CRIMSON CALIFORNIA

integrity connectivity reliability

February 14, 2017

Dan Searcy
Manager, Compliance Division
Ventura County Air Pollution Control District
669 County Square Drive
Ventura, CA 93003

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED
CLAIM NO. 7016 1370 0001 2436 8225

SUBJECT: 2017 TITLE V ANNUAL COMPLIANCE CERTIFICATION
VENTURA HARBOR STATION FACILITY ID 00082

Dear Mr. Searcy:

Enclosed is the Title V Annual Compliance Certification for Crimson California Pipeline, L.P.'s Ventura Harbor Station Facility ID 00082. This report covers the compliance period of January 1, 2016 through December 31, 2016.

Should any questions arise feel free to contact Crimson Environmental at (562) 285-4040.

Respectfully,

V. R. Jackson

Valerie Jackson
VP Engineering & Regulatory Affairs

CC: Mr. Gerardo Rios, Chief, EPA Region 9

Enclosures: Title V Annual Compliance Certification 1/1/2016 – 12/31/2016

Pipeline SMS

3760 Kilroy Airport Way, Suite 300, Long Beach, CA 90806

CRIMSON PIPELINE

VENTURA HARBOR STATION
FACILITY ID 00082

Ventura County Air Pollution Control District
Title V Annual Compliance Certification
January 1, 2016 – December 31, 2016

3760 Kilroy Airport Way, Suite 300
Long Beach, CA 90806

(562) 285-4100
www.crimsonpl.com

Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION
SIGNATURE COVER FORM

A copy of each Annual Compliance Certification shall be submitted to EPA, Region 9, at the following address:

Mr. Gerardo Rios, Chief
Permits Office (AIR-3)
Office of Air Division
EPA Region 9
75 Hawthorne Street
San Francisco, CA 94105

Confidentiality

All information in a Part 70 permit compliance certification is public information. The Part 70 permit is also public information.

Certification by Responsible Official

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in this compliance certification are true, accurate, and complete.

Signature and Title of Responsible Official:	Date:
Title: President	2/14/17

Time Period Covered by Compliance Certification

01 / 01 / 16 (MM/DD/YY) to 12 / 31 / 16 (MM/DD/YY)

Ventura County
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ANNUAL COMPLIANCE CERTIFICATION
PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 01 / 01 / 16 (MM/DD/YY) to 12 / 31 / 16 (MM/DD/YY)

A. Attachment # or Permit Condition #: Attachment No. 71.2N2	D. Frequency of monitoring: Annually
B. Description: External floating roof crude oil storage tank ≥ 40,000 gallons Rules 71.2B4, 71.2C.1, 71.2D, 71.2E.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable: Rule 71.2 Inspection
C. Method of monitoring: Secondary seals were inspected on May 9, 2016. Primary seals last inspected on May 13, 2015.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment No. 71.4N1	D. Frequency of monitoring: Quarterly
B. Description: Sumps, pits, and ponds with covers. Fugitive emissions monitoring and integrity of cover.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable: EPA Method 21
C. Method of monitoring: Quarterly fugitive emission (Rule 74.10) inspections were conducted on Feb 17, 2016; May 4, 2016; Jul 29, 2016; and Oct 7, 2016. The integrity of the cover was verified. No leaks greater than 10,000 ppm were discovered.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment No. 74.9N3	D. Frequency of monitoring: Quarterly
B. Description: Stationary natural gas fired - rich-burn internal combustion engine quarterly inspections and biennial source test.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable: CARB Method 100
C. Method of monitoring: Quarterly Emissions testing conducted on Mar 10, 2016; Jun 23, 2016; Sep 8, 2016 (Enterprise only); and Nov 17, 2016 (Enterprise only). Caterpillar G-1 operated 2hrs during 3rd qtr and did not operate during 4th qtr. As a result Caterpillar G-1 was exempt per Rule 74.6B (5). Biennial source test last conducted on Jan 23, 2015.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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Period Covered by Compliance Certification: 01 / 01 / 16 (MM/DD/YY) to 12 / 31 / 16 (MM/DD/YY)

A. Attachment # or Permit Condition #: Attachment No. 40CFR63ZZZZN5	D. Frequency of monitoring: Every 1,440 hours or annually, whichever comes first
B. Description: RICE MACT for non-emergency 4SRB =< 500HP oil and filter change maintenance.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: Maintenance records, hours of operation.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): Y *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attach No. PO0082PC1 - Cond No. 1	D. Frequency of monitoring: Monthly
B. Description: Throughput and consumption limits.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: Facility throughput and fuel consumption for engines and/or tanks recorded monthly.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attach No. PO0082PC1 - Cond No. 2	D. Frequency of monitoring: Intermittent
B. Description: Combustion equipment shall only burn natural gas.	E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: Combustion equipment only burns natural gas.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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Period Covered by Compliance Certification: 01 / 01 / 16 (MM/DD/YY) to 12 / 31 / 16 (MM/DD/YY)

A. Attachment # or Permit Condition #: Attach No. PO0082PC1 - Cond No. 3 B. Description: Solvent usage and exemptions.	D. Frequency of monitoring: Monthly E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: Safety data sheets and additional information of any solvents used during this compliance period obtained and reviewed. Usage of required solvents logged monthly.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment No. PO0082PC2 B. Description: BACT for Caterpillar Engine G-1 - emissions limits (ROC, NOx, CO). Monitor Air:Fuel ratio controller readings quarterly.	D. Frequency of monitoring: Quarterly E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable CARB Method 100
C. Method of monitoring: Biennial source test last conducted on Jan 23, 2015. Air:Fuel ratio controllers monitored on Engine Data Sheets.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment No. 50 B. Description: Opacity observation at the facility	D. Frequency of monitoring: Intermittent E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable EPA Method 9
C. Method of monitoring: Annual opacity conducted by AirX Testing Services, Inc. on Nov 17, 2016. Opacity surveillance and visual inspections of emissions conducted and recorded on fugitive emission log.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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Period Covered by Compliance Certification: 01 / 01 / 16 (MM/DD/YY) to 12 / 31 / 16 (MM/DD/YY)

A. Attachment # or Permit Condition #: Attachment No. 54.B.1 B. Description: Sulfur emissions from combustion operations at point of discharge; follow monitoring requirements under Rule 64.	D. Frequency of monitoring: Intermittent E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: Facility follows monitoring requirements under Rule 64. Only PUC grade natural gas combusted at this facility. No additional periodic monitoring required.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment No. 54.B.2 B. Description: Emission of sulfur compounds.	D. Frequency of monitoring: Intermittent E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: Only PUC grade natural gas combusted at this facility.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment No. 55 B. Description: Fugitive Dust.	D. Frequency of monitoring: Intermittent E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: No dust generating activities were conducted at this facility during this compliance period.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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Period Covered by Compliance Certification: 01 / 01 / 16 (MM/DD/YY) to 12 / 31 / 16 (MM/DD/YY)

A. Attachment # or Permit Condition #: Attachment No. 57.1 B. Description: Particulate matter emissions from fuel burning equipment.	D. Frequency of monitoring: Intermittent E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: This facility does not have any fuel burning equipment such as boilers, steam generators, process heaters, water heaters, flares, and gas turbines. Internal combustion engines do not apply.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment No. 64.B.1 B. Description: Sulfur content of fuels - gaseous fuel requirements.	D. Frequency of monitoring: Intermittent E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: Only PUC grade natural gas combusted at this facility. No periodic monitoring required.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment No. 74.6 B. Description: Solvent cleaning activities	D. Frequency of monitoring: Intermittent E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: No reportable solvents used at this facility during this compliance period.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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Period Covered by Compliance Certification: 01 / 01 / 16 (MM/DD/YY) to 12 / 31 / 16 (MM/DD/YY)

