAL USAGE** (ft ³ ./yr, lb/yr, gal/yr)	HEATING VALUE (BTU/lb or BTU/gal)	SULFUR (%)
Produced gas			

* Equipment may be grouped on a single form if it is of the same type and if the emissions are calculated the same way.

** List only if there is a permit restriction limiting annual fuel use below the theoretical maximum usage.

COMBUSTION EMISSION UNIT (Form 1302-C2)

Processing ID:
AME: Casmalia IC Engines

4. Emissions for Emission Units described on page(s):

CRITERIA POLLUTANT EMISSIONS (tons per year)							
POLLUTANTS	NOx	ROC	СО	Sox	PM, PM10 & PM2.5		
A. Emissions	12.48	0.79	10.48	0.85	0.07		
B. Pre-Modification Emissions ¹							
C. Emission Change ²							
D. Emission Limit ³							
OTHER REGULATED AIR POLLUTANT EMISSIONS (tons per year)4							
POLLUTANTS	POLLUTANTS						
A. Emissions							
B. Pre-Modification Emissions ¹							
C. Emission Change ²							
D. Emission Limit ³							
1 For permit revisions only: emissions prior to project modification							

1 For permit revisions only; emissions prior to project modification.

2 Difference between Pre-Modification Emissions (Section B.) and Emissions (Section A.).

3 For voluntary emissions cap and emission limits [i.e. expressed as parts per million (ppm) corrected for dilution air, pounds per hour (lbs/hr), pounds per million BTU (lb/MMBTU, etc.] required by any applicable federal requirement.

COATING / SOLVENT EMISSION UNIT (Form 1302-D1)

► APCD USE ONLY <
APCD IDS Processing ID:
SOURCE NAME: Casmalia IC Engines

I. EMISSION UNIT DESCRIPTION

1. Equipment type: Solvent & Coating Rule 202 exempt for maintenance

ATC/PTO Number 8035-R12

- 2. Equipment description:
- 3. Equipment make, model & serial number:
- 4. Maximum design process rate or throughput:
- 5. Control device(s) type and description (if any):
- 6. Description of coating/solvent application/drying method(s) employed including coating transfer: All solvent and coating emissions will be assumed on the Orcutt Hill stationary source under the Cal Coast Lease PTO 8826.
- 7. List and describe primary coating/solvent process equipment used: Mineral Spirits or similar for Lab Cuts. Coatings used for maintenance activities.

II. OPERATIONAL INFORMATION

- 1. Operating schedule: _____ hours/day _____ hours/year
- 2. Coatings/solvents information:

COATING/ SOLVENT (name)	MANUFACTURER (name)	MAXIMUM USE (gal/day, gal/yr)	VAPOR PRESSURE (mm of Hg)	SOLIDS CONTENT (%)	VOC CONTENT (%)

* Equipment may be grouped on a single form if it is of the same type and if the emissions are calculated the same way.

COATING / SOLVENT EMISSION UNIT (Form 1302-D2)

APCD:	► APCD USE ONLY <
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Casmalia IC Engines

3. Emissions for Emission Unit(s) described on page(s): fill in at end

CRITERIA POLLUTANT EMISSIONS (tons per year)					
POLLUTANTS	ROC				
A. Emissions	0.1				
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
OTHER REGULATED AIR POLLUTANT EMISSIONS (tons per year) ⁴					
POLLUTANTS	POLLUTANTS				
A. Emissions					
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
1 For permit revisions only; emissions prior to project modification.					

ns only; emissions prior to project modification.

 Difference between Pre-Modification Emissions (Section B.) and Emissions (Section A.).
 For voluntary emissions cap and emission limits [i.e. expressed as parts per million (ppm) corrected for dilution air, pounds per hour (lbs/hr), pounds per million BTU (lb/MMBTU, etc.] required by any applicable federal requirement.

COMPLIANCE PLAN (Form 1302-I1)

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Casmalia IC Engines

I. PROCEDURE FOR USING FORM 1302-I

This form shall be submitted as part of the SBCAPCD's Regulation XIII Application. The Responsible Official shall identify the applicable federal requirement(s) to which the source is subject. In the Compliance Plan (Form 1302-I), a Responsible Official shall identify whether the source identified in the SBCAPCD's Regulation XIII Application currently operates in compliance with all applicable federal requirements.

II. APPLICABLE FEDERAL REQUIREMENTS

Applicable Federal Requirement ¹		Affected Emission Unit	In compliance?	Effective
Regulatory Reference ²	Regulation Title ²		(yes/no/exempt ³)	Date ⁴
APCD Rule 301	Circumvention	Entire Source	Yes	In Effect
APCD Rule 302	Visible Emissions	Entire Source	Yes	In Effect
APCD Rule 303	Nuisance	Entire Source	Yes	In Effect
APCD Rule 304	Particulate Matter – Northern Zone	Each PM Source	Yes	In Effect
APCD Rule 309	Specific Contaminants	Combustion Units	Yes	In Effect
APCD Rule 310	Odorous Organic Sulfides	Combustion Units	Yes	In Effect
APCD Rule 311	Sulfur Content of Fuel	Combustion Units	Yes	In Effect
APCD Rule 317	Organic Solvents	Maintenance/Wipe Cleaning	Yes exempt	In Effect
APCD Rule 321	Solvent Cleaning Operations	Maintenance Operations	Yes	In Effect
APCD Rule 322	Metal Surface Coating Thinner and Reducer	Maintenance Operations	Yes	In Effect
APCD Rule 323	Architectural Coatings - Standards	Maintenance Operations	Yes	In Effect
APCD Rule 324	Disposal and Evaporation of Solvents	Maintenance/Wipe Cleaning	Yes	In Effect
APCD Rule 325	Crude Oil Production and Separation	Wash Tank, crude storage tanks, wastewater tanks	Yes	In Effect
APCD Rule 331	Fugitive Emissions Inspection & Maintenance	All components (valves, flanges, seals, compressors, and pumps) used to handle oil and gas	Yes	In Effect
APCD Rule 333	Control of Emissions from Reciprocating IC Engines	Controlled Natural Gas (NG) fired rich burn ICEs	Yes	In Effect

Applicable Fede	ral Requirement ¹		In compliance?	Effective
Regulatory Reference²	Regulation Title²	Affected Emission Unit	(yes/no/exempt ³)	Date ⁴
APCD Rule 343	Petroleum Storage Tank Degassing	Wash Tank, crude storage tanks, wastewater tanks	Yes	In Effect
APCD Rule 344	Petroleum Wells, Sumps and Cellars	Well cellars, sump, wastewater pits	Yes	In Effect
APCD Rule 346	Loading of Organic Liquids	Crude oil loading rack	Yes	In Effect
APCD Rule 353	Adhesives and Sealants	Maintenance Operations	Yes	In Effect
APCD Rule 359	Flares and Thermal Oxidizers	Flares	Yes	In Effect
APCD Rule 360	Emissions of Oxides of Nitrogen From Large Water Heaters and Small Boilers	Water heaters, boilers, steam generators or process heaters with a rated heat input capacity greater than or equal to 75,000 Btu/hour up to and including 2,000,000 Btu/hr	Yes	In Effect
APCD Rule 505.A,B1,D	Breakdown Conditions	All Emission Units	Yes	In Effect
APCD Rule 603	Emergency Episode Plans	Entire Source	Yes	In Effect
APCD Regulation VIII	New Source Review	Entire Source	Yes	In Effect
APCD Regulation XIII	Part 70 Operating Permits	Entire Source	Yes	In Effect
40 CFR Parts 51/52	New Source Review (Nonattainment Area Review and Prevention of Significant Deterioration)	Entire Source	Yes	In Effect
40 CFR Part 60 Subpart A	New Source Performance Standards	Entire Source	Yes	In Effect
40 CFR Part 60 Subpart Kb	Standards of Performance for Volatile Organic Liquid Storage Vessels	Storage vessels for petroleum liquids constructed or modified prior to July 23, 1984	Exempt there are no tanks at the Arellanes Lease	In Effect
	2. Jana 200 ago - 00000	Any new or replacement tanks constructed or modified after July 23, 1984	Yes	In Effect
40 CFR Part 60 Subpart OOOOa	Greenhouse Gas Emission Standards for Crude Oil and Natural Gas Facilities	Entire Source	Yes	In Effect
And CCR Title 17, Division 3, Chapter 1, Subchapter 10	Climate Change			
40 CFR Part 61	National Emission Standards for Hazardous Air Pollutants	All stationary reciprocating internal combustion engines	Yes	In Effect
40 CFR Part 63	Maximum Achievable Control Technology	None	Exempt per §63.760(e)(1) based on 'black oil' production	In Effect

Applicable Fede	ral Requirement ¹	Affected Emission Unit	In compliance? (yes/no/exempt ³)	Effective Date ⁴	
Regulatory Reference²	Regulation Title²	Anected Emission Onit	(yes/no/exempt)	Date	
40 CFR Part 63 Subpart HH	National Emission Standards for Hazardous Air Pollutants (NESHAP) From Oil and Natural Gas Production Facilities	Entire Source	Exempt – Not a major source of HAP's	In Effect	
40 CFR Part 63 Subpart ZZZZ	National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines	All stationary reciprocating internal combustion engines	Yes There are no ICEs at NR Bonetti Lease	In Effect	
40 CFR Part 64	Compliance Assurance Monitoring	Emission units with a control device used to comply with an emission standard	Exempt – no control devices used to comply with an emission standard	In Effect	
40 CFR Part 70	Operating Permits	Entire Source	Yes	In Effect	

1 $\;$ Review APCD SIP Rules, NSPS, NESHAPS, and MACTs .

2 Regulatory Reference is the abbreviated citation (e.g. 40 CFR 60 Subpart OOO, APCD Rule 325.H) and Title is the prosaic title (e.g. NSPS Standards of Performance for Nonmetallic Mineral Processing Plants, Crude Oil Production and Separation, Inspection)

3 If exempt from applicable federal requirement, include explanation for exemption.

4 Indicate the date during the permit term that the applicable federal requirement will become effective for the emission unit.

Other Applicable Federal Requirements ⁵ NOTE: PC # varies in each PTO	Affected Emission Unit	In compliance?	Effective Date	
PTO 08035 Condition 1	All Devices	Yes	In Effect	
Emission Limits				
PTO 08035 Condition 2.	All Devices	Yes	In Effect	
Heat input ,de-rating, fuel S limit,				
Maintenance				
PTO 08035 Condition 3	All Devices	Yes	In Effect	
Monitoring				
PTO 08035 Condition 4	All Devices	Yes	In Effect	
Recordkeeping				
PTO 08035 Condition 5	All Devices	Yes	In Effect	
Reporting				
PTO 08035 Condition 6	All Devices	Yes	In Effect	
Temporary ICEs			1 - 22	
PTO 08035 Condition 7	All Devices	Yes	In Effect	
Consistency with Analysis				
PTO 08035 Condition 8	All Devices	Yes	In Effect	
Equipment Maintenance				
PTO 08035 Condition 9	All Devices	Yes	In Effect	
Compliance				
PTO 08035 Condition 10	All Devices	Yes	In Effect	
Severability				
PTO 08035 Condition 11	All Devices	Yes	In Effect	
Conflict Between Permits		37		
PTO 08035 Condition 12	All Devices	Yes	In Effect	
Access to Records and Facilities				
PTO 08035 Condition 13	All Devices	Yes	In Effect	
Equipment Identification				
PTO 08035 Condition 14	All Devices	Yes	In Effect	
Emission Factor Revisions				
PTO 08035 Condition 15	All Devices	Yes	In Effect	
Nuisance		100	in Liteet	
PTO 08035 Condition 16	All Devices	Yes	In Effect	
Grounds for Revocation		105	in Encet	
PTO 08035 Condition 17	All Devices	Yes	In Effect	
Transfer of Owner/Operator		1.05	III Ellect	
PTO 08035 Condition 18	All Devices	Yes	In Effect	
ICE PMCMP		1.05	in Liteet	
PTO 08035 Condition 18	All Devices	Yes	In Effect	
Grounds for Revocation		1.05	III Ellect	
PTO 08035 Condition 19	All Devices	Yes	In Effect	
Documents Incorporated by Reference				

conditions associated with such limitations -- listed in all authority to construct (ATC) permits issued to the Part 70 source are also applicable requirements.

*** If more than one page is used, please ensure that "Santa Barbara APCD", stationary source name and "Form 1302-I1" appear on each page. ***

COMPLIANCE PLAN (Form 1302-I2)

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Casmalia IC Engines

III. COMPLIANCE CERTIFICATION

Under penalty of perjury, I certify the following:

- X Based on information and belief formed after reasonable inquiry, the source identified in this application will continue to comply with the applicable federal requirement(s) with which the source is in compliance identified in form 1302-I1;
- X Based on information and belief formed after reasonable inquiry, the source identified in this application will comply with the future-effective applicable federal requirement(s) identified in form 1302-I1, on a timely basis¹;

Based on information and belief formed after reasonable inquiry, the source identified in this application is not in compliance with the applicable federal requirement(s), identified in form 1302-I1, and I have attached a compliance plan schedule.²

Signature of Responsible Official

12/15/23

- 1. Unless a more detailed schedule is expressly required by the applicable federal requirement.
- 2. At the time of expected permit issuance, if the source expects to be out of compliance with an applicable federal requirement, the applicant is required to provide a compliance schedule with this application, with the following exception. A source which is operating under a variance that is effective for less than 90 days need not submit a Compliance Schedule. For sources operating under a variance, which is in effect for more than 90 days, the Compliance Schedule is the schedule that was approved as part of the variance granted by the hearing board.

The compliance schedule shall contain a schedule of remedial measures, including an enforceable sequence of actions with milestones, leading to compliance with this applicable federal requirement. For sources operating under a variance, the compliance schedule is part of the variance granted by the hearing board. The compliance schedule shall resemble, and be at least as stringent as that contained in any judicial consent decree or administrative order to which the source is subject. For sources not operating under a variance, consult the Air Pollution Control Officer regarding procedures for obtaining a compliance schedule.

CERTIFICATION STATEMENT (Form 1302-M)

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS PROCESSING ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Casmalia IC Engines

Identify, by checking off below, the forms and attachments that are part of your application. If the application contains forms or attachments that are not identified below, please identify these attachments in the blank space provided below. Review the instructions if you are unsure of the forms and attachments that need to be included in a complete application.

Forms included with application	Attachments included with application
 Stationary Source Summary Form Total Stationary Source Emission For Compliance Plan Form Compliance Plan Certification Form Exempt Equipment Form Certification Statement Form List other forms or attachments APCD -01 [] check here if additional forms listed on back	 Description of Operating Scenarios X Sample emission calculations Fugitive emission estimates X List of Applicable requirements Discussion of units out of compliance with applicable federal requirements and, if required, submit a schedule of Compliance Facility schematic showing emission points NSR Permit PSD Permit Compliance Assurance monitoring protocols Risk management verification per 112(r)

I certify under penalty of law, based on information and belief formed after reasonable inquiry, that the information contained in this application, composed of the forms and attachments identified above, are true, accurate, and complete.

I certify that I am the responsible official, as defined in SBCAPCD's Regulation XIII, Rule 1301 or USEPA's 40 CFR Part 70.

Signature of Responsible Official

12/15 Date

Print Name of Responsible Official: Philip Brown

Title of Responsible Official and Company Name: Chief Operations Officer

CERTIFICATION STATEMENT (Form 1302-M continued)

APCD:	► APCD USE ONLY ""
Santa Barbara County Air Pollution Control District	APCD IDS PROCESSING ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Casmalia IC Engines

List Other Forms or Attachments (cont.)

EMISSION CALCULATIONS

Permit to Operate 08035 - R12

ATTACHMENT A Emission Calculations

Attachment: Permit Number: Facility:	A-1 Reeval 8035-R Casmalia IC Ei						
Engine Data							
Parameters				Value	Units	Reference / Notes	
	Enter R if Rich,	or L if Lean)			None	Permit application	
		,			bhp	Permit application	
Brake Specific Fue	Consumption (H	Higher Heatir	ng Value Basis)	11,500	Btu/bhp-hr	Permit application	
					hours/day	Permit application	
Annual Hours of Op	peration				hours/year	Permit application	
⁻ uel Data							
Parameters		Value	Units	Reference			
Sulfur Content of F			ppmv	Permit application			
leat Content of Fu	əl	1,100	Btu/scf	Permit application			
Emission Factors							
Pollutant		Value	Units				
NO _x Emission Fact	or	1.905	b/MMBtu				
ROC Emission Fac	tor	0.121	b/MMBtu				
CO Emission Facto			b/MMBtu				
30 _x Emission Fact			b/MMBtu				
PM Emission Facto			lb/MMBtu				
PM ₁₀ Emission Fac			Ib/MMBtu				
PM _{2.5} Emission Fa	ctor	0.010	lb/MMBtu				
Spark Ignited ICE	Potential to En	nit					
Pollutant	b/day	ТРҮ					
NO _x	24.82	4.53	_				
ROC	1.58	0.29	4				
CO	20.84	3.80	_				
SO _x	1.69	0.31	_				
PM	0.13	0.02	_				
PM ₁₀	0.13	0.02	_				
PM ₂₅	0.13	0.02	1				

Permit to Operate 08035 - R12

ATTACHMENT A Emission Calculations

Attachment: Permit Number: Facility:	A-2 Reeval 8035-R Casmalia IC E						
Engine Data							
Parameters				Value	Units	Reference / Notes	
	Enter R if Rich,	or L if Lean).			None	Permit application	
Engine Rating				38.4	bhp	Permit application	
		•	ng Value Basis)		Btu/bhp-hr	Permit application	
• •					hours/day	Permit application	
Annual Hours of Op	eration				hours/year	Permit application	
Fuel Data							
Parameters		Value	Units	Reference			
Sulfur Content of Fi			ppmv	Permit application			
leat Content of Fu	əl	1,100	Btu/scf	Permit application			
Emission Factors		Value	Units				
<u>Pollutant</u> NO _v Emission Fact	or		b/MMBtu				
ROC Emission Fac			b/MMBtu				
CO Emission Facto			b/MMBtu				
SO, Emission Fact		-	b/MMBtu				
PM Emission Facto	or	0.010	b/MMBtu				
PM ₁₀ Emission Fac			b/MMBtu				
PM _{2.5} Emission Fa	ctor	0.010	b/MMBtu				
Spark Ignited ICE	Potential to En	nit					
Pollutant	b/day	ТРҮ					
NO _x	18.43	3.36					
ROC	1.17	0.21	_				
CO	15.48	2.83	_				
SO _x	1.26	0.23	4				
PM	0.10	0.02					
PM ₁₀ PM _{2.5}	0.10	0.02	-				
	1 0 10	1 1112	1				

Permit to Operate 08035 - R12

ATTACHMENT A Emission Calculations

Attachment: Permit Number: Facility:	A-3 Reeval 8035-R Casmalia IC E						
Engine Data							
Parameters				Value	Units	Reference / Notes	
	Enter R if Rich.	or L if Lean)			None	Permit application	
					bhp	Permit application	
0 0			ng Value Basis)		Btu/bhp-hr	Permit application	
Daily Hours of Ope	ration			24	hours/day	Permit application	
Annual Hours of Op	peration			8,760	hours/year	Permit application	
Fuel Data							
Parameters		Value	Units	Reference			
Sulfur Content of F		796	ppmv	Permit application			
leat Content of Fu	əl	1,100	Btu/scf	Permit application			
Pollutant		Value	<u>Units</u>				
NO _x Emission Fact ROC Emission Fac			lb/MMBtu lb/MMBtu				
CO Emission Facto			b/MMBtu				
SO, Emission Fact		-	b/MMBtu				
PM Emission Facto			b/MMBtu				
PM ₁₀ Emission Fac	:tor	0.010	b/MMBtu				
PM _{2.5} Emission Fa	ctor	0.010	b/MMBtu				
Spark Ignited ICE	Potential to En	nit					
Pollutant	b/day	ТРҮ					
NO _x	12.57	2.29	_				
ROC	0.80	0.15	_				
CO	10.56	1.93	_				
SO _x	0.86	0.16					
PM	0.07	0.01					
PM ₁₀ PM _{2.5}	0.07	0.01					
	1 0.07		1				

PROJECT DESCRIPTION

Four produced gas-fired, rich bum internal combustion engines power oil well pumps located throughout the Casmalia Stationary Source. Two of these engines are derated using orifice plates.

MORGANTI LEASE PTO 8096-R12 TV APPLICATION FORMS

STATIONARY SOURCE SUMMARY (Form 1302-A1)

APCD: Santa Barbara County Air Pollution Control District

COMPANY NAME: Pacific Coast Energy Acquisitions, LLC

► APCD USE ONLY -ii(

Application #:

Application Filing Fee*:

APCD IDS Processing ID:

Date Application Received: Date Application Deemed Complete:

I. SOURCE IDENTIFICATION

1.	Source Name: Morganti	Lease Casmalia						
2.	Four digit SIC Code: 13	USEPA AIRS Plant ID (for APCD use only):						
3.	. Parent Company (if different than Source Name): Pacific Coast Energy Acquisitions, LLC							
4.	Mailing Address of Resp	onsible Official: 1555	Orcutt Hill Road	Orcutt, CA 9	3455			
5.	Street Address of Source	e Location (include Zip	Code):					
6.	UTM Coordinates (if rec	juired) (see instructions)):					
7.	Source located within:	50 miles of the state lin	ne	[]Yes	[X] No			
		50 miles of a Native A	merican Nation	[]Yes	[X] No	[] Not Applicable		
8.	Type of Organization:	[X] Corporation	[] Sole Owne	rship []C	Government			
9. L	legal Owner's Name: Pao	[] Partnership cific Coast Energy Comp	[] Utility Cor any LP	npany				
10.	Owner's Agent Name (i	f any): Marianne Strang	e Title: Environr Consultant	nental _{Telep}	hone #: 805-5	64-6590		
11.	Responsible Official: P	hilip Brown	Title: Chief Oper Officer	rations Telep	hone #: 805-9	37-2576		
12. Plant Site Manager/Contact: Doug Miller Title: Sr. Production Telephone #: 805-937-2 Foreman						937-2576		
13.	Type of facility: Oil an	nd Gas						
14.	General description of p	processes/products:	Please refer to a	ttached proje	ct description			
15.	Does your facility store,	, or otherwise handle, g	reater than thresho	old quantities	of any substa	nce on the Section 112(r)		
List	t of Substances and their	Thresholds (see Attach	ment A)? []	Yes [X]]	No			
	Is a Federal Risk Manag			1 5				
Ma	yes, attach verification th nagement Plan submittal lications submitted without	.)	-			lescription of status of Risk mittals		

Page <u>1</u> of <u>51</u>

STATIONARY SOURCE SUMMARY (Form 1302-A2)

APCD:	► APCD USE ONLY -<
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Morganti Lease Casmalia

II. TYPE OF PERMIT ACTION

	CURRENT PERMIT (permit number)	EXPIRATION (date)
Initial SBCAPCD's Regulation XIII Application	08096 - R12	6/2025
Permit Renewal		
Significant Permit Revision*		
Minor Permit Revision*		
Administrative Amendment		

III. DESCRIPTION OF PERMIT ACTION

1. Does the permit action requested involve:

[] Portable Source[] Voluntary Emissions Caps[] Acid Rain Source[] Alternative Operating Scenarios[] Source Subject to MACT Requirements [Section 112]

b: [X] None of the options in 1.a. are applicable

2. Is source operating under a Title V Program Compliance Schedule? [] Yes [X] No

a:

3. For permit modifications, provide a general description of the proposed permit modification:

*Requires APCD-approved NSR permit prior to a permit revision submittal

TOTAL STATIONARY SOURCE EMISSIONS (Form 1302-B)

► APCD USE ONLY ""
APCD IDS Processing ID:
SOURCE NAME: Morganti Lease Casmalia

I. TOTAL STATIONARY SOURCE EMISSIONS

Provide a brief description of operating scenario: Please refer to attached project description.

POLLUTANT * (name)	EMISSIONS (tons per year)	PRE-MODIFICATION EMISSIONS (tons per year)	EMISSIONS CHANGE ** (tons per year)
NOx	306.70		1.72
ROC	191.06	NOT APPLICABLE FOR FIRST	15.93
СО	240.36	APPLICATION SUBMITTALS	9.13
SOx	19.21		2.99
РМ	7.62		0.50
PM10	7.62		0.50
PM2.5	7.62		0.53

* Emissions for all pollutants for which the source is major and for all NSPS/MACT-regulated air pollutants must be reported. HAP emissions must be determined, and those exceeding one ton per year from any emission unit category must also be quantified; if less than one ton per year, just list the HAPs emitted by name.

** Transferring all existing Casmalia Field Stationary Source leases to Orcutt Hill Stationary Source

COMBUSTION EMISSION UNIT (Form 1302-C1)

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Morganti Lease Casmalia

I. EMISSION UNIT DESCRIPTION

1. Equipment type: Glycol Reboiler

ATC/PTO Number: 08096 - R12

- 2. Equipment description:0.10 MMBtu/Hr APCD Dev # 002830
- 3. For piston ICEs: [] 2-stroke [] 4-stroke [] NA
- 4. Equipment make, model & serial number:
- 5. Maximum design process rate or maximum power input/output:
- 6. Primary use: Disposal of excess produced gas
- 7. Burner(s) design, operating temperature and capacity:
- 8. Control device(s) type and description (if any):

II. OPERATIONAL INFORMATION

- 1. Operating schedule: _____hours/day _____hours/year
- 2. Exhaust gas properties (temperature, SCFM, %H₂O, %O2 or %CO₂, % excess air):
- 3. Fuel specifications:

FUEL TYPE (name)	MAX ANNUAL USAGE** (ft ³ ./yr, lb/yr, gal/yr)	HEATING VALUE (BTU/lb or BTU/gal)	SULFUR (%)
Produced gas	876 MMBtu/yr	1200	<796

* Equipment may be grouped on a single form if it is of the same type and if the emissions are calculated the same way.

** List only if there is a permit restriction limiting annual fuel use below the theoretical maximum usage.

COMBUSTION EMISSION UNIT (Form 1302-C2)

APCD:	► APCD USE ONLY �
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Morganti Lease Casmalia

4. Emissions for Emission Units described on page(s):Glycol Reboiler

CRITERIA POLLUTANT EMISSIONS (tons per year)					
POLLUTANTS	NOx	ROC	СО	SOX	PM, PM10 PM2.5
A. Emissions	0.04	0.00	0.02	0.05	0.00
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
OTHER REGULATED AIR POLLUTANT EMISSIONS (tons per year) ⁴					
POLLUTANTS					
A. Emissions					
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
1 For permit revisions only: emissions prior to project modification					

For permit revisions only; emissions prior to project modification.
 Difference between Pre-Modification Emissions (Section B.) and Emissions (Section A.).

3 For voluntary emissions cap and emission limits [i.e. expressed as parts per million (ppm) corrected for dilution air, pounds per hour (lbs/hr), pounds per million BTU (lb/MMBTU, etc.] required by any applicable federal requirement.

COMBUSTION EMISSION UNIT (Form 1302-C1)

► APCD USE ONLY <.
APCD IDS Processing ID:
SOURCE NAME: Morganti Lease Casmalia
-

III. EMISSION UNIT DESCRIPTION

1. Equipment type: Heater Treater

ATC/PTO Number: 08096 - R12

- 2. Equipment description: 3.0 MMBtu/Hr APCD Dev #108155
- 3. For piston ICEs: [] 2-stroke [] 4-stroke [] NA
- 4. Equipment make, model & serial number: National Boiler VFH S1050283
- 5. Maximum design process rate or maximum power input/output: 3.0 MMBtu/hr
- 6. Primary use: Disposal of excess produced gas
- 7. Burner(s) design, operating temperature and capacity:
- 8. Control device(s) type and description (if any):

IV. OPERATIONAL INFORMATION

- 1. Operating schedule: _____hours/day _____hours/year
- 2. Exhaust gas properties (temperature, SCFM, %H2O, %O2 or %CO2, % excess air):
- 3. Fuel specifications:

FUEL TYPE (name)	MAX ANNUAL USAGE** (ft ³ ./yr, lb/yr, gal/yr)	HEATING VALUE (BTU/lb or BTU/gal)	SULFUR (%)
Produced gas	26280 MMBtu/yr	1200	<796

* Equipment may be grouped on a single form if it is of the same type and if the emissions are calculated the same way.

** List only if there is a permit restriction limiting annual fuel use below the theoretical maximum usage.

COMBUSTION EMISSION UNIT (Form 1302-C2)

APCD:	► APCD USE ONLY �
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Morganti Lease Casmalia

4. Emissions for Emission Units described on page(s):No associated emissions – cannot operate unit Rule 361 is achieved

CRITERIA POLLUTANT EMISSIONS (tons per year)					
POLLUTANTS	NOx	ROC	СО	SOX	PM, PM10 PM2.5
A. Emissions					
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
OTHER REGULATED AIR POLLUTANT EMISSIONS (tons per year) ⁴					
POLLUTANTS					
A. Emissions					
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
5 For permit revisions only; emissions prior to project modification.					

5 For permit revisions only; emissions prior to project modification.
6 Difference between Pre-Modification Emissions (Section B.) and Emissions (Section A.).

7 For voluntary emissions cap and emission limits [i.e. expressed as parts per million (ppm) corrected for dilution air, pounds per hour (lbs/hr), pounds per million BTU (lb/MMBTU, etc.] required by any applicable federal requirement.

COMBUSTION EMISSION UNIT (Form 1302-C1)

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Morganti Lease Casmalia

V. EMISSION UNIT DESCRIPTION

1. Equipment type: Boiler 1 & 2

ATC/PTO Number: 08096 - R12

- 2. Equipment description:0.3.0 & 4.72 MMBtu/Hr APCD Dev # 110345 & 106922
- 3. For piston ICEs: [] 2-stroke [] 4-stroke [] NA
- 4. Equipment make, model & serial number: Ajax HNP3000-W 55660 & Miura LX-200SG 47S43346
- 5. Maximum design process rate or maximum power input/output:
- 6. Primary use: Disposal of excess produced gas
- 7. Burner(s) design, operating temperature and capacity:
- 8. Control device(s) type and description (if any):

VI. OPERATIONAL INFORMATION

- 1. Operating schedule:
 ______hours/day
 ______hours/year
- 2. Exhaust gas properties (temperature, SCFM, %H₂O, %O2 or %CO₂, % excess air):
- 3. Fuel specifications:

FUEL TYPE (name)	MAX ANNUAL USAGE** (ft ³ ./yr, lb/yr, gal/yr)	HEATING VALUE (BTU/lb or BTU/gal)	SULFUR (%)
Produced gas	26,280 and 41,347.2 MMBtu/yr	1200	<796

* Equipment may be grouped on a single form if it is of the same type and if the emissions are calculated the same way.

** List only if there is a permit restriction limiting annual fuel use below the theoretical maximum usage.

COMBUSTION EMISSION UNIT (Form 1302-C2)

APCD:	► APCD USE ONLY �
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Morganti Lease Casmalia

1. Emissions for Emission Units described on page(s): :No associated emissions – cannot operate unit Rule 361 is achieved

CRITERIA POLLUTANT EMISSIONS (tons per year)								
POLLUTANTS	NOx	ROC	СО	SOX	PM, PM10 PM2.5			
A. Emissions								
B. Pre-Modification Emissions ¹								
C. Emission Change ²								
D. Emission Limit ³								
OTHER REGULATED AIR POLLUTANT EMISSIONS (tons per year) ⁴								
POLLUTANTS								
A. Emissions	A. Emissions							
B. Pre-Modification Emissions ¹								
C. Emission Change ²								
D. Emission Limit ³								
 9 For permit revisions only; emissions prior to project modification. 10 Difference between Pre-Modification Emissions (Section B.) and Emissions (Section A.). 11 For voluntary emissions cap and emission limits [i.e. expressed as parts per million (ppm) corrected for dilution air, pounds per hour (lbs/hr), pounds per million BTU (lb/MMBTU, etc.] required by any 								

COATING / SOLVENT EMISSION UNIT (Form 1302-D1)

APCD:	► APCD USE ONLY <
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Morganti Lease Casmalia
	Č

I. EMISSION UNIT DESCRIPTION

1. Equipment type: Solvent & Coating Rule 202 exempt for maintenance

ATC/PTO Number: 08096 - R12

- 2. Equipment description:
- 3. Equipment make, model & serial number:
- 4. Maximum design process rate or throughput:
- 5. Control device(s) type and description (if any):
- 6. Description of coating/solvent application/drying method(s) employed including coating transfer: All solvent and coating emissions will be assumed on the Orcutt Hill stationary source under the Cal Coast Lease PTO 8826.
- 7. List and describe primary coating/solvent process equipment used: Mineral Spirits or similar for Lab Cuts. Coatings used for maintenance activities.