A. Attachment # or Permit Condition #: Attachment No. 74.10 B. Description: Fugitive leak and leak inspections.	D. Frequency of monitoring: Quarterly E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable EPA Method 21
C. Method of monitoring: Quarterly component leak detection inspections conducted on Feb 17, 2016; May 4, 2016; Jul 29, 2016; and Oct 7, 2016. Routine surveillance at this unmanned facility recorded on fugitive emission log.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment No. 74.11.1 B. Description: Large water heaters and small boilers.	D. Frequency of monitoring: Intermittent E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: This facility is not equipped with large water heaters or small boilers.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment No. 74.22 B. Description: Requirements for natural gas-fired fan-type central furnaces	D. Frequency of monitoring: Intermittent E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: This facility is not equipped with fan-type central furnaces.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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Period Covered by Compliance Certification: 01 / 01 / 16 (MM/DD/YY) to 12 / 31 / 16 (MM/DD/YY)

A. Attachment # or Permit Condition #: Attachment No. 74.1 B. Description: Abrasive blasting.	D. Frequency of monitoring: Intermittent E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: No abrasive blasting activities were conducted at this facility during this compliance period.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment No. 74.2 B. Description: Architectural coatings.	D. Frequency of monitoring: Intermittent E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: No architectural coatings were applied at this facility during this compliance period.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment No. 74.26 B. Description: Crude oil storage tank degassing operations.	D. Frequency of monitoring: Intermittent E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: No crude oil storage tank degassing activities were conducted at this facility during this compliance period.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

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Period Covered by Compliance Certification: 01 / 01 / 16 (MM/DD/YY) to 12 / 31 / 16 (MM/DD/YY)

A. Attachment # or Permit Condition #: Attachment No. 74.29N3 B. Description: Soil decontamination operation.	D. Frequency of monitoring: Intermittent E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: No soil decontamination activities were conducted at this facility during this compliance period.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: Attachment No. 40 CFR.61.M B. Description: National emission standards for asbestos	D. Frequency of monitoring: Intermittent E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A
C. Method of monitoring: No asbestos removal, renovation, or demolition activities were conducted at this facility during this compliance period.	F. Currently in Compliance? (Y or N): Y G. Compliance Status? (C or I): C H. *Excursions, exceedances, or other non-compliance? (Y or N): N *If yes, attach Deviation Summary Form

A. Attachment # or Permit Condition #: B. Description:	D. Frequency of monitoring: E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable
C. Method of monitoring:	F. Currently in Compliance? (Y or N): _____ G. Compliance Status? (C or I): _____ H. *Excursions, exceedances, or other non-compliance? (Y or N): _____ *If yes, attach Deviation Summary Form

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ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 01 / 01 / 16 (MM/DD/YY) to 12 / 31 / 16 (MM/DD/YY)

A. Emission Unit Description:			B. Pollutant:
415 HP Caterpillar NG Rich Burn Engine G-1			NOx
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
3.6 ppmv @ 15% O2	9 ppmv @15% O2	AirX Testing Services, Inc.	Mar 3, 2016

A. Emission Unit Description:			B. Pollutant:
415 HP Caterpillar NG Rich Burn Engine G-1			CO
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
72 ppmv @ 15% O2	1,000 ppmv @15% O2	AirX Testing Services, Inc.	Mar 3, 2016

A. Emission Unit Description:			B. Pollutant:
465 HP Enterprise GSG-6 NG Rich Burn Engine G-3			NOx
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
18.4 ppmv @ 15% O2	25 ppmv @15% O2	AirX Testing Services, Inc.	Mar 3, 2016

A. Emission Unit Description:			B. Pollutant:
465 HP Enterprise GSG-6 NG Rich Burn Engine G-3			CO
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
2,975 ppmv @ 15% O2	4,500 ppmv @ 15% O2	AirX Testing Services, Inc.	Mar 3, 2016

A. Emission Unit Description:			B. Pollutant:
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:

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SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 01 / 01 / 16 (MM/DD/YY) to 12 / 31 / 16 (MM/DD/YY)

A. Emission Unit Description:			B. Pollutant:
415 HP Caterpillar NG Rich Burn Engine G-1			NOx
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
2.3 ppmv @ 15% O2	9 ppmv @15% O2	AirX Testing Services, Inc.	Jun 23, 2016

A. Emission Unit Description:			B. Pollutant:
415 HP Caterpillar NG Rich Burn Engine G-1			CO
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
679 ppmv @ 15% O2	1,000 ppmv @15% O2	AirX Testing Services, Inc.	Mar 3, 2016

A. Emission Unit Description:			B. Pollutant:
465 HP Enterprise GSG-6 NG Rich Burn Engine G-3			NOx
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
22.7 ppmv @ 15% O2	25 ppmv @15% O2	AirX Testing Services, Inc.	Jun 23, 2016

A. Emission Unit Description:			B. Pollutant:
465 HP Enterprise GSG-6 NG Rich Burn Engine G-3			CO
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
1,640 ppmv @ 15% O2	4,500 ppmv @ 15% O2	AirX Testing Services, Inc.	Jun 23, 2016

A. Emission Unit Description:			B. Pollutant:
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:

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SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 01 / 01 / 16 (MM/DD/YY) to 12 / 31 / 16 (MM/DD/YY)

A. Emission Unit Description:			B. Pollutant:
415 HP Caterpillar NG Rich Burn Engine G-1			NOx
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
Exempt per Rule 74.9B(5) 3rd Qtr - Operated 2 hrs	9 ppmv @15% O2		

A. Emission Unit Description:			B. Pollutant:
415 HP Caterpillar NG Rich Burn Engine G-1			CO
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
Exempt per Rule 74.9B(5) 3rd Qtr - Operated 2 hrs	1,000 ppmv @15% O2		

A. Emission Unit Description:			B. Pollutant:
465 HP Enterprise GSG-6 NG Rich Burn Engine G-3			NOx
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
6.1 ppmv @ 15% O2	25 ppmv @15% O2	AirX Testing Services, Inc.	Sep 8, 2016

A. Emission Unit Description:			B. Pollutant:
465 HP Enterprise GSG-6 NG Rich Burn Engine G-3			CO
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
3,800 ppmv @ 15% O2	4,500 ppmv @ 15% O2	AirX Testing Services, Inc.	Sep 8, 2016

A. Emission Unit Description:			B. Pollutant:
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:

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SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 01 / 01 / 16 (MM/DD/YY) to 12 / 31 / 16 (MM/DD/YY)

A. Emission Unit Description:			B. Pollutant:
415 HP Caterpillar NG Rich Burn Engine G-1			NOx
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
Exempt per Rule 74.9B(5) 4th Qtr - Not operated	9 ppmv @15% O2		

A. Emission Unit Description:			B. Pollutant:
415 HP Caterpillar NG Rich Burn Engine G-1			CO
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
Exempt per Rule 74.9B(5) 4th Qtr - Not operated	1,000 ppmv @15% O2		

A. Emission Unit Description:			B. Pollutant:
465 HP Enterprise GSG-6 NG Rich Burn Engine G-3			NOx
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
20.9 ppmv @ 15% O2	25 ppmv @15% O2	AirX Testing Services, Inc.	Nov 17, 2016

A. Emission Unit Description:			B. Pollutant:
465 HP Enterprise GSG-6 NG Rich Burn Engine G-3			CO
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:
2,925 ppmv @ 15% O2	4,500 ppmv @ 15% O2	AirX Testing Services, Inc.	Nov 17, 2016

A. Emission Unit Description:			B. Pollutant:
C. Measured Emission Rate:	D. Limited Emission Rate:	E. Specific Source Test or Monitoring Record Citation:	F. Test Date:

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DEVIATION SUMMARY FORM

Period Covered by Compliance Certification: 01 / 01 / 16 (MM/DD/YY) to 12 / 31 / 16 (MM/DD/YY)

A. Attachment # or Permit Condition #:	B. Equipment description:	C. Deviation Period: Date & Time
Attachment No. 40CFR63ZZZZN5 RICE MACT	415 HP Caterpillar NG Rich Burn Engine G-1	Begin: Sep 4, 2016 End: Feb 3, 2017 When Discovered: Date & Time Jan 25, 2017 3:00pm
D. Parameters monitored: Engine Oil & Filter Change	E. Limit: Every 1,440 hours or annually, whichever comes first	F. Actual: 17 months (operated 331 hours between inspections)
G. Probable Cause of Deviation: Awareness of annual maintenance requirement.	H. Corrective actions taken: Form updated to include the annual maintenance requirement. Engine hour and date of next required maintenance will be posted near engines to remind personnel on-site of upcoming maintenance.	