II. OPERATIONAL INFORMATION

- 1. Operating schedule: _____ hours/day _____ hours/year
- 2. Coatings/solvents information:

COATING/ SOLVENT (name)	MANUFACTURER (name)	MAXIMUM USE (gal/day, gal/yr)	VAPOR PRESSURE (mm of Hg)	SOLIDS CONTENT (%)	VOC CONTENT (%)

* Equipment may be grouped on a single form if it is of the same type and if the emissions are calculated the same way.

COATING / SOLVENT EMISSION UNIT (Form 1302-D2)

APCD:	► APCD USE ONLY <
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Morganti Lease Casmalia

3. Emissions for Emission Unit(s) described on page(s):

DLLUTANT	EMISSIONS (to	ons per year) ⁴	
DLLUTANT	EMISSIONS (to	ons per year) ⁴	
DLLUTANT	EMISSIONS (to	ons per year) ⁴	
DLLUTANT	EMISSIONS (to	ons per year) ⁴	
DLLUTANT	EMISSIONS (to	ons per year) ⁴	
DLLUTANT	EMISSIONS (to	ons per year) ⁴	
		1 2 /	
-		ication.	

2 Difference between Pre-Modification Emissions (Section B.) and Emissions (Section A.).

3 For voluntary emissions cap and emission limits [i.e. expressed as parts per million (ppm) corrected for dilution air, pounds per hour (lbs/hr), pounds per million BTU (lb/MMBTU, etc.] required by any applicable federal requirement.

ORGANIC LIQUID STORAGE UNIT (Form 1302-E1)

APCD: Santa Barbara County Air Pollution Control District			► APCD US D IDS PROCESSING ID	D USE ONLY <. G ID:		
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC			RCE NAME: Morganti Lo	ease Casmalia		
I. EMISSION UNIT DES	CRIPTION					
1. Equipment type: Crude Oil Tank #1 & 2 ATC/PTO Number: 08096 – R12						
2. Equipment description	: 1000 & 2000 bbl					
3. Equipment make, mod	lel & serial number:		Year construct	ted:		
4. Control device(s) type	and description (if an	y): VRU				
II. OPERATIONAL INFO	RMATION					
1. Operating schedule: <u>2</u> -		8760) hours/year			
<u></u>	<u></u>					
2. Raw material used or p	processed:					
2. Raw material used or p ORGANIC LIQUID (material name)	orocessed: TRUE VAPOR PRESSURE (psia)	BOILING POINT (°F)	STORAGE TEMPERATURE (°F)	ANNUAL LIQUID THROUGHPUT (gals/year)		
ORGANIC LIQUID	TRUE VAPOR PRESSURE	POINT	TEMPERATURE	THROUGHPUT		
ORGANIC LIQUID (material name)	TRUE VAPOR PRESSURE (psia)	POINT	TEMPERATURE (°F)	THROUGHPUT (gals/year)		
ORGANIC LIQUID (material name)	TRUE VAPOR PRESSURE (psia)	POINT	TEMPERATURE (°F)	THROUGHPUT (gals/year)		
ORGANIC LIQUID (material name)	TRUE VAPOR PRESSURE (psia)	POINT	TEMPERATURE (°F)	THROUGHPUT (gals/year)		
ORGANIC LIQUID (material name)	TRUE VAPOR PRESSURE (psia)	POINT	TEMPERATURE (°F)	THROUGHPUT (gals/year)		

III. TANK DESIGN AND SPECIFICATIONS

0 1] Floating Roof (externation of [] Underground	l) [] Floating Roof (internal) [] Pressure Vessel	[X] Fixed [] Other:
-	ons: Max Fill Rate: Height: 12 & 16_ Diameter: 21.5 & 2	ft Vapor Space:	gal/hr ft
	Capacity:	gal	
3. Shell type:	[] Gunited	[] Riveted [] Welded	[] Other: bolted
SBC APCD (4.03.06)			Page <u>12</u> of <u>51</u>

ORGANIC LIQUID STORAGE UNIT (Form 1302-E2)

APCD:	► APCD USE ONLY 4{
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Morganti Lease Casmalia

III. TANK DESIGN AND SPECIFICATIONS

4. Roof type: [] Pan [] Pontoon

5. Tank Seals: [] Single Seal [] Double Seal

Primary Seal Shoe Type: [] Metallic Shoe [] Vapor Mounted Resilient Seal [] Liquid Mounted Resilient Seal [] Wiper Seal [] Other: ______ [] Other:

Secondary Seal Shoe Type:

- [] Shoe Mounted Wiper Seal
- [] Rim Mounted Wiper Seal
- [] Weathershield
- [] Other: _____

6. Emissions for Emission Units described on page(s):

CRITERIA POLLUTANT EMISSIONS (tons per year)					
POLLUTANTS	ROC				
A. Emissions	0.04 & 0.06				
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
OTHER REGULAT	OTHER REGULATED AIR POLLUTANT EMISSIONS (tons per year) ⁴				
POLLUTANTS					
A. Emissions					
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
 For permit revisions only; emissions prior to Difference between Pre-Modification Emission 	project modification. ons (Section B.) and Emiss	ions (Section A.).			

3 For voluntary emissions cap and emission limits [i.e. expressed as parts per million (ppm) corrected for dilution air, pounds per hour (lbs/hr), pounds per million BTU (lb/MMBTU, etc.] required by any applicable federal requirement.

ORGANIC LIQUID STORAGE UNIT (Form 1302-E1)

APCD: Santa Barbara County Air Pollution Control District COMPANY NAME: Pacific Coast Energy Acquisitions, LLC			 ► APCD USE ONLY <. APCD IDS PROCESSING ID: SOURCE NAME: Morganti Lease Casmalia 		
1. Equipment type: Dilu	ent Tank		ATC/PTO	Number: 08096 – R12	
2. Equipment description	n: 750 bbl				
3. Equipment make, mo	del & serial number:		Year constr	ucted:	
4. Control device(s) type	e and description (if an	y): VRU			
V. OPERATIONAL INFO	ORMATION				
1. Operating schedule: 2		876	0 hours/year		
2. Raw material used or ORGANIC LIQUID (material name)	TRUE VAPOR PRESSURE (psia)	BOILING POINT (°F)	STORAGE TEMPERATU RE (°F)	ANNUAL LIQUID THROUGHPUT (gals/year)	
Diluent	0.5		64	11,497,500	
3. Throughput profile (%	% of total): 100_Ja	an-Mar 100 <u></u> A	pril-June <u>10</u>	<u>)</u> July-Sep <u>100</u> Oct-D	

] Underground	[] Floating Roof (internal) [] Pressure Vessel	[X] Fixed [] Other:
2. Tank specifications:	Max Fill Rate: Height: 24 Diameter: 15.5_	ft Vapor Space:	gal/hr ft
	Capacity:	gal	
3. Shell type:	[] Gunited [] Riveted [] Welded	[] Other: bolted

Page 14 of 51

ORGANIC LIQUID STORAGE UNIT (Form 1302-E2)

APCD:	► APCD USE ONLY 4{
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Morganti Lease Casmalia

III. TANK DESIGN AND SPECIFICATIONS

4. Roof type: [] Pan [] Pontoon

5. Tank Seals: [] Single Seal [] Double Seal

Primary Seal Shoe Type: [] Metallic Shoe [] Vapor Mounted Resilient Seal [] Liquid Mounted Resilient Seal [] Wiper Seal [] Other: ______ [] Other:

Secondary Seal Shoe Type:

- [] Shoe Mounted Wiper Seal
- [] Rim Mounted Wiper Seal
- [] Weathershield
- [] Other: ____

6. Emissions for Emission Units described on page(s):

CRITERIA POLLUTANT EMISSIONS (tons per year)					
POLLUTANTS]	ROC			
A. Emissions		0.70			
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
OTHER REG	ULATED AIR I	POLLUTANT	EMISSIONS (t	ons per year) ⁴	
POLLUTANTS					
A. Emissions					
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
5 For permit revisions only; emissions p	rior to project mod	ification.			

6 Difference between Pre-Modification Emissions (Section B.) and Emissions (Section A.).

7 For voluntary emissions cap and emission limits [i.e. expressed as parts per million (ppm) corrected for dilution air, pounds per hour (lbs/hr), pounds per million BTU (lb/MMBTU, etc.] required by any applicable federal requirement.

ORGANIC LIQUID STORAGE UNIT (Form 1302-E1)

<i>v</i>			 ► APCD USE ONLY <. APCD IDS PROCESSING ID: SOURCE NAME: Morganti Lease Casmalia 			
						VII.
1.	Equipment type: Wash	n Tank			ATC/PTO Nu	mber: 08096 – R12
2.	Equipment description	a: 5000 bbl				
3.	Equipment make, mod	lel & serial number:			Year construct	ted:
4.	Control device(s) type	and description (if any	y): VRU			
1. 2.	Operating schedule: <u>2</u> Raw material used or PRGANIC LIQUID (material name)		BOILIN POIN (°F)	-	hours/year STORAGE EMPERATURE (°F)	ANNUAL LIQUID THROUGHPUT (gals/year)
Crud	le & water	0.84		145		12,264,000
3.	Throughput profile (%	6 of total): 100_Ja	nn-Mar 10	0 April-Ju	ne <u>100</u> Ju	ly-Sep <u>100</u> Oct-Dec

IX. TANK DESIGN AND SPECIFICATIONS

0 1] Floating Roof (extern pof [] Underground	al) [] Floating Roof (internal) [] Pressure Vessel	[X] Fixed [] Other:
2. Tank specification	ons: Max Fill Rate: Height: 12 & 16 Diameter: 21.5 & 2	ft Vapor Space:	gal/hr ft
	Capacity:	gal	
3. Shell type:	[] Gunited	[] Riveted [] Welded	[] Other: bolted
DCD (1020C)			$\mathbf{p} = 16 \mathbf{e} 51$

Page <u>16</u> of <u>51</u>

ORGANIC LIQUID STORAGE UNIT (Form 1302-E2)

APCD:	► APCD USE ONLY 4{
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Morganti Lease Casmalia

III. TANK DESIGN AND SPECIFICATIONS

4. Roof type: [] Pan [] Pontoon

5. Tank Seals: [] Single Seal [] Double Seal

Primary Seal Shoe Type: [] Metallic Shoe [] Vapor Mounted Resilient Seal [] Liquid Mounted Resilient Seal [] Wiper Seal [] Other: ______ [] Other:

Secondary Seal Shoe Type:

- [] Shoe Mounted Wiper Seal
- [] Rim Mounted Wiper Seal
- [] Weathershield
- [] Other: ____

6. Emissions for Emission Units described on page(s):

CRITERIA POLLUTANT EMISSIONS (tons per year)						
POLLUTANTS		ROC				
A. Emissions		0.00				
B. Pre-Modification Emissions ¹						
C. Emission Change ²						
D. Emission Limit ³						
OTHER REG	ULATED AIR	POLLUTANT	EMISSIONS (t	ons per year) ⁴		
POLLUTANTS						
A. Emissions						
B. Pre-Modification Emissions ¹						
C. Emission Change ²						
D. Emission Limit ³						
9 For permit revisions only: emissions prior to project modification						

9 For permit revisions only; emissions prior to project modification.

10 Difference between Pre-Modification Emissions (Section B.) and Emissions (Section A.).

11 For voluntary emissions cap and emission limits [i.e. expressed as parts per million (ppm) corrected for dilution air, pounds per hour (lbs/hr), pounds per million BTU (lb/MMBTU, etc.] required by any applicable federal requirement.

ORGANIC LIQUID STORAGE UNIT (Form 1302-E1)

•			 ► APCD USE ONLY <. APCD IDS PROCESSING ID: SOURCE NAME: Morganti Lease Casmalia 		
1. Equipment type: Produ	aced Water Tank #1 &	2	ATC/PTO Nun	nber: 08096 – R12	
2. Equipment description	: 1000 & 1000 bbl				
3. Equipment make, mod	el & serial number:		Year constructe	ed:	
4. Control device(s) type	and description (if an	y): VRU			
XI. OPERATIONAL	INFORMATION				
1. Operating schedule: 24	1_hours/day	8760	0hours/year		
2. Raw material used or p	processed:				
ORGANIC LIQUID (material name)	TRUE VAPOR PRESSURE (psia)	BOILING POINT (°F)	STORAGE TEMPERATURE (°F)	ANNUAL LIQUID THROUGHPUT (gals/year)	
Produced water					
II. II. II. II. II. II. II. II. II. II.					

XII. TANK DESIGN AND SPECIFICATIONS

e .] Floating Roof (extern oof [] Underground	al) [] Floating Roof (internal) [] Pressure Vessel	[X] Fixed [] Other:	
2. Tank specification	ons: Max Fill Rate: Height: 12 & 16 Diameter: 21.5 & 2	ft Vapor Space:	gal/hr ft	
	Capacity:	gal		
3. Shell type:	[] Gunited	[] Riveted [] Welded	[] Other: bolted	_
SBC APCD (4.03.06)			Page <u>18</u> of <u>51</u>	

ORGANIC LIQUID STORAGE UNIT (Form 1302-E2)

APCD:	► APCD USE ONLY 4{
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Morganti Lease Casmalia

III. TANK DESIGN AND SPECIFICATIONS

4. Roof type: [] Pan [] Pontoon

5. Tank Seals: [] Single Seal [] Double Seal

Primary Seal Shoe Type: [] Metallic Shoe [] Vapor Mounted Resilient Seal [] Liquid Mounted Resilient Seal [] Wiper Seal [] Other: ______ [] Other:

Secondary Seal Shoe Type:

- [] Shoe Mounted Wiper Seal
- [] Rim Mounted Wiper Seal
- [] Weathershield
- [] Other: ____

6. Emissions for Emission Units described on page(s):

CRITERIA POLLUTANT EMISSIONS (tons per year)					
POLLUTANTS					
A. Emissions	0.08 & 0.08				
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
OTHER REGULATED AIR POLLUTANT EMISSIONS (tons per year) ⁴					
POLLUTANTS	POLLUTANTS				
A. Emissions					
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
 13 For permit revisions only; emissions prior to project modification. 14 Difference between Pre-Modification Emissions (Section B.) and Emissions (Section A.). 					

14 Difference between Pre-Modification Emissions (Section B.) and Emissions (Section A.).
15 For voluntary emissions cap and emission limits [i.e. expressed as parts per million (ppm) corrected for dilution air, pounds per hour (lbs/hr), pounds per million BTU (lb/MMBTU, etc.] required by any applicable federal requirement.

APCD:	► APCD USE ONLY 4{
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Morganti Lease Casmalia
COMPANY NAME. Tacine Coast Energy Acquisitions, LEC	SOURCE NAME. Morganu Lease Casinana

I. EMISSION UNIT DESCRIPTION

- 1. General process description: Separators
- 2. Equipment type*: Oil and Gas Separators
- Equipment description*: 6 Oil & Gas Separators APCD Dev # 100961, 100968, 100967, 100955, 100972, 113346 ATC/PTO Number: 08096 – R12
- 4. Equipment make, model & serial number:
- 5. Maximum design process rate or throughput: N/A
- 6. Control device(s) type and description (if any): N/A

II. OPERATIONAL INFORMATION

- 1. Operating schedule: 24 hours/day 8760 hours/year
- 2. Exhaust gas flow rate: _____ SCFM @ _____ %H₂O
- 3. Raw products used and finished products produced:

RAW PRODUCT USED (name)	FEED RATE or CONSUMPTION RATE or OTHER PARAMETER**	FINISHED PRODUCTS PRODUCED (name)	PRODUCTION RATE* (lbs/hr, gal/hr, etc.)

* Equipment may be grouped on a single form if it is of the same type and if the emissions are calculated the same way.

** Choose parameters to allow determination of applicability of federal requirements (e.g. lbs/hr, gallons/hr, tons/yr)

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Morganti Lease Casmalia

1. Emissions for Emission Units described on page(s): all emissions are fugitive and included in fugitive emissions.

CRITERIA POLLUTANT EMISSIONS (tons per year)						
POLLUTANTS	POLLUTANTS					
A. Emissions						
B. Pre-Modification Emissions ¹						
C. Emission Change ²						
D. Emission Limit ³						
OTHER RE	OTHER REGULATED AIR POLLUTANT EMISSIONS (tons per year) ⁴				4	
POLLUTANTS						
A. Emissions						
B. Pre-Modification Emissions ¹						
C. Emission Change ²						
D. Emission Limit ³						
1 For permit revisions only: emissions prior to project modification						

1 For permit revisions only; emissions prior to project modification.

2 Difference between Pre-Modification Emissions (Section B.) and Emissions (Section A.).

3 For voluntary emissions cap and emission limits [i.e. expressed as parts per million (ppm) corrected for dilution air, pounds per hour (lbs/hr), pounds per million BTU (lb/MMBTU, etc.] required by any applicable federal requirement.

APCD:	► APCD USE ONLY 4{
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Morganti Lease Casmalia

III. EMISSION UNIT DESCRIPTION

- 1. General process description: Scrubbers
- 2. Equipment type*: Gas Scrubbers
- 3. Equipment description*: 7 Gas scrubbers APCD Dev # 100954, 100966, 100956, 100969, 100970, 100971, 100957 ATC/PTO Number: 08096 R12
- 4. Equipment make, model & serial number:
- 5. Maximum design process rate or throughput: N/A
- 6. Control device(s) type and description (if any): N/A

IV. OPERATIONAL INFORMATION

 1. Operating schedule:
 24_____ hours/day
 8760____ hours/year

2. Exhaust gas flow rate: _____ SCFM @ _____ %H₂O

3. Raw products used and finished products produced:

RAW PRODUCT USED (name)	FEED RATE or CONSUMPTION RATE or OTHER PARAMETER**	FINISHED PRODUCTS PRODUCED (name)	PRODUCTION RATE* (lbs/hr, gal/hr, etc.)

* Equipment may be grouped on a single form if it is of the same type and if the emissions are calculated the same way.

** Choose parameters to allow determination of applicability of federal requirements (e.g. lbs/hr, gallons/hr, tons/yr)

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Morganti Lease Casmalia

2. Emissions for Emission Units described on page(s): all emissions are fugitive and included in fugitive emissions.

CRITERIA POLLUTANT EMISSIONS (tons per year)						
POLLUTANTS	POLLUTANTS					
A. Emissions						
B. Pre-Modification Emissions ¹						
C. Emission Change ²						
D. Emission Limit ³						
OTHER REGULATED AIR POLLUTANT EMISSIONS (tons per year) ⁴						
POLLUTANTS						
A. Emissions						
B. Pre-Modification Emissions ¹						
C. Emission Change ²						
D. Emission Limit ³						
5 For permit revisions only: emissions prior to project modification						

5 For permit revisions only; emissions prior to project modification.

6 Difference between Pre-Modification Emissions (Section B.) and Emissions (Section A.).

7 For voluntary emissions cap and emission limits [i.e. expressed as parts per million (ppm) corrected for dilution air, pounds per hour (lbs/hr), pounds per million BTU (lb/MMBTU, etc.] required by any applicable federal requirement.

APCD:	► APCD USE ONLY 4{
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Morganti Lease Casmalia

I. **EMISSION UNIT DESCRIPTION**

- General process description: Oil and Gas Wellheads 1.
- 2. Equipment type*: Oil and Gas Well
- Equipment description*: 23 Producing and or idle wells 3.
- Equipment make, model & serial number: 4.
- Maximum design process rate or throughput: oil 800 bbls/day and produced gas 800,000 scf/day 5.
- Control device(s) type and description (if any): 6.

II. OPERATIONAL INFORMATION

- 24_____ hours/day 1. Operating schedule: 8760 hours/year
- _____ SCFM @______ %H₂O 2. Exhaust gas flow rate:
- 3. Raw products used and finished products produced:

RAW PRODUCT USED (name)	FEED RATE or CONSUMPTION RATE or OTHER PARAMETER**	FINISHED PRODUCTS PRODUCED (name)	PRODUCTION RATE* (lbs/hr, gal/hr, etc.)
		Oil	800 bbls/Day
		Produced Gas	800,000 scf/Day

* Equipment may be grouped on a single form if it is of the same type and if the emissions are calculated the same way. ** Choose parameters to allow determination of applicability of federal requirements (e.g. lbs/hr, gallons/hr, tons/yr)

ATC/PTO Number: 08096 - R12

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Morganti Lease Casmalia

1. Emissions for Emission Units described on page(s): all emissions are fugitive currently calculated with KVB Method.

CRITERIA POLLUTANT EMISSIONS (tons per year)					
POLLUTANTS		ROC			
A. Emissions		0.357			
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
OTHER REGULATED AIR POLLUTANT EMISSIONS (tons per year) ⁴					
POLLUTANTS					
A. Emissions					
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
1. For a service service on the environment of an addition					

1 For permit revisions only; emissions prior to project modification.

2 Difference between Pre-Modification Emissions (Section B.) and Emissions (Section A.).

3 For voluntary emissions cap and emission limits [i.e. expressed as parts per million (ppm) corrected for dilution air, pounds per hour (lbs/hr), pounds per million BTU (lb/MMBTU, etc.] required by any applicable federal requirement.

APCD:	► APCD USE ONLY 4{
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Morganti Lease Casmalia

I. EMISSION UNIT DESCRIPTION

- 1. General process description: Sumps & Well Cellars
- 2. Equipment type*: Sumps & Well Cellars
- 3. Equipment description*: 23 well cellars, each with 36 sq. ft. of surface area APCD Dev # 2862, Sumps APCD Dev # 100963, 100962, 2831 ATC/PTO Number: 08096 R12
- 4. Equipment make, model & serial number:
- 5. Maximum design process rate or throughput:
- 6. Control device(s) type and description (if any):

II. OPERATIONAL INFORMATION

- 1. Operating schedule: 24_____ hours/day 8760____ hours/year
- 2. Exhaust gas flow rate: _____ SCFM @ _____ %H₂O
- 3. Raw products used and finished products produced:

RAW PRODUCT USED (name)	FEED RATE or CONSUMPTION RATE or OTHER PARAMETER**	FINISHED PRODUCTS PRODUCED (name)	PRODUCTION RATE* (lbs/hr, gal/hr, etc.)

* Equipment may be grouped on a single form if it is of the same type and if the emissions are calculated the same way. ** Choose parameters to allow determination of applicability of federal requirements (e.g. lbs/hr, gallons/hr, tons/yr)

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Morganti Lease Casmalia

1. Emissions for Emission Units described on previous page

CRITERIA POLLUTANT EMISSIONS (tons per year)					
POLLUTANTS	ROC				
A. Emissions	2.67				
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
OTHER REGULATED AIR POLLUTANT EMISSIONS (tons per year) ⁴					
POLLUTANTS					
A. Emissions					
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
1 For permit revisions only: emissions prior to project modification					

1 For permit revisions only; emissions prior to project modification.

2 Difference between Pre-Modification Emissions (Section B.) and Emissions (Section A.).

3 For voluntary emissions cap and emission limits [i.e. expressed as parts per million (ppm) corrected for dilution air, pounds per hour (lbs/hr), pounds per million BTU (lb/MMBTU, etc.] required by any applicable federal requirement.

APCD:	► APCD USE ONLY 4{
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Morganti Lease Casmalia

I. EMISSION UNIT DESCRIPTION

- 1. General process description: Fugitive Hydrocarbon Components -CLP Method
- 2. Equipment type*: Component Leak Paths.
- 3. Equipment description*: Valves, flanges connections etc. ATC/PTO Number: 08096 R12
- 4. Equipment make, model & serial number: N/A
- 5. Maximum design process rate or throughput: N/A
- 6. Control device(s) type and description (if any):N/A

II. OPERATIONAL INFORMATION

- 1. Operating schedule: 24 hours/day 8760 hours/year
- 2. Exhaust gas flow rate: _____ SCFM @ _____ %H₂O
- 3. Raw products used and finished products produced:

RAW PRODUCT USED (name)	FEED RATE or CONSUMPTION RATE or OTHER PARAMETER**	FINISHED PRODUCTS PRODUCED (name)	PRODUCTION RATE* (lbs/hr, gal/hr, etc.)

* Equipment may be grouped on a single form if it is of the same type and if the emissions are calculated the same way. ** Choose parameters to allow determination of applicability of federal requirements (e.g. lbs/hr, gallons/hr, tons/yr)

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Morganti Lease Casmalia

4. Emissions for Emission Units described on page(s): all emissions are fugitive and included in fugitive emissions.

CRITERIA POLLUTANT EMISSIONS (tons per year)					
POLLUTANTS		ROC			
A. Emissions		0.60			
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
OTHER REGULATED AIR POLLUTANT EMISSIONS (tons per year) ⁴					
POLLUTANTS					
A. Emissions					
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					

1 For permit revisions only; emissions prior to project modification.

2 Difference between Pre-Modification Emissions (Section B.) and Emissions (Section A.).

3 For voluntary emissions cap and emission limits [i.e. expressed as parts per million (ppm) corrected for dilution air, pounds per hour (lbs/hr), pounds per million BTU (lb/MMBTU, etc.] required by any applicable federal requirement.

APCD:	► APCD USE ONLY 4{
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Morganti Lease Casmalia

I EMISSION UNIT DESCRIPTION

- 4. General process description: Loading Rack
- 5. Equipment type*: Oil Loading Rack and Diluent unloading rack
- 6. Equipment description*: APCD Dev # 1097227 & 5286
- 7. Equipment make, model & serial number:
- 8. Maximum design process rate or throughput: 160 bbl / hr
- 9. Control device(s) type and description (if any): N/A

II OPERATIONAL INFORMATION

- 10. Operating schedule: 24_____ hours/day 8760____ hours/year
- 11. Exhaust gas flow rate: _____ SCFM @ _____ %H₂O
- 12. Raw products used and finished products produced:

RAW PRODUCT USED (name)	FEED RATE or CONSUMPTION RATE or OTHER PARAMETER**	FINISHED PRODUCTS PRODUCED (name)	PRODUCTION RATE* (lbs/hr, gal/hr, etc.)

* Equipment may be grouped on a single form if it is of the same type and if the emissions are calculated the same way.

** Choose parameters to allow determination of applicability of federal requirements (e.g. lbs/hr, gallons/hr, tons/yr)

ATC/PTO Number: 08096 - R12

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Morganti Lease Casmalia

3. Emissions for Emission Units described on page(s): all emissions are fugitive and included in fugitive emissions.

CRITERIA POLLUTANT EMISSIONS (tons per year)						
POLLUTANTS						
A. Emissions		0.14				
B. Pre-Modification Emissions ¹						
C. Emission Change ²						
D. Emission Limit ³						
OTHER REG	OTHER REGULATED AIR POLLUTANT EMISSIONS (tons per year) ⁴					
POLLUTANTS	POLLUTANTS					
A. Emissions						
B. Pre-Modification Emissions ¹						
C. Emission Change ²						
D. Emission Limit ³						

9 For permit revisions only; emissions prior to project modification.

10 Difference between Pre-Modification Emissions (Section B.) and Emissions (Section A.).

11 For voluntary emissions cap and emission limits [i.e. expressed as parts per million (ppm) corrected for dilution air, pounds per hour (lbs/hr), pounds per million BTU (lb/MMBTU, etc.] required by any applicable federal requirement.

APCD:	► APCD USE ONLY 4{
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Morganti Lease Casmalia

I. EMISSION UNIT DESCRIPTION

- a. General process description: Pigging
- b. Equipment type Pig Launcher
- c. Equipment description*: APCD Dev # 100959
- d. Equipment make, model & serial number:
- e. Maximum design process rate or throughput: N/A
- f. Control device(s) type and description (if any): N/A

II. OPERATIONAL INFORMATION

- a. Operating schedule: 24 hours/day 8760 hours/year
- b. Exhaust gas flow rate: _____ SCFM @ _____ %H₂O
- c. Raw products used and finished products produced:

RAW PRODUCT USED (name)	FEED RATE or CONSUMPTION RATE or OTHER PARAMETER**	FINISHED PRODUCTS PRODUCED (name)	PRODUCTION RATE* (lbs/hr, gal/hr, etc.)

* Equipment may be grouped on a single form if it is of the same type and if the emissions are calculated the same way.

** Choose parameters to allow determination of applicability of federal requirements (e.g. lbs/hr, gallons/hr, tons/yr)

ATC/PTO Number: 08096 – R12

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Morganti Lease Casmalia

4. Emissions for Emission Units described on page(s): all emissions are fugitive and included in fugitive emissions.

CRITERIA POLLUTANT EMISSIONS (tons per year)						
POLLUTANTS						
A. Emissions		0.01				
B. Pre-Modification Emissions ¹						
C. Emission Change ²						
D. Emission Limit ³						
OTHER REGULATED AIR POLLUTANT EMISSIONS (tons per year) ⁴						
POLLUTANTS	POLLUTANTS					
A. Emissions						
B. Pre-Modification Emissions ¹						
C. Emission Change ²						
D. Emission Limit ³						
12 Francestantic and a minimum minet and information						

13 For permit revisions only; emissions prior to project modification.

14 Difference between Pre-Modification Emissions (Section B.) and Emissions (Section A.).

15 For voluntary emissions cap and emission limits [i.e. expressed as parts per million (ppm) corrected for dilution air, pounds per hour (lbs/hr), pounds per million BTU (lb/MMBTU, etc.] required by any applicable federal requirement.

APCD:	► APCD USE ONLY 4{
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Morganti Lease Casmalia

V. EMISSION UNIT DESCRIPTION

- 1. General process description: Glycol Contactor
- 2. Equipment type*: Gas Separators
- 3. Equipment description*: APCD Dev #100958
- 4. Equipment make, model & serial number:
- 5. Maximum design process rate or throughput: N/A
- 6. Control device(s) type and description (if any): N/A

VI. OPERATIONAL INFORMATION

- 1. Operating schedule: 24____ hours/day 8760___ hours/year
- 2. Exhaust gas flow rate: _____SCFM @ _____%H₂O
- 3. Raw products used and finished products produced:

RAW PRODUCT USED (name)	FEED RATE or CONSUMPTION RATE or OTHER PARAMETER**	FINISHED PRODUCTS PRODUCED (name)	PRODUCTION RATE* (lbs/hr, gal/hr, etc.)

* Equipment may be grouped on a single form if it is of the same type and if the emissions are calculated the same way.

** Choose parameters to allow determination of applicability of federal requirements (e.g. lbs/hr, gallons/hr, tons/yr)

ATC/PTO Number: 08096 – R12

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Morganti Lease Casmalia

5. Emissions for Emission Units described on page(s): all emissions are fugitive and included in fugitive emissions.

CRITERIA POLLUTANT EMISSIONS (tons per year)					
POLLUTANTS					
A. Emissions					
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
OTHER RE	OTHER REGULATED AIR POLLUTANT EMISSIONS (tons per year) ⁴				
POLLUTANTS					
A. Emissions					
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
17 For normality anticipant only anticipant main to anticat the difference					

17 For permit revisions only; emissions prior to project modification.

18 Difference between Pre-Modification Emissions (Section B.) and Emissions (Section A.).

19 For voluntary emissions cap and emission limits [i.e. expressed as parts per million (ppm) corrected for dilution air, pounds per hour (lbs/hr), pounds per million BTU (lb/MMBTU, etc.] required by any applicable federal requirement.

APCD:	► APCD USE ONLY 4{
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Morganti Lease Casmalia

I. EMISSION UNIT DESCRIPTION

- a. General process description: Electric Motors & Pumps
- b. Equipment type Electric Motors
- c. Equipment description*: 2 Electric Motors APCD Dev #2829, 100964 & 1 Pump APCD Dev # 100952 ATC/PTO Number: 08096 - R12
- d. Equipment make, model & serial number:
- e. Maximum design process rate or throughput: N/A
- f. Control device(s) type and description (if any): N/A

II. OPERATIONAL INFORMATION

- a. Operating schedule: 24 hours/day 8760 hours/year
- b. Exhaust gas flow rate: _____ SCFM @ _____ %H₂O

c. Raw products used and finished products produced:

RAW PRODUCT USED (name)	FEED RATE or CONSUMPTION RATE or OTHER PARAMETER**	FINISHED PRODUCTS PRODUCED (name)	PRODUCTION RATE* (lbs/hr, gal/hr, etc.)

* Equipment may be grouped on a single form if it is of the same type and if the emissions are calculated the same way.

** Choose parameters to allow determination of applicability of federal requirements (e.g. lbs/hr, gallons/hr, tons/yr)

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Morganti Lease Casmalia

6. Emissions for Emission Units described on page(s): all emissions are fugitive and included in fugitive emissions.

CRITERIA POLLUTANT EMISSIONS (tons per year)					
POLLUTANTS					
A. Emissions					
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
OTHER REGULATED AIR POLLUTANT EMISSIONS (tons per year) ⁴					
POLLUTANTS					
A. Emissions					
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
21 For normit revisions only amissions prior to project modification					

21 For permit revisions only; emissions prior to project modification.

22 Difference between Pre-Modification Emissions (Section B.) and Emissions (Section A.).

23 For voluntary emissions cap and emission limits [i.e. expressed as parts per million (ppm) corrected for dilution air, pounds per hour (lbs/hr), pounds per million BTU (lb/MMBTU, etc.] required by any applicable federal requirement.

EMISSION CONTROL UNIT (Form 1302-G1)

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Morganti Lease Casmalia

I. EQUIPMENT DESCRIPTION

- 1. General process description: Vapor Recovery
- 2. Equipment type: Compressor
- 3. Equipment description: APCD Dev # 2859
- 4. Equipment make, model & serial number: :SN CAS42810
- 5. Emission unit(s) served by this equipment: Tanks and crude loading
- 6. Maximum design or rated capacity:15 HP

II. EQUIPMENT DESIGN INFORMATION

1. Exhaust gas:	Temperature:	°F	Flow Rate:	SCFM
	Moisture:	%	Oxygen:	%
	CO ₂ :	%		
2. General:	Manufacturer:		Pressure Drop:	in-Hg
	Inlet Temp.:	°F	Outlet Temp.:	
3. Catalyst data:	Catalyst Type/Ma	terial:	-	
	Catalyst Life:	years	Volume:	Ft ³
	Space Velocity: NH3 Inj. Temp.:	Ft ³ /Ft °F	NH3 inj. Rate:	gal/hr
4. Baghouse data:	• •	[] Positive Pressure	e []	Negative Pressure
	Cleaning Method: Fabric Material:		A.'. (Cl	d D d
	Flow Rate:	SCFM		th Ratio:
5. ESP data:	Number of fields: Power Input:		Cleanin	g Method:
6. Scrubber data:	Type/design:		Sorbent Type:	

7. Other Control Devices (include design information adequate to verify efficiency):

ATC/PTO Number: 08096 - R12

EMISSION CONTROL UNIT (Form 1302-G2)

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Morganti Lease Casmalia

III. OPERATIONAL INFORMATION

- 1. Operating schedule: 24 hours/day 8760 hours/year
- 2. Raw products used by control device:
- 3. Operating information:

POLLUTANT (name)	INLET CONCENTRATION ²	OUTLET CONCENTRATION ²	CONTROL EFFICIENCY ²
	(ppm or gr/DSCF ¹)	(ppm or gr/DSCF ¹)	(% by weight)
DC			95

2 Provide information adequate to determine efficiency of control.

EMISSION CONTROL UNIT (Form 1302-G1)

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Morganti Lease Casmalia

IV. EQUIPMENT DESCRIPTION

- 1. General process description: Flare
- 2. Equipment type: Combustion control device
- 3. Equipment description: APCD Dev # 8428
- 4. Equipment make, model & serial number: :
- 5. Emission unit(s) served by this equipment: Tanks and crude loading
- 6. Maximum design or rated capacity:

V. EQUIPMENT DESIGN INFORMATION

1. Exhaust gas:	Temperature:		°F	Flow Rate:	SCFM
	Moisture:		<u>%</u>	Oxygen:	%
	CO ₂ :		<u>%</u>		
2. General:	Manufacturer:			-	in-Hg
	Inlet Temp.:			Outlet Temp.:	°F
3. Catalyst data:	Catalyst Type/Ma	terial:			
	Catalyst Life:		years	Volume:	$\underline{\qquad}$ Ft ³
	Space Velocity: NH3 Inj. Temp.:			NH3 inj. Rate:	gal/hr
4. Baghouse data:	Design:	[] Posi	tive Pressure	e []	Negative Pressure
	Cleaning Method: Fabric Material: Flow Rate:		SCFM	Air/Clo	th Ratio:
5. ESP data:	Number of fields:		berm		ig Method:
5. EST data.	Power Input:			Cleanin	g method.
6. Scrubber data:	Type/design:			Sorbent Type:	

7. Other Control Devices (include design information adequate to verify efficiency):

ATC/PTO Number: 08096 - R12

EMISSION CONTROL UNIT (Form 1302-G2)

► APCD USE ONLY <.
APCD IDS Processing ID:
SOURCE NAME: Morganti Lease Casmalia

VI. OPERATIONAL INFORMATION

- 1. Operating schedule: 24 hours/day 8760 hours/year
- 2. Raw products used by control device:
- 3. Operating information:

POLLUTANT (name)	INLET CONCENTRATION ²	OUTLET CONCENTRATION ²	CONTROL EFFICIENCY ²
	(ppm or gr/DSCF ¹)	(ppm or gr/DSCF ¹)	(% by weight)
C			95

4 Provide information adequate to determine efficiency of control.

EXEMPT EMISSIONS UNITS (Form 1302-H)

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Morganti Lease Casmalia

Are you claiming any emitting activities to be insignificant? (See definition at bottom of page)

YES X NO

I. ACTIVITIES CLAIMED TO BE INSIGNIFICANT (Attach supporting calculations)

Activity	Description of Activity/Emission Units	Potential to Emit for each Pollutant
Solvents & Coatings	Lab Cuts & Facility/Equipment Maintenance	0.1 TPY ROC

Insignificant activities are defined in APCD Rule 1301 (definitions). For an activity to be considered insignificant emissions cannot exceed 2 tons per year potential to emit (PTE) any criteria pollutants, and 0.5 tons per year for any regulated HAP.

Note: Insignificant activities are not exempt from Part 70 requirements/permits.

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Morganti Lease Casmalia

I. PROCEDURE FOR USING FORM 1302-I

This form shall be submitted as part of the SBCAPCD's Regulation XIII Application. The Responsible Official shall identify the applicable federal requirement(s) to which the source is subject. In the Compliance Plan (Form 1302-I), a Responsible Official shall identify whether the source identified in the SBCAPCD's Regulation XIII Application currently operates in compliance with all applicable federal requirements.

II. APPLICABLE FEDERAL REQUIREMENTS

Applicable Federal Requirement ¹		Affected Emission Unit	In compliance?	Effective
Regulatory Reference ²	Regulation Title ²		(yes/no/exempt ³)	Date ⁴
APCD Rule 301	Circumvention	Entire Source	Yes	In Effect
APCD Rule 302	Visible Emissions	Entire Source	Yes	In Effect
APCD Rule 303	Nuisance	Entire Source	Yes	In Effect
APCD Rule 304	Particulate Matter – Northern Zone	Each PM Source	Yes	In Effect
APCD Rule 309	Specific Contaminants	Combustion Units	Yes	In Effect
APCD Rule 310	Odorous Organic Sulfides	Combustion Units	Yes	In Effect
APCD Rule 311	Sulfur Content of Fuel	Combustion Units	Yes	In Effect
APCD Rule 317	Organic Solvents	Maintenance/Wipe Cleaning	Yes exempt	In Effect
APCD Rule 321	Solvent Cleaning Operations	Maintenance Operations	Yes	In Effect
APCD Rule 322	Metal Surface Coating Thinner and Reducer	Maintenance Operations	Yes	In Effect
APCD Rule 323	Architectural Coatings - Standards	Maintenance Operations	Yes	In Effect
APCD Rule 324	Disposal and Evaporation of Solvents	Maintenance/Wipe Cleaning	Yes	In Effect
APCD Rule 325	Crude Oil Production and Separation	Wash Tank, crude storage tanks, wastewater tanks	Yes	In Effect
APCD Rule 331	Fugitive Emissions Inspection & Maintenance	All components (valves, flanges, seals, compressors, and pumps) used to handle oil and gas	Yes	In Effect
APCD Rule 333	Control of Emissions from Reciprocating IC Engines	Controlled Natural Gas (NG) fired rich burn ICEs	Yes	In Effect

APCD: Santa Barbara County Air Pollution Control District COMPANY NAME: Pacific Coast Energy Acquisitions, LLC		► APCD USE ONLY <. APCD IDS Processing ID:			
		quisitions, LLC	SOURCE NAME: Morganti Lease Casmalia		e Casmalia
Applicable Fede Regulatory Reference ²	ral Requirement ¹ Regulation Title ²	Affected Emiss	ion Unit	In compliance? (yes/no/exempt ³)	Effective Date ⁴
	5				
APCD Rule 343	Petroleum Storage Tank Degassing	Wash Tank, crude st wastewater tanks		Yes	In Effect
APCD Rule 344	Petroleum Wells, Sumps and Cellars	Well cellars, sump, v pits		Yes	In Effect
APCD Rule 346	Loading of Organic Liquids	Crude oil loading ra	ck	Yes	In Effect
APCD Rule 353	Adhesives and Sealants	Maintenance Operat	ions	Yes	In Effect
APCD Rule 359	Flares and Thermal Oxidizers	Flares		Yes	In Effect
APCD Rule 360	Emissions of Oxides of Nitrogen From Large Water Heaters and Small Boilers	Water heaters, boile generators or process a rated heat input cap than or equal to 75,00 up to and including 2 Btu/hr	heaters with acity greater 0 Btu/hour	Yes	In Effect
APCD Rule 505.A,B1,D	Breakdown Conditions	All Emission Units		Yes	In Effect
APCD Rule 603	Emergency Episode Plans	Entire Source		Yes	In Effect
APCD Regulation VIII	New Source Review	Entire Source		Yes	In Effect
APCD Regulation XIII	Part 70 Operating Permits	Entire Source		Yes	In Effect
40 CFR Parts 51/52	New Source Review (Nonattainment Area Review and Prevention of Significant Deterioration)	Entire Source		Yes	In Effect
40 CFR Part 60 Subpart A	New Source Performance Standards	Entire Source		Yes	In Effect
40 CFR Part 60 Subpart Kb		Storage vessels for pe liquids constructed on prior to July 23, 1984	modified	Exempt there are no tanks at the Arellanes Lease	In Effect
-		Any new or replacem constructed or modifi 23, 1984		Yes	In Effect

			T		
APCD:				► APCD USE	ONLY <.
Santa Barbara Coun	ty Air Pollution Control	District	APCD IDS	Processing ID:	
COMPANY NAME:	Pacific Coast Energy Act	quisitions, LLC	SOURCE N	AME: Morganti Leas	e Casmalia
Applicable Federal Requirement ¹	Affected Emission Unit	In compliance? (ye	s/no/exempt ³)	Effective Date ⁴	
40 CFR Part 60 Subpart OOOOa	Greenhouse Gas Emission Standards for Crude Oil and Natural Gas Facilities	Entire Source		Yes	In Effect
And CCR Title 17, Division 3, Chapter 1, Subchapter 10	Climate Change				
40 CFR Part 61	National Emission Standards for Hazardous Air Pollutants	All stationary recipro internal combustion		Yes	In Effect
40 CFR Part 63	Maximum Achievable Control Technology	None		Exempt per §63.760(e)(1) based on 'black oil' production	In Effect
Regulatory Reference ²	Regulation Title ²				
40 CFR Part 63 Subpart HH	National Emission Standards for Hazardous Air Pollutants (NESHAP) From Oil and Natural Gas Production Facilities	Entire Source		Exempt – Not a major source of HAP's	In Effect
40 CFR Part 63 Subpart ZZZZ	National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines	All stationary recipr internal combustion		Yes There are no ICEs at NR Bonetti Lease	In Effect
40 CFR Part 64	Compliance Assurance Monitoring	Emission units with device used to compl emission standard		Exempt – no control devices used to comply with an emission standard	In Effect
40 CFR Part 70	Operating Permits	Entire Source		Yes	In Effect

- 1 Review APCD SIP Rules, NSPS, NESHAPS, and MACTs.
- 2 Regulatory Reference is the abbreviated citation (e.g. 40 CFR 60 Subpart OOO, APCD Rule 325.H) and Title is the prosaic title (e.g. NSPS Standards of Performance for Nonmetallic Mineral Processing Plants, Crude Oil Production and Separation, Inspection)
- 3 If exempt from applicable federal requirement, include explanation for exemption.
- 4 Indicate the date during the permit term that the applicable federal requirement will become effective for the emission unit.

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Morganti Lease Casmalia

Other Applicable Federal Requirements ⁵ NOTE: PC # varies in each PTO	Affected Emission Unit	In compliance?	Effective Date
PTO 08096 Condition 1 Emission Limits	All Devices	Yes	In Effect
PTO 08096 Condition 2 Operational Restrictions	All Devices	Yes	In Effect
PTO 08096 Condition 3 Monitoring	All Devices	Yes	In Effect
PTO 08096 Condition 4 Recordkeeping	All Devices	Yes	In Effect
PTO 08096 Condition 5 Reporting	All Devices	Yes	In Effect
PTO 08096 Condition 6 Compliance with 361	2.0-5.0 MMBtu Burners	Yes	In Effect
PTO 08096 Condition 7 Facility Fugitive Hydrocarbon Emissions	All component leak paths	Yes	In Effect
PTO 08096 Condition 8 Crudfe Oil Sampling	Production tanks	Yes	In Effect
PTO 08096 Condition9 Compliance with 346s	Loading Racks	Yes	In Effect
PTO 08096 Condition 10 External Combustion	External combustion burners	Yes	In Effect
PTO 08096 Condition 11 Requirements for produced gas	All Devices	Yes	In Effect
PTO 08096 Condition 12 GHG emission standards	All Devices	Yes	In Effect
PTO 08096 Condition 13 Consistency with Analysis	All Devices	Yes	In Effect
PTO 08096 Condition 14 Equipment Maintenance	All Devices	Yes	In Effect
PTO 08096 Condition 15 Compliance	All Devices	Yes	In Effect
PTO 08096 Condition 16 Severability	All Devices	Yes	In Effect
PTO 08096 Condition 17 Conflicts between permits	All Devices	Yes	In Effect
PTO 08096 Condition 18 Access to Records	All Devices	Yes	In Effect

SBC APCD (4.03.06)

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APCD: Santa Barbara County Air Pollution Control District COMPANY NAME: Pacific Coast Energy Acquisitions, LLC		 ► APCD USE ONLY <. APCD IDS Processing ID: SOURCE NAME: Morganti Lease Casmalia 		
PTO 08096 Condition 19 Equipment ID	All Devices	Yes	In Effect	
PTO 08096 Condition 20 Emission Factor Revisions	All Devices	Yes	In Effect	
PTO 08096 Condition 21 Nuisance	All Devices	Yes	In Effect	
PTO 08096 Condition 22 Grounds for Revocation	All Devices	Yes	In Effect	
PTO 08096 Condition 23 Transfer of Owner Operator	All Devices	Yes	In Effect	
PTO 08096 Condition 24 Documents incorporated by Reference	All Devices	Yes	In Effect	
	mit conditions such as emission, opera nitations listed in all authority to cons			

*** If more than one page is used, please ensure that "Santa Barbara APCD", stationary source name and "Form 1302-11" appear on each page. ***

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Morganti Lease Casmalia

III. COMPLIANCE CERTIFICATION

Under penalty of perjury, I certify the following:

- X Based on information and belief formed after reasonable inquiry, the source identified in this application will continue to comply with the applicable federal requirement(s) with which the source is in compliance identified in form 1302-I1;
- X Based on information and belief formed after reasonable inquiry, the source identified in this application will comply with the future-effective applicable federal requirement(s) identified in form 1302-I1, on a timely basis¹;

Based on information and belief formed after reasonable inquiry, the source identified in this application is not in compliance with the applicable federal requirement(s), identified in form 1302-I1, and I have attached a compliance plan schedule.²

Signature of Responsible Official

12/15/22

- 1. Unless a more detailed schedule is expressly required by the applicable federal requirement.
- 2. At the time of expected permit issuance, if the source expects to be out of compliance with an applicable federal requirement, the applicant is required to provide a compliance schedule with this application, with the following exception. A source which is operating under a variance that is effective for less than 90 days need not submit a Compliance Schedule. For sources operating under a variance, which is in effect for more than 90 days, the Compliance Schedule is the schedule that was approved as part of the variance granted by the hearing board.

The compliance schedule shall contain a schedule of remedial measures, including an enforceable sequence of actions with milestones, leading to compliance with this applicable federal requirement. For sources operating under a variance, the compliance schedule is part of the variance granted by the hearing board. The compliance schedule shall resemble, and be at least as stringent as that contained in any judicial consent decree or administrative order to which the source is subject. For sources not operating under a variance, consult the Air Pollution Control Officer regarding procedures for obtaining a compliance schedule.

CERTIFICATION STATEMENT (Form 1302-M)

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS PROCESSING ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Morganti Lease Casmalia

Identify, by checking off below, the forms and attachments that are part of your application. If the application contains forms or attachments that are not identified below, please identify these attachments in the blank space provided below. Review the instructions if you are unsure of the forms and attachments that need to be included in a complete application.

Forms included with application	Attachments included with application
 Stationary Source Summary Form Total Stationary Source Emission For Compliance Plan Form Compliance Plan Certification Form Exempt Equipment Form Certification Statement Form List other forms or attachments APCD -01 [] check here if additional forms listed on back 	 Description of Operating Scenarios X Sample emission calculations X Fugitive emission estimates List of Applicable requirements Discussion of units out of compliance with applicable federal requirements and, if required, submit a schedule of Compliance Facility schematic showing emission points NSR Permit PSD Permit Compliance Assurance monitoring protocols Risk management verification per 112(r)

I certify under penalty of law, based on information and belief formed after reasonable inquiry, that the information contained in this application, composed of the forms and attachments identified above, are true, accurate, and complete.

I certify that I am the responsible official, as defined in SBCAPCD's Regulation XIII, Rule 1301 or USEPA's 40 CFR Part 70.

12/15/23

Signature of Responsible Official

Date

Print Name of Responsible Official: Philip Brown

Title of Responsible Official and Company Name: Chief Operations Officer

CERTIFICATION STATEMENT (Form 1302-M continued)

APCD:	► APCD USE ONLY ""
Santa Barbara County Air Pollution Control District	APCD IDS PROCESSING ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Morganti Lease Casmalia

List Other Forms or Attachments (cont.)

EXAMPLE EMISSION CALCULATIONS

ATTACHMENT A Emission Calculations

Permit Number: I Facility: I Basic Input Data Information Liquid Type If TVP is enter Is the tank heated (Y If tank is heate Is tanked to a VRS (Is this a wash tank (Will flashing losses I Breather vent press	A-1 Reeval 8096-R12 Morganti Lease ed, enter TVP temperat fes or No)? ed, enter temperature (°I Yes or No)? Yes or No)? occur (Yes or No)? ure setting range (psi)	ure (°F)	0.84 145 Yes	<u>Reference</u> Permit Application Permit Application Permit Application Permit Application	
Facility: Basic Input Data Information Liquid Type If TVP is enter If TVP is enter If tank heated (Y If tank is heated Is tanked to a VRS (Is this a wash tank (Will flashing losses Breather vent press	Morganti Lease ed, enter TVP temperat 'es or No)? ed, enter temperature (°I Yes or No)? Yes or No)? occur (Yes or No)?	ure (°F)	Crude Oil 0.84 145 Yes	Permit Application Permit Application Permit Application	
Basic Input Data Information Liquid Type If TVP is enter Is the tank heated (Y If tank is heated Is tanked to a VRS (Is this a wash tank (Will flashing losses Breather vent pressi	ed, enter TVP temperat 'es or No)? d, enter temperature (° Yes or No)? Yes or No)? occur (Yes or No)?	ure (°F)	Crude Oil 0.84 145 Yes	Permit Application Permit Application Permit Application	
Information Liquid Type If TVP is enter If TVP is enter Is the tank heated (Y If tank is heated Is tanked to a VRS (Is this a wash tank (Will flashing losses Breather vent press	ed, enter TVP temperat és or No)? ed, enter temperature (°l Yes or No)? Yes or No)? occur (Yes or No)?	ure (°F)	Crude Oil 0.84 145 Yes	Permit Application Permit Application Permit Application	
Liquid Type If TVP is enter Is the tank heated (Y If tank is heated Is tanked to a VRS (Is this a wash tank (Will flashing losses Breather vent press	ed, enter TVP temperat és or No)? ed, enter temperature (°l Yes or No)? Yes or No)? occur (Yes or No)?	ure (°F)	Crude Oil 0.84 145 Yes	Permit Application Permit Application Permit Application	
Liquid TVP If TVP is enter Is the tank heated (Y If tank is heate Is tanked to a VRS (Is this a wash tank (Will flashing losses Breather vent press	ed, enter TVP temperat és or No)? ed, enter temperature (°l Yes or No)? Yes or No)? occur (Yes or No)?	ure (°F)	0.84 145 Yes	Permit Application Permit Application	
If TVP is enter Is the tank heated (Y If tank is heated Is tanked to a VRS (Is this a wash tank (Will flashing losses Breather vent press	ed, enter TVP temperat és or No)? ed, enter temperature (°I Yes or No)? Yes or No)? occur (Yes or No)?	ure (°F) F)	145 Yes	Permit Application	
Is the tank heated (Y If tank is heate Is tanked to a VRS (Is this a wash tank (Will flashing losses Breather vent press	Yes or No)? d, enter temperature (°l Yes or No)? Yes or No)? occur (Yes or No)?	F)	Yes		
If tank is heate Is tanked to a VRS (Is this a wash tank (Will flashing losses Breather vent press	ed, enter temperature (°l Yes or No)? Yes or No)? occur (Yes or No)?	F)		Permit Application	
Is tanked to a VRS (Is this a wash tank (Will flashing losses Breather vent press	Yes or No)? Yes or No)? occur (Yes or No)?	······	145	and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second se	
ls this a wash tank (Will flashing losses Breather vent press	Yes or No)? occur (Yes or No)?	····· `		Permit Application	
Will flashing losses Breather vent press	occur (Yes or No)?			Permit Application	
Breather vent press	. ,			Permit Application	
· ·	ure setting range (psi)			Permit Application	
			0.06	Permit Application (default of 0.06 psi)	
Tank Data					
Information		-	Value	<u>Reference</u>	
Diameter (feet)			37.6	Permit Application	
Capacity (barrels)			5,000	Permit Application	
Capacity (gallons)	·····		210,000	Calculated Value	
Roof Type (Enter C	if Conical, or D if Dome	Roof)	С	Permit Application	
Shell Height (feet)			24	Permit Application	
Roof Height		······	1	Permit Application (default of 1 foot)	
Average Liquid Heigl	nt (feet)		23	Calculated Value	
Tank Paint Color		I	Medium Gray	Permit Application	
Condition (Enter 1 if	Good, or 2 if Poor)	······	1	Permit Application (default of 0.06 psi)	
Jpstream pressure	(psi)		0.06	Permit Application (0 psi when no flashing loses occu	r)
Liquid Data					
Information			Value	Reference	
	oughput (barrels per day	-		Permit Application	
	roughput (gallons)			Calculated Value	
				RVP Matrix	
API Gravity (°)		······································	10.3	Permit Application	
Vapor Recovery Sy	ystem Data				
Information			Value	Reference	
	tem Long Term Efficier	-		SBCAPCD	
	tem Short Term Efficier	-		SBCAPCD	
Tank ROC Potentia	al to Emit				
	Uncontrolled Potential to Emit			Potential to Emit	
		TPY	lb/day	TPY	
Breathing Losses		0.01	0.00	0.00	
Working Losses		0.00	0.00	0.00	
Flashing Losses		0.00	0.00	0.00	
Total	0.05	0.01	0.00	0.00	
Processed By:	KMB			Date: 14-Mar-22	

ATTACHMENT A Emission Calculations

Permit Number: F Facility: N Basic Input Data Information Liquid Type If TVP is entere Is the tank heated (Ye If tank is heated Is tanked to a VRS (Y Is this a wash tank (Y Will flashing losses c	-2 eeval 8096-R12 lorganti Lease d, enter TVP temperature (°F) is or No)? es or No)? es or No)? ccur (Yes or No)? re setting range (psi)	0.84 145 145 Yes No No	ReferencePermit ApplicationPermit Application (default of 0.06 psi)	
Facility: M Basic Input Data Information Liquid Type If TVP is entered If TVP is entered If tank is heated (Ye If tank is heated If tank is heated (Ye Is this a wash tank (Y Will flashing losses of Breather vent pressu	brganti Lease d, enter TVP temperature (°F) is or No)? d, enter temperature (°F) es or No)? es or No)? ccur (Yes or No)?	Crude Oil 0.84 145 Yes 145 Yes No No	Permit Application Permit Application Permit Application Permit Application Permit Application Permit Application Permit Application	
Information Liquid Type If TVP is entered If TVP is entered If tank heated (Y% If tank is heated If tank is heated If tank is heated Is tanked to a VRS (Y Is this a wash tank (Y Will flashing losses of Breather vent pressu	d, enter TVP temperature (°F) s or No)? d, enter temperature (°F) es or No)? es or No)? ccur (Yes or No)?	Crude Oil 0.84 145 Yes 145 Yes No No	Permit Application Permit Application Permit Application Permit Application Permit Application Permit Application Permit Application	
iquid Type iquid TVP If TVP is entered the tank heated (Yf If tank is heated tanked to a VRS (Y to a wash tank (Y Will flashing losses of Breather vent pressu	d, enter TVP temperature (°F) s or No)? d, enter temperature (°F) es or No)? es or No)? ccur (Yes or No)?	Crude Oil 0.84 145 Yes 145 Yes No No	Permit Application Permit Application Permit Application Permit Application Permit Application Permit Application Permit Application	
iquid Type iquid TVP If TVP is entered the tank heated (Yf If tank is heated tanked to a VRS (Y to a wash tank (Y Will flashing losses of Breather vent pressu	d, enter TVP temperature (°F) s or No)? d, enter temperature (°F) es or No)? es or No)? ccur (Yes or No)?	Crude Oil 0.84 145 Yes 145 Yes No No	Permit Application Permit Application Permit Application Permit Application Permit Application Permit Application Permit Application	
Iquid TVP If TVP is entered s the tank heated (Ye If tank is heater s tanked to a VRS (Y s this a wash tank (Y Will flashing losses of Breather vent pressu	d, enter TVP temperature (°F) s or No)? d, enter temperature (°F) es or No)? es or No)? ccur (Yes or No)?	0.84 145 145 Yes No No	Permit Application Permit Application Permit Application Permit Application Permit Application Permit Application Permit Application	
If TVP is entered s the tank heated (Ye If tank is heated s tanked to a VRS (Y s this a wash tank (Y Will flashing losses of Breather vent pressu	d, enter TVP temperature (°F) s or No)? d, enter temperature (°F) es or No)? es or No)? ccur (Yes or No)?	145 Yes 145 Yes No No	Permit Application Permit Application Permit Application Permit Application Permit Application	
If tank is heater s tanked to a VRS (Y s this a wash tank (Y Will flashing losses o Breather vent pressu	l, enter temperature (°F) es or No)? es or No)? ccur (Yes or No)?	145 Yes No No	Permit Application Permit Application Permit Application Permit Application Permit Application	
s tanked to a VRS (Y s this a wash tank (Y Will flashing losses c Breather vent pressu	es or No)? es or No)? ccur (Yes or No)?	Yes No No	Permit Application Permit Application Permit Application	
s this a wash tank (Y Will flashing losses o Breather vent pressu	es or No)? ccur (Yes or No)?	No No	Permit Application Permit Application	
Will flashing losses o Breather vent pressu	ccur (Yes or No)?	No	Permit Application	
Breather vent pressu				
	re setting range (psi)	0.06	Permit Application (default of 0.06 psi)	
Γank Data				
Information		<u>Value</u>	<u>Reference</u>	
Diameter (feet)		21.5	Permit Application	
Capacity (barrels)		1,000	Permit Application	
Capacity (gallons)			Calculated Value	
Roof Type (Enter C if	Conical, or D if Dome Roof)	C	Permit Application	
Shell Height (feet)		<mark>12</mark>	Permit Application	
0			Permit Application (default of 1 foot)	
Average Liquid Heigh	t (feet)	6	Calculated Value	
			Permit Application	
Condition (Enter 1 if (Good, or 2 if Poor)	1	Permit Application (default of 0.06 psi)	
Jpstream pressure (osi)	0.06	Permit Application (0 psi when no flashing loses occu	ır)
Liquid Data				
Information		Value	Reference	
	ighput (barrels per day)		Permit Application	
	oughput (gallons)		Calculated Value	
			RVP Matrix	
. ,			Permit Application	
√apor Recovery Sy	stem Data			
Information		<u>Value</u>	<u>Reference</u>	
	em Long Term Efficiency		SBCAPCD	
Vapor Recovery Syst	em Short Term Efficiency	95.00%	SBCAPCD	
Tank ROC Potentia	to Emit			
L	Uncontrolled Potential to E		Potential to Emit	
	lb/day TPY	lb/day	ТРҮ	
Breathing Losses	0.07 0.01	0.00	0.00	
Working Losses	4.13 0.75	0.21	0.04	
Flashing Losses	0.00 0.00	0.00	0.00	
Total	4.20 0.77	0.21	0.04	
Processed By: K	MB		Date: 14-Mar-22	