A. Attachment # or Permit Condition #:	B. Equipment description:	C. Deviation Period: Date & Time
Attachment No. 40CFR63ZZZZN5 RICE MACT	465 HP Enterprise GSG-6 NG Rich Burn Engine G-3	Begin: Unknown End: Jun 15, 2016 When Discovered: Date & Time Jun 13, 2016
D. Parameters monitored: Engine Oil & Filter Change	E. Limit: Every 1,440 hours or annually, whichever comes first	F. Actual: 1,522 hours (exceeded by 82 hours)
G. Probable Cause of Deviation: Mistracking of engine hours.	H. Corrective actions taken: Engine hour and date of next required maintenance will be posted near engines to remind personnel on-site of upcoming maintenance.	

A. Attachment # or Permit Condition #:	B. Equipment description:	C. Deviation Period: Date & Time
		Begin: End: When Discovered: Date & Time
D. Parameters monitored:	E. Limit:	F. Actual:
G. Probable Cause of Deviation:	H. Corrective actions taken:	

Ventura County Air Pollution Control District

RULE 71.2 COMPLIANCE REPORT

PLEASE COMPLETE FORM LEGIBLY IN BLACK INK

Tank No 150305 VCAPCD Permit No. 00082 Inspection Date 05 09 2016 Time 08:43

Is This a Follow-up Inspection? No X Yes ☐ If yes, Date of Previous Inspection _____

A. COMPANY INFORMATION:

Company Name: Crimson Pipeline LLC

Location Address: ~~3760 Kilroy Airport Way, Suite 300~~ 1200 SPINNAKER DR. City: ~~Long Beach~~ VENTURA Zip: ~~90806~~ 93001 DMD

Mailing Address: ~~Same as above.~~ 3760 KILROY AIRPORT WAY #300 City: LONG BEACH Zip: 90806

Contact Person: Donna M. Diaz Title: Enviromental Engineer

Phone: (562) 353-6952

B. INSPECTION CONDUCTED BY:

Name: Sebastian Vidopol Title: Inspector

Company Name: HMT Inspection Phone: 3103651729

Mailing Address: 4075 E La Palma Ave., Suite M, City: Anaheim Zip: 92807

C. TANK INFORMATION:

Capacity 160000 (bbls) Installation Date 1951 Tank Diameter 150.00 (ft) Tank Height 50' 7" (ft)

Product Type Crude Oil Product RVP NO DATA If Crude, H_2S Content NO DATA (ppm weight)

Type of Tank: Riveted ☐ Welded ☒ Other ☐ (describe) _____

Color of Shell TAN Color of Roof WHITE

Roof Type: Pontoon ☒ Double Deck Other(describe) _____

External floating roof ☒ Internal floating roof ☐

D. GROUND LEVEL INSPECTION:

1) Product Temperature 67.2 °F 2) Product level 20FT 4.750 in (ft)

3) List type and location of leaks found in tank shell.

None

4) List any discrepancies between the existing equipment and the equipment description on the Permit.

None

5) Is tank in compliance with Permit conditions? No ☐ Yes If no, explain _____

E. INTERNAL FLOATING ROOF TANK:

1) Check vapor space between floating roof and fixed roof with explosimeter. N/A % LEL

2) Conduct visual inspection of roofs and secondary seals, if applicable. N/A

3) Are all roof openings covered? If no, explain in Comments section (J) and proceed to part (H)(6).

F. **EXTERNAL FLOATING ROOF TANK:**

1) On the diagram (below) indicate the location of the ladder, roof drain(s), anti-rotation device(s), platform, gauge well, and vents or other appurtenances. *Note information in relation to North (to the top of the worksheet).*

2) Describe any uncovered openings found on the roof in the Comments section J

3) Identify any tears in the seal fabric. Describe and indicate on diagram (below):

4) Secondary Seal Inspection

a) Type of Secondary Seal: DOUBLE WIPER

b) Does 1/2" probe drop past seal? No ☒ Yes ☐ if yes, measure length(s) and show on diagram

c) Does 1/8" probe drop past seal? No ☒ Yes ☐ if yes, measure length(s) and show on diagram.

d) Record dimensions of gap for gaps > 1/8" Ø >1/2" Ø

NOTE: Record the actual width and cumulative length of gaps in feet and inches.

(Do not include gaps > 1/2" in 1/8" measurements)

5) Primary Seal Inspection NOT INSPECTED AT THIS TIME

a) Type of Primary Seal: ☒ Metallic Shoe; ☐ Tube; ☐ Other

b) (shoe seal) does 1-1/2" probe drop past seal? No ☐ Yes ☐; if yes, measure length(s) and show on diagram.

c) (shoe seal) does 1/2" probe drop past seal? No ☐ Yes ☐ if yes, measure length(s) and show on diagram.

d) (tube seal) does 1/2" probe drop past seal? if yes, measure (length(s) and show on diagram.

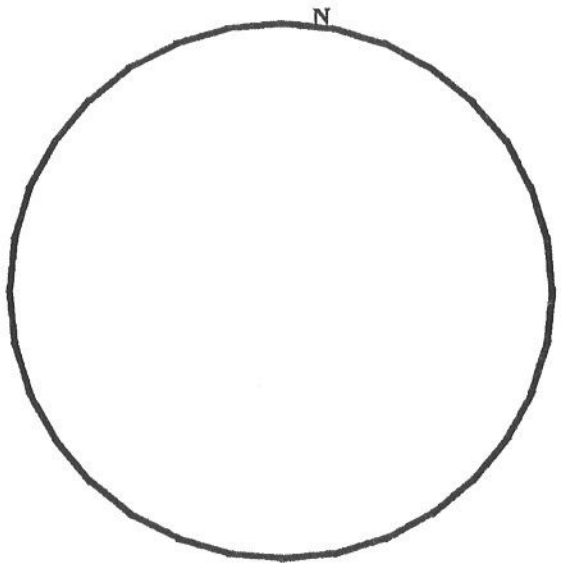
e) (all seal types) does 1/8" probe drop past seal? No ☐ Yes ☐ if yes, measure (length(s) and show on diagram.

f) Record dimensions of gaps for gaps >1/8" n/a > 1/2" n/a

>1-1/2" n/a *NOTE: Record the actual width and cumulative length of gaps in feet and inches.*

(Do not include gaps > 1/2" in 1/8" measurements, or gaps > 1-1/2" in 1/2" measurements)

NOTE: Show defects using symbols. Show seal gaps and lengths.



LEGEND:

Equipment:

	Antirotational device
	Gauge well
Â	Leg stand
	Roof drain
*	Emergency roof drain
8	Vacuum breaker
•	Vent
	Platform & ladder

Defects:

	Leg top
×	Leg pin
	Open hatch
\/\	Torn seal
|-P-|	Primary seal gap
|-S-|	Secondary seal gap

Ventura County Air Pollution Control District

RULE 71.2 COMPLIANCE REPORT

PLEASE COMPLETE FORM LEGIBLY IN BLACK INK

Tank No. 150305 VCAPCD Permit No. 00082

IF INTERNAL FLOATING ROOF TANK, PROCEED TO PART H(6).

G. CALCULATIONS - complete all applicable portions of the following:

Record dimensions of indicated gaps [from F(4)(d), F(5)(b), and F(5)(f)]. Record in feet and inches.