ATTACHMENT A Emission Calculations

				ALCULATIONS	(Ver. 4.0)
Attachment:	A-3				
Permit Number:	Reeval 8096-R12	2			
Facility:	Morganti Lease				
Basic Input Data					
nformation			<u>Value</u>	<u>Reference</u>	
				Permit Application	
•				Permit Application	
		mperature (°F)		Permit Application	
,	,			Permit Application	
		ture (°F)		Permit Application	
	, ,			Permit Application	
	· /			Permit Application	
-)?		Permit Application	(defeuth of 0.00 mol)
sreather vent press	sure setting range	(psi)	. 0.06	Permit Application	(default of 0.06 psi)
Tank Data					
Information			Value	Reference	
· · · ·				Permit Application	
				Permit Application	
				Calculated Value	
		Dome Roof)		Permit Application	
				Permit Application	(1-5-1)
				Permit Application	(detault of 1 toot)
-					
Average Liquid Heig	pht (feet)		8	Calculated Value	
Average Liquid Heig Tank Paint Color	Jht (feet)		8 Medium Gray	Calculated Value Permit Application	(default of 0.06 psi)
Average Liquid Heig Tank Paint Color Condition (Enter 1 it	ht (feet) f Good, or 2 if Poc		8 . Medium Gray . 1	Calculated Value Permit Application Permit Application	(default of 0.06 psi) (0 psi when no flashing loses occur)
Average Liquid Heig Tank Paint Color Condition (Enter 1 ii Upstream pressure	ht (feet) f Good, or 2 if Poc	r)	8 . Medium Gray . 1	Calculated Value Permit Application Permit Application	
Average Liquid Heig Tank Paint Color Condition (Enter 1 il Upstream pressure	ht (feet) f Good, or 2 if Poc	r)	8 Medium Gray .1 .0.06	Calculated Value Permit Application Permit Application Permit Application	
Average Liquid Heig Tank Paint Color Condition (Enter 1 it Upstream pressure Liquid Data	jht (feet) f Good, or 2 if Poc (psi)	pr)	8 . Medium Gray .1 . 0.06 <u>Value</u>	Calculated Value Permit Application Permit Application Permit Application	
Average Liquid Heig Tank Paint Color Condition (Enter 1 it Upstream pressure Liquid Data Information Maximum Daily Thr	jht (feet) f Good, or 2 if Poc (psi)	per day)	8 . Medium Gray .1 . 0.06	Calculated Value Permit Application Permit Application Permit Application	
Average Liquid Heig Tank Paint Color Condition (Enter 1 it Upstream pressure Liquid Data Information Maximum Daily Thr Maximum Annual Th	if (feet) f Good, or 2 if Poc (psi) oughput (barrels p hroughput (gallons	pr)	8 . Medium Gray .1 . 0.06	Calculated Value Permit Application Permit Application Permit Application	
Average Liquid Heig Tank Paint Color Condition (Enter 1 it Upstream pressure Liquid Data Information Maximum Daily Thr Maximum Annual TI RVP (psi)	if (feet) f Good, or 2 if Poc (psi) oughput (barrels p hroughput (gallons	per day)s)	8 Medium Gray .1 .0.06 	Calculated Value Permit Application Permit Application Permit Application Reference Permit Application Calculated Value	
Average Liquid Heig Tank Paint Color Condition (Enter 1 it Upstream pressure Liquid Data Information Maximum Daily Thr Maximum Annual TI RVP (psi) API Gravity (°)	iht (feet) f Good, or 2 if Poc (psi) oughput (barrels p hroughput (gallons	per day)	8 Medium Gray .1 .0.06 	Calculated Value Permit Application Permit Application Permit Application Reference Permit Application Calculated Value RVP Matrix	
Average Liquid Heig Tank Paint Color Condition (Enter 1 it Upstream pressure Liquid Data Information Maximum Daily Thr Maximum Annual Ti RVP (psi) API Gravity (°) Vapor Recovery S	iht (feet) f Good, or 2 if Poc (psi) oughput (barrels p hroughput (gallons	per day)	8 Medium Gray .1 . 0.06 	Calculated Value Permit Application Permit Application Permit Application Permit Application Calculated Value RVP Matrix Permit Application	
Average Liquid Heig Tank Paint Color Condition (Enter 1 it Upstream pressure Liquid Data Maximum Daily Thr Maximum Annual Th RVP (psi) API Gravity (°) Vapor Recovery S Information	iht (feet) f Good, or 2 if Poo (psi) oughput (barrels p hroughput (gallons	per day)s)	8 . Medium Gray .1 . 0.06 	Calculated Value Permit Application Permit Application Permit Application Permit Application Calculated Value RVP Matrix Permit Application RVP Matrix	
Average Liquid Heig Tank Paint Color Condition (Enter 1 it Upstream pressure Liquid Data Information Maximum Daily Thr Maximum Annual TIR RVP (psi) API Gravity (°) Vapor Recovery S Vapor Recovery Sy	iht (feet) f Good, or 2 if Poo (psi) oughput (barrels p hroughput (gallons tystem Data stem Long Term	per day)s)	8 Medium Gray .1 .0.06 	Calculated Value Permit Application Permit Application Permit Application Permit Application Calculated Value RVP Matrix Permit Application RVP Matrix Permit Application	
Average Liquid Heig Tank Paint Color Condition (Enter 1 it Upstream pressure Liquid Data Information Maximum Daily Thr Maximum Annual TIR RVP (psi) API Gravity (°) Vapor Recovery S Vapor Recovery Sy	iht (feet) f Good, or 2 if Poo (psi) oughput (barrels p hroughput (gallons tystem Data stem Long Term	per day)s)	8 Medium Gray .1 .0.06 	Calculated Value Permit Application Permit Application Permit Application Permit Application Calculated Value RVP Matrix Permit Application RVP Matrix	
Average Liquid Heig Tank Paint Color Condition (Enter 1 it Upstream pressure Liquid Data Information Maximum Annual TI RVP (psi) API Gravity (°) Vapor Recovery Sy Vapor Recovery Sy Vapor Recovery Sy	iht (feet) f Good, or 2 if Poc (psi) oughput (barrels p hroughput (gallons system Data stem Long Term I stem Short Term	per day)s)	8 Medium Gray .1 .0.06 	Calculated Value Permit Application Permit Application Permit Application Permit Application Calculated Value RVP Matrix Permit Application RVP Matrix Permit Application	
Average Liquid Heig Tank Paint Color Condition (Enter 1 it Upstream pressure Liquid Data Maximum Daily Thr Maximum Annual Th RVP (psi) API Gravity (°) Vapor Recovery S Vapor Recovery Sy	int (feet) f Good, or 2 if Poo (psi) oughput (barrels p hroughput (gallons ystem Data stem Long Term I stem Short Term ial to Emit Uncontrolled	er day) ber day) s) Efficiency Efficiency Potential to Emit	8 . Medium Gray . 1 . 0.06 . 400 . 6.132E+06 . 0.38596 . 10.3 <u>Value</u> .95.00% . 95.00%	Calculated Value Permit Application Permit Application Permit Application Calculated Value RVP Matrix Permit Application RVP Matrix Permit Application SBCAPCD SBCAPCD SBCAPCD	
Average Liquid Heig Tank Paint Color Condition (Enter 1 it Upstream pressure Liquid Data Information Maximum Daily Thr Maximum Annual Th Naximum Annual Th RVP (psi) API Gravity (°) Vapor Recovery Sy Vapor Recovery Sy Vapor Recovery Sy Vapor Recovery Sy Tank ROC Potenti	iht (feet) f Good, or 2 if Poc (psi) oughput (barrels p hroughput (gallons ystem Data stem Long Term I stem Short Term ial to Emit Uncontrolled Ib/day	er day) s) Efficiency Efficiency Potential to Emit TPY	8 Medium Gray .1 . 0.06 .400 .6.132E+06 .0.38596 .10.3 .10.3 .95.00% .95.00%	Calculated Value Permit Application Permit Application Permit Application Calculated Value RVP Matrix Permit Application <u>Reference</u> SBCAPCD SBCAPCD SBCAPCD	
Average Liquid Heig Tank Paint Color Condition (Enter 1 it Upstream pressure Liquid Data Information Maximum Daily Thr Maximum Annual Th RVP (psi) API Gravity (°) Vapor Recovery Sy Vapor Recovery Sy Vapor Recovery Sy Vapor Recovery Sy Tank ROC Potent Breathing Losses	iht (feet) f Good, or 2 if Poc (psi) oughput (barrels p hroughput (gallons system Data stem Long Term l stem Short Term ial to Emit Uncontrolled Ib/day 0.17	er day) s) Efficiency Efficiency Potential to Emit TPY 0.03	8 Medium Gray .1 .0.06 .400 .6.132E+06 .0.38596 .10.3 .10.3 <u>Value</u> .95.00% .95.00% .95.00%	Calculated Value Permit Application Permit Application Permit Application Calculated Value RVP Matrix Permit Application <u>Reference</u> SBCAPCD SBCAPCD SBCAPCD SBCAPCD	
Average Liquid Heig Tank Paint Color Condition (Enter 1 it Upstream pressure Liquid Data Information Maximum Daily Thr Maximum Annual TI RVP (psi) API Gravity (°) Vapor Recovery Sy Vapor Recovery Sy Vapor Recovery Sy Tank ROC Potenti Breathing Losses Working Losses	iht (feet) f Good, or 2 if Poc (psi) oughput (barrels p hroughput (gallons system Data stem Long Term I stem Short Term ial to Emit Uncontrolled Ib/day 0.17 6.47	er day) EfficiencyEfficiency Potential to Emit TPY 0.03 1.18	8 Medium Gray .1 .0.06 	Calculated Value Permit Application Permit Application Permit Application Calculated Value RVP Matrix Permit Application <u>Reference</u> SBCAPCD SBCAPCD SBCAPCD SBCAPCD	
Average Liquid Heig Tank Paint Color Condition (Enter 1 it Upstream pressure Liquid Data Information Maximum Daily Thr Maximum Annual TI RVP (psi) API Gravity (°) Vapor Recovery Sy Vapor Recovery Sy Vapor Recovery Sy Tank ROC Potenti Breathing Losses Working Losses Flashing Losses	int (feet) f Good, or 2 if Poc (psi) oughput (barrels p hroughput (gallons system Data stem Long Term I stem Short Term ial to Emit Uncontrolled Ib/day 0.17 6.47 0.00	per day) Efficiency Efficiency Efficiency Potential to Emit TPY 0.03 1.18 0.00	8 Medium Gray .1 .0.06 	Calculated Value Permit Application Permit Application Permit Application Calculated Value RVP Matrix Permit Application Calculated Value RVP Matrix Permit Application <u>Reference</u> SBCAPCD SBCAPCD SBCAPCD SBCAPCD	
Average Liquid Heig Tank Paint Color Condition (Enter 1 it Upstream pressure Liquid Data Information Maximum Daily Thr Maximum Annual TI RVP (psi) API Gravity (°) Vapor Recovery Sy Vapor Recovery Sy Vapor Recovery Sy Tank ROC Potenti Breathing Losses Working Losses	iht (feet) f Good, or 2 if Poc (psi) oughput (barrels p hroughput (gallons system Data stem Long Term I stem Short Term ial to Emit Uncontrolled Ib/day 0.17 6.47	er day) EfficiencyEfficiency Potential to Emit TPY 0.03 1.18	8 Medium Gray .1 .0.06 	Calculated Value Permit Application Permit Application Permit Application Calculated Value RVP Matrix Permit Application <u>Reference</u> SBCAPCD SBCAPCD SBCAPCD SBCAPCD	

ATTACHMENT A Emission Calculations

Permit Number: F Facility: M Basic Input Data Information Liquid Type If TVP is enterd Is the tank heated (Y If tank is heated Is this a wash tank () Will flashing losses of Breather vent pressu Tank Data Information Diameter (feet) Capacity (barrels)	↓4 Reeval 8096-R12 //organti Lease ed, enter TVP temperature (°F)es or No)?	0.5 67 No No No No 0.06 <u>Value</u> 15.5	Reference Permit Application Permit Application (default of 0.06 psi)	
Information Liquid Type If TVP is entern If TVP is entern If tank is heated (Yi If tank is heated to a VRS () Is this a wash tank () Will flashing losses of Breather vent pressu Tank Data Information Diameter (feet) Capacity (barrels)	ed, enter TVP temperature (°F) es or No)? /es or No)? /es or No)? occur (Yes or No)? ire setting range (psi)	Crude Oil 0.5 67 No No No No No 0.06 <u>Value</u> 15.5	Permit Application Permit Application Permit Application Permit Application Permit Application Permit Application Permit Application Permit Application Permit Application Permit Application (default of 0.06 psi)	
Liquid Type If TVP is entern If TVP is entern If tank heated (Yi If tank is heate Is tanked to a VRS (` Is this a wash tank (` Will flashing losses (` Breather vent pressu Tank Data Information Diameter (feet) Capacity (barrels)	ed, enter TVP temperature (°F) es or No)? /es or No)? /es or No)? occur (Yes or No)? ire setting range (psi)	Crude Oil 0.5 67 No No No No No 0.06 <u>Value</u> 15.5	Permit Application Permit Application Permit Application Permit Application Permit Application Permit Application Permit Application Permit Application Permit Application Permit Application (default of 0.06 psi)	
Liquid Type If TVP is entern If TVP is entern If tank heated (Yi If tank is heate Is tanked to a VRS (` Is this a wash tank (` Will flashing losses (` Breather vent pressu Tank Data Information Diameter (feet) Capacity (barrels)	ed, enter TVP temperature (°F) es or No)? /es or No)? /es or No)? occur (Yes or No)? ire setting range (psi)	Crude Oil 0.5 67 No No No No No 0.06 <u>Value</u> 15.5	Permit Application Permit Application Permit Application Permit Application Permit Application Permit Application Permit Application Permit Application Permit Application Permit Application (default of 0.06 psi)	
Liquid TVP If TVP is enterd Is the tank heated (Y If tank is heated Is tanked to a VRS (Y Is this a wash tank (Y Will flashing losses of Breather vent pressu Tank Data Information Diameter (feet) Capacity (barrels)	ed, enter TVP temperature (°F) es or No)? /es or No)? /es or No)? occur (Yes or No)? ire setting range (psi)	0.5 67 No No No No 0.06 <u>Value</u> 15.5	Permit Application Permit Application Permit Application Permit Application Permit Application Permit Application Permit Application Permit Application (default of 0.06 psi)	
Is the tank heated (Yi If tank is heate Is tanked to a VRS (\ Is this a wash tank (\ Will flashing losses of Breather vent pressu Tank Data Information Diameter (feet) Capacity (barrels)	es or No)? d, enter temperature (°F) /es or No)? /es or No)? occur (Yes or No)? rre setting range (psi)	No No No No 0.06 <u>Value</u> 15.5	Permit Application Permit Application Permit Application Permit Application Permit Application Permit Application (default of 0.06 psi)	
If tank is heate Is tanked to a VRS (\ Is this a wash tank (\ Will flashing losses of Breather vent pressu Tank Data Information Diameter (feet) Capacity (barrels)	d, enter temperature (°F) /es or No)? /es or No)? pccur (Yes or No)? re setting range (psi)	N/A No No 0.06 <u>Value</u> 15.5	Permit Application Permit Application Permit Application Permit Application Permit Application (default of 0.06 psi)	
Is tanked to a VRS (\ Is this a wash tank (\ Will flashing losses of Breather vent pressu Tank Data Information Diameter (feet) Capacity (barrels)	/es or No)? /es or No)? occur (Yes or No)? re setting range (psi)	No No 0.06 <u>Value</u> 15.5	Permit Application Permit Application Permit Application Permit Application (default of 0.06 psi)	
Is this a wash tank (Will flashing losses of Breather vent pressu Tank Data Information Diameter (feet) Capacity (barrels)	/es or No)? occur (Yes or No)? re setting range (psi)	No No 0.06 <u>Value</u> 15.5	Permit Application Permit Application Permit Application (default of 0.06 psi)	
Will flashing losses of Breather vent pressu Tank Data Information Diameter (feet) Capacity (barrels)	occur (Yes or No)?	No 0.06 <u>Value</u> 15.5	Permit Application Permit Application (default of 0.06 psi)	
Breather vent pressu Tank Data Information Diameter (feet) Capacity (barrels)	rre setting range (psi)	0.06 <u>Value</u> 15.5	Permit Application (default of 0.06 psi)	
Tank Data Information Diameter (feet) Capacity (barrels)		<u>Value</u> 15.5	Reference	
<i>Information</i> Diameter (feet) Capacity (barrels)		15.5		
Diameter (feet) Capacity (barrels)		15.5		
Capacity (barrels)			Permit Application	
		750	r onner ppiloadon	
Capacity (gallons)			Permit Application	
	•••••		Calculated Value	
•••	f Conical, or D if Dome Roof)		Permit Application	
Shell Height (feet)		24	Permit Application	
			Permit Application (default of 1 foot)	
	t (feet)		Calculated Value	
		· · · · · · · · · · · · · · · · · · ·	Permit Application	
	Good, or 2 if Poor)		Permit Application (default of 0.06 psi)	
Jpstream pressure (psi)	0.06	Permit Application (0 psi when no flashing loses oc	our)
Liquid Data				
Information		Value	Reference	
	ughput (barrels per day)		Permit Application	
-	roughput (gallons)		Calculated Value	
			RVP Matrix	
API Gravity (°)		20	Permit Application	
Vapor Recovery Sy	stem Data			
Information		Value	Reference	
	tem Long Term Efficiency		SBCAPCD	
vapor Recovery Sys	tem Short Term Efficiency	95.00%	SBCAPCD	
Tank ROC Potentia	I to Emit			
	Uncontrolled Potential to Emit		Potential to Emit	
	Ib/day TPY	lb/day	TPY	
Breathing Losses	0.73 0.13	0.73	0.13	
Working Losses	3.13 0.57	3.13	0.57	
Flashing Losses	0.00 0.00	0.00	0.00	
Total	3.86 0.70	3.86	0.70	
Processed By:	(MB		Date: 14-Mar-22	

ATTACHMENT A Emission Calculations

ttachment: A-5 ermit Number: Reeval 8096-R12 acility: Morganti Lease									
acility Information									
iacility Type (Enter X Where Appropriate) Production Field	Gas Processing Plant		Refinery		Offshore Platform				
Gas/Condensate Service Component									
Component Type	Component Count	THC Emission Factor (lb/day-clp)*	ROC/THC Ratio	Uncontrolled ROC Emission (lb/day)	Control Efficiency ^{b,c}	Controlled ROC Emission (lb/hr)	Controlled ROC Emission (lb/day)	Controlled ROC Emission (Tons/Qtr)	Controlled ROC Emission (Tons/Yr
alves - Accessible/Inaccessible	65	0.295	0.31	5.94	0.80	0.05	1.19	0.05	0.22
/aives - Unsafe	0	0.295	0.31	0.00	0.00	0.00	0.00	0.00	0.00
/alves Bellows	0	0,295	0.31	0.00	0.90	0.00	0.00	0.00	0.00
alves - Bellows / Background ppmv	0	0.295	0.31	0.00	1.00	0.00	0.00	0.00	0.00
alves - Category A	0	0.295	0.31	0.00	0.84	0.00	0.00	0.00	0.00
alves - Category B /alves - Category C	0	0.295	0.31	0.00	0.85	0.00	0.00	0.00	0.00
alves - Category D	0	0.295	0.31	0.00	0.87	0.00	0.00	0.00	0.00
alves - Category E	0	0.295	0.31	0.00	0.88	0.00	0.00	0.00	0.00
alves - Category F	0	0,295	0.31	0.00	0.90	0.00	0.00	0.00	0.00
alves - Category G	0	0.295	0.31	0.00	0.92	0.00	0.00	0.00	0.00
langes/Connections - Accessible/Inaccessible	256	0.070	0.31	5.56	0.80	0.05	1.11	0.05	0.20
anges/Connections - Unsafe	0	0.070	0.31	0.00	0.00	0.00	0.00	0.00	0.00
anges/Connections - Category A	0	0.070	0.31	0.00	0.84	0.00	0.00	0.00	0.00
anges/Connections - Category B	0	0.070	0.31	0.00	0.85	0.00	0.00	0.00	0.00
anges/Connections - Category C anges/Connections - Category D	0	0.070	0.31	0.00	0.87	0.00	0.00	0.00	0.00
anges/Connections - Category D anges/Connections - Category E	0	0.070	0.31	0.00	0.87	0.00	0.00	0.00	0.00
anges/Connections - Category E	0	0.070	0.31	0.00	0.90	0.00	0.00	0.00	0.00
langes/Connections - Category G	0	0.070	0.31	0.00	0.92	0.00	0.00	0.00	0.00
compressor Seals - To Atm	1	2,143	0.31	0.66	0.80	0.01	0.13	0.01	0.02
Compressor Seals - To VRS	0	2,143	0.31	0.00	1.00	0.00	0.00	0.00	0.00
SV - To Atm/Flare	2	6.670	0.31	4.14	0.80	0.03	0.83	0.04	0.15
PSV - To VRS	0	6.670	0.31	0.00	1.00	0.00	0.00	0.00	0.00
Pump Seals - Single	0	1.123	0.31	0.00	0.80	0.00	0.00	0.00	0.00
Pump Seals - Dual/Tandem	0	1.123	0.31	0.00	1.00	0.00	0.00	0.00	0.00
Gas Condensate Subtotals	324			16.30		0.14	3.26	0.15	0.59
Dil Service Components	Component Count	THC Emission Factor (lb/day-clp) ^a	ROC/THC Ratio	Uncontrolled ROC Emission (lb/day)	Control Efficiency ^{b,c}	Controlled ROC Emission (lb/hr)	Controlled ROC Emission (lb/day)	Controlled ROC Emission (Tons/Qtr)	Controlled ROC Emission (Tons/Yr
/alves - Accessible/Inaccessible	45	0.004	0.56	0.10	0.80	0.00	0.02	0.00	0.00
/alves - Unsafe	0	0.004	0.56	0.00	0.00	0.00	0.00	0.00	0.00
alves - Bellows	0	0.004	0.56	0.00	1.00	0.00	0.00	0.00	0.00
	0		0.56				0.00	0.00	0.00
		0.004			0.84				
alves - Category A	0	0.004		0.00	0.84	0.00			0.00
alves - Category A alves - Category B		0.004 0.004 0.004	0.56	0.00	0.84 0.85 0.87	0.00 0.00 0.00	0.00	0.00	0.00
alves - Category A alves - Category B alves - Category C alves - Category D	0	0.004	0.56	0.00	0.85	0.00	0.00	0.00	
alves - Category A alves - Category B alves - Category C alves - Category D alves - Category F	0 0 0 0	0.004 0.004 0.004 0.004	0.56 0.56 0.56 0.56	0.00 0.00 0.00 0.00	0.85 0.87 0.87 0.88	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00	0.00 0.00 0.00
alves - Category A alves - Category B alves - Category C alves - Category D alves - Category F alves - Category F	0 0 0 0 0	0.004 0.004 0.004 0.004 0.004	0.56 0.56 0.56 0.56 0.56	0.00 0.00 0.00 0.00 0.00	0.85 0.87 0.87 0.88 0.90	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00
ahes - Category A ahes - Category B ahes - Category C ahes - Category C ahes - Category E ahes - Category F ahes - Category G	0 0 0 0 0 0	0.004 0.004 0.004 0.004 0.004 0.004	0.56 0.56 0.56 0.56 0.56 0.56	0.00 0.00 0.00 0.00 0.00 0.00	0.85 0.87 0.87 0.88 0.90 0.92	0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00
ahes - Category A ahes - Category B ahes - Category C ahes - Category D ahes - Category D ahes - Category F ahes - Category F ahes - Category G anges/Connections - Accessible haccessible	0 0 0 0 0 0 130	0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.002	0.56 0.56 0.56 0.56 0.56 0.56 0.56	0.00 0.00 0.00 0.00 0.00 0.00 0.15	0.85 0.87 0.87 0.88 0.90 0.92 0.80	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00
alves - Category A alves - Category B alves - Category C alves - Category D alves - Category D alves - Category F alves - Category F alves - Category G langes/Connections - Accessible/Inaccessible langes/Connections - Unsafe	0 0 0 0 0 0 130 0	0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.002 0.002	0.56 0.56 0.56 0.56 0.56 0.56 0.56 0.56	0.00 0.00 0.00 0.00 0.00 0.00 0.15 0.00	0.85 0.87 0.87 0.88 0.90 0.92 0.80 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.01 0.00
alwes - Category A alwes - Category B alwes - Category C alwes - Category C alwes - Category F alwes - Category F alwes - Category F alwes - Category G anges/Connections - Accessible/haccessible anges/Connections - Category A	0 0 0 0 0 0 130 0 0	0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.002 0.002 0.002	0.56 0.56 0.56 0.56 0.56 0.56 0.56 0.56	0.00 0.00 0.00 0.00 0.00 0.00 0.15 0.00 0.00	0.85 0.87 0.87 0.88 0.90 0.92 0.80 0.00 0.84	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.03 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.01 0.00 0.00
ahes - Category A ahes - Category B ahes - Category C ahes - Category C ahes - Category D ahes - Category F ahes - Category F ahes - Category G anges/Connections - Accessible/Inaccessible anges/Connections - Linsafe anges/Connections - Category A anges/Connections - Category B	0 0 0 0 0 0 130 0	0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.002 0.002 0.002 0.002	0.56 0.56 0.56 0.56 0.56 0.56 0.56 0.56	0.00 0.00 0.00 0.00 0.00 0.00 0.15 0.00	0.85 0.87 0.87 0.88 0.90 0.92 0.80 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.01 0.00
alves - Category A alves - Category C alves - Category C alves - Category C alves - Category F alves - Category F alves - Category F alves - Category G anges/Connections - Accessible/Inaccessible langes/Connections - Category A anges/Connections - Category A anges/Connections - Category C	0 0 0 0 0 0 130 0 0 0 0 0	0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.002 0.002 0.002	0.56 0.56 0.56 0.56 0.56 0.56 0.56 0.56	0.00 0.00 0.00 0.00 0.00 0.00 0.15 0.00 0.00	0.85 0.87 0.88 0.90 0.92 0.80 0.00 0.84 0.85	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.03 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.01 0.01 0.00 0.00
alves - Category A alves - Category D alves - Category C alves - Category D alves - Category D alves - Category E alves - Category F alves - Category F alves - Category G anges/Connections - Accessible Inaccessible anges/Connections - Category A anges/Connections - Category D anges/Connections - Category D	0 0 0 0 0 0 130 0 0 0 0 0 0 0	0.004 0.004 0.004 0.004 0.004 0.004 0.004 0.002 0.002 0.002 0.002 0.002 0.002	0.56 0.56 0.56 0.56 0.56 0.56 0.56 0.56	0.00 0.00 0.00 0.00 0.00 0.15 0.00 0.00	0.85 0.87 0.88 0.90 0.92 0.80 0.00 0.84 0.85 0.87	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.00 0.00 0.03 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	0.00 0.00 0.00 0.00 0.01 0.00 0.00 0.00
alves - Category A alves - Category B alves - Category C alves - Category C alves - Category T alves - Category F alves - Category G anges/Connections - Accessible/haccessible anges/Connections - Category A anges/Connections - Category A anges/Connections - Category C anges/Connections - Category C anges/Connections - Category C anges/Connections - Category C anges/Connections - Category F anges/Connections - Category F	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.004 0.004 0.004 0.004 0.004 0.004 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.002 0.002	$\begin{array}{c} 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.56 \\ 0.$	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.85 0.87 0.88 0.90 0.92 0.80 0.92 0.80 0.92 0.80 0.84 0.85 0.87 0.87 0.87 0.88 0.90	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.00 0.00 0.00 0.00 0.01 0.01 0.00 0.00
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Date: 14-Mar-22

Processed By: KMB

ATTACHMENT A Emission Calculations

		CARBON EMISS	Page 1 of			- (1011010)
	• •					
ttachment:	A-6					
Permit Number:						
acility:	Morganti Lease					
nput Data						
acility Informatio				Value	<u>Units</u>	Reference
					wells	Permit Application
•					scf/day	Permit Application
					bbls/day	Permit Application
,	``	n default to 501)			scf/bbl	Permit Application
					degrees API	Permit Application
,		ol Vents			dimensionless wells	User Input
		ntrolled Vents			wells	Permit Application Permit Application
		Control Vents			wells	Permit Application
•		Uncontrolled Vents			wells	Permit Application
		on Factor			lb/day-well	Table Below
Lease Model	Valve Without	Fitting Without	Composite	Units		
	Ethane	Ethane	Without		_	
2	1.4921 0.6999	0.9947 0.6092	2.4868 1.3091	lbs/day-well lbs/day-well	_	
3	0.0333	0.0673	0.0890	lbs/day-well	_	
4	4.5090	2.1319	6.6409	lbs/day-well		
5	0.8628	1.9424	2.8053	lbs/day-well		
6	1.7079	2.5006	4.2085	lbs/day-well		
Aodel #2: Numbe Aodel #3: Numbe Aodel #4: Numbe Aodel #5: Numbe Aodel #6: Numbe	er of wells on lease er of wells on lease er of wells on lease er of wells on lease er of wells on lease	is less than 10 and th is between 10 and 50 is greater than 50 and is less than 10 and th is between 10 and 50 is greater than 50 and s numbers 529, 530, 5	and the GOR is le the GOR is less the GOR is greater and the GOR is g the GOR is great	ess than 500. than 500. than 500. greater than 500.		
	Potential to Emit	:	lb/day	тру		
mission Source			lb/day 13.47	2.46		
umns Wastew	is ater Tanks and We	ll Cellars ^b	37.87	6.91		
il/Water Separa	tors ^b		0.00	0.00	7	
	sors/Well Heads ^a		0.39	0.07	7	
nhanced Oil Re			0.00	0.00		
otal ROC Pote			51.73	9.44		
lotes:		luction due to Rule 331 i				

ATTACHMENT A Emission Calculations

it Type Emission Calculations					
mps, Compressors, and Well He	aads I Incontrolled Err	nission Calculations			
nps, compressors, and weir ne	aus oncontrolled Em				
	Value	Units	Reference		
mber of Wells	24	wells	Permit Application		
Ilhead Emissions	0.2328	lb-ROC/day	Calculated Value		
C from Pumps	0.0936	lb-ROC/day	Calculated Value		
C from Compressors	1.6296	lb-ROC/day	Calculated Value		
al ROC Emissions	1.96	b-ROC/day	Calculated Value		