Gaps in primary seal between 1/8 and 1/2 inch: n/a

Gaps in primary seal between 1/2 and 1-1/2 inch: n/a

Gaps in primary seal greater than 1-1/2 inches: n/a

Gaps in secondary seal between 1/8 and 1/2 inch: ø

Gaps in secondary seal greater than 1/2 inch: ø

Multiply diameter (ft) of tank to determine appropriate gap limits: Diameter 150 feet

5% circumference = diameter X 0.157 =	23.55	60% circ. = diam. X 1.88 =	
10% circumference = diameter X 0.314 =	47.1	90% circ. = diam. X 2.83 =	
40% circumference = diameter X 0.942 =	188.4	95% circ. = diam. X 2.98 =	

H. DETERMINE COMPLIANCE STATUS OF TANK:

1)	Were any openings found on the roof? → N/A.		No ☐	Yes ☐
2)	Were any tears in the seals found: → N/A		No ☐	Yes ☐
3)	Is the product level lower than the level at which the roof would be floating?		No ☒	Yes ☐
4)	Secondary Seal:			
		Did 1/2" probe drop between shell and seal?	No ☒	Yes ☐
		Did cumulative 1/8" - 1/2" gap exceed 5% circumference length?	No ☒	Yes ☐
5)	Primary Seal			
	Shoe	Did 1-1/2" probe drop between shell and seal? N/A	No ☐	Yes ☐
		Did cumulative 1/2" - 1-1/2" gap exceed 10% circumference length, and N/A		
		Did cumulative 1/8 - 1/2" gap exceed 40% circumference length? N/A	No ☐	Yes ☐
		Did any single continuous 1/8" - 1-1/2" gap exceed 10% circ. length? N/A	No ☐	Yes ☐
	Tube	Did 1/2" probe drop between shell and seal N/A	N/A	
		Did cumulative 1/8" - 1/2" gap exceed 95% circumference length? N/A	N/A	
6)	Internal floating roof (installed before 6/1/84) did LEL exceed 50% N/A		N/A	
		(installed after 6/1/84) did LEL exceed 30%?	N/A	
7)	Does tank have permit conditions? * FOR 2nd SEAL ONLY.		No ☐	Yes ☒
		Does tank comply with these conditions?	No ☐	Yes ☒

I. IF INSPECTION WAS TERMINATED PRIOR TO COMPLETION FOR ANY REASON, PLEASE EXPLAIN:

_____

_____

_____

J. **COMMENTS:**

Use this section to complete answers to above listed items and to describe repairs made to the tank; include date and time repairs were made.

- No primary seal inspection was performed at this time.

ONLY 2nd SEAL INSPECTED & FOUND ACCEPTABLE.

K. ***I(We) certify the foregoing information to be correct and complete to the best of my(our) knowledge.***

Inspection completed by: _____ (signature) SV 001 Date: 05 09 2016

Compliance status by: _____ (signature) SV 001 Date: 05 09 2016

on behalf of ormand. 2.

Company Representative: _____ (signature) Date: 05/09/2016

5/9/2016

SEND COMPLETED REPORT (Both Sheets) TO:

Ventura County Air Pollution Control District

FOR VCAPCD USE ONLY: Date received_____

Reviewed by:_____ Date reviewed_____
(Signature) (Certification ID #)

Tank Status: [ ] in compliance [ ] in violation, Rule(s)_____

Comments:_____

Avanti environmental

Ventura County APCD

Rule 74.10 Component Leak Report

Q1/2016

Company Crimson Pipeline, LP
Facility Ventura Harbor Pump Station
1200 Spinnaker Dr., Ventura, CA 93003

District ID 00082
Contact Brad Seeley
(562) 285-4113

Component Group	Accessible	Inaccessible	Leaks	Percentage
Stuffing Box	0	0	0	0
Threaded Component	2	0	0	0
Valve	1	0	0	0
Flange	0	0	0	0
Compressor	0	0	0	0
Pump	0	0	0	0
Atmospheric PRD	0	0	0	0
Other	0	0	0	0

No Reportable Leaks for this Quarter
Inspected on 02/17/2016

ALL INSPECTIONS CONDUCTED PURSUANT TO EPA METHOD 21
PREPARED BY AVANTI ENVIRONMENTAL, INC.

Avanti environmental

Ventura County APCD

Rule 74.10 Component Leak Report

Q2/2016

Company	Crimson Pipeline, LLC	**District ID**	00082
Facility	Ventura Harbor Pump Station	**Contact**	Brad Seeley
	1200 Spinnaker Dr., Ventura, CA 93003		(562) 285-4113

Component Group	Accessible	Inaccessible	Leaks	Percentage
Stuffing Box	0	0	0	0
Threaded Component	2	0	0	0
Valve	1	0	0	0
Flange	0	0	0	0
Compressor	0	0	0	0
Pump	0	0	0	0
Atmospheric PRD	0	0	0	0
Other	0	0	0	0

No Reportable Leaks for this Quarter
Inspected on 05/04/2016

ALL INSPECTIONS CONDUCTED PURSUANT TO EPA METHOD 21
PREPARED BY AVANTI ENVIRONMENTAL, INC.

Avanti environmental

Ventura County APCD

Rule 74.10 Component Leak Report

Q3/2016

Company Crimson Pipeline, LLC
Facility Ventura Harbor Pump Station
1200 Spinnaker Dr., Ventura, CA 93003

District ID 00082
Contact Brad Seeley
(562) 285-4113

Component Group	Accessible	Inaccessible	Leaks	Percentage
Stuffing Box	0	0	0	0
Threaded Component	2	0	0	0
Valve	1	0	0	0
Flange	0	0	0	0
Compressor	0	0	0	0
Pump	0	0	0	0
Atmospheric PRD	0	0	0	0
Other	0	0	0	0

No Reportable Leaks for this Quarter
Inspected on 07/29/2016

ALL INSPECTIONS CONDUCTED PURSUANT TO EPA METHOD 21
PREPARED BY AVANTI ENVIRONMENTAL, INC.

Avanti environmental

Ventura County APCD

Rule 74.10 Component Leak Report

Q4/2016

Company	Crimson Pipeline, LLC	**District ID**	00082
Facility	Ventura Harbor Pump Station	**Contact**	Brad Seeley
	1200 Spinnaker Dr., Ventura, CA 93003		(562) 285-4113

Component Group	Accessible	Inaccessible	Leaks	Percentage
Stuffing Box	0	0	0	0
Threaded Component	2	0	0	0
Valve	1	0	0	0
Flange	0	0	0	0
Compressor	0	0	0	0
Pump	0	0	0	0
Atmospheric PRD	0	0	0	0
Other	0	0	0	0

No Reportable Leaks for this Quarter
Inspected on 10/07/2016

ALL INSPECTIONS CONDUCTED PURSUANT TO EPA METHOD 21
PREPARED BY AVANTI ENVIRONMENTAL, INC.

AIR TESTING

SUMMARY OF SOURCE TEST RESULTS
Crimson Pipeline
Harbor
Enterprise ICE
1/23/2015

CONSTITUENTS	*MEASURED VALUES*			*AVERAGE*	*Allowable*
	Run #1	Run #2	Run #3		
Oxides of Nitrogen					
ppmv	57.6	58.0	57.6	*57.7*	-
ppmv @ 15% O2	16.3	16.4	16.3	*16.3*	*25*
lb/hr	0.15	0.15	0.18	*0.16*	-
lb/MMBtu	0.060	0.060	0.060	*0.060*	-
gm/BHP-hr	0.17	0.17	0.19	*0.18*	-
Carbon Monoxide					
ppmv	8093	8596	9046	*8578*	-
ppmv @ 15% O2	2286	2429	2555	*2423*	*4500*
lb/hr	12.94	13.75	16.88	*14.52*	-
lb/MMBtu	5.12	5.44	5.73	*5.43*	-
gm/BHP-hr	14.15	15.04	18.47	*15.89*	-
Total Non-Methane/Ethane Hydocarbons, as CH4					
ppmv, dry	-	-	-	*3.7*	-
ppmv @ 15% O2, dry	-	-	-	*1.0*	*250*
lb/hr	-	-	-	*0.005*	-
Oxygen, %	0.0	0.0	0.0	*0.0*	-
Stack Flowrate, dscfm	367	367	428	*387*	-
Moisture, %	17.9	17.9	17.9	*17.9*	-
Fuel Usage, cfm	40.1	40.1	46.8	*42.3*	-

AIR Testing

SUMMARY OF SOURCE TEST RESULTS
Crimson Pipeline
Harbor
CAT ICE
1/23/2015

CONSTITUENTS	*MEASURED VALUES*			*AVERAGE*
	Run #1	*Run #2*	*Run #3*	
Oxides of Nitrogen				
ppmv	17.6	17.8	17.6	*17.7*
ppmv @ 15% O2	5.0	5.0	5.0	*5.0*
lb/hr	0.039	0.039	0.038	*0.039*
lb/MMBtu	0.018	0.018	0.018	*0.018*
gm/BHP-hr	0.042	0.043	0.042	*0.042*
Carbon Monoxide				
ppmv	289	357	324	*323*
ppmv @ 15% O2	81.6	101	91.3	*91.2*
lb/hr	0.38	0.48	0.43	*0.43*
lb/MMBtu	0.183	0.226	0.205	*0.204*
gm/BHP-hr	0.42	0.52	0.47	*0.47*
Total Non-Methane/Ethane Hydocarbons, as CH4				
ppmv, dry	< 1.5	< 1.5	< 1.5	*< 1.5*
ppmv @ 15% O2, dry	< 0.4	< 0.4	< 0.4	*< 0.4*
lb/hr	< 0.0014	< 0.0014	< 0.0014	*< 0.0014*
Oxygen, %	0.0	0.0	0.0	*0.0*
Stack Flowrate, dscfm	305	305	305	*305*
Moisture, %	18.0	17.9	17.9	*18.0*
Fuel Usage, cfm	33.4	33.4	33.4	*33.4*

AIR Testing

SUMMARY OF SOURCE TEST RESULTS
Quarterly Emission Testing
Crimson Pipeline
Ventura Pump Station
G-3

3/10/2016

		Allowable
Oxides of Nitrogen (NOx)		
ppmv	*64.9*	-
ppmv @ 15% O2	*18.4*	*25*
Carbon Monoxide (CO)		
ppmv	*10475*	-
ppmv @ 15% O2	*2975*	*4500*
Oxygen (O2), percent	*0.1*	-

Note: Reported values represent a 15 minute average.

AIR TESTING

SUMMARY OF SOURCE TEST RESULTS
Quarterly Emission Testing
Crimson Pipeline
Ventura Pump Station
CAT

3/10/2016

		Allowable
Oxides of Nitrogen (NOx)		
ppmv	*12.6*	-
ppmv @ 15% O2	*3.6*	*9*
Carbon Monoxide (CO)		
ppmv	*255*	-
ppmv @ 15% O2	*72*	*1000*
Oxygen (O2), percent	*0.0*	-

Note: Reported values represent a 15 minute average.

AIR Testing

SUMMARY OF SOURCE TEST RESULTS
Quarterly Emission Testing
Crimson Pipeline
Ventura Harbor Pump Station
G-3

6/23/2016

		Allowable
Oxides of Nitrogen (NOx)		
ppmv	*80.2*	-
ppmv @ 15% O2	*22.7*	*25*
Carbon Monoxide (CO)		
ppmv	*5786*	-
ppmv @ 15% O2	*1640*	*4500*
Oxygen (O2), percent	*0.1*	-

Note: Reported values represent a 15 minute average.

AIR Testing

SUMMARY OF SOURCE TEST RESULTS
Quarterly Emission Testing
Crimson Pipeline
Ventura Pump Station
CAT

6/23/2016

		Allowable
Oxides of Nitrogen (NOx)		
ppmv	*8.0*	-
ppmv @ 15% O2	*2.3*	*9*
Carbon Monoxide (CO)		
ppmv	*2395*	-
ppmv @ 15% O2	*679*	*1000*
Oxygen (O2), percent	*0.1*	-

Note: Reported values represent a 15 minute average.

AIR Testing Services, Inc.

SUMMARY OF SOURCE TEST RESULTS
Quarterly Emission Testing
Crimson Pipeline
Ventura Harbor Pump Station
G-3

9/8/2016

		Allowable
Oxides of Nitrogen (NOx)		
ppmv	*21.6*	-
ppmv @ 15% O2	*6.1*	*25*
Carbon Monoxide (CO)		
ppmv	*13479*	-
ppmv @ 15% O2	*3800*	*4500*
Oxygen (O2), percent	*0.0*	-

Note: Reported values represent a 15 minute average.

AIRX TESTING SERVICES, INC.

SUMMARY OF SOURCE TEST RESULTS
Quarterly Emission Testing
Crimson Pipeline
Ventura Harbor
G-3

11/17/2016

		Allowable
Oxides of Nitrogen (NOx)		
ppmv	*73.7*	-
ppmv @ 15% O2	*20.9*	*25*
Carbon Monoxide (CO)		
ppmv	*10320*	-
ppmv @ 15% O2	*2925*	*4500*
Oxygen (O2), percent	*0.1*	-
Opacity, %	**0.0**	**10%**

Note: Reported values represent a 15 minute average.

AIR TESTING SERVICES, INC.

SUMMARY OF SOURCE TEST RESULTS
Quarterly Emission Testing
Crimson Pipeline
Ventura Pump Station
CATERPILLAR ICE

11/17/2016

		Allowable
Oxides of Nitrogen (NOx)		
ppmv	*NM*	-
ppmv @ 15% O2	*NM*	*25*
Carbon Monoxide (CO)		
ppmv	*NM*	-
ppmv @ 15% O2	*NM*	*4500*
Oxygen (O2), percent	*NM*	-
Opacity, %	**0.0**	**10%**

NM = Not Measured
Note: Reported values represent a 15 minute average.

VENTURA STATION ENGINE DATA SHEET
CATERPILLAR G-1

ENGINE G1 OPERATOR _____ SHIFT _____ DATE 1/11/16 - 1/18/16

ENGINE TIMER: START _____ FINISH _____ TOTAL HOURS _____

LUBE OIL LEVEL _____ OIL ADDED TO ENGINE _____ AIR PRESSURE _____

			Mon	Tue	wed	Thur	Fri			
HOUR	~~10 MIN~~	~~20 MIN~~	1/11	1/12			1/15			
DISCHARGE PRESSURE				497						
SUCTION PRESSURE				116						
ENGINE RPM'S				738						
ENGINE WATER PRESSURE				15						
ENGINE WATER TEMP				90						
HEAT EXCHANGER TEMP				130						
AIR/FUEL PRESS				662						
ENGINE OIL PRESSURE				60						
ENGINE OIL TEMP				90			↓			
CONVERTER TEMP TC-1				731			DOWN			
CONVERTER TEMP TC-2				672						
OXY. OUTPUT (mv)							↑			

CS

REMARK: _____

Turbine oil
68
132

VENTURA STATION ENGINE DATA SHEET
ENTERPRISE G-3

ENGINE TIMER: START 16122 FINISH 16232 TOTAL HOURS 110

INITIALS	JP	CS	JP	JP	JP		
DATE	1/18	1/19	1/20	1/21	1/22		
DAY 1/18/2016 - 1/25/2016	MON	TUE	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE	533.8	525		528			
SUCTION PRESSURE	112.1	110		111.8			
ENGINE RPM'S	380	380		380			
JACKET WATER PRESSURE	26	27		28			
JACKET WATER TEMP	167.7	164		166			
HEAT EXCHANGER TEMP	122	120		125			
INBOARD BEARING TEMP	1198	107		116			
OUTBOARD BEARING TEMP	139.0	110		132			
AIR/FUEL PRESS - FRONT	.876	.894		.866			
AIR/FUEL PRESS - BACK	.157	.138		.152			
LUBE OIL LEVEL	1/2	3/8		1/2			
OIL ADDED TO ENGINE	20Gal	—		10Gal			
LUBE OIL ENG PRESS	57	58		57			
GEAR BOX OIL PRESSURE	10	10		11			
LUBE OIL FILTER	66	65		65			
CONVERTER TEMP TC-1	770	784	↓	791	↓		
CONVERTER TEMP TC-2	754	737	D	755	D		
CYLINDER #1	968	985	O	971	O		
CYLINDER #2	957	951	W	946	W		
CYLINDER #3	1032	971	N	973	N		
CYLINDER #4	1027	1007	↑	1018	↑		
CYLINDER #5	1019	1018		1023			
CYLINDER #6	1019	1013		1017			
AIR PRESSURE	200	210		205			
WATER MAKE-UP TANK	Full	Full		Full			
GAS METER READING							