Il Cellars, Sumps, Covered Was	stewater Lanks, and C	Dil/Water Separator	<u>s</u>		
Separation Level	Heavy Oil Service	Light Oil Service	Units		
Primary	0.0941	0.1380	b ROC/ft ² -day		
Secondary	0.0126	0.0180	lb ROC/ft ² -day		
Tertiary	0.0058	0.0087	b ROC/ft ² -day		
2		•			
	CELLARS	-		Level of Separation	
Equipment Type	Number	Total Area (ft ²)	Primary	Secondary	Tertiary
	24	768	21.68		
Well Cellars ^(a)	2	39		0.49	
	1	10		0.13	
D-ih DOO D	1 Emissions (Ib/day)	2,608	21.68	0.62	15.13 15.13
Bully Nee E			21.00	0102	13.13
			Cellars).		
			Cellars).		
COVERED WA	STEWATER TANKS	•	,	Level of Separation	Tortion
COVERED WA Equipment Type	STEWATER TANKS	Total Area (ft ²)	Primary	Level of Separation Secondary	Tertiary
COVERED WA Equipment Type Covered Wastewater	STEWATER TANKS	Total Area (ft ²) 0	,	Secondary	Tertiary
COVERED WA Equipment Type	STEWATER TANKS Number 0 0	Total Area (ft²) 0 0	Primary		
COVERED WA Equipment Type Covered Wastewater Tank ^(a)	STEWATER TANKS Number 0 0 0	Total Area (ft ²) 0	Primary 0.00	Secondary 0.00	0.00
COVERED WA Equipment Type Covered Wastewater Tank ^(a)	STEWATER TANKS Number 0 0	Total Area (ft²) 0 0	Primary	Secondary	
COVERED WA Equipment Type Covered Wastewater Tank ^(a) Daily ROC E	STEWATER TANKS Number 0 0 0	Total Area (ft²) 0 0	Primary 0.00	Secondary 0.00	0.00
COVERED WA Equipment Type Covered Wastewater Tank ^(a) Daily ROC E	STEWATER TANKS Number 0 0 0	Total Area (ft²) 0 0	Primary 0.00	Secondary 0.00	0.00
COVERED WA Equipment Type Covered Wastewater Tank ^(a) Daily ROC E	STEWATER TANKS Number 0 0 0	Total Area (ft²) 0 0	Primary 0.00	Secondary 0.00	0.00
COVERED WA Equipment Type Covered Wastewater Tank ^(a) Daily ROC E es: & 85% reduction is applied. COVERED WASTEWATER	STEWATER TANKS Number 0 0 0 missions (Ib/day)	Total Area (ft²) 0 0 0	Primary 0.00	Secondary 0.00 0.00 Level of Separation	0.00
COVERED WA Equipment Type Covered Wastewater Tank ^(a) Daily ROC E es: . 85% reduction is applied.	STEWATER TANKS Number 0 0 0 missions (Ib/day)	Total Area (ft²) 0 0 0	Primary 0.00 0.00 0.00 Primary	Secondary 0.00 0.00	0.00
COVERED WA Equipment Type Covered Wastewater Tank ^(a) Daily ROC E es: 85% reduction is applied. COVERED WASTEWATER Equipment Type	STEWATER TANKS 0 0 0 0 missions (lb/day) TANK WITH VAPOR Number 0	Total Area (ft²) 0 0 0 0 0 0 0 0 0 0 0 0 0	Primary 0.00 0.00	0.00 0.00 Level of Separation Secondary	0.00
COVERED WA Equipment Type Covered Wastewater Tank ^(a) Daily ROC E es: 85% reduction is applied. COVERED WASTEWATER Equipment Type Covered Wastewater	STEWATER TANKS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 TANK WITH VAPOR 0 2	Total Area (ft²) 0 0 0 0 0 0 0 0 0 0 0 0 701 0 709	Primary 0.00 0.00 0.00 Primary	Secondary 0.00 0.00 Level of Separation	0.00 0.00 Tertiary
COVERED WA Equipment Type Covered Wastewater Tank ^(a) Daily ROC E 85% reduction is applied. COVERED WASTEWATER Equipment Type Covered Wastewater Tank with Vapor Recovery ^(a)	STEWATER TANKS Number 0 0 0 missions (lb/day) TANK WITH VAPOR 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total Area (ft²) 0 0 0 0 0 0 0 0 0 0 0 0 0	Primary 0.00 0.00 Primary 0.00	Secondary 0.00 0.00 Level of Separation Secondary 0.45	0.00 0.00 Tertiary 0.00
COVERED WA Equipment Type Covered Wastewater Tank ^(a) Daily ROC E 85% reduction is applied. COVERED WASTEWATER Equipment Type Covered Wastewater Tank with Vapor Recovery ^(a)	STEWATER TANKS 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 TANK WITH VAPOR 0 2	Total Area (ft²) 0 0 0 0 0 0 0 0 0 0 0 0 701 0 709	Primary 0.00 0.00 0.00 Primary	0.00 0.00 Level of Separation Secondary	0.00 0.00 Tertiary
COVERED WA Equipment Type Covered Wastewater Tank ^(a) Daily ROC E es: a 85% reduction is applied. COVERED WASTEWATER Equipment Type Covered Wastewater Tank with Vapor Recovery ^(a) Daily ROC E	STEWATER TANKS Number 0 0 0 missions (lb/day) TANK WITH VAPOR 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total Area (ft²) 0 0 0 0 0 0 0 0 0 0 0 0 701 0 709	Primary 0.00 0.00 Primary 0.00	Secondary 0.00 0.00 Level of Separation Secondary 0.45	0.00 0.00 Tertiary 0.00
COVERED WA Equipment Type Covered Wastewater Tank ^(a) Daily ROC E es: x 85% reduction is applied. COVERED WASTEWATER Equipment Type Covered Wastewater Tank with Vapor Recovery ^(a) Daily ROC E	STEWATER TANKS Number 0 0 0 missions (lb/day) TANK WITH VAPOR 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total Area (ft²) 0 0 0 0 0 0 0 0 0 0 0 0 701 0 709	Primary 0.00 0.00 Primary 0.00	Secondary 0.00 0.00 Level of Separation Secondary 0.45	0.00 0.00 Tertiary 0.00
COVERED WA Equipment Type Covered Wastewater Tank ^(a) Daily ROC E es: x 85% reduction is applied. COVERED WASTEWATER Equipment Type Covered Wastewater Tank with Vapor Recovery ^(a) Daily ROC E	STEWATER TANKS Number 0 0 0 missions (lb/day) TANK WITH VAPOR 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total Area (ft²) 0 0 0 0 0 0 0 0 0 0 0 0 701 0 709	Primary 0.00 0.00 Primary 0.00	Secondary 0.00 0.00 Level of Separation Secondary 0.45	0.00 0.00 Tertiary 0.00
COVERED WA Equipment Type Covered Wastewater Tank ^(a) Daily ROC E es: 85% reduction is applied. Covered Wastewater Tank with Vapor Recovery ^(a) Daily ROC E es: 95% reduction is applied.	STEWATER TANKS Number 0 0 missions (lb/day) TANK WITH VAPOR Number 0 2 0 missions (lb/day)	Total Area (ft²) 0 0 0 0 0 0 0 0 0 0 0 0 701 0 709	Primary 0.00 0.00 Primary 0.00	Secondary 0.00 0.00 Level of Separation Secondary 0.45 0.45	0.00 0.00 Tertiary 0.00
COVERED WA Equipment Type Covered Wastewater Tank ^(a) Daily ROC E es: a 85% reduction is applied. COVERED WASTEWATER Equipment Type Covered Wastewater Tank with Vapor Recovery ^(a) Daily ROC E es: a 95% reduction is applied.	STEWATER TANKS Number 0 0 missions (lb/day) TANK WITH VAPOR 0 2 0 missions (lb/day) TER SEPARATORS	Total Area (ft²) 0 0 0 0 0 RECOVERY Total Area (ft²) 0 709 0 0	Primary 0.00 0.00 Primary 0.00 0.00	Secondary 0.00 0.00 Level of Separation Secondary 0.45 0.45 0.45	0.00 0.00 Tertiary 0.00 0.00
COVERED WA Equipment Type Covered Wastewater Tank ^(a) Daily ROC E es: A 85% reduction is applied. Covered Wastewater Tank with Vapor Recovery ^(a) Daily ROC E es: A 95% reduction is applied.	STEWATER TANKS Number 0 0 0 missions (Ib/day) TANK WITH VAPOR 0 2 0 missions (Ib/day) TER SEPARATORS Total Through	Total Area (ft²) 0 0 0 <i>RECOVERY</i> Total Area (ft²) 0 709 0 0 nput (MMgal)	Primary 0.00 0.00 Primary 0.00 0.00 0.00	Secondary 0.00 0.00 Level of Separation Secondary 0.45 0.45	0.00 0.00 Tertiary 0.00 0.00
COVERED WA Equipment Type Covered Wastewater Tank ^(a) Daily ROC E Covered Wastewater Equipment Type Covered Wastewater Tank with Vapor Recovery ^(a) Daily ROC E Covered Wastewater Tank with Vapor Recovery ^(a) Daily ROC E Covered Wastewater	STEWATER TANKS O Number O O missions (lb/day) TANK WITH VAPOR O C missions (lb/day) ER SEPARATORS Total Through 0 0 0	Total Area (ft²) 0 0 0 0 0 0 0 0 709 0 0 0 0 0 0 0 0 0 0 0 0 0	Primary 0.00 0.00 Primary 0.00 0.00	Secondary 0.00 0.00 0.00 Level of Separation Secondary 0.45 0.45 0.45 Vapor Recovery	0.00 0.00 Tertiary 0.00 0.00
COVERED WA Equipment Type Covered Wastewater Tank ^(a) Daily ROC E (es: A 85% reduction is applied. Covered Wastewater Tank with Vapor Recovery ^(a) Daily ROC E (es: A 95% reduction is applied. OiL AND WAT Equipment Type	STEWATER TANKS Number 0 0 missions (Ib/day) TANK WITH VAPOR 0 TANK WITH VAPOR 0 C missions (Ib/day) TER SEPARATORS Total Throug 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total Area (ft²) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Primary 0.00 0.00 Primary 0.00 0.00 0.00	Secondary 0.00 0.00 Level of Separation Secondary 0.45 0.45 0.45	0.00 0.00 Tertiary 0.00 0.00 0.00 0.00
Equipment Type Covered Wastewater Tank ^(a) Daily ROC E tes: A 85% reduction is applied. Covered Wastewater Tank with Vapor Recovery ^(a) Daily ROC E tes: A 95% reduction is applied. OlL AND WAT Equipment Type Oil and Water Separators ^{(a)(b)}	STEWATER TANKS Number 0 0 0 missions (lb/day) TANK WITH VAPOR 0 2 0 missions (lb/day) ER SEPARATORS Total Through 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total Area (ft²) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Primary 0.00 0.00 Primary 0.00 0.00 0.00	Secondary 0.00 0.00 0.00 Level of Separation Secondary 0.45 0.45 0.45 Vapor Recovery 0.00	0.00 0.00 Tertiary 0.00 0.00 0.00
COVERED WA Equipment Type Covered Wastewater Tank ^(a) Daily ROC E tes: A 85% reduction is applied. COVERED WASTEWATER Equipment Type Covered Wastewater Tank with Vapor Recovery ^(a) Daily ROC E tes: A 95% reduction is applied. Oll AND WAT Equipment Type Oij and Water Separators ^{(a)(b)}	STEWATER TANKS Number 0 0 missions (Ib/day) TANK WITH VAPOR 0 TANK WITH VAPOR 0 C missions (Ib/day) TER SEPARATORS Total Throug 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total Area (ft²) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Primary 0.00 0.00 Primary 0.00 0.00 0.00	Secondary 0.00 0.00 0.00 Level of Separation Secondary 0.45 0.45 0.45 Vapor Recovery	0.00 0.00 Tertiary 0.00 0.00 0.00 0.00

Notes:

a. A 85% reduction is applied for covered, 85% for connected to vapor recovery, and 0% for open top.

b. Emission Factor of 560 lb-ROC/Mmgal

Processed By: KME

Date: 14-Mar-22

ATTACHMENT A Emission Calculations

CRUDE OIL I	LOADING R	ACK EMISSIC	N CALC	CULATIONS (V	er. 4.2)
	7 eeval 8096-R12 organti Lease				
Rack Information					
<u>Rack Type</u> Submerged Loading of a Clean Cargo Tank Submerged Loading: Dedicated Normal Service Submerged Loading: Dedicated Vapor Balance Service Splash Loading of a Clean Cargo Tank Splash Loading: Dedicated Normal Service Splash Loading: Dedicated Vapor Balance Service			<u>Enter X W</u>	/here Appropriate X	<u>S Factor</u> 0.50 0.60 1.00 1.45 1.45 1.00
Input Data					
Input data Saturation Factor Molecular Weight True Vapor Pressure Liquid Temperature (' Loading Rate (bbl/hr) Storage Capacity (bb Daily Production (bbl) Annual Production (bbl) Vapor Recovery Effic ROC/THC Reactivity.	(psia) °F) I) bl) iency	50 0.840 145 160.00 4,000 800 292,000 0.95	SBCAPC Permit Ap Permit Ap Permit Ap Permit Ap Permit Ap SBCAPC	nput, AP-42 Table 4 D Default for Crude plication plication plication plication plication plication	Oil
Loading Rate Calcu <u>Calculated Informatio</u> Daily Hours Loading (Annual Hours Loading Loading Loss (Ib / 1,0	<u>n</u> (hours) g (hours)		1,825.00	<u>Reference</u> Calculated Value Calculated Value Calculated Value	
Crude Oil Loading F Controlled Poten Ib/day TPY	tial to Emit	ential to Emit 3.70 0.14			
Processed By: KN	/B		Date:	14-Mar-22	

ATTACHMENT A Emission Calculations

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ncontrolled Emission Factor
P-42, Section 1.4
ncontrolled Emission Factor ass Balance Calculation
2-42, Section 1.4
2-42, Section 1.4
P-42, Section 1.4

ATTACHMENT A Emission Calculations

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OILFIEL	D FLARE	EMISSION	CALCULA	IONS	(Ver. 2.0)	
Attachment: Permit Number: Facility:	A-9 Reeval 8096-I Morganti Leas					
Fuel Information	I					
<u>Data</u> Flare Throughput. Gas Heat Content Sulfur Content	t	1,200	<u>Units</u> MMscf/day Btu/scf ppmv as H ₂ S	Permit A	<u>ice</u> Application Application Application	
Heat Input Data						
<u>Value</u> 5.625 135.000 49,275.000	<u>Units</u> MMBtu/hour MMBtu/day MMBtu/year	<u>Reference</u> Daily divided b Permit Applica Daily times 36	ation			
Emission Factor	s					
Pollutant NO _x ROC CO SO _x PM PM ₁₀ PM _{2.5}	NO _x 0.0680 AP-42, Table 13.5-1 ROC 0.2000 District February 2016 Flare Study CO 0.3700 AP-42, Table 13.5-1 SO _x 0.1191 Mass Balance Calculation PM 0.0200 SBCAPCD PM ₁₀ 0.0200 AP-42, Chapter 1.4					
Flare Potential t	o Emit					
Pollutant	lb/day	TPY]			
NO _x	9.18	1.68	ļ			
ROC	27.00	4.93	ļ			
CO	49.95	9.12	{			
SO _x PM	16.08 2.70	2.93	ł			
	2.70	0.49	{			
PM ₁₀ PM _{2.5}	2.70	0.49	1			
Processed By:	KMB		1	Date:	14-Mar-22	

PIGGING EMISSION CALCULATIONS

PROJECT DESCRIPTION

Oil, water, and gas are produced from twenty-three wells on the Morganti Lease. Diluent is injected into the formation to enhance productivity at this facility. Additionally, production from Arellanes Lease, Muscio Lease, N.R. Bonetti Lease and Righetti Lease are piped to the central processing facility located at the Morganti Lease.

Production is initially routed to separator vessels where produced gas is separated from the produced fluids. The produced fluids are routed to the wash tank where the produced water is separated. The produced water is then routed to the wastewater tanks and re-injected into the formation via disposal wells. The oil is routed to the crude oil storage tanks then trucked from the facility via a truck loading rack.

Produced gas and gas collected by the vapor recovery system is treated for hydrogen sulfide using scrubbers and then used as fuel in the glycol reboiler or flared.

MUSCIO LEASE PTO 8980-R10 TV APPLICATION FORMS

STATIONARY SOURCE SUMMARY (Form 1302-A1)

APCD: Santa Barbara County Air Pollution Control District

COMPANY NAME: Pacific Coast Energy Acquisitions, LLC

► APCD USE ONLY -ii(

Application #:

Application Filing Fee*:

APCD IDS Processing ID:

Date Application Received: Date Application Deemed Complete:

I. SOURCE IDENTIFICATION

1.	Source Name: Muscio Lo	ease Casmalia						
2.	Four digit SIC Code: 13	11	USEPA	USEPA AIRS Plant ID (for APCD use only):				
3.	Parent Company (if diffe	erent than Source Name	e): Pacific Coast Er	ergy Acquis	itions, LLC			
4.	Mailing Address of Resp	onsible Official: 1555	Orcutt Hill Road	Orcutt, CA 9	3455			
5.	Street Address of Source	e Location (include Zip	Code):					
6.	UTM Coordinates (if rec	juired) (see instructions)):					
7.	Source located within:	50 miles of the state lin	ne	[]Yes	[X] No			
		50 miles of a Native A	merican Nation	[]Yes	[X] No	[] Not Applicable		
8.	Type of Organization:	[X] Corporation	[] Sole Owne	rship [](Government			
9.	Legal Owner's Name: Pac	[] Partnership cific Coast Energy Comp		npany				
10	. Owner's Agent Name (i	f any): Marianne Strang	e Title: Environr Consultant	nental _{Telep}	bhone #: 805-5	64-6590		
11	. Responsible Official: P	hilip Brown	Title: Chief Oper Officer	ations Telep	ohone #: 805-93	37-2576		
12	. Plant Site Manager/Con	tact: Doug Miller	Title: Sr. Produc Foreman	tion Telep	bhone #: 805-9	037-2576		
13	. Type of facility: Oil an	nd Gas						
14	. General description of p	processes/products:	Please refer to a	ttached proje	ect description			
15	. Does your facility store,	, or otherwise handle, g	reater than thresho	old quantities	s of any substa	nce on the Section 112(r)		
Lis	st of Substances and their	Thresholds (see Attach	ment A)? [] Y	Yes [X]	No			
16	. Is a Federal Risk Manag	gement Plan [pursuant te	o Section 112(r)] 1	required? [] Not Applica	able []Yes [X]No		
· ·	-	•	an is registered wi	ith appropria	te agency or d	lescription of status of Risk		
Ma Apt *	anagement Plan submittal plications submitted without	.) a filing fee will be returne	ed to the applicant in	nmediately as	"improper" sub	mittals		

STATIONARY SOURCE SUMMARY (Form 1302-A2)

APCD:	► APCD USE ONLY -<
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Muscio Lease Casmalia

II. TYPE OF PERMIT ACTION

	CURRENT PERMIT (permit number)	EXPIRATION (date)
Initial SBCAPCD's Regulation XIII Application	8980 - R10	5/2025
Permit Renewal		
Significant Permit Revision*		
Minor Permit Revision*		
Administrative Amendment		

III. DESCRIPTION OF PERMIT ACTION

1. Does the permit action requested involve:

[] Portable Source[] Voluntary Emissions Caps[] Acid Rain Source[] Alternative Operating Scenarios[] Source Subject to MACT Requirements [Section 112]

b: [X] None of the options in 1.a. are applicable

2. Is source operating under a Title V Program Compliance Schedule? [] Yes [X] No

a:

3. For permit modifications, provide a general description of the proposed permit modification:

*Requires APCD-approved NSR permit prior to a permit revision submittal

TOTAL STATIONARY SOURCE EMISSIONS (Form 1302-B)

APCD:	► APCD USE ONLY ""
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Muscio Lease Casmalia

I. TOTAL STATIONARY SOURCE EMISSIONS

Provide a brief description of operating scenario: Please refer to attached project description.

POLLUTANT * (name)	EMISSIONS (tons per year)	PRE-MODIFICATION EMISSIONS (tons per year)	EMISSIONS CHANGE ** (tons per year)
NOx	306.70		N/A
ROC	191.06	NOT APPLICABLE FOR FIRST	0.58
СО	240.36	APPLICATION SUBMITTALS	N/A
SOx	19.21		N/A
РМ	7.62		N/A
PM10	7.62		N/A
PM2.5	7.62		N/A

* Emissions for all pollutants for which the source is major and for all NSPS/MACT-regulated air pollutants must be reported. HAP emissions must be determined, and those exceeding one ton per year from any emission unit category must also be quantified; if less than one ton per year, just list the HAPs emitted by name.

** Transferring all existing Casmalia Field Stationary Source leases to Orcutt Hill Stationary Source

COATING / SOLVENT EMISSION UNIT (Form 1302-D1)

APCD:	► APCD USE ONLY <
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Orcutt Field, Muscio Lease

I. EMISSION UNIT DESCRIPTION

1. Equipment type: Solvent & Coating Rule 202 exempt for maintenance

ATC/PTO Number: 8976-R11

- 2. Equipment description:
- 3. Equipment make, model & serial number:
- 4. Maximum design process rate or throughput:
- 5. Control device(s) type and description (if any):
- 6. Description of coating/solvent application/drying method(s) employed including coating transfer: All solvent and coating emissions will be assumed on the Orcutt Hill stationary source under the Cal Coast Lease PTO 8826.
- 7. List and describe primary coating/solvent process equipment used: Mineral Spirits or similar for Lab Cuts. Coatings used for maintenance activities.

II. OPERATIONAL INFORMATION

- 1. Operating schedule: _____ hours/day _____ hours/year
- 2. Coatings/solvents information:

COATING/ SOLVENT (name)	MANUFACTURER (name)	MAXIMUM USE (gal/day, gal/yr)	VAPOR PRESSURE (mm of Hg)	SOLIDS CONTENT (%)	VOC CONTENT (%)

* Equipment may be grouped on a single form if it is of the same type and if the emissions are calculated the same way.

COATING / SOLVENT EMISSION UNIT (Form 1302-D2)

APCD:	► APCD USE ONLY <
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Muscio Lease Casmalia

3. Emissions for Emission Unit(s) described on page(s): fill in at end

CRITERIA POLLUTANT EMISSIONS (tons per year)					
POLLUTANTS	ROC				
A. Emissions	0.1				
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
OTHER REG	ULATED AIR	POLLUTANT	EMISSIONS (to	ons per year) ⁴	
POLLUTANTS					
A. Emissions					
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
1 For permit revisions only; emissions prior to project modification.					

2 Difference between Pre-Modification Emissions (Section B.) and Emissions (Section A.).

3 For voluntary emissions cap and emission limits [i.e. expressed as parts per million (ppm) corrected for dilution air, pounds per hour (lbs/hr), pounds per million BTU (lb/MMBTU, etc.] required by any applicable federal requirement.

4 HAP emissions must be determined, and those exceeding one ton per year from any emission unit category must also be quantified; if less than one ton per year, just list the HAPs emitted by name.

GENERAL EMISSION UNIT (Form 1302-F1)

APCD:	► APCD USE ONLY 4{
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Muscio Lease Casmalia

I. EMISSION UNIT DESCRIPTION

- 1. General process description: Separators
- 2. Equipment type*: Oil and Gas Separators
- 3. Equipment description*: 1 Oil & Gas Separator ATC/PTO Number: 8980-R10 (Device 100935)
- 4. Equipment make, model & serial number:
- 5. Maximum design process rate or throughput: N/A
- 6. Control device(s) type and description (if any): N/A

II. OPERATIONAL INFORMATION

- 1. Operating schedule: 24 hours/day 8760 hours/year
- 2. Exhaust gas flow rate: _____SCFM @ _____%H₂O
- 3. Raw products used and finished products produced:

RAW PRODUCT USED (name)	FEED RATE or CONSUMPTION RATE or OTHER PARAMETER**	FINISHED PRODUCTS PRODUCED (name)	PRODUCTION RATE* (lbs/hr, gal/hr, etc.)

* Equipment may be grouped on a single form if it is of the same type and if the emissions are calculated the same way.

** Choose parameters to allow determination of applicability of federal requirements (e.g. lbs/hr, gallons/hr, tons/yr)

GENERAL EMISSION UNIT (Form 1302-F2)

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Muscio Lease Casmalia

1. Emissions for Emission Units described on page(s): all emissions are fugitive and included in fugitive emissions.

CRITERIA POLLUTANT EMISSIONS (tons per year)					
POLLUTANTS					
A. Emissions					
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
OTHER REGULATED AIR POLLUTANT EMISSIONS (tons per year) ⁴					
POLLUTANTS					
A. Emissions					
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
1 For permit revisions only; emissions prior to project modification.					

2 Difference between Pre-Modification Emissions (Section B.) and Emissions (Section A.).

3 For voluntary emissions cap and emission limits [i.e. expressed as parts per million (ppm) corrected for dilution air, pounds per hour (lbs/hr), pounds per million BTU (lb/MMBTU, etc.] required by any applicable federal requirement.

4 HAP emissions must be determined, and those exceeding one ton per year from any emission unit category must also be quantified; if less than one ton per year, just list the HAPs emitted by name.

GENERAL EMISSION UNIT (Form 1302-F1)

APCD:	► APCD USE ONLY 4{
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Muscio Lease Casmalia

I. EMISSION UNIT DESCRIPTION

- 1. General process description: Oil and Gas Wellheads
- 2. Equipment type*: Oil and Gas Well
- 3. Equipment description*: 2 Producing and or idle wells
- 4. Equipment make, model & serial number:
- 5. Maximum design process rate or throughput: oil 800 bbls/day and produced gas 800,000 scf/day
- 6. Control device(s) type and description (if any):

II. OPERATIONAL INFORMATION

- 1. Operating schedule: 24 hours/day 8760 hours/year
- 2. Exhaust gas flow rate: _____ SCFM @ _____ %H₂O
- 3. Raw products used and finished products produced:

RAW PRODUCT USED (name)	FEED RATE or CONSUMPTION RATE or OTHER PARAMETER**	FINISHED PRODUCTS PRODUCED (name)	PRODUCTION RATE* (lbs/hr, gal/hr, etc.)
		Oil	800 bbls/Day
		Produced Gas	800,000 scf/Day

* Equipment may be grouped on a single form if it is of the same type and if the emissions are calculated the same way.

** Choose parameters to allow determination of applicability of federal requirements (e.g. lbs/hr, gallons/hr, tons/yr)

ATC/PTO Number: 8980-R10 (Device 002869)

GENERAL EMISSION UNIT (Form 1302-F2)

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Muscio Lease Casmalia

1. Emissions for Emission Units described on page(s): all emissions are fugitive and included in fugitive emissions.

CRITERIA POLLUTANT EMISSIONS (tons per year)					
POLLUTANTS		ROC			
A. Emissions					
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
OTHER REGULATED AIR POLLUTANT EMISSIONS (tons per year) ⁴					
POLLUTANTS					
A. Emissions					
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
1 For permit revisions only; emissions prior to project modification.					

For permit revisions only; emissions prior to project modification.
 Difference between Pre-Modification Emissions (Section B.) and Emissions (Section A.).

3 For voluntary emissions cap and emission limits [i.e. expressed as parts per million (ppm) corrected for dilution air, pounds per hour (lbs/hr), pounds per million BTU (lb/MMBTU, etc.] required by any applicable federal requirement.

4 HAP emissions must be determined, and those exceeding one ton per year from any emission unit category must also be quantified; if less than one ton per year, just list the HAPs emitted by name.

GENERAL EMISSION UNIT (Form 1302-F1)

APCD:	► APCD USE ONLY 4{
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: O Muscio Lease Casmalia

I. EMISSION UNIT DESCRIPTION

- 1. General process description: Well Cellars
- 2. Equipment type*: Well Cellars
- 3. Equipment description*: 2 well cellars, each with 36 sq. ft. of surface area ATC/PTO Number: 8980-R10 (Device 002870)
- 4. Equipment make, model & serial number:
- 5. Maximum design process rate or throughput:
- 6. Control device(s) type and description (if any):

II. OPERATIONAL INFORMATION

- 1. Operating schedule: 24 hours/day 8760 hours/year
- 2. Exhaust gas flow rate: _____ SCFM @ _____ %H₂O
- 3. Raw products used and finished products produced:

RAW PRODUCT USED (name)	FEED RATE or CONSUMPTION RATE or OTHER PARAMETER**	FINISHED PRODUCTS PRODUCED (name)	PRODUCTION RATE* (lbs/hr, gal/hr, etc.)

* Equipment may be grouped on a single form if it is of the same type and if the emissions are calculated the same way.

** Choose parameters to allow determination of applicability of federal requirements (e.g. lbs/hr, gallons/hr, tons/yr)

GENERAL EMISSION UNIT (Form 1302-F2)

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Muscio Lease Casmalia

1. Emissions for Emission Units described on previous page

CRITERIA POLLUTANT EMISSIONS (tons per year)					
POLLUTANTS	I	ROC			
A. Emissions	C).37			
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
OTHER REGULATED AIR POLLUTANT EMISSIONS (tons per year) ⁴					
POLLUTANTS					
A. Emissions					
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
1 For permit revisions only: emissions prior to project modification.					

1 For permit revisions only; emissions prior to project modification.

2 Difference between Pre-Modification Emissions (Section B.) and Emissions (Section A.).

3 For voluntary emissions cap and emission limits [i.e. expressed as parts per million (ppm) corrected for dilution air, pounds per hour (lbs/hr), pounds per million BTU (lb/MMBTU, etc.] required by any applicable federal requirement.

4 HAP emissions must be determined, and those exceeding one ton per year from any emission unit category must also be quantified; if less than one ton per year, just list the HAPs emitted by name.

GENERAL EMISSION UNIT (Form 1302-F1)

APCD:	► APCD USE ONLY 4{
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Muscio Lease Casmalia

I. EMISSION UNIT DESCRIPTION

- 1. General process description: Fugitive Hydrocarbon Components CARB KVB
- 2. Equipment type*: Component Leak Paths.
- 3. Equipment description*: Valves, flanges connections etc. ATC/PTO Number: 8980-R10 (Device 002863)
- 4. Equipment make, model & serial number: N/A
- 5. Maximum design process rate or throughput: N/A
- 6. Control device(s) type and description (if any):N/A

II. OPERATIONAL INFORMATION

- 1. Operating schedule: 24 hours/day 8760 hours/year
- 2. Exhaust gas flow rate: _____ SCFM @ _____ %H₂O
- 3. Raw products used and finished products produced:

RAW PRODUCT USED (name)	FEED RATE or CONSUMPTION RATE or OTHER PARAMETER**	FINISHED PRODUCTS PRODUCED (name)	PRODUCTION RATE* (lbs/hr, gal/hr, etc.)

* Equipment may be grouped on a single form if it is of the same type and if the emissions are calculated the same way.

** Choose parameters to allow determination of applicability of federal requirements (e.g. lbs/hr, gallons/hr, tons/yr)

GENERAL EMISSION UNIT (Form 1302-F2)

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Muscio Lease Casmalia

4. Emissions for Emission Units described on page(s): all emissions are fugitive and included in fugitive emissions.

CRITERIA POLLUTANT EMISSIONS (tons per year)					
POLLUTANTS		ROC			
A. Emissions		0.21			
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
OTHER REGULATED AIR POLLUTANT EMISSIONS (tons per year) ⁴					
POLLUTANTS					
A. Emissions					
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
1 For permit revisions only; emissions prior to project modification.					

For permit revisions only; emissions prior to project modification.
 Difference between Pre-Modification Emissions (Section B.) and Emissions (Section A.).

3 For voluntary emissions cap and emission limits [i.e. expressed as parts per million (ppm) corrected for dilution air, pounds per hour (lbs/hr), pounds per million BTU (lb/MMBTU, etc.] required by any applicable federal requirement.

4 HAP emissions must be determined, and those exceeding one ton per year from any emission unit category must also be quantified; if less than one ton per year, just list the HAPs emitted by name.

EXEMPT EMISSIONS UNITS (Form 1302-H)

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Muscio Lease Casmalia

Are you claiming any emitting activities to be insignificant? (See definition at bottom of page)

YES X NO

I. ACTIVITIES CLAIMED TO BE INSIGNIFICANT (Attach supporting calculations)

Activity	Description of Activity/Emission Units	Potential to Emit for each Pollutant
Solvents & Coatings	Lab Cuts & Facility/Equipment Maintenance	0.1 TPY ROC

Insignificant activities are defined in APCD Rule 1301 (definitions). For an activity to be considered insignificant emissions cannot exceed 2 tons per year potential to emit (PTE) any criteria pollutants, and 0.5 tons per year for any regulated HAP.

Note: Insignificant activities are not exempt from Part 70 requirements/permits.

COMPLIANCE PLAN (Form 1302-I1)

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Muscio Lease Casmalia

I. PROCEDURE FOR USING FORM 1302-I

This form shall be submitted as part of the SBCAPCD's Regulation XIII Application. The Responsible Official shall identify the applicable federal requirement(s) to which the source is subject. In the Compliance Plan (Form 1302-I), a Responsible Official shall identify whether the source identified in the SBCAPCD's Regulation XIII Application currently operates in compliance with all applicable federal requirements.