VENTURA STATION ENGINE DATA SHEET
ENTERPRISE G-3

ENGINE TIMER: START 16349 FINISH 16484 TOTAL HOURS 135

INITIALS	JP	JP	JP	JP			
DATE	2-8	2-9	2-10	2-11			
DAY 2-8-16 / 2-15-16	MON	TUE	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE	529	519		501	504		
SUCTION PRESSURE	113	111		110	109		
ENGINE RPM'S	378	378		371	373		
JACKET WATER PRESSURE	27	~~28~~ 28		27	27		
JACKET WATER TEMP	167	167		167	166		
HEAT EXCHANGER TEMP	~~125~~ 125	135		137	130		
INBOARD BEARING TEMP	125	128		126	119		
OUTBOARD BEARING TEMP	156	162		157	147		
AIR/FUEL PRESS - FRONT	.820	.818		.803	.800		
AIR/FUEL PRESS - BACK	.146	.139		.159	.149		
LUBE OIL LEVEL	1/2	1/2		1/2	1/2		
OIL ADDED TO ENGINE	20 Gals	0 Gal		0 Gal	18 Gal		
LUBE OIL ENG PRESS	54	53		54	54		
GEAR BOX OIL PRESSURE	9	8		8	8		
LUBE OIL FILTER	61	60		60	60		
CONVERTER TEMP TC-1	830	855	↓	789	794		
CONVERTER TEMP TC-2	763	769	D	755	754		
CYLINDER #1	979	977	O	983	977		
CYLINDER #2	954	970	W	967	960		
CYLINDER #3	969	970	N	966	1056		
CYLINDER #4	1074	1063	↑	1059	1063		
CYLINDER #5	1024	1021		1024	1022		
CYLINDER #6	1031	1017		1023	1016		
AIR PRESSURE	210	205		204	210		
WATER MAKE-UP TANK	Full	Full		Full	Full		
GAS METER READING	154553	155142		156030	156503		

VENTURA STATION ENGINE DATA SHEET
ENTERPRISE G-3

ENGINE TIMER: START 16784 FINISH 16856 TOTAL HOURS 72

INITIALS	JP	JP	JP	JP	JP		
DATE 3-14 / 3-21	3-14	3-15	3-16	3-17	3-18		
DAY	MON	TUE	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE	506			519			
SUCTION PRESSURE	109			108			
ENGINE RPM'S	373			380			
JACKET WATER PRESSURE	27			28			
JACKET WATER TEMP	157			167			
HEAT EXCHANGER TEMP	~~159~~ 118			132			
INBOARD BEARING TEMP	103			122			
OUTBOARD BEARING TEMP	104			150			
AIR/FUEL PRESS - FRONT	.849			.800			
AIR/FUEL PRESS - BACK	.789			.811			
LUBE OIL LEVEL	½			½			
OIL ADDED TO ENGINE	12 bal			12 bal			
LUBE OIL ENG PRESS	60			56			
GEAR BOX OIL PRESSURE	12			9			
LUBE OIL FILTER	bb	↓	↓	61	↓		
CONVERTER TEMP TC-1	729	D	D	746	D		
CONVERTER TEMP TC-2	759	O	O	758	O		
CYLINDER #1	1002	W	W	992	W		
CYLINDER #2	1032	N	N	961	N		
CYLINDER #3	965	↑	↑	973	↑		
CYLINDER #4	1001			945			
CYLINDER #5	1001			999			
CYLINDER #6	1027			1026			
AIR PRESSURE	205			205			
WATER MAKE-UP TANK	Full			Full			
GAS METER READING	164897			165816			

VENTURA STATION ENGINE DATA SHEET
ENTERPRISE G-3

ENGINE TIMER: START 17156 FINISH 17299 TOTAL HOURS 143

INITIALS	JP	JP	JP	JP	JP		
DATE 4.18.16 - 4.25.16	4.18	4.19	4.20	4.21	4.22		
DAY	MON	TUE	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE		469	436.3		435		
SUCTION PRESSURE		109	108.6		110		
ENGINE RPM'S		358	343		342		
JACKET WATER PRESSURE		25	24		24		
JACKET WATER TEMP		166	176		166		
HEAT EXCHANGER TEMP		130	130		130		
INBOARD BEARING TEMP		121	118.4		120		
OUTBOARD BEARING TEMP		147	141.9		145		
AIR/FUEL PRESS - FRONT		.760	.751		.744		
AIR/FUEL PRESS - BACK		.820	.798		.801		
LUBE OIL LEVEL		½	½		½		
OIL ADDED TO ENGINE		0	~~0~~		136al		
LUBE OIL ENG PRESS		58	57		58		
GEAR BOX OIL PRESSURE		8	8		7		
LUBE OIL FILTER	D	64	63	D	64		
CONVERTER TEMP TC-1	O	714	693	O	688		
CONVERTER TEMP TC-2	W	724	691	W	681		
CYLINDER #1	N	971	959	N	956		
CYLINDER #2		978	1007		971		
CYLINDER #3		958	950		949		
CYLINDER #4		1022	998		959		
CYLINDER #5		975	969		951		
CYLINDER #6		1002	970		964		
AIR PRESSURE		210	210		215		
WATER MAKE-UP TANK		Full	FULL		Full		
GAS METER READING		173858	174380		174994		

VENTURA STATION ENGINE DATA SHEET
ENTERPRISE G-3

ENGINE TIMER: START 17609 FINISH 17675 TOTAL HOURS 66

INITIALS	JP	JP	JP	JP			
DATE 5-23-16/5-30-16	5-23	5-24	5-25	5-26			
DAY	MON	TUE	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE				579			
SUCTION PRESSURE				107			
ENGINE RPM'S				378			
JACKET WATER PRESSURE				27			
JACKET WATER TEMP				170			
HEAT EXCHANGER TEMP				130			
INBOARD BEARING TEMP				124			
OUTBOARD BEARING TEMP				149			
AIR/FUEL PRESS - FRONT				.803			
AIR/FUEL PRESS - BACK				.782			
LUBE OIL LEVEL				1/2			
OIL ADDED TO ENGINE				25gal	8gal		
LUBE OIL ENG PRESS				58			
GEAR BOX OIL PRESSURE				10			
LUBE OIL FILTER				65			
CONVERTER TEMP TC-1				765			
CONVERTER TEMP TC-2				772			
CYLINDER #1				1002			
CYLINDER #2				982			
CYLINDER #3				991			
CYLINDER #4				1011			
CYLINDER #5				1011			
CYLINDER #6				1036			
AIR PRESSURE				205			
WATER MAKE-UP TANK				Full			
GAS METER READING				183185			

VENTURA STATION ENGINE DATA SHEET
ENTERPRISE G-3

ENGINE TIMER: START 17939 FINISH 18036 TOTAL HOURS _____

INITIALS	JP	JP	JP		JP		
DATE 6.27 / 6.4 .16	6.27	6.28	6.29		~~6.30~~ 7.1		
DAY	MON	TUE	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE	411	411					
SUCTION PRESSURE	107	106					
ENGINE RPM'S	336	332					
JACKET WATER PRESSURE	24	23					
JACKET WATER TEMP	166	167					
HEAT EXCHANGER TEMP	125	135					
INBOARD BEARING TEMP	120	121					
OUTBOARD BEARING TEMP	147	148					
AIR/FUEL PRESS - FRONT	.758	.760					
AIR/FUEL PRESS - BACK	.763	.789					
LUBE OIL LEVEL	½	½					
OIL ADDED TO ENGINE	11	ø					
LUBE OIL ENG PRESS	57	58					
GEAR BOX OIL PRESSURE	7	7					
LUBE OIL FILTER	64	62					
CONVERTER TEMP TC-1	686	691					
CONVERTER TEMP TC-2	669	677	↓		↓		
CYLINDER #1	913	930	DOWN		DOWN		
CYLINDER #2	932	947					
CYLINDER #3	932	922					
CYLINDER #4	931	1015					
CYLINDER #5	950	955	↑		↑		
CYLINDER #6	964	977					
AIR PRESSURE	205	205					
WATER MAKE-UP TANK	Full	Full					
GAS METER READING	190363	190816					

VENTURA STATION ENGINE DATA SHEET
ENTERPRISE G-3

ENGINE TIMER: START 18094 FINISH 18173 TOTAL HOURS 79

INITIALS	JP	JP	JP	JP	JP		
DATE 7-11-16 / 7-18-16	7-11	7-12	7-13	7-14	7-15		
DAY	MON	TUE	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE		438			420		
SUCTION PRESSURE		111			107		
ENGINE RPM'S		340			338		
JACKET WATER PRESSURE		23			24		
JACKET WATER TEMP		167			166		
HEAT EXCHANGER TEMP		135			132		
INBOARD BEARING TEMP		123			121		
OUTBOARD BEARING TEMP		148			146		
AIR/FUEL PRESS - FRONT		.757			.752		
AIR/FUEL PRESS - BACK		.798			.793		
LUBE OIL LEVEL		1/2			1/2		
OIL ADDED TO ENGINE		20 qts			Ø		
LUBE OIL ENG PRESS		58			57		
GEAR BOX OIL PRESSURE		7			7		
LUBE OIL FILTER		64			64		
CONVERTER TEMP TC-1		695			698		
CONVERTER TEMP TC-2		687			688		
CYLINDER #1	D	945	D	D	945		
CYLINDER #2	O	952	O	O	940		
CYLINDER #3	W	948	W	W	940		
CYLINDER #4	N	1015	N	N	1026		
CYLINDER #5		962			968		
CYLINDER #6		988			987		
AIR PRESSURE		210			220		
WATER MAKE-UP TANK		Full			Full		
GAS METER READING		193872			194515		

VENTURA STATION ENGINE DATA SHEET
ENTERPRISE G-3

ENGINE TIMER: START 18484 FINISH 18580 TOTAL HOURS 96

INITIALS	JP	SC	JP	SP	JP	SC	
DATE 8/22/8-29-16	8-22	8-23	8 24	8-25	8-26	8-27	
DAY	MON	TUE	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE		115	427	416			
SUCTION PRESSURE		111	110	108			
ENGINE RPM'S		336	339	336			
JACKET WATER PRESSURE		24	23	24			
JACKET WATER TEMP		167	167	167			
HEAT EXCHANGER TEMP		135	135	135			
INBOARD BEARING TEMP		120	122	121			
OUTBOARD BEARING TEMP		144	146	148			
AIR/FUEL PRESS - FRONT		.762	.761	.760			
AIR/FUEL PRESS - BACK		.793	786	.788			
LUBE OIL LEVEL		½	½	½			
OIL ADDED TO ENGINE		2 0 6al	0	16gal			
LUBE OIL ENG PRESS		58	57	57			
GEAR BOX OIL PRESSURE		8	7	8			
LUBE OIL FILTER		65	64	63			
CONVERTER TEMP TC-1		691	685	686			
CONVERTER TEMP TC-2		672	665	669			
CYLINDER #1		931	924	940			
CYLINDER #2		929	942	935			
CYLINDER #3		911	911	918			
CYLINDER #4		939	949	951			
CYLINDER #5		939	941	950			
CYLINDER #6		965	957	960			
AIR PRESSURE		215	210	220			
WATER MAKE-UP TANK		Full	Full	Full			
GAS METER READING		201861	202366	202838			

VENTURA STATION ENGINE DATA SHEET
ENTERPRISE G-3

ENGINE TIMER: START 18629 FINISH 18712 TOTAL HOURS 83

INITIALS	[illegible]	JP	JP	JP	JP	ST	ST
DATE 9-5/9-12-16	9/5	9-6	9-7	9-8	9-9	9-10	9-11
DAY	MON	TUE	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE				405		411	427.8
SUCTION PRESSURE				108		106.2	108.1
ENGINE RPM'S				329		336	339
JACKET WATER PRESSURE				22		24	24
JACKET WATER TEMP				166		168.1	164
HEAT EXCHANGER TEMP				135		130	130
INBOARD BEARING TEMP				121		121.8	123.1
OUTBOARD BEARING TEMP				147		148.5	149.1
AIR/FUEL PRESS - FRONT				.027		.030	.012
AIR/FUEL PRESS - BACK				.786		.800	.799
LUBE OIL LEVEL				1/2		7/16	1/2
OIL ADDED TO ENGINE			25g	Ø		17g.	—
LUBE OIL ENG PRESS				58		57	57
GEAR BOX OIL PRESSURE				7		8	8
LUBE OIL FILTER				64		64	64
CONVERTER TEMP TC-1				689		709	709
CONVERTER TEMP TC-2				655		674	675
CYLINDER #1		↓	↓	923	↓	947	943
CYLINDER #2	D	D	D	940	D	954	957
CYLINDER #3		O	O	914	O	911	921
CYLINDER #4	O	W	W	936	W	931	953
CYLINDER #5	W	N	N	936	N	952	947
CYLINDER #6		↑	↑	954	↑	968	951
AIR PRESSURE	N			210		205	215
WATER MAKE-UP TANK				Full		Full	Full
GAS METER READING				205305		206020	206499

VENTURA STATION ENGINE DATA SHEET
ENTERPRISE G-3

ENGINE TIMER: START 18907 FINISH 18957 TOTAL HOURS 50

INITIALS	JP	JP	JP	JP	JP	JP	JP
DATE 10/3/10·10·16	10·3	10·4	10·5	10·6	10·7	10·8	10·9
DAY	MON	TUE	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE	466		472	441		442	
SUCTION PRESSURE	109		110	109		111	
ENGINE RPM'S	350		358	345		337	
JACKET WATER PRESSURE	26		26	25		24	
JACKET WATER TEMP	167		168	167		169	
HEAT EXCHANGER TEMP	135		135	125		135	
INBOARD BEARING TEMP	119		123	120		121	
OUTBOARD BEARING TEMP	143		147	143		145	
AIR/FUEL PRESS - FRONT	.092		.091	.000		.095	
AIR/FUEL PRESS - BACK	.0792		.796	.789		.779	
LUBE OIL LEVEL	½		½	½		½	
OIL ADDED TO ENGINE	0		12 gal	0		15 gal	
LUBE OIL ENG PRESS	57		58	58		59	
GEAR BOX OIL PRESSURE	8		9	8		9	
LUBE OIL FILTER	65		65	64		65	
CONVERTER TEMP TC-1	720		749	714		731	
CONVERTER TEMP TC-2	689		715	679		699	
CYLINDER #1	970	D	976	956	D	995	D
CYLINDER #2	962	O	969	966	O	963	O
CYLINDER #3	959	W	960	965	W	954	W
CYLINDER #4	1012	N	1015	965	N	1009	N
CYLINDER #5	1001		993	985		979	
CYLINDER #6	1014		1016	983		991	
AIR PRESSURE	204		205	215		220	
WATER MAKE-UP TANK	Full		Full	Full		Full	
GAS METER READING			210911	211383		211660	

Valve 75

VENTURA STATION ENGINE DATA SHEET
ENTERPRISE G-3

ENGINE TIMER: START 9100 FINISH 9236 TOTAL HOURS 136

INITIALS	ST	JP	JP	JP		~~ST~~	~~JP~~
DATE 11-7-16 - 11-13-16	11-7	11-8	11-9	11-10	11-11	11-12	11-13
DAY	MON	TUE	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE	527	526		432	480	434.2	462-8
SUCTION PRESSURE	117.8	117		114	114	113.8	114-3
ENGINE RPM'S	375	362		333	361	339	353
JACKET WATER PRESSURE	~~24~~ 24	26		24	26		25
JACKET WATER TEMP	172.4	168		165	169	166	167.4
HEAT EXCHANGER TEMP	137	135		133	132		133
INBOARD BEARING TEMP	128-3	123		121	124	120.7	120-3
OUTBOARD BEARING TEMP	159.7	151		149	152	148.7	145.6
AIR/FUEL PRESS - FRONT		.000		.000	.000	STARTING DOWN	.000
AIR/FUEL PRESS - BACK		.800		.213	.794		.794
LUBE OIL LEVEL	1/2	1/2		1/2	1/2		1/2
OIL ADDED TO ENGINE	—	7 gal		15 gal	Ø		15 gal.
LUBE OIL ENG PRESS	58	59		57	58		58
GEAR BOX OIL PRESSURE	9	8		7	8		9.5
LUBE OIL FILTER	65	65		64	65		65
CONVERTER TEMP TC-1	768	735		1206	630	706	724
CONVERTER TEMP TC-2	762	719		702	724	663	707
CYLINDER #1	995	965		962	975		964
CYLINDER #2	992	966		1004	979	DURATION	965
CYLINDER #3	963	949		940	961		948
CYLINDER #4	1075	1032		988	963		949
CYLINDER #5	1028	993		906	966		965
CYLINDER #6	1048	1007		921	1006		990
AIR PRESSURE	207	205		215	205		205
WATER MAKE-UP TANK	FULL	Full		Full	Full		FULL
GAS METER READING	215876						21837