II. APPLICABLE FEDERAL REQUIREMENTS

Applicable Federal Requirement ¹		Affected Emission Unit	In compliance?	Effective	
Regulatory Reference ²	Regulation Title ²		(yes/no/exempt ³)	Date ⁴	
APCD Rule 301	Circumvention	Entire Source	Yes	In Effect	
APCD Rule 302	Visible Emissions	Entire Source	Yes	In Effect	
APCD Rule 303	Nuisance	Entire Source	Yes	In Effect	
APCD Rule 304	Particulate Matter – Northern Zone	Each PM Source	Yes	In Effect	
APCD Rule 309	Specific Contaminants	Combustion Units	Yes	In Effect	
APCD Rule 310	Odorous Organic Sulfides	Combustion Units	Yes	In Effect	
APCD Rule 311	Sulfur Content of Fuel	Combustion Units	Yes	In Effect	
APCD Rule 317	Organic Solvents	Maintenance/Wipe Cleaning	Yes	In Effect	
APCD Rule 321	Solvent Cleaning Operations	Maintenance Operations	Yes	In Effect	
APCD Rule 322	Metal Surface Coating Thinner and Reducer	Maintenance Operations	Yes	In Effect	
APCD Rule 323	Architectural Coatings - Standards	Maintenance Operations	Yes	In Effect	
APCD Rule 324	Disposal and Evaporation of Solvents	Maintenance/Wipe Cleaning	Yes	In Effect	
APCD Rule 325	Crude Oil Production and Separation	Wash Tank, crude storage tanks, wastewater tanks	Yes	In Effect	
APCD Rule 331	Fugitive Emissions Inspection & Maintenance	All components (valves, flanges, seals, compressors, and pumps) used to handle oil and gas	Yes	In Effect	
APCD Rule 333	Control of Emissions from Reciprocating IC Engines	Controlled Natural Gas (NG) fired rich burn ICEs	Yes	In Effect	

Applicable Federal Requirement ¹			In compliance?	Effective	
Regulatory Reference²	Regulation Title ²	Affected Emission Unit	(yes/no/exempt ³)	Date ⁴	
APCD Rule 343	Petroleum Storage Tank Degassing	Wash Tank, crude storage tanks, wastewater tanks	Yes	In Effect	
APCD Rule 344	Petroleum Wells, Sumps and Cellars	Well cellars, sump, wastewater pits	Yes	In Effect	
APCD Rule 346	Loading of Organic Liquids	Crude oil loading rack	Yes	In Effect	
APCD Rule 353	Adhesives and Sealants	Maintenance Operations	Yes	In Effect	
APCD Rule 359	Flares and Thermal Oxidizers	Flares	Yes	In Effect	
APCD Rule 360	Emissions of Oxides of Nitrogen From Large Water Heaters and Small Boilers	Water heaters, boilers, steam generators or process heaters with a rated heat input capacity greater than or equal to 75,000 Btu/hour up to and including 2,000,000 Btu/hr	Yes	In Effect	
APCD Rule 505.A,B1,D	Breakdown Conditions	All Emission Units	Yes	In Effect	
APCD Rule 603	Emergency Episode Plans	Entire Source	Yes	In Effect	
APCD Regulation VIII	New Source Review	Entire Source	Yes	In Effect	
APCD Regulation XIII	Part 70 Operating Permits	Entire Source	Yes	In Effect	
40 CFR Parts 51/52	New Source Review (Nonattainment Area Review and Prevention of Significant Deterioration)	Entire Source	Yes	In Effect	
40 CFR Part 60 Subpart A	New Source Performance Standards	Entire Source	Yes	In Effect	
40 CFR Part 60 Subpart Kb	Standards of Performance for Volatile Organic Liquid Storage Vessels	Storage vessels for petroleum liquids constructed or modified prior to July 23, 1984	Exempt there are no tanks at the Arellanes Lease	In Effect	
		Any new or replacement tanks constructed or modified after July 23, 1984	Yes	In Effect	
40 CFR Part 60 Subpart OOOOa	Greenhouse Gas Emission Standards for Crude Oil and Natural Gas Facilities	Entire Source	Yes	In Effect	
And CCR Title 17, Division 3, Chapter 1, Subchapter 10	Climate Change				
40 CFR Part 61	National Emission Standards for Hazardous Air Pollutants	All stationary reciprocating internal combustion engines	Yes	In Effect	
40 CFR Part 63	Maximum Achievable Control Technology	None	Exempt per §63.760(e)(1) based on 'black oil' production	In Effect	

Applicable Federal Requirement ¹		Affected Emission Unit	In compliance? (yes/no/exempt ³)	Effective Date ⁴	
Regulatory Reference²	Regulation Title ²	Anected Emission Onit	(yes/no/exempt)	Date	
40 CFR Part 63 Subpart HH	National Emission Standards for Hazardous Air Pollutants (NESHAP) From Oil and Natural Gas Production Facilities	Entire Source	Exempt – Not a major source of HAP's	In Effect	
40 CFR Part 63 Subpart ZZZZ	National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines	All stationary reciprocating internal combustion engines	Yes There are no ICEs at Arellanes Lease	In Effect	
40 CFR Part 64	e	Emission units with a control device used to comply with an emission standard	Exempt – no control devices used to comply with an emission standard	In Effect	
40 CFR Part 70	Operating Permits	Entire Source	Yes	In Effect	

1 Review APCD SIP Rules, NSPS, NESHAPS, and MACTs.

2 Regulatory Reference is the abbreviated citation (e.g. 40 CFR 60 Subpart OOO, APCD Rule 325.H) and Title is the prosaic title (e.g. NSPS Standards of Performance for Nonmetallic Mineral Processing Plants, Crude Oil Production and Separation, Inspection)

3 If exempt from applicable federal requirement, include explanation for exemption.

4 Indicate the date during the permit term that the applicable federal requirement will become effective for the emission unit.

Other Applicable Federal Requirements ⁵ NOTE: PC # varies in each PTO	Affected Emission Unit	In compliance?	Effective Date		
PTO 08980 Condition 1	All Devices	Yes	In Effect		
Emission Limits					
PTO 08980 Condition 2.a	All component leak paths	Yes	In Effect		
Fugitive Hydrocarbon Inspection &	1 1				
Maintenance Plan					
PTO 08980 Condition 2.b	Well Cellars (Device No. 002616)	Yes	In Effect		
Well Cellars					
PTO 08980Condition 3	All Devices	Yes	In Effect		
Monitoring					
PTO 08980Condition 4	All Devices	Yes	In Effect		
Recordkeeping					
PTO 08976 Condition 5	All Devices	Yes	In Effect		
Reporting					
PTO 08980 Condition 6	All Devices	Yes	In Effect		
Requirements for Produced Gas					
PTO 08980 Condition 7	All component leak paths	Yes	In Effect		
Facility Fugitive Hydrocarbon	1 1				
Emissions					
PTO 08980 Condition 8	All Devices	Yes	In Effect		
Greenhouse Gas Emissions Standards					
PTO 08980 Condition 9	All Devices	Yes	In Effect		
Consistency with Analysis		1.00			
PTO 08980 Condition 10	All Devices	Yes	In Effect		
Equipment Maintenance		105	III Elleet		
PTO 08980 Condition 11	All Devices	Yes	In Effect		
Compliance		1.00			
PTO 08980 Condition 12	All Devices	Yes	In Effect		
Severability		1.00			
PTO 08980 Condition 13	All Devices	Yes	In Effect		
Conflict Between Permits		105	III Elleet		
PTO 08980Condition 14	All Devices	Yes	In Effect		
Access to Records and Facilities		105	III Elleet		
PTO 08976 Condition 15	All Devices	Yes	In Effect		
Equipment Identification		100			
PTO 08980 Condition 16	All Devices	Yes	In Effect		
Emission Factor Revisions		100	III Ellect		
PTO 08980 Condition 17	All Devices	Yes	In Effect		
Nuisance		100			
PTO 08980 Condition 18	All Devices	Yes	In Effect		
Grounds for Revocation		105			
PTO 08980 Condition 19	All Devices	Yes	In Effect		
Transfer of Owner/Operator		100	III LIICU		
PTO 08980 Condition 20	All Devices	Yes	In Effect		
Documents Incorporated by Reference		105	III Effect		
pocuments incorporated by Reference					
 All environmentally significant permit conditions such as emission, operation, and throughput limitations or compliance monitoring conditions associated with such limitations listed in all authority to construct (ATC) permits issued to the Part 70 source are also applicable requirements. 					

*** If more than one page is used, please ensure that "Santa Barbara APCD", stationary source name and "Form 1302-I1" appear on each page. ***

COMPLIANCE PLAN (Form 1302-I2) APCD: ► APCD USE ONLY <.</th> Santa Barbara County Air Pollution Control District APCD IDS Processing ID:

III. COMPLIANCE CERTIFICATION

COMPANY NAME: Pacific Coast Energy Acquisitions, LLC

Under penalty of perjury, I certify the following:

- X Based on information and belief formed after reasonable inquiry, the source identified in this application will continue to comply with the applicable federal requirement(s) with which the source is in compliance identified in form 1302-I1;
- X Based on information and belief formed after reasonable inquiry, the source identified in this application will comply with the future-effective applicable federal requirement(s) identified in form 1302-I1, on a timely basis¹;

Based on information and belief formed after reasonable inquiry, the source identified in this application is not in compliance with the applicable federal requirement(s), identified in form 1302-I1, and I have attached a compliance plan schedule.²

P. Brow

Signature of Responsible Official

12/15/23

SOURCE NAME: Muscio Lease Casmalia

- 1. Unless a more detailed schedule is expressly required by the applicable federal requirement.
- 2. At the time of expected permit issuance, if the source expects to be out of compliance with an applicable federal requirement, the applicant is required to provide a compliance schedule with this application, with the following exception. A source which is operating under a variance that is effective for less than 90 days need not submit a Compliance Schedule. For sources operating under a variance, which is in effect for more than 90 days, the Compliance Schedule is the schedule that was approved as part of the variance granted by the hearing board.

The compliance schedule shall contain a schedule of remedial measures, including an enforceable sequence of actions with milestones, leading to compliance with this applicable federal requirement. For sources operating under a variance, the compliance schedule is part of the variance granted by the hearing board. The compliance schedule shall resemble, and be at least as stringent as that contained in any judicial consent decree or administrative order to which the source is subject. For sources not operating under a variance, consult the Air Pollution Control Officer regarding procedures for obtaining a compliance schedule.

CERTIFICATION STATEMENT (Form 1302-M)

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS PROCESSING ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Muscio Lease Casmalia

Identify, by checking off below, the forms and attachments that are part of your application. If the application contains forms or attachments that are not identified below, please identify these attachments in the blank space provided below. Review the instructions if you are unsure of the forms and attachments that need to be included in a complete application.

Forms included with application	Attachments included with application
 Stationary Source Summary Form Total Stationary Source Emission For Compliance Plan Form Compliance Plan Certification Form Exempt Equipment Form Certification Statement Form List other forms or attachments APCD-01 [] check here if additional forms listed on back 	 Description of Operating Scenarios X Sample emission calculations X Fugitive emission estimates X List of Applicable requirements Discussion of units out of compliance with applicable federal requirements and, if required, submit a schedule of Compliance Facility schematic showing emission points NSR Permit PSD Permit Compliance Assurance monitoring protocols Risk management verification per 112(r)

I certify under penalty of law, based on information and belief formed after reasonable inquiry, that the information contained in this application, composed of the forms and attachments identified above, are true, accurate, and complete.

I certify that I am the responsible official, as defined in SBCAPCD's Regulation XIII, Rule 1301 or USEPA's 40 CFR Part 70.

1. man

Signature of Responsible Official

Date

Print Name of Responsible Official:

Philip Brown

Title of Responsible Official and Company Name: Chief Operations Officer

CERTIFICATION STATEMENT (Form 1302-M continued)

APCD:	► APCD USE ONLY ""
Santa Barbara County Air Pollution Control District	APCD IDS PROCESSING ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Muscio Lease Casmalia

List Other Forms or Attachments (cont.)				

EXAMPLE EMISSION CALCULATIONS

ATTACHMENT A Emission Calculations

FUGITIVE HYDROCARBON EMISSION CALCULATIONS - CARB/KVB METHOD (Ver. 6.0)

<u>Units</u>

wells

scf/day

bbls/day

degrees API

dimensionless

scf/bbl

wells

wells

wells

wells lb/day-well <u>Reference</u>

User Input

Table Below

Permit Application

ermit Application

Page 1 of 2

Attachment:	A-1
Permit Number:	Reeval 8980-R10
Facility:	Muscio Lease

Input Data

<u>Facility Information</u> Number of Active Wells at Facility	<u>Value</u>
Facility Gas Production	800,000
Facility Dry Oil Production Facility Gas to Oil Ratio (if > 500 then default to 501)	
API Gravity Facility Model Number	
No. of Steam Drive Wells with Control Vents No. of Steam Drive Wells with Uncontrolled Vents	0
No. of Cyclic Steam Drive Wells with Control Vents	. 0
No. of Cyclic Steam Drive Wells with Uncontrolled Vents Composite Valve and Fitting Emission Factor	

Emission Factor Based on Lease Model

Lease Model	Valve Without Ethane	Fitting Without Ethane	Composite Without	Units
1	1.4921	0.9947	2.4868	lbs/day-well
2	0.6999	0.6092	1.3091	bs/day-well
3	0.0217	0.0673	0.0890	lbs/day-well
4	4.5090	2.1319	6.6409	lbs/day-well
5	0.8628	1.9424	2.8053	lbs/day-well
6	1.7079	2.5006	4.2085	lbs/day-well

Model #1: Number of wells on lease is less than 10 and the GOR is less than 500. Model #2: Number of wells on lease is between 10 and 50 and the GOR is less than 500. Model #3: Number of wells on lease is greater than 50 and the GOR is less than 500. Model #4: Number of wells on lease is less than 10 and the GOR is greater than 500. Model #5: Number of wells on lease is between 10 and 50 and the GOR is greater than 500. Model #6: Number of wells on lease is greater than 50 and the GOR is greater than 500.

Reference: CARB speciation profiles numbers 529, 530, 531, 532

CARB KVB ROC Potential to Emit

Emission Source	lb/day	TPY
Valves and Fittings ^a	1.12	0.20
Sumps, Wastewater Tanks and Well Cellars ^b	2.03	0.37
Oil/Water Separators ^b	0.00	0.00
Pumps/Compressors/Well Heads ^a	0.03	0.01
Enhanced Oil Recovery Fields	0.00	0.00
Total ROC Potential to Emit ^c	3.19	0.58

Notes:

a. Emissions amount reflect an 80% reduction due to Rule 331 implementation.

b. Emissions reflect control efficiencies where applicable.

c. Due to rounding, the totals may not appear correct

ATTACHMENT A Emission Calculations

nit Type Emission Calculations					
umps, Compressors, and Well He	ads I Incontrolled Em	ussion Calculations			
		ission calculations			
	Value	Units	Reference		
umber of Wells	2	wells	Permit Application		
ellhead Emissions	0.0194	b-ROC/day	Calculated Value		
IC from Pumps IC from Compressors	0.0078 0.1358	lb-ROC/day lb-ROC/day	Calculated Value Calculated Value		
tal ROC Emissions	0.16	b-ROC/day	Calculated Value		
		• • • •	•		
ell Cellars, Sumps, Covered Was	tewater Tanks, and C	Dil/Water Separators	<u>s</u>		
Separation Level	Heavy Oil Service	Light Oil Service	Units	1	
Primary	0.0941	0.1380	lb ROC/ft ² -day		
Secondary	0.0126	0.0180	lb ROC/ft ² -day		
Tertiary	0.0058	0.0087	b ROC/ft ² -day		
WFII	CELLARS			Level of Separation	
Equipment Type	Number	Total Area (ft ²)	Primary	Secondary	Tertiary
	2	72	2.03		
Well Cellars ^(a)		<u> </u>		0.00	0.00
Deily BOC E	missions (Ib/day)		2.03	0.00	0.00
A 70% reduction is applied for implem	nentation of Ru l e 344 (Su S TEWATER TANKS	·	Cellars).	Level of Separation	
A 70% reduction is applied for implem COVERED WAS Equipment Type	STEWATER TANKS	Total Area (ft ²)	Primary	Level of Separation Secondary	Tertiary
A 70% reduction is applied for implem COVERED WAS Equipment Type Covered Wastewater	STEWATER TANKS			· · · · · · · · · · · · · · · · · · ·	Tertiary
A 70% reduction is applied for impler COVERED WA: Equipment Type Covered Wastewater Tank ⁽⁸⁾	STEWATER TANKS Number 0 0 0	Total Area (ft ²)	Primary 0.00	Secondary 0.00	0.00
A 70% reduction is applied for impler COVERED WA: Equipment Type Covered Wastewater Tank ⁽⁸⁾	STEWATER TANKS Number 0 0	Total Area (ft ²) 0 0	Primary	Secondary	
A 70% reduction is applied for implem COVERED WAS Equipment Type Covered Wastewater Tank ^(a) Daily ROC E	STEWATER TANKS Number 0 0 0	Total Area (ft ²) 0 0	Primary 0.00	Secondary 0.00 0.00	0.00
A 70% reduction is applied for implem COVERED WA: Equipment Type Covered Wastewater Tank ^(a) Daily ROC E Mass: A 85% reduction is applied. COVERED WASTEWATER	STEWATER TANKS Number 0 0 missions (Ib/day)	Total Area (ft ²) 0 0 0 RECOVERY	Primary 0.00 0.00	Secondary 0.00 0.00 Level of Separation	0.00 0.00
A 70% reduction is applied for implem COVERED WA: Equipment Type Covered Wastewater Tank ^(a) Daily ROC E Ves: A 85% reduction is applied. COVERED WASTEWATER S Equipment Type	STEWATER TANKS Number 0 0 missions (lb/day) TANK WITH VAPOR Number	Total Area (ft ²) 0 0 0 <i>RECOVERY</i> Total Area (ft ²)	Primary 0.00 0.00 Primary	Secondary 0.00 0.00	0.00
A 70% reduction is applied for implem COVERED WA: Equipment Type Covered Wastewater Tank ^(a) Daily ROC E Daily ROC E Covered Wastewater Covered Wastewater	STEWATER TANKS Number 0 0 missions (Ib/day)	Total Area (ft ²) 0 0 0 RECOVERY	Primary 0.00 0.00	Secondary 0.00 0.00 Level of Separation	0.00 0.00
A 70% reduction is applied for implem COVERED WA: Equipment Type Covered Wastewater Tank ^(a) Daily ROC E Stes: A 85% reduction is applied. COVERED WASTEWATER S Equipment Type Covered Wastewater Tank with Vapor Recovery ^(a)	STEWATER TANKS Number 0 0 missions (Ib/day) TANK WITH VAPOR 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total Area (ft²) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 Total Area (ft²) 0	Primary 0.00 0.00 Primary 0.00	Secondary 0.00 0.00 Level of Separation Secondary 0.00	0.00 0.00 Tertiary 0.00
A 70% reduction is applied for implem COVERED WA: Equipment Type Covered Wastewater Tank ^(a) Daily ROC E Stes: A 85% reduction is applied. COVERED WASTEWATER S Equipment Type Covered Wastewater Tank with Vapor Recovery ^(a)	STEWATER TANKS Number 0 0 0 missions (Ib/day) TANK WITH VAPOR 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total Area (ft²) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Primary 0.00 0.00 Primary	Secondary 0.00 0.00 Level of Separation Secondary	0.00 0.00 Tertiary
A 70% reduction is applied for implem COVERED WA: Equipment Type Covered Wastewater Tank ^(a) Daily ROC E Zes: A 85% reduction is applied. COVERED WASTEWATER Equipment Type Covered Wastewater Tank with Vapor Recovery ^(a) Daily ROC E Zes: A 95% reduction is applied.	STEWATER TANKS Number 0 0 missions (Ib/day) TANK WITH VAPOR Number 0 0 0 missions (Ib/day)	Total Area (ft²) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Primary 0.00 0.00 Primary 0.00	Secondary 0.00 0.00 Level of Separation Secondary 0.00 0.00	0.00 0.00 Tertiary 0.00
A 70% reduction is applied for impler COVERED WA: Equipment Type Covered Wastewater Tank ^(a) Daily ROC E Massing Reduction is applied. COVERED WASTEWATER : Equipment Type Covered Wastewater Tank with Vapor Recovery ^(a) Daily ROC E Massing Reduction is applied. OIL AND WAT	STEWATER TANKS Number 0 0 missions (Ib/day) TANK WITH VAPOR Number 0 0 0 0 missions (Ib/day) ER SEPARATORS	Total Area (ft²) 0 0 0 0 0 7 10 0 0 0 0 0 0 0 0 0 0 0	Primary 0.00 0.00 Primary 0.00 0.00	Secondary 0.00 0.00 Level of Separation Secondary 0.00 0.00 Type	0.00 0.00 Tertiary 0.00 0.00
A 70% reduction is applied for implem COVERED WA: Equipment Type Covered Wastewater Tank ^(a) Daily ROC E Mass: A 85% reduction is applied. COVERED WASTEWATER Equipment Type Covered Wastewater Tank with Vapor Recovery ^(a) Daily ROC E Mass: A 95% reduction is applied.	STEWATER TANKS Number 0 0 missions (Ib/day) TANK WITH VAPOR 0 0 0 0 missions (Ib/day) ER SEPARATORS Total Through	Total Area (ft²) 0 0 0 0 0 7 Total Area (ft²) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <td>Primary 0.00 0.00 Primary 0.00 0.00 0.00</td> <td>Secondary 0.00 0.00 Level of Separation Secondary 0.00 0.00</td> <td>0.00 0.00 Tertiary 0.00</td>	Primary 0.00 0.00 Primary 0.00 0.00 0.00	Secondary 0.00 0.00 Level of Separation Secondary 0.00 0.00	0.00 0.00 Tertiary 0.00
A 70% reduction is applied for implem COVERED WA: Equipment Type Covered Wastewater Tank ^(a) Daily ROC E Daily ROC E Daily ROC E Covered Wastewater Tank with Vapor Recovery ^(a) Daily ROC E Zes: A 95% reduction is applied. Daily ROC E Daily ROC E	STEWATER TANKS Number 0 0 missions (Ib/day) TANK WITH VAPOR Number 0 0 0 0 missions (Ib/day) ER SEPARATORS	Total Area (ft ²) 0 0 0 0 0 7 7 7 7 7 7 7 0 0 0 0 0 0 0	Primary 0.00 0.00 Primary 0.00 0.00	Secondary 0.00 0.00 Level of Separation Secondary 0.00 0.00 Type	0.00 0.00 Tertiary 0.00 0.00
A 70% reduction is applied for implem COVERED WA: Equipment Type Covered Wastewater Tank ^(a) Daily ROC E 2/265: A 85% reduction is applied. COVERED WASTEWATER Equipment Type Covered Wastewater Tank with Vapor Recovery ^(a) Daily ROC E 2/265: A 95% reduction is applied. <i>OlL AND WAT</i> Equipment Type Oil and Water Separators ^{(a)(b)}	STEWATER TANKS Number 0 0 missions (Ib/day) TANK WITH VAPOR 0 0 missions (Ib/day) ER SEPARATORS Total Through 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total Area (ft²) 0 0 0 0 0 7 Total Area (ft²) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <td>Primary 0.00 0.00 Primary 0.00 0.00 0.00</td> <td>Secondary 0.00 0.00 Level of Separation Secondary 0.00 0.00 Type Vapor Recovery 0.00 0.00</td> <td>0.00 0.00 Tertiary 0.00 0.00</td>	Primary 0.00 0.00 Primary 0.00 0.00 0.00	Secondary 0.00 0.00 Level of Separation Secondary 0.00 0.00 Type Vapor Recovery 0.00 0.00	0.00 0.00 Tertiary 0.00 0.00
Equipment Type Covered Wastewater Tank ^(a) Daily ROC E Otes: A 85% reduction is applied. COVERED WASTEWATER T Equipment Type Covered Wastewater Tank with Vapor Recovery ^(a) Daily ROC E Otes: A 95% reduction is applied. Otl. AND WAT Equipment Type Oil and Water Separators ^{(a)(b)}	STEWATER TANKS Number 0 0 0 missions (lb/day) TANK WITH VAPOR 0 0 missions (lb/day) ER SEPARATORS Total Through 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Total Area (ft²) 0 0 0 0 0 7 Total Area (ft²) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <td>Primary 0.00 0.00 Primary 0.00 0.00 0.00</td> <td>Secondary 0.00 0.00 0.00 Level of Separation Secondary 0.00 0.00 Type Vapor Recovery</td> <td>0.00 0.00 Tertiary 0.00 0.00 0.00 Open Top</td>	Primary 0.00 0.00 Primary 0.00 0.00 0.00	Secondary 0.00 0.00 0.00 Level of Separation Secondary 0.00 0.00 Type Vapor Recovery	0.00 0.00 Tertiary 0.00 0.00 0.00 Open Top

PROJECT DESCRIPTION

This facility consists of two oil and gas production wells, two well cellars, one separator, and associated fugitives. There is no other oil and gas production equipment subject to permit at this location. Production is routed to the central processing facility located at Morganti Lease via pipeline.

NR BONETTI PTO 8978-R10 TV APPLICATION FORMS

STATIONARY SOURCE SUMMARY (Form 1302-A1)

APCD: Santa Barbara County Air Pollution Control District

COMPANY NAME: Pacific Coast Energy Acquisitions, LLC

► APCD USE ONLY -ii(

Application #:

Application Filing Fee*:

APCD IDS Processing ID:

Date Application Received: Date Application Deemed Complete:

I. SOURCE IDENTIFICATION

1. Source Name: NR Bonetti Lease Casmalia		
2. Four digit SIC Code: 1311 USEPA AIRS Plant ID (for APCD use only):		
3. Parent Company (if different than Source Name): Pacific Coast Energy Acquisitions, LLC		
4. Mailing Address of Responsible Official: 1555 Orcutt Hill Road Orcutt, CA 93455		
5. Street Address of Source Location (include Zip Code):		
6. UTM Coordinates (if required) (see instructions):		
7. Source located within: 50 miles of the state line [] Yes [X] No		
50 miles of a Native American Nation [] Yes [X] No [] Not Applicable		
8. Type of Organization: [X] Corporation [] Sole Ownership [] Government		
[] Partnership [] Utility Company 9. Legal Owner's Name: Pacific Coast Energy Company LP		
10. Owner's Agent Name (if any): Marianne Strange Title: Environmental Telephone #: 805-564-6590 Consultant		
11. Responsible Official: Philip Brown Title: Chief Operations Telephone #: 805-937-2576 Officer		
12. Plant Site Manager/Contact: Doug Miller Title: Sr. Production Telephone #: 805-937-2576 Foreman		
13. Type of facility: Oil and Gas		
14. General description of processes/products: Please refer to attached project description		
15. Does your facility store, or otherwise handle, greater than threshold quantities of any substance on the Section 112(r)		
List of Substances and their Thresholds (see Attachment A)? [] Yes [X] No		
16. Is a Federal Risk Management Plan [pursuant to Section 112(r)] required? [] Not Applicable [] Yes [X] N		
(If yes, attach verification that Risk Management Plan is registered with appropriate agency or description of status of Risk		
Management Plan submittal.) Applications submitted without a filing fee will be returned to the applicant immediately as "improper" submittals		

Page 1 of 21

STATIONARY SOURCE SUMMARY (Form 1302-A2)

APCD:	► APCD USE ONLY -<
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: NR Bonetti Lease Casmalia

II. TYPE OF PERMIT ACTION

	CURRENT PERMIT (permit number)	EXPIRATION (date)
Initial SBCAPCD's Regulation XIII Application	8978 - R10	5/2025
Permit Renewal		
Significant Permit Revision*		
Minor Permit Revision*		
Administrative Amendment		

III. DESCRIPTION OF PERMIT ACTION

1. Does the permit action requested involve:

[] Portable Source[] Voluntary Emissions Caps[] Acid Rain Source[] Alternative Operating Scenarios[] Source Subject to MACT Requirements [Section 112]

b: [X] None of the options in 1.a. are applicable

2. Is source operating under a Title V Program Compliance Schedule? [] Yes [X] No

a:

3. For permit modifications, provide a general description of the proposed permit modification:

*Requires APCD-approved NSR permit prior to a permit revision submittal

TOTAL STATIONARY SOURCE EMISSIONS (Form 1302-B)

APCD:	► APCD USE ONLY ""
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: NR Bonetti Lease Casmalia

I. TOTAL STATIONARY SOURCE EMISSIONS

Provide a brief description of operating scenario: Please refer to attached project description.

POLLUTANT * (name)	EMISSIONS (tons per year)	PRE-MODIFICATION EMISSIONS (tons per year)	EMISSIONS CHANGE ** (tons per year)
NOx	306.70		N/A
ROC	191.06	NOT APPLICABLE FOR FIRST	1.55
СО	240.36	APPLICATION SUBMITTALS	N/A
SOx	19.21		N/A
РМ	7.62		N/A
PM10	7.62		N/A
PM2.5	7.62		N/A

* Emissions for all pollutants for which the source is major and for all NSPS/MACT-regulated air pollutants must be reported. HAP emissions must be determined, and those exceeding one ton per year from any emission unit category must also be quantified; if less than one ton per year, just list the HAPs emitted by name.

** Transferring all existing Casmalia Field Stationary Source leases to Orcutt Hill Stationary Source

COATING / SOLVENT EMISSION UNIT (Form 1302-D1)

APCD:	► APCD USE ONLY <
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: NR Bonetti Lease Casmalia

I. EMISSION UNIT DESCRIPTION

1. Equipment type: Solvent & Coating Rule 202 exempt for maintenance

ATC/PTO Number: 8978-R11

- 2. Equipment description:
- 3. Equipment make, model & serial number:
- 4. Maximum design process rate or throughput:
- 5. Control device(s) type and description (if any):
- 6. Description of coating/solvent application/drying method(s) employed including coating transfer: All solvent and coating emissions will be assumed on the Orcutt Hill stationary source under the Cal Coast Lease PTO 8826.
- 7. List and describe primary coating/solvent process equipment used: Mineral Spirits or similar for Lab Cuts. Coatings used for maintenance activities.

II. OPERATIONAL INFORMATION

- 1. Operating schedule: _____ hours/day _____ hours/year
- 2. Coatings/solvents information:

COATING/ SOLVENT (name)	MANUFACTURER (name)	MAXIMUM USE (gal/day, gal/yr)	VAPOR PRESSURE (mm of Hg)	SOLIDS CONTENT (%)	VOC CONTENT (%)

* Equipment may be grouped on a single form if it is of the same type and if the emissions are calculated the same way.

COATING / SOLVENT EMISSION UNIT (Form 1302-D2)

APCD:	► APCD USE ONLY <
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: NR Bonetti Lease Casmalia

3. Emissions for Emission Unit(s) described on page(s): fill in at end

CRITERIA POLLUTANT EMISSIONS (tons per year)				
POLLUTANTS	ROC			
A. Emissions	0.1			
B. Pre-Modification Emissions ¹				
C. Emission Change ²				
D. Emission Limit ³				
OTHER REGULATED AIR POLLUTANT EMISSIONS (tons per year) ⁴				
POLLUTANTS				
A. Emissions				
B. Pre-Modification Emissions ¹				
C. Emission Change ²				
D. Emission Limit ³				
1 For permit revisions only; emissions prior to project modification.				

nly; emissions prior to project modification.

 Difference between Pre-Modification Emissions (Section B.) and Emissions (Section A.).
 For voluntary emissions cap and emission limits [i.e. expressed as parts per million (ppm) corrected for dilution air, pounds per hour (lbs/hr), pounds per million BTU (lb/MMBTU, etc.] required by any applicable federal requirement.

4 HAP emissions must be determined, and those exceeding one ton per year from any emission unit category must also be quantified; if less than one ton per year, just list the HAPs emitted by name.

APCD:	► APCD USE ONLY 4{
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: NR Bonetti Lease Casmalia

I. EMISSION UNIT DESCRIPTION

- 1. General process description: Separators
- 2. Equipment type*: Oil and Gas Separators
- 3. Equipment description*: 4 Oil & Gas Separator ATC/PTO Number: 8978-R10 (Device100929)
- 4. Equipment make, model & serial number:
- 5. Maximum design process rate or throughput: N/A
- 6. Control device(s) type and description (if any): N/A

II. OPERATIONAL INFORMATION

- 1. Operating schedule: 24 hours/day 8760 hours/year
- 2. Exhaust gas flow rate: _____SCFM @______%H₂O
- 3. Raw products used and finished products produced:

RAW PRODUCT USED (name)	FEED RATE or CONSUMPTION RATE or OTHER PARAMETER**	FINISHED PRODUCTS PRODUCED (name)	PRODUCTION RATE* (lbs/hr, gal/hr, etc.)

* Equipment may be grouped on a single form if it is of the same type and if the emissions are calculated the same way. ** Choose parameters to allow determination of applicability of federal requirements (e.g. lbs/hr, gallons/hr, tons/yr)

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: NR Bonetti Lease Casmalia

1. Emissions for Emission Units described on page(s): all emissions are fugitive and included in fugitive emissions.

CRITERIA POLLUTANT EMISSIONS (tons per year)					
POLLUTANTS					
A. Emissions					
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
OTHER REGULATED AIR POLLUTANT EMISSIONS (tons per year) ⁴					
POLLUTANTS					
A. Emissions					
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
1 For permit revisions only: emissions prior to project modification					

1 For permit revisions only; emissions prior to project modification.

2 Difference between Pre-Modification Emissions (Section B.) and Emissions (Section A.).

3 For voluntary emissions cap and emission limits [i.e. expressed as parts per million (ppm) corrected for dilution air, pounds per hour (lbs/hr), pounds per million BTU (lb/MMBTU, etc.] required by any applicable federal requirement.

4 HAP emissions must be determined, and those exceeding one ton per year from any emission unit category must also be quantified; if less than one ton per year, just list the HAPs emitted by name.

APCD:	► APCD USE ONLY 4{
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: NR Bonetti Lease Casmalia

I. EMISSION UNIT DESCRIPTION

- 1. General process description: Oil and Gas Wellheads
- 2. Equipment type*: Oil and Gas Well
- 3. Equipment description*: 5 Producing and or idle wells
- 4. Equipment make, model & serial number:
- 5. Maximum design process rate or throughput: oil 800 bbls/day and produced gas 800,000 scf/day
- 6. Control device(s) type and description (if any):

II. OPERATIONAL INFORMATION

- 1. Operating schedule: 24_____ hours/day 8760____ hours/year
- 2. Exhaust gas flow rate: _____SCFM @ _____%H₂O
- 3. Raw products used and finished products produced:

RAW PRODUCT USED (name)	FEED RATE or CONSUMPTION RATE or OTHER PARAMETER**	FINISHED PRODUCTS PRODUCED (name)	PRODUCTION RATE* (lbs/hr, gal/hr, etc.)
		Oil	800 bbls/Day
		Produced Gas	800,000 scf/Day

* Equipment may be grouped on a single form if it is of the same type and if the emissions are calculated the same way. ** Choose parameters to allow determination of applicability of federal requirements (e.g. lbs/hr, gallons/hr, tons/yr)

ATC/PTO Number: 8978-R10 (Device 100931)

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: NR Bonetti Lease Casmalia

1. Emissions for Emission Units described on page(s): all emissions are fugitive and included in fugitive emissions.

CRITERIA POLLUTANT EMISSIONS (tons per year)					
POLLUTANTS	POLLUTANTS ROC				
A. Emissions		0.02			
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
OTHER REGULATED AIR POLLUTANT EMISSIONS (tons per year) ⁴					
POLLUTANTS					
A. Emissions					
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
1. For normit requisions only amissions prior to project modification					

1 For permit revisions only; emissions prior to project modification.

2 Difference between Pre-Modification Emissions (Section B.) and Emissions (Section A.).

3 For voluntary emissions cap and emission limits [i.e. expressed as parts per million (ppm) corrected for dilution air, pounds per hour (lbs/hr), pounds per million BTU (lb/MMBTU, etc.] required by any applicable federal requirement.

4 HAP emissions must be determined, and those exceeding one ton per year from any emission unit category must also be quantified; if less than one ton per year, just list the HAPs emitted by name.

APCD:	► APCD USE ONLY 4{
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: NR Bonetti Lease Casmalia

I. EMISSION UNIT DESCRIPTION

- 1. General process description: Well Cellars
- 2. Equipment type*: Well Cellars
- 3. Equipment description*: 5 well cellars, each with 36 sq. ft. of surface area ATC/PTO Number: 89780-R10 (Device 008434)
- 4. Equipment make, model & serial number:
- 5. Maximum design process rate or throughput:
- 6. Control device(s) type and description (if any):

II. OPERATIONAL INFORMATION

- 1. Operating schedule: 24 hours/day 8760 hours/year
- 2. Exhaust gas flow rate: _____ SCFM @ _____ %H₂O
- 3. Raw products used and finished products produced:

RAW PRODUCT USED (name)	FEED RATE or CONSUMPTION RATE or OTHER PARAMETER**	FINISHED PRODUCTS PRODUCED (name)	PRODUCTION RATE* (lbs/hr, gal/hr, etc.)

* Equipment may be grouped on a single form if it is of the same type and if the emissions are calculated the same way. ** Choose parameters to allow determination of applicability of federal requirements (e.g. lbs/hr, gallons/hr, tons/yr)

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: NR Bonetti Lease Casmalia

1. Emissions for Emission Units described on previous page

CRITERIA POLLUTANT EMISSIONS (tons per year)					
POLLUTANTS		ROC			
A. Emissions		0.92			
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
OTHER REGULATED AIR POLLUTANT EMISSIONS (tons per year) ⁴					
POLLUTANTS					
A. Emissions					
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
1 For permit revisions only, emissions prior to project modification					

1 For permit revisions only; emissions prior to project modification.

2 Difference between Pre-Modification Emissions (Section B.) and Emissions (Section A.).

3 For voluntary emissions cap and emission limits [i.e. expressed as parts per million (ppm) corrected for dilution air, pounds per hour (lbs/hr), pounds per million BTU (lb/MMBTU, etc.] required by any applicable federal requirement.

4 HAP emissions must be determined, and those exceeding one ton per year from any emission unit category must also be quantified; if less than one ton per year, just list the HAPs emitted by name.

APCD:	► APCD USE ONLY 4{
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: NR Bonetti Lease Casmalia

I. EMISSION UNIT DESCRIPTION

- 1. General process description: Fugitive Hydrocarbon Components CARB KVB
- 2. Equipment type*: Component Leak Paths.
- 3. Equipment description*: Valves, flanges connections etc. ATC/PTO Number: 8978-R10 (Device 008432)
- 4. Equipment make, model & serial number: N/A
- 5. Maximum design process rate or throughput: N/A
- 6. Control device(s) type and description (if any):N/A

II. OPERATIONAL INFORMATION

- 1. Operating schedule: 24 hours/day 8760 hours/year
- 2. Exhaust gas flow rate: _____ SCFM @ _____ %H₂O
- 3. Raw products used and finished products produced:

RAW PRODUCT USED (name)	FEED RATE or CONSUMPTION RATE or OTHER PARAMETER**	FINISHED PRODUCTS PRODUCED (name)	PRODUCTION RATE* (lbs/hr, gal/hr, etc.)

* Equipment may be grouped on a single form if it is of the same type and if the emissions are calculated the same way. ** Choose parameters to allow determination of applicability of federal requirements (e.g. lbs/hr, gallons/hr, tons/yr)

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: NR Bonetti Lease Casmalia

4. Emissions for Emission Units described on page(s): all emissions are fugitive and included in fugitive emissions.

CRITERIA POLLUTANT EMISSIONS (tons per year)					
POLLUTANTS		ROC			
A. Emissions		0.61			
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
OTHER REC	OTHER REGULATED AIR POLLUTANT EMISSIONS (tons per year) ⁴				
POLLUTANTS					
A. Emissions					
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					

1 For permit revisions only; emissions prior to project modification.

2 Difference between Pre-Modification Emissions (Section B.) and Emissions (Section A.).

3 For voluntary emissions cap and emission limits [i.e. expressed as parts per million (ppm) corrected for dilution air, pounds per hour (lbs/hr), pounds per million BTU (lb/MMBTU, etc.] required by any applicable federal requirement.

4 HAP emissions must be determined, and those exceeding one ton per year from any emission unit category must also be quantified; if less than one ton per year, just list the HAPs emitted by name.

EXEMPT EMISSIONS UNITS (Form 1302-H)

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: NR Bonetti Lease Casmalia

Are you claiming any emitting activities to be insignificant? (See definition at bottom of page)

YES X NO

I. ACTIVITIES CLAIMED TO BE INSIGNIFICANT (Attach supporting calculations)

Activity	Description of Activity/Emission Units	Potential to Emit for each Pollutant
Solvents & Coatings Lab Cuts & Facility/Equipment Maintenance		0.1 TPY ROC

Insignificant activities are defined in APCD Rule 1301 (definitions). For an activity to be considered insignificant emissions cannot exceed 2 tons per year potential to emit (PTE) any criteria pollutants, and 0.5 tons per year for any regulated HAP.

Note: Insignificant activities are not exempt from Part 70 requirements/permits.

COMPLIANCE PLAN (Form 1302-I1)

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: NR Bonetti Lease Casmalia

I. PROCEDURE FOR USING FORM 1302-I

This form shall be submitted as part of the SBCAPCD's Regulation XIII Application. The Responsible Official shall identify the applicable federal requirement(s) to which the source is subject. In the Compliance Plan (Form 1302-I), a Responsible Official shall identify whether the source identified in the SBCAPCD's Regulation XIII Application currently operates in compliance with all applicable federal requirements.

II. APPLICABLE FEDERAL REQUIREMENTS

Applicable Federal Requirement ¹		Affected Emission Unit	In compliance?	Effective
Regulatory Reference ²	Regulation Title²		(yes/no/exempt ³)	Date ⁴
APCD Rule 301	Circumvention	Entire Source	Yes	In Effect
APCD Rule 302	Visible Emissions	Entire Source	Yes	In Effect
APCD Rule 303	Nuisance	Entire Source	Yes	In Effect
APCD Rule 304	Particulate Matter – Northern Zone	Each PM Source	Yes	In Effect
APCD Rule 309	Specific Contaminants	Combustion Units	Yes	In Effect
APCD Rule 310	Odorous Organic Sulfides	Combustion Units	Yes	In Effect
APCD Rule 311	Sulfur Content of Fuel	Combustion Units	Yes	In Effect
APCD Rule 317	Organic Solvents	Maintenance/Wipe Cleaning	Yes exempt	In Effect
APCD Rule 321	Solvent Cleaning Operations	Maintenance Operations	Yes	In Effect
APCD Rule 322	Metal Surface Coating Thinner and Reducer	Maintenance Operations	Yes	In Effect
APCD Rule 323	Architectural Coatings - Standards	Maintenance Operations	Yes	In Effect
APCD Rule 324	Disposal and Evaporation of Solvents	Maintenance/Wipe Cleaning	Yes	In Effect
APCD Rule 325	Crude Oil Production and Separation	Wash Tank, crude storage tanks, wastewater tanks	Yes	In Effect
APCD Rule 331	Fugitive Emissions Inspection & Maintenance	All components (valves, flanges, seals, compressors, and pumps) used to handle oil and gas	Yes	In Effect
APCD Rule 333	Control of Emissions from Reciprocating IC Engines	Controlled Natural Gas (NG) fired rich burn ICEs	Yes	In Effect

Applicable Federal Requirement ¹			In compliance?	Effective	
Regulatory Reference²	Regulation Title²	Affected Emission Unit	(yes/no/exempt ³)	Date ⁴	
APCD Rule 343	Petroleum Storage Tank Degassing	Wash Tank, crude storage tanks, wastewater tanks	Yes	In Effect	
APCD Rule 344	Petroleum Wells, Sumps and Cellars	Well cellars, sump, wastewater pits	Yes	In Effect	
APCD Rule 346	Loading of Organic Liquids	Crude oil loading rack	Yes	In Effect	
APCD Rule 353	Adhesives and Sealants	Maintenance Operations	Yes	In Effect	
APCD Rule 359	Flares and Thermal Oxidizers	Flares	Yes	In Effect	
APCD Rule 360	Emissions of Oxides of Nitrogen From Large Water Heaters and Small Boilers	Water heaters, boilers, steam generators or process heaters with a rated heat input capacity greater than or equal to 75,000 Btu/hour up to and including 2,000,000 Btu/hr	Yes	In Effect	
APCD Rule 505.A,B1,D	Breakdown Conditions	All Emission Units	Yes	In Effect	
APCD Rule 603	Emergency Episode Plans	Entire Source	Yes	In Effect	
APCD Regulation VIII	New Source Review	Entire Source	Yes	In Effect	
APCD Regulation XIII	Part 70 Operating Permits	Entire Source	Yes	In Effect	
40 CFR Parts 51/52	New Source Review (Nonattainment Area Review and Prevention of Significant Deterioration)	Entire Source	Yes	In Effect	
40 CFR Part 60 Subpart A	New Source Performance Standards	Entire Source	Yes	In Effect	
40 CFR Part 60 Subpart Kb	Standards of Performance for Volatile Organic Liquid Storage Vessels	Storage vessels for petroleum liquids constructed or modified prior to July 23, 1984	Exempt there are no tanks at the Arellanes Lease	In Effect	
	2. Jana 200 ago - 00000	Any new or replacement tanks constructed or modified after July 23, 1984	Yes	In Effect	
40 CFR Part 60 Subpart OOOOa	Greenhouse Gas Emission Standards for Crude Oil and Natural Gas Facilities	Entire Source	Yes	In Effect	
And CCR Title 17, Division 3, Chapter 1, Subchapter 10	Climate Change				
40 CFR Part 61	National Emission Standards for Hazardous Air Pollutants	All stationary reciprocating internal combustion engines	Yes	In Effect	
40 CFR Part 63	Maximum Achievable Control Technology	None	Exempt per §63.760(e)(1) based on 'black oil' production	In Effect	

Applicable Federal Requirement ¹		Affected Emission Unit	In compliance? (yes/no/exempt ³)	Effective Date ⁴	
Regulatory Reference²	Regulation Title ²	Ancticu Emission Omt	(yes/no/exempt)	Date	
40 CFR Part 63 Subpart HH	National Emission Standards for Hazardous Air Pollutants (NESHAP) From Oil and Natural Gas Production Facilities	Entire Source	Exempt – Not a major source of HAP's	In Effect	
40 CFR Part 63 Subpart ZZZZ	National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines	All stationary reciprocating internal combustion engines	Yes There are no ICEs at NR Bonetti Lease	In Effect	
40 CFR Part 64	Compliance Assurance Monitoring	Emission units with a control device used to comply with an emission standard	Exempt – no control devices used to comply with an emission standard	In Effect	
40 CFR Part 70	Operating Permits	Entire Source	Yes	In Effect	

1 $\;$ Review APCD SIP Rules, NSPS, NESHAPS, and MACTs .

2 Regulatory Reference is the abbreviated citation (e.g. 40 CFR 60 Subpart OOO, APCD Rule 325.H) and Title is the prosaic title (e.g. NSPS Standards of Performance for Nonmetallic Mineral Processing Plants, Crude Oil Production and Separation, Inspection)

3 If exempt from applicable federal requirement, include explanation for exemption.

4 Indicate the date during the permit term that the applicable federal requirement will become effective for the emission unit.

Other Applicable Federal Requirements5Affected Emission UnitNOTE: PC # varies in each PTO		In compliance?	Effective Date
PTO 08978 Condition 1	All Devices	Yes	In Effect
Emission Limits			
PTO 08978 Condition 2.a	All component leak paths	Yes	In Effect
Fugitive Hydrocarbon Inspection &			
Maintenance Plan			
PTO 08978 Condition 2.b	Well Cellars	Yes	In Effect
Well Cellars			
PTO 08978 Condition 3	All Devices	Yes	In Effect
Monitoring			
PTO 08978 Condition 4	All Devices	Yes	In Effect
Recordkeeping			
PTO 08978 Condition 5	All Devices	Yes	In Effect
Reporting			
PTO 08978 Condition 6	All Devices	Yes	In Effect
Requirements for Produced Gas			
PTO 08978 Condition 7	All component leak paths	Yes	In Effect
Facility Fugitive Hydrocarbon	1 1		
Emissions			
PTO 08978 Condition 8	All Devices	Yes	In Effect
Greenhouse Gas Emissions Standards			
PTO 08978 Condition 9	All Devices	Yes	In Effect
Consistency with Analysis			
PTO 08978 Condition 10	All Devices	Yes	In Effect
Equipment Maintenance			
PTO 08978 Condition 11	All Devices	Yes	In Effect
Compliance			
PTO 08978 Condition 12	All Devices	Yes	In Effect
Severability			
PTO 08978 Condition 13	All Devices	Yes	In Effect
Conflict Between Permits			
PTO 08978 Condition 14	All Devices	Yes	In Effect
Access to Records and Facilities			
PTO 08978 Condition 15	All Devices	Yes	In Effect
Equipment Identification		1.00	In Encot
PTO 08978 Condition 16	All Devices	Yes	In Effect
Emission Factor Revisions		1 00	III Elleet
PTO 08978 Condition 17	All Devices	Yes	In Effect
Nuisance		100	III LIICOL
PTO 08978 Condition 18	All Devices	Yes	In Effect
Grounds for Revocation		103	meneot
PTO 08978 Condition 19	All Devices	Yes	In Effect
Transfer of Owner/Operator		103	III Effect
PTO 08978 Condition 20	All Devices	Yes	In Effect
Documents Incorporated by Reference	An Devices	1 58	III Effect
Documents incorporated by Reference			
5 All environmentally significant permit conditions associated with such limitat applicable requirements.	conditions such as emission, operation, and ions listed in all authority to construct (A?	l d throughput limitations or cor ГС) permits issued to the Part	npliance monitoring 70 source are also

applicable requirements.
*** If more than one page is used, please ensure that "Santa Barbara APCD", stationary source name and "Form 1302-I1" appear on each page. ***

COMPLIANCE PLAN (Form 1302-I2) APCD: ► APCD USE ONLY <.</th> Santa Barbara County Air Pollution Control District APCD IDS Processing ID: COMPANY NAME: Pacific Coast Energy Acquisitions, LLC SOURCE NAME: NR Bonetti Lease Casmalia

III. COMPLIANCE CERTIFICATION

Under penalty of perjury, I certify the following:

- X Based on information and belief formed after reasonable inquiry, the source identified in this application will continue to comply with the applicable federal requirement(s) with which the source is in compliance identified in form 1302-I1;
- X Based on information and belief formed after reasonable inquiry, the source identified in this application will comply with the future-effective applicable federal requirement(s) identified in form 1302-I1, on a timely basis¹;

Based on information and belief formed after reasonable inquiry, the source identified in this application is not in compliance with the applicable federal requirement(s), identified in form 1302-I1, and I have attached a compliance plan schedule.²

F. Brau

Signature of Responsible Official

- 1. Unless a more detailed schedule is expressly required by the applicable federal requirement.
- 2. At the time of expected permit issuance, if the source expects to be out of compliance with an applicable federal requirement, the applicant is required to provide a compliance schedule with this application, with the following exception. A source which is operating under a variance that is effective for less than 90 days need not submit a Compliance Schedule. For sources operating under a variance, which is in effect for more than 90 days, the Compliance Schedule is the schedule that was approved as part of the variance granted by the hearing board.

The compliance schedule shall contain a schedule of remedial measures, including an enforceable sequence of actions with milestones, leading to compliance with this applicable federal requirement. For sources operating under a variance, the compliance schedule is part of the variance granted by the hearing board. The compliance schedule shall resemble, and be at least as stringent as that contained in any judicial consent decree or administrative order to which the source is subject. For sources not operating under a variance, consult the Air Pollution Control Officer regarding procedures for obtaining a compliance schedule.

CERTIFICATION STATEMENT (Form 1302-M)

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS PROCESSING ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: NR Bonetti Lease Casmalia

Identify, by checking off below, the forms and attachments that are part of your application. If the application contains forms or attachments that are not identified below, please identify these attachments in the blank space provided below. Review the instructions if you are unsure of the forms and attachments that need to be included in a complete application.

1F

Forms included with application	Attachments included with application
 Stationary Source Summary Form Total Stationary Source Emission For Compliance Plan Form Compliance Plan Certification Form Exempt Equipment Form Certification Statement Form List other forms or attachments 	 Description of Operating Scenarios X Sample emission calculations X Fugitive emission estimates X List of Applicable requirements Discussion of units out of compliance with applicable federal requirements and, if required, submit a schedule of Compliance Facility schematic showing emission points NSR Permit PSD Permit Compliance Assurance monitoring protocols Risk management verification per 112(r)
[] check here if additional forms listed on back	

I certify under penalty of law, based on information and belief formed after reasonable inquiry, that the information contained in this application, composed of the forms and attachments identified above, are true, accurate, and complete.

I certify that I am the responsible official, as defined in SBCAPCD's Regulation XIII, Rule 1301 or USEPA's 40 CFR Part 70.

P.Bunni

Signature of Responsible Official

12/15 Date

Print Name of Responsible Official: Philip Brown

Title of Responsible Official and Company Name: Chief Operations Officer

CERTIFICATION STATEMENT (Form 1302-M continued)

APCD:	► APCD USE ONLY ""
Santa Barbara County Air Pollution Control District	APCD IDS PROCESSING ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: NR Bonetti Lease Casmalia

List Other Forms or Attachments (cont.)

EXAMPLE EMISSION CALCULATIONS

Permit to Operate 08978 - R10

ATTACHMENT A Emission Calculations

FUGITIVE HYDROCARBON EMISSION CALCULATIONS - CARB/KVB METHOD (Ver. 6.0)

Page 1 of 2

Reference Permit Application Permit Application Permit Application Permit Application User Input Permit Application Permit Application Permit Application Permit Application Table Below

Attachment:	A-1
Permit Number:	Reeval 8978-R10
Facility:	N.R. Bonetti Lease (Casmalia)

Input Data

Facility Information	<u>Value</u>	<u>Units</u>
Number of Active Wells at Facility	6	wells
Facility Gas Production	800,000	scf/day
Facility Dry Oil Production	. 800	bbls/day
Facility Gas to Oil Ratio (if > 500 then default to 501)	501	scf/bbl
API Gravity	11.3	degrees API
Facility Model Number	5	dimensionless
No. of Steam Drive Wells with Control Vents	. 0	wells
No. of Steam Drive Wells with Uncontrolled Vents	. 0	wells
No. of Cyclic Steam Drive Wells with Control Vents	. 0	wells
No. of Cyclic Steam Drive Wells with Uncontrolled Vents	0	wells
Composite Valve and Fitting Emission Factor	2.8053	lb/day-well

Emission Factor Based on Lease Model

Lease Model	Valve Without Ethane	Fitting Without Ethane	Composite Without	Units
1	1.4921	0.9947	2.4868	lbs/day-well
2	0.6999	0.6092	1.3091	lbs/day-well
3	0.0217	0.0673	0.0890	lbs/day-well
4	4.5090	2.1319	6.6409	lbs/day-well
5	0.8628	1.9424	2.8053	lbs/day-well
6	1.7079	2.5006	4.2085	lbs/day-well

Model #1: Number of wells on lease is less than 10 and the GOR is less than 500.

Model #2: Number of wells on lease is between 10 and 50 and the GOR is less than 500.

Model #3: Number of wells on lease is greater than 50 and the GOR is less than 500.

Model #4: Number of wells on lease is less than 10 and the GOR is greater than 500.

Model #5: Number of wells on lease is between 10 and 50 and the GOR is greater than 500.

Model #6: Number of wells on lease is greater than 50 and the GOR is greater than 500.

Reference: CARB speciation profiles numbers 529, 530, 531, 532

CARB KVB ROC Potential to Emit

Emission Source	lb/day	TPY
Valves and Fittings ^a	3.37	0.61
Sumps, Wastewater Tanks and Well Cellars ^b	6.10	1.11
Oil/Water Separators ^b	0.00	0.00
Pumps/Compressors/Well Heads ^a	0.10	0.02
Enhanced Oil Recovery Fields	0.00	0.00
Total ROC Potential to Emit ^c	9.56	1.75

Notes:

a. Emissions amount reflect an 80% reduction due to Rule 331 implementation.

b. Emissions reflect control efficiencies where applicable.

c. Due to rounding, the totals may not appear correct

Permit to Operate 08978 - R10

ATTACHMENT A Emission Calculations

PROJECT DESCRIPTION

This facility consists of five oil and gas production wells, five well cellars, four separators, and associated fugitives. There is no other oil and gas production equipment subject to permit at this location. Production is routed to the central processing facility located at Morganti Lease via pipeline.

RIGHETTI LEASE PTO 8977-R10 TV APPLICATION FORMS

STATIONARY SOURCE SUMMARY (Form 1302-A1)

APCD: Santa Barbara County Air Pollution Control District

COMPANY NAME: Pacific Coast Energy Acquisitions, LLC

► APCD USE ONLY -ii(

Application #:

Application Filing Fee*:

APCD IDS Processing ID:

Date Application Received: Date Application Deemed Complete:

I. SOURCE IDENTIFICATION

Source Name: Reghetti Lease Casmalia				
Four digit SIC Code: 1311 USEPA AIRS Plant ID (for APCD use only):				
B. Parent Company (if different than Source Name): Pacific Coast Energy Acquisitions, LLC				
Mailing Address of Responsible Official: 1555 G	Orcutt Hill Road (Drcutt, CA 93	455	
Street Address of Source Location (include Zip C	Code):			
UTM Coordinates (if required) (see instructions):	:			
Source located within: 50 miles of the state lin	e	[]Yes	[X] No	
50 miles of a Native Ar	merican Nation	[]Yes	[X] No	[] Not Applicable
Type of Organization: [X] Corporation	[] Sole Owner	rship []G	overnment	
[] Partnership egal Owner's Name: Pacific Coast Energy Compa		npany		
Owner's Agent Name (if any): Marianne Strange	Title: Environn Consultant	nental _{Teleph}	one #: 805-56	64-6590
Responsible Official: Philip Brown	Title: Chief Oper Officer	ations Teleph	one #: 805-93	37-2576
Plant Site Manager/Contact: Doug Miller	Title: Sr. Product Foreman	ion Teleph	one #: 805-9	37-2576
Type of facility: Oil and Gas				
General description of processes/products:	Please refer to at	tached projec	t description	
Does your facility store, or otherwise handle, gr	eater than thresho	ld quantities	of any substa	nce on the Section 112(r)
of Substances and their Thresholds (see Attachn	nent A)? [] Y	(es [X] N	lo	
es, attach verification that Risk Management Pla agement Plan submittal.)	an is registered wi	th appropriate	e agency or d	escription of status of Risk
	Four digit SIC Code: 1311 Parent Company (if different than Source Name) Mailing Address of Responsible Official: 1555 (Street Address of Source Location (include Zip O UTM Coordinates (if required) (see instructions) Source located within: 50 miles of the state lin 50 miles of a Native An Type of Organization: [X] Corporation [] Partnership egal Owner's Name: Pacific Coast Energy Compa Owner's Agent Name (if any): Marianne Strange Responsible Official: Philip Brown Plant Site Manager/Contact: Doug Miller Type of facility: Oil and Gas General description of processes/products: Does your facility store, or otherwise handle, gr of Substances and their Thresholds (see Attachr Is a Federal Risk Management Plan [pursuant to es, attach verification that Risk Management Plan agement Plan submittal.)	Four digit SIC Code: 1311 USEPA Parent Company (if different than Source Name): Pacific Coast En Mailing Address of Responsible Official: 1555 Orcutt Hill Road O Street Address of Source Location (include Zip Code): JTM Coordinates (if required) (see instructions): Source located within: 50 miles of the state line 50 miles of a Native American Nation Fype of Organization: [X] Corporation [] Sole Owne [] Partnership [] Utility Con egal Owner's Name: Pacific Coast Energy Company LP Owner's Agent Name (if any): Marianne Strange Title: Environn Consultant Responsible Official: Philip Brown Title: Chief Oper Officer Plant Site Manager/Contact: Doug Miller Title: Sr. Product Foreman Type of facility: Oil and Gas General description of processes/products: Please refer to at Does your facility store, or otherwise handle, greater than thresho of Substances and their Thresholds (see Attachment A)? [] Y Is a Federal Risk Management Plan [pursuant to Section 112(r)] r es, attach verification that Risk Management Plan is registered wi agement Plan submittal.)	Four digit SIC Code: 1311 USEPA AIRS Plant Parent Company (if different than Source Name): Pacific Coast Energy Acquisit Mailing Address of Responsible Official: 1555 Orcutt Hill Road Orcutt, CA 93 Street Address of Source Location (include Zip Code): JTM Coordinates (if required) (see instructions): Source located within: 50 miles of the state line [] Yes 50 miles of a Native American Nation [] Yes Fype of Organization: [X] Corporation [] Sole Ownership [] G [] Partnership [] Utility Company egal Owner's Name: Pacific Coast Energy Company LP Owner's Agent Name (if any): Marianne Strange Title: Environmental Teleph Consultant Responsible Official: Philip Brown Title: Chief Operations Teleph Officer Plant Site Manager/Contact: Doug Miller Title: Sr. Production Teleph Foreman Type of facility: Oil and Gas General description of processes/products: Please refer to attached projec Does your facility store, or otherwise handle, greater than threshold quantities of Substances and their Thresholds (see Attachment A)? [] Yes [X] N Is a Federal Risk Management Plan [pursuant to Section 112(r)] required? [es, attach verification that Risk Management Plan is registered with appropriate agement Plan submittal.)	Four digit SIC Code: 1311 USEPA AIRS Plant ID (for APC Parent Company (if different than Source Name): Pacific Coast Energy Acquisitions, LLC Mailing Address of Responsible Official: 1555 Orcutt Hill Road Orcutt, CA 93455 Street Address of Source Location (include Zip Code): JTM Coordinates (if required) (see instructions): Source located within: 50 miles of the state line []Yes [X] No 50 miles of a Native American Nation []Yes [X] No 50 miles of a Native American Nation []Yes [X] No 50 miles of a Native American Nation []Yes [X] No 50 miles of a Native American Nation []Yes [X] No 50 miles of a Native American Nation []Yes [X] No 50 miles of a Native American Nation []Yes [X] No 50 miles of a Native American Nation []Yes [X] No 50 miles of a Native American Nation []Yes [X] No 50 miles of a Native American Nation []Yes [X] No 50 miles of a Native American Nation []Yes [X] No 50 miles of a Native American Nation []Yes [X] No 50 miles of a Native American Nation []Yes [X] No 50 miles of a Native American Nation []Yes [X] No 60 mer's Agent Name (if any): Marianne Strange Title: Environmental Telephone #: 805-90 Officer Plant Site Manager/Contact: Doug Miller Title: Sr. Production Telephone #: 805-90 Officer 71 pe of facility: Oil and Gas 66 General description of processes/products: Please refer to attached project description 71 Does your facility store, or otherwise handle, greater than threshold quantities of any substa of Substances and their Thresholds (see Attachment A)? []Yes [X] No 81 a Federal Risk Management Plan [pursuant to Section 112(r)] required? []Not Applica es, attach verification that Risk Management Plan is registered with appropriate agency or d

* Applications submitted without a filing fee will be returned to the applicant immediately as "improper" submittals

STATIONARY SOURCE SUMMARY (Form 1302-A2)

APCD:	► APCD USE ONLY -<
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Righetti Lease Casmalia

II. TYPE OF PERMIT ACTION

	CURRENT PERMIT (permit number)	EXPIRATION (date)
Initial SBCAPCD's Regulation XIII Application	8977 - R10	6/2025
Permit Renewal		
Significant Permit Revision*		
Minor Permit Revision*		
Administrative Amendment		

III. DESCRIPTION OF PERMIT ACTION

1. Does the permit action requested involve:

[] Portable Source[] Voluntary Emissions Caps[] Acid Rain Source[] Alternative Operating Scenarios[] Source Subject to MACT Requirements [Section 112]

b: [X] None of the options in 1.a. are applicable

2. Is source operating under a Title V Program Compliance Schedule? [] Yes [X] No

a:

3. For permit modifications, provide a general description of the proposed permit modification:

*Requires APCD-approved NSR permit prior to a permit revision submittal

TOTAL STATIONARY SOURCE EMISSIONS (Form 1302-B)

APCD:	► APCD USE ONLY ""
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Righetti Lease Casmalia

I. TOTAL STATIONARY SOURCE EMISSIONS

Provide a brief description of operating scenario: Please refer to attached project description.

POLLUTANT * (name)	EMISSIONS (tons per year)	PRE-MODIFICATION EMISSIONS (tons per year)	EMISSIONS CHANGE ** (tons per year)
NOx	306.70		N/A
ROC	191.06	NOT APPLICABLE FOR FIRST	0.58
СО	240.36	APPLICATION SUBMITTALS	N/A
SOx	19.21		N/A
РМ	7.62		N/A
PM10	7.62		N/A
PM2.5	7.62		N/A

* Emissions for all pollutants for which the source is major and for all NSPS/MACT-regulated air pollutants must be reported. HAP emissions must be determined, and those exceeding one ton per year from any emission unit category must also be quantified; if less than one ton per year, just list the HAPs emitted by name.

** Transferring all existing Casmalia Field Stationary Source leases to Orcutt Hill Stationary Source

Page 3 of 21

COATING / SOLVENT EMISSION UNIT (Form 1302-D1)

APCD:	► APCD USE ONLY <
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Righetti Lease Casmalia

I. EMISSION UNIT DESCRIPTION

1. Equipment type: Solvent & Coating Rule 202 exempt for maintenance

ATC/PTO Number: 8977-R10

- 2. Equipment description:
- 3. Equipment make, model & serial number:
- 4. Maximum design process rate or throughput:
- 5. Control device(s) type and description (if any):
- 6. Description of coating/solvent application/drying method(s) employed including coating transfer: All solvent and coating emissions will be assumed on the Orcutt Hill stationary source under the Cal Coast Lease PTO 8826.
- 7. List and describe primary coating/solvent process equipment used: Mineral Spirits or similar for Lab Cuts. Coatings used for maintenance activities.

II. OPERATIONAL INFORMATION

- 1. Operating schedule: _____ hours/day _____ hours/year
- 2. Coatings/solvents information:

COATING/ SOLVENT (name)	MANUFACTURER (name)	MAXIMUM USE (gal/day, gal/yr)	VAPOR PRESSURE (mm of Hg)	SOLIDS CONTENT (%)	VOC CONTENT (%)

* Equipment may be grouped on a single form if it is of the same type and if the emissions are calculated the same way.

COATING / SOLVENT EMISSION UNIT (Form 1302-D2)

APCD:	► APCD USE ONLY <
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Righetti Lease Casmalia

3. Emissions for Emission Unit(s) described on page(s): fill in at end

CRITERIA POLLUTANT EMISSIONS (tons per year)					
POLLUTANTS	ROC				
A. Emissions	0.1				
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
OTHER REGU	JLATED AIR	POLLUTAN	Γ EMISSIONS (te	ons per year) ⁴	
POLLUTANTS					
A. Emissions					
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
1 For permit revisions only; emissions prior to project modification.					

ns only; emissions prior to project modification.

 Difference between Pre-Modification Emissions (Section B.) and Emissions (Section A.).
 For voluntary emissions cap and emission limits [i.e. expressed as parts per million (ppm) corrected for dilution air, pounds per hour (lbs/hr), pounds per million BTU (lb/MMBTU, etc.] required by any applicable federal requirement.

4 HAP emissions must be determined, and those exceeding one ton per year from any emission unit category must also be quantified; if less than one ton per year, just list the HAPs emitted by name.

APCD:	► APCD USE ONLY 4{
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Righetti Lease Casmalia

I. EMISSION UNIT DESCRIPTION

- 1. General process description: Separators
- 2. Equipment type*: Oil and Gas Separators
- 3. Equipment description*: 1 Oil & Gas Separator ATC/PTO Number: 8977-R10 (Device100940)
- 4. Equipment make, model & serial number:
- 5. Maximum design process rate or throughput: N/A
- 6. Control device(s) type and description (if any): N/A

II. OPERATIONAL INFORMATION

- 1. Operating schedule: 24 hours/day 8760 hours/year
- 2. Exhaust gas flow rate: _____SCFM @______%H₂O
- 3. Raw products used and finished products produced:

RAW PRODUCT USED (name)	FEED RATE or CONSUMPTION RATE or OTHER PARAMETER**	FINISHED PRODUCTS PRODUCED (name)	PRODUCTION RATE* (lbs/hr, gal/hr, etc.)

* Equipment may be grouped on a single form if it is of the same type and if the emissions are calculated the same way. ** Choose parameters to allow determination of applicability of federal requirements (e.g. lbs/hr, gallons/hr, tons/yr)

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Righetti Lease Casmalia

1. Emissions for Emission Units described on page(s): all emissions are fugitive and included in fugitive emissions.

CRITERIA POLLUTANT EMISSIONS (tons per year)				
POLLUTANTS	ROC			
A. Emissions				
B. Pre-Modification Emissions ¹				
C. Emission Change ²				
D. Emission Limit ³				
OTHER REC	GULATED AIR POLLUT	TANT EMISSIONS (to	ons per year) ⁴	
POLLUTANTS				
A. Emissions				
B. Pre-Modification Emissions ¹				
C. Emission Change ²				
D. Emission Limit ³				

1 For permit revisions only; emissions prior to project modification.

2 Difference between Pre-Modification Emissions (Section B.) and Emissions (Section A.).

3 For voluntary emissions cap and emission limits [i.e. expressed as parts per million (ppm) corrected for dilution air, pounds per hour (lbs/hr), pounds per million BTU (lb/MMBTU, etc.] required by any applicable federal requirement.

4 HAP emissions must be determined, and those exceeding one ton per year from any emission unit category must also be quantified; if less than one ton per year, just list the HAPs emitted by name.

APCD:	► APCD USE ONLY 4{
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Righetti Lease Casmalia

I. EMISSION UNIT DESCRIPTION

- 1. General process description: Oil and Gas Wellheads
- 2. Equipment type*: Oil and Gas Well
- 3. Equipment description*: 2 Producing and or idle wells
- 4. Equipment make, model & serial number:
- 5. Maximum design process rate or throughput:
- 6. Control device(s) type and description (if any):

II. OPERATIONAL INFORMATION

- 1. Operating schedule: 24 hours/day 8760 hours/year
- 2. Exhaust gas flow rate: _____ SCFM @ _____ %H₂O
- 3. Raw products used and finished products produced:

RAW PRODUCT USED (name)	FEED RATE or CONSUMPTION RATE or OTHER PARAMETER**	FINISHED PRODUCTS PRODUCED (name)	PRODUCTION RATE* (lbs/hr, gal/hr, etc.)

* Equipment may be grouped on a single form if it is of the same type and if the emissions are calculated the same way.

** Choose parameters to allow determination of applicability of federal requirements (e.g. lbs/hr, gallons/hr, tons/yr)

ATC/PTO Number: 8977-R10 (Device 003557)

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Righetti Lease Casmalia

1. Emissions for Emission Units described on page(s): all emissions are fugitive and included in fugitive emissions.

CRITERIA POLLUTANT EMISSIONS (tons per year)					
POLLUTANTS					
A. Emissions		0.01			
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
OTHER RE	OTHER REGULATED AIR POLLUTANT EMISSIONS (tons per year) ⁴				
POLLUTANTS					
A. Emissions					
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
1 For normit revisions only omissions prior to project modification					

1 For permit revisions only; emissions prior to project modification.

2 Difference between Pre-Modification Emissions (Section B.) and Emissions (Section A.).

3 For voluntary emissions cap and emission limits [i.e. expressed as parts per million (ppm) corrected for dilution air, pounds per hour (lbs/hr), pounds per million BTU (lb/MMBTU, etc.] required by any applicable federal requirement.

4 HAP emissions must be determined, and those exceeding one ton per year from any emission unit category must also be quantified; if less than one ton per year, just list the HAPs emitted by name.

APCD:	► APCD USE ONLY 4{
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Righetti Lease Casmalia

I. EMISSION UNIT DESCRIPTION

- 1. General process description: Well Cellars
- 2. Equipment type*: Well Cellars
- 3. Equipment description*: 2 well cellars, each with 36 sq. ft. of surface area ATC/PTO Number: 8977-R10 (Device 003558)
- 4. Equipment make, model & serial number:
- 5. Maximum design process rate or throughput:
- 6. Control device(s) type and description (if any):

II. OPERATIONAL INFORMATION

- 1. Operating schedule: 24_____ hours/day 8760____ hours/year
- 2. Exhaust gas flow rate: _____ SCFM @ _____ %H₂O
- 3. Raw products used and finished products produced:

RAW PRODUCT USED (name)	FEED RATE or CONSUMPTION RATE or OTHER PARAMETER**	FINISHED PRODUCTS PRODUCED (name)	PRODUCTION RATE* (lbs/hr, gal/hr, etc.)

* Equipment may be grouped on a single form if it is of the same type and if the emissions are calculated the same way. ** Choose parameters to allow determination of applicability of federal requirements (e.g. lbs/hr, gallons/hr, tons/yr)

GENERAL EMISSION UNIT (Form 1302-F2)

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Righetti Lease Casmalia

1. Emissions for Emission Units described on previous page

CR	ITERIA POLLU	TANT EMISS	IONS (tons pe	er year)	
POLLUTANTS	I	ROC			
A. Emissions		0.37			
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
OTHER RE	GULATED AIR	POLLUTAN	EMISSIONS	5 (tons per year) ⁴	L .
POLLUTANTS					
A. Emissions					
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
1 For permit revisions only: emissions	nriar to project me	dification			

1 For permit revisions only; emissions prior to project modification.

2 Difference between Pre-Modification Emissions (Section B.) and Emissions (Section A.).

3 For voluntary emissions cap and emission limits [i.e. expressed as parts per million (ppm) corrected for dilution air, pounds per hour (lbs/hr), pounds per million BTU (lb/MMBTU, etc.] required by any applicable federal requirement.

4 HAP emissions must be determined, and those exceeding one ton per year from any emission unit category must also be quantified; if less than one ton per year, just list the HAPs emitted by name.

GENERAL EMISSION UNIT (Form 1302-F1)

APCD:	► APCD USE ONLY 4{
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Righetti Lease Casmalia

I. EMISSION UNIT DESCRIPTION

- 1. General process description: Fugitive Hydrocarbon Components CARB KVB
- 2. Equipment type*: Component Leak Paths.
- 3. Equipment description*: Valves, flanges connections etc. ATC/
- 4. Equipment make, model & serial number: N/A
- 5. Maximum design process rate or throughput: N/A
- 6. Control device(s) type and description (if any):N/A

II. OPERATIONAL INFORMATION

- 1. Operating schedule: 24 hours/day 8760 hours/year
- 2. Exhaust gas flow rate: _____SCFM @ _____%H₂O
- 3. Raw products used and finished products produced:

RAW PRODUCT USED (name)	FEED RATE or CONSUMPTION RATE or OTHER PARAMETER**	FINISHED PRODUCTS PRODUCED (name)	PRODUCTION RATE* (lbs/hr, gal/hr, etc.)

* Equipment may be grouped on a single form if it is of the same type and if the emissions are calculated the same way. ** Choose parameters to allow determination of applicability of federal requirements (e.g. lbs/hr, gallons/hr, tons/yr)

ATC/PTO Number: 8977-R10 (Device 0003556)

GENERAL EMISSION UNIT (Form 1302-F2)

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Righetti Lease Casmalia

4. Emissions for Emission Units described on page(s): all emissions are fugitive and included in fugitive emissions.

CRI	TERIA POLLI	UTANT EMISS	IONS (tons pe	er year)	
POLLUTANTS		ROC			
A. Emissions		0.20			
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					
OTHER REC	GULATED AIF	R POLLUTANI	EMISSIONS	6 (tons per year) ⁴	
POLLUTANTS					
A. Emissions					
B. Pre-Modification Emissions ¹					
C. Emission Change ²					
D. Emission Limit ³					

1 For permit revisions only; emissions prior to project modification.

2 Difference between Pre-Modification Emissions (Section B.) and Emissions (Section A.).

3 For voluntary emissions cap and emission limits [i.e. expressed as parts per million (ppm) corrected for dilution air, pounds per hour (lbs/hr), pounds per million BTU (lb/MMBTU, etc.] required by any applicable federal requirement.

4 HAP emissions must be determined, and those exceeding one ton per year from any emission unit category must also be quantified; if less than one ton per year, just list the HAPs emitted by name.

EXEMPT EMISSIONS UNITS (Form 1302-H)

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Righetti Lease Casmalia

Are you claiming any emitting activities to be insignificant? (See definition at bottom of page)

YES X NO

I. ACTIVITIES CLAIMED TO BE INSIGNIFICANT (Attach supporting calculations)

Activity	Description of Activity/Emission Units	Potential to Emit for each Pollutant
Solvents & Coatings	Lab Cuts & Facility/Equipment Maintenance	0.1 TPY ROC

Insignificant activities are defined in APCD Rule 1301 (definitions). For an activity to be considered insignificant emissions cannot exceed 2 tons per year potential to emit (PTE) any criteria pollutants, and 0.5 tons per year for any regulated HAP.

Note: Insignificant activities are not exempt from Part 70 requirements/permits.

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Righetti Lease Casmalia

I. PROCEDURE FOR USING FORM 1302-I

This form shall be submitted as part of the SBCAPCD's Regulation XIII Application. The Responsible Official shall identify the applicable federal requirement(s) to which the source is subject. In the Compliance Plan (Form 1302-I), a Responsible Official shall identify whether the source identified in the SBCAPCD's Regulation XIII Application currently operates in compliance with all applicable federal requirements.

II. APPLICABLE FEDERAL REQUIREMENTS

Applicable F	ederal Requirement ¹	Affected Emission Unit	In compliance?	Effective
Regulatory Reference ²	Regulation Title ²		(yes/no/exempt ³)	Date ⁴
APCD Rule 301	Circumvention	Entire Source	Yes	In Effect
APCD Rule 302	Visible Emissions	Entire Source	Yes	In Effect
APCD Rule 303	Nuisance	Entire Source	Yes	In Effect
APCD Rule 304	Particulate Matter – Northern Zone	Each PM Source	Yes	In Effect
APCD Rule 309	Specific Contaminants	Combustion Units	Yes	In Effect
APCD Rule 310	Odorous Organic Sulfides	Combustion Units	Yes	In Effect
APCD Rule 311	Sulfur Content of Fuel	Combustion Units	Yes	In Effect
APCD Rule 317	Organic Solvents	Maintenance/Wipe Cleaning	Yes exempt	In Effect
APCD Rule 321	Solvent Cleaning Operations	Maintenance Operations	Yes	In Effect
APCD Rule 322	Metal Surface Coating Thinner and Reducer	Maintenance Operations	Yes	In Effect
APCD Rule 323	Architectural Coatings - Standards	Maintenance Operations	Yes	In Effect
APCD Rule 324	Disposal and Evaporation of Solvents	Maintenance/Wipe Cleaning	Yes	In Effect
APCD Rule 325	Crude Oil Production and Separation	Wash Tank, crude storage tanks, wastewater tanks	Yes	In Effect
APCD Rule 331	Fugitive Emissions Inspection & Maintenance	All components (valves, flanges, seals, compressors, and pumps) used to handle oil and gas	Yes	In Effect
APCD Rule 333	Control of Emissions from Reciprocating IC Engines	Controlled Natural Gas (NG) fired rich burn ICEs	Yes	In Effect

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions,	SOURCE NAME: Righetti Lease Casmalia
LLC	

eum Wells, Sumps llars ng of Organic ives and Sealants and Thermal ers ions of Oxides of on From Large Heaters and Boilers	pits Crude oil loading rack Maintenance Operations Flares Water heaters, boilers, steam generators or process heaters with a rated heat input capacity greater than or equal to 75,000 Btu/hour up to and including 2,000,000 Btu/hr All Emission Units Entire Source Entire Source	(yes/no/exempt³)YesYesYesYesYesYesYesYesYesYesYesYesYesYes	Date ⁴ In Effect In Effect In Effect In Effect In Effect In Effect In Effect In Effect In Effect In Effect In Effect
ing eum Wells, Sumps llars ng of Organic ives and Sealants and Thermal ers ions of Oxides of en From Large Heaters and Boilers down Conditions gency Episode Source Review	wastewater tanks Well cellars, sump, wastewater pits Crude oil loading rack Maintenance Operations Flares Water heaters, boilers, steam generators or process heaters with a rated heat input capacity greater than or equal to 75,000 Btu/hour up to and including 2,000,000 Btu/hr All Emission Units Entire Source Entire Source	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	In Effect In Effect In Effect In Effect In Effect In Effect
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en From Large Heaters and Boilers down Conditions gency Episode Gource Review	generators or process heaters with a rated heat input capacity greater than or equal to 75,000 Btu/hour up to and including 2,000,000 Btu/hr All Emission Units Entire Source Entire Source	Yes Yes	In Effect In Effect
gency Episode Source Review	Entire Source Entire Source	Yes	In Effect
Source Review	Entire Source		
		Yes	In Effect
0 Operating	F : C		1
	Entire Source	Yes	In Effect
Source Review ainment Area and Prevention ificant ration)	Entire Source	Yes	In Effect
Source nance Standards	Entire Source	Yes	In Effect
ds of Performance atile Organic		Exempt there are no tanks at the Arellanes Lease	In Effect
-	Any new or replacement tanks constructed or modified after July 23, 1984	Yes	In Effect
	ration) ource hance Standards ds of Performance atile Organic Storage Vessels	ration) ource Entire Source Entire Source Storage Vessels for petroleum liquids constructed or modified prior to July 23, 1984 Any new or replacement tanks constructed or modified after July	ration)Entire SourceYesource nance StandardsEntire SourceYesds of Performance atile Organic Storage VesselsStorage vessels for petroleum liquids constructed or modified prior to July 23, 1984Exempt there are no tanks at the Arellanes LeaseAny new or replacement tanks constructed or modified after JulyYes

-	
APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Righetti Lease Casmalia

Applicable Federal Requirement ¹		Affected Emission Unit	In compliance? (yes/no/exempt ³)	Effective Date ⁴
Regulatory Reference ²	Regulation Title ²			
40 CFR Part 60 Subpart OOOOa	Greenhouse Gas Emission Standards for Crude Oil and Natural Gas Facilities	Entire Source	Yes	In Effect
And CCR Title 17, Division 3, Chapter 1, Subchapter 10	Climate Change			
40 CFR Part 61	National Emission Standards for Hazardous Air Pollutants	All stationary reciprocating internal combustion engines	Yes	In Effect
40 CFR Part 63	Maximum Achievable Control Technology	None	Exempt per §63.760(e)(1) based on 'black oil' production	In Effect
40 CFR Part 63 Subpart HH	National Emission Standards for Hazardous Air Pollutants (NESHAP) From Oil and Natural Gas Production Facilities	Entire Source	Exempt – Not a major source of HAP's	In Effect
40 CFR Part 63 Subpart ZZZZ		All stationary reciprocating internal combustion engines	Yes There are no ICEs at NR Bonetti Lease	In Effect
40 CFR Part 64	Compliance Assurance Monitoring	Emission units with a control device used to comply with an emission standard	Exempt – no control devices used to comply with an emission standard	In Effect
40 CFR Part 70	Operating Permits	Entire Source	Yes	In Effect

1 Review APCD SIP Rules, NSPS, NESHAPS, and MACTs.

2 Regulatory Reference is the abbreviated citation (e.g. 40 CFR 60 Subpart OOO, APCD Rule 325.H) and Title is the prosaic title (e.g. NSPS Standards of Performance for Nonmetallic Mineral Processing Plants, Crude Oil Production and Separation, Inspection)

3 If exempt from applicable federal requirement, include explanation for exemption.

4 Indicate the date during the permit term that the applicable federal requirement will become effective for the emission unit.

APCD:		► APCD USE ONLY <.		
Santa Barbara County Air Pollution Control District		APCD IDS Processing ID:		
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC		SOURCE NAME: Righetti Lease Casmalia		
Other Applicable Federal Requirements ⁵ NOTE: PC # varies in each PTO	Affected Emissi	on Unit	In compliance?	Effective Date
PTO 8977-R10Condition 1	All Devices		Yes	In Effect
Emission Limits				
PTO 8977-R10Condition 2.	All Devices		Yes	In Effect
Operating Restrictions				
PTO 8977-R10 Condition 3	All Devices		Yes	In Effect
Monitoring				
PTO 8977-R10Condition 4	All Devices		Yes	In Effect
Recordkeeping				
PTO 8977-R10Condition 5	All Devices		Yes	In Effect
Reporting				
PTO 8977-R10Condition 6	All Devices		Yes	In Effect
Requirements for Produced Gas				
PTO 8977-R10Condition 7	All component leak paths		Yes	In Effect
Fugitive Hydrocarbon Emissions	An component leak pairs		105	III LIICCC
PTO 8977-R10Condition 8	All Devices		Yes	In Effect
Greenhouse Gas Emissions Standards	All Devices		105	III LIICCC
PTO 8977-R10Condition 9	All Devices		Yes	In Effect
Consistency with Analysis	All Devices		105	III Effect
PTO 8977-R10-R10Condition 10	All Devices		Yes	In Effect
Equipment Maintenance	All Devices		105	III Effect
PTO 8977-R10Condition 11	All Devices		Yes	In Effect
Compliance	All Devices		103	III LIICOU
PTO 8977-R10Condition 12	All Devices		Yes	In Effect
Severability	All Devices		1 05	III Effect
PTO 8977-R10Condition 13	All Devices		Yes	In Effect
Conflict Between Permits	All Devices		1 05	III Ellect
PTO 8977-R10Condition 14	All Devices		Yes	In Effect
Access to Records and Facilities	All Devices		1.05	III Ellect
PTO 8977-R10Condition 15	All Devices		Yes	In Effect
Equipment Identification	All Devices		1 05	III Effect
PTO 8977-R10Condition 16	All Devices	All Devices		In Effect
Emission Factor Revisions	All Devices		Yes	III Effect
PTO 8977-R10Condition 17	All Devices		Yes	In Effect
	All Devices		1 05	III Effect
Nuisance	All Davi		V-	
PTO 8977-R10Condition 18	All Devices		Yes	In Effect
Grounds for Revocation	All Davi		V-	
PTO 8977-R10Condition 19	All Devices		Yes	In Effect
Transfer of Owner/Operator			V	
PTO 8977-R10Condition 20	All Devices		Yes	In Effect
Documents Incorporated by Reference				

*** If more than one page is used, please ensure that "Santa Barbara APCD", stationary source name and "Form 1302-11" appear on each page. ***

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS Processing ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Righetti Lease Casmalia

III. COMPLIANCE CERTIFICATION

Under penalty of perjury, I certify the following:

- X Based on information and belief formed after reasonable inquiry, the source identified in this application will continue to comply with the applicable federal requirement(s) with which the source is in compliance identified in form 1302-I1;
- X Based on information and belief formed after reasonable inquiry, the source identified in this application will comply with the future-effective applicable federal requirement(s) identified in form 1302-I1, on a timely basis¹;

Based on information and belief formed after reasonable inquiry, the source identified in this application is not in compliance with the applicable federal requirement(s), identified in form 1302-I1, and I have attached a compliance plan schedule.²

K. Eran

Signature of Responsible Official

12/15/23

- 1. Unless a more detailed schedule is expressly required by the applicable federal requirement.
- 2. At the time of expected permit issuance, if the source expects to be out of compliance with an applicable federal requirement, the applicant is required to provide a compliance schedule with this application, with the following exception. A source which is operating under a variance that is effective for less than 90 days need not submit a Compliance Schedule. For sources operating under a variance, which is in effect for more than 90 days, the Compliance Schedule is the schedule that was approved as part of the variance granted by the hearing board.

The compliance schedule shall contain a schedule of remedial measures, including an enforceable sequence of actions with milestones, leading to compliance with this applicable federal requirement. For sources operating under a variance, the compliance schedule is part of the variance granted by the hearing board. The compliance schedule shall resemble, and be at least as stringent as that contained in any judicial consent decree or administrative order to which the source is subject. For sources not operating under a variance, consult the Air Pollution Control Officer regarding procedures for obtaining a compliance schedule.

Page <u>19</u> of <u>21</u>

CERTIFICATION STATEMENT (Form 1302-M)

APCD:	► APCD USE ONLY <.
Santa Barbara County Air Pollution Control District	APCD IDS PROCESSING ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: NR Bonetti Lease Casmalia

Identify, by checking off below, the forms and attachments that are part of your application. If the application contains forms or attachments that are not identified below, please identify these attachments in the blank space provided below. Review the instructions if you are unsure of the forms and attachments that need to be included in a complete application.

Forms included with application	Attachments included with application
 Stationary Source Summary Form Total Stationary Source Emission For Compliance Plan Form Compliance Plan Certification Form Exempt Equipment Form Certification Statement Form List other forms or attachments APCD -01 [] check here if additional forms listed on back []	 Description of Operating Scenarios X Sample emission calculations X Fugitive emission estimates X List of Applicable requirements Discussion of units out of compliance with applicable federal requirements and, if required, submit a schedule of Compliance Facility schematic showing emission points NSR Permit PSD Permit Compliance Assurance monitoring protocols Risk management verification per 112(r)

I certify under penalty of law, based on information and belief formed after reasonable inquiry, that the information contained in this application, composed of the forms and attachments identified above, are true, accurate, and complete.

I certify that I am the responsible official, as defined in SBCAPCD's Regulation XIII, Rule 1301 or USEPA's 40 CFR Part 70. 12/15/23

P. Buri

Signature of Responsible Official

Date

Print Name of Responsible Official: Philip Brown

Title of Responsible Official and Company Name: Chief Operations Officer

CERTIFICATION STATEMENT (Form 1302-M continued)

APCD:	► APCD USE ONLY ""
Santa Barbara County Air Pollution Control District	APCD IDS PROCESSING ID:
COMPANY NAME: Pacific Coast Energy Acquisitions, LLC	SOURCE NAME: Righetti Lease Casmalia

List Other Forms or Attachments (cont.)

EMISSION CALCULATIONS

Permit to Operate 08977 - R10

ATTACHMENT A Emission Calculations

FUGITIVE HYDROCARBON EMISSION CALCULATIONS - CARB/KVB METHOD (Ver. 6.0)

Page 1 of 2

<u>Reference</u>

User Input

Permit Application

Permit Application

Permit Application

Permit Application

Permit Application

Permit Application

Permit Application

Permit Application

Permit Application Table Below

Attachment:	A-1
Permit Number:	Reeval 8977-R10
Facility:	Righetti Lease

Input Data

Facility Information	<u>Value</u>	<u>Units</u> wells
Number of Active Wells at Facility Facility Gas Production	800,000	scf/day
Facility Dry Oil Production Facility Gas to Oil Ratio (if > 500 then default to 501)		bbls/day scf/bbl
API Gravity Facility Model Number		degrees API dimensionless
No. of Steam Drive Wells with Control Vents No. of Steam Drive Wells with Uncontrolled Vents		wells wells
No. of Cyclic Steam Drive Wells with Control Vents No. of Cyclic Steam Drive Wells with Uncontrolled Vents	0	wells wells
Composite Valve and Fitting Emission Factor	2.8053	lb/day-well

Emission Factor Based on Lease Model

Lease Model	Valve Without Ethane	Fitting Without Ethane	Composite Without	Units
1	1.4921	0.9947	2.4868	lbs/day-well
2	0.6999	0.6092	1.3091	lbs/day-well
3	0.0217	0.0673	0.0890	lbs/day-well
4	4.5090	2.1319	6.6409	lbs/day-well
5	0.8628	1.9424	2.8053	lbs/day-well
6	1.7079	2.5006	4.2085	lbs/day-well

Model #1: Number of wells on lease is less than 10 and the GOR is less than 500. Model #2: Number of wells on lease is between 10 and 50 and the GOR is less than 500. Model #3: Number of wells on lease is greater than 50 and the GOR is less than 500. Model #4: Number of wells on lease is less than 10 and the GOR is greater than 500. Model #5: Number of wells on lease is between 10 and 50 and the GOR is greater than 500. Model #6: Number of wells on lease is greater than 50 and the GOR is greater than 500.

Reference: CARB speciation profiles numbers 529, 530, 531, 532

CARB KVB ROC Potential to Emit

Emission Source	lb/day	TPY
Valves and Fittings ^a	1.12	0.20
Sumps, Wastewater Tanks and Well Cellars ^b	2.03	0.37
Oil/Water Separators ^b	0.00	0.00
Pumps/Compressors/Well Heads ^a	0.03	0.01
Enhanced Oil Recovery Fields	0.00	0.00
Total ROC Potential to Emit ^c	3.19	0.58

Notes:

a. Emissions amount reflect an 80% reduction due to Rule 331 implementation.

b. Emissions reflect control efficiencies where applicable.

c. Due to rounding, the totals may not appear correct

Permit to Operate 08977 - R10

ATTACHMENT A Emission Calculations

		Page 2 of	2		
Unit Type Emission Calculations					
Pumps, Compressors, and Well He	eads Uncontrolled Em	ission Calculations			
				-	
	Value	Units	Reference		
Number of Wells Wellhead Emissions	2 0.0194	wells lb-ROC/day	Permit Application Calculated Value	-	
FHC from Pumps	0.0078	lb-ROC/day	Calculated Value	-	
FHC from Compressors	0.1358	lb-ROC/day	Calculated Value	-	
Total ROC Emissions	0.16	b-ROC/day	Calculated Value		
Nell Cellars, Sumps, Covered Was	stewater Tanks, and O	il/Water Separator	<u>s</u>		
Separation Level	Heavy Oil Service	Light Oil Service	Units	1	
Primary	0.0941	0.1380	lb ROC/ft ² -day	1	
Secondary	0.0126	0.0180	b ROC/ft ² -day	1	
Tertiary	0.0058	0.0087	lb ROC/ft ² -day]	
	CELLARS			Level of Separation	-
Equipment Type	Number 2	Total Area (ft ²)	Primary	Secondary	Tertiary
Well Cellars ^(a)	2	72	2.03	0.00	
				0.00	0.00
Daily ROC E	missions (b/day)		2.03	0.00	0.00
Equipment Type	STEWATER TANKS Number	Total Area (ft ²)	Primary	Level of Separation Secondary	Tertiary
Covered Wastewater	0	0	0.00	0.00	
Tank ^(a)	0	0		0.00	0.00
Daily ROC E	missions (lb/day)		0.00	0.00	0.00
Notes: a. A 85% reduction is applied. COVERED WASTEWATER	TANK WITH VAPOR	RECOVERY		Level of Separation	
Equipment Type	Number	Total Area (ft ²)	Primary	Secondary	Tertiary
Covered Wastewater	0	0	0.00		
Tank with Vapor Recovery ^(a)	0	0		0.00	
	missions (lb/day)	0	0.00	0.00	0.00
<u>Votes:</u> a. A 95% reduction is applied.	ER SEPARATORS			Туре	0.00
Equipment Type	Total Through	put (MMgal)	Covered	Vapor Recovery	Open Top
Oil and Water Separators ^{(a)(b)}	0		0.00		· ····P
	0			0.00	
	0				0.00
Daily ROC E	missions (lb/day)		0.00	0.00	0.00
Notes: a. A 85% reduction is applied for covere b. Emission Factor of 560 Ib-ROC/Mmg		vapor recovery, and 0	% for open top.	Date: 3/8/2022	
Processed By: KMB					

PROJECT DESCRIPTION

This facility consists of two oil and gas production wells, two well cellars, one separator, and associated fugitives. There is no other oil and gas production equipment subject to permit at this location. Production is routed to the central processing facility located at Morganti Lease via pipeline.