VENTURA STATION ENGINE DATA SHEET
ENTERPRISE G-3

ENGINE TIMER: START 19507 FINISH 19615 TOTAL HOURS 108

INITIALS	JP	JP	JP	JP	JP	~~JP~~	~~JP~~
DATE 12·12 / 12·19·16	12·12	12·13	12·14	12·15	12·16	12·17	12·18
DAY	MON	TUE	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE		517	482	522			516
SUCTION PRESSURE		114	111	133			111
ENGINE RPM'S		373	364	375			375
JACKET WATER PRESSURE		27	27	28			28
JACKET WATER TEMP		168	167	168			163
HEAT EXCHANGER TEMP		132	130	130			130
INBOARD BEARING TEMP		121	118	121			118
OUTBOARD BEARING TEMP		152	145	152			144
AIR/FUEL PRESS - FRONT		.000	.000	.000			.000
AIR/FUEL PRESS - BACK		.776	.776	.782			.777
LUBE OIL LEVEL	D	1/2	1/2	1/2			1/2
OIL ADDED TO ENGINE	O	Ø	6gal	Ø	D	D	10 gal
LUBE OIL ENG PRESS	W	59	58	58	O	O	58
GEAR BOX OIL PRESSURE	N	9	8	8	W	W	9
LUBE OIL FILTER		65	65	66	N	N	65
CONVERTER TEMP TC-1		766	741	754			760
CONVERTER TEMP TC-2		769	733	751			758
CYLINDER #1		991	983	986			1004
CYLINDER #2		1029	997	990			992
CYLINDER #3		957	957	963			974
CYLINDER #4		1000	975	985			992
CYLINDER #5		1010	995	1007			1010
CYLINDER #6		1029	1013	1022			1038
AIR PRESSURE		215	205	215			218
WATER MAKE-UP TANK		Full	Full	Full			FULL
GAS METER READING							227398

CRIMSON PIPELINE, L.P.
ENGINE SERVICE REPORT

TYPE OF SERVICE Repair

DATE 1/5/16

APCD PERMIT NUMBER **0082**

LOCATION **Ventura Station**

MAKE **Caterpillar (G-1)**

MODEL **G-379**

TYPE **Natural Gas**

ENGINE HOURS 07491

OPERATIONS PERFORMED

Replaced Oil Line to Water Pump

Replaced O2 Sensors

MECHANIC

DATE WORK COMPLETED 1/5/16

CRIMSON PIPELINE, L.P.
ENGINE SERVICE REPORT

TYPE OF SERVICE Repair

DATE 1/14/16

APCD PERMIT NUMBER **0082**

LOCATION **Ventura Station**

MAKE **Enterprise (G-3)**

MODEL **GSG-6**

TYPE **Natural Gas**

ENGINE HOURS 16122

OPERATIONS PERFORMED

Replaced No. 2 Head and Head Gasket
New Spark Plugs and Wires

MECHANIC

DATE WORK COMPLETED 1/14/16

CRIMSON PIPELINE, L.P.
ENGINE SERVICE REPORT

TYPE OF SERVICE Repair

DATE 1/20/16

APCD PERMIT NUMBER **0082**

LOCATION **Ventura Station**

MAKE **Enterprise (G-3)**

MODEL **GSG-6**

TYPE **Natural Gas**

ENGINE HOURS 16145

OPERATIONS PERFORMED

Replaced Water Manifold and O_2 Sensors

MECHANIC

DATE WORK COMPLETED 1/20/16

CRIMSON PIPELINE, L.P.
ENGINE SERVICE REPORT

TYPE OF SERVICE Repair

DATE 6/3/16

APCD PERMIT NUMBER **0082**

LOCATION **Ventura Station**

MAKE **Enterprise (G-3)**

MODEL **GSG-6**

TYPE **Natural Gas**

ENGINE HOURS 17707

OPERATIONS PERFORMED

- Replaced O_2 Sensors
- Engine Running to Rich -

MECHANIC

DATE WORK COMPLETED 6/3/16

CRIMSON PIPELINE, L.P.
ENGINE SERVICE REPORT

TYPE OF SERVICE Repair

DATE 8/10/16

APCD PERMIT NUMBER **0082**

LOCATION **Ventura Station**

MAKE **Enterprise (G-3)**

MODEL **GSG-6**

TYPE **Natural Gas**

ENGINE HOURS 18362

OPERATIONS PERFORMED

#2 Cylinder Head Change and Gaskets
- New Spark Plugs & Wires

MECHANIC

DATE WORK COMPLETED 8/10/16

CRIMSON PIPELINE, L.P.
ENGINE SERVICE REPORT

TYPE OF SERVICE Repair

DATE 10/13/16

APCD PERMIT NUMBER **0082**

LOCATION **Ventura Station**

MAKE **Enterprise (G-3)**

MODEL **GSG-6**

TYPE **Natural Gas**

ENGINE HOURS 18968

OPERATIONS PERFORMED

Water leak inside #6 Cylinder, Replaced O-Rings and Changed the Oil

MECHANIC

DATE WORK COMPLETED 10/13/16

CRIMSON PIPELINE, L.P.
ENGINE SERVICE REPORT

TYPE OF SERVICE Service

DATE 12/6/16

APCD PERMIT NUMBER **0082**

LOCATION **Ventura Station**

MAKE **Enterprise (G-3)**

MODEL **GSG-6**

TYPE **Natural Gas**

ENGINE HOURS 19445

OPERATIONS PERFORMED

Replaced Air Cleaner, 2 spark plugs and O_2 sensors

MECHANIC

DATE WORK COMPLETED 12/6/16

CRIMSON PIPELINE LP

Engine 1440 Hr. Report

Operation Every 1440 Hrs. Date 2/10/16

APCD PERMIT NUMBER 0082 LOCATION: HARBOR

MAKE ENTERPRISE MODEL: 6SG-6

TYPE: NATURAL GAS INSPECTION ENGINE HOURS 16392

NEXT INSPECTION HOURS DUE: 17832

INSPECTIONS PERFORMED

OIL ANALYSIS SAMPLE- OIL & FILTER CHANGE

Comment: WATER IN OIL

INSPECT SPARK PLUGS- REPLACED 2 SPARK PLUGS

Comment: WEAK SPARK

INSPECT ALL HOSES AND BELTS- GOOD

Comment:

MECHANIC J Olivier DATE WORK COMPLETED 2/10/16

CRIMSON PIPELINE LP

Engine 1440 Hr. Report

Operation Every 1440 Hrs. Date 6-15-16

APCD PERMIT NUMBER 0082 LOCATION: Ventura / Harbor

MAKE Enterprise MODEL: 6S6-6

TYPE: NATURAL GAS INSPECTION ENGINE HOURS 17914

NEXT INSPECTION HOURS DUE: 19354

INSPECTIONS PERFORMED

OIL ANALYSIS SAMPLE- Oil Change

Comment: _____

INSPECT SPARK PLUGS- Good

Comment: _____

INSPECT ALL HOSES AND BELTS- Good

Comment: _____

MECHANIC [signature] DATE WORK COMPLETED 6/15/16

CRIMSON PIPELINE LLC IC ENGINES
FUEL USAGE
HARBOR STATION
PERMIT NUMBER 0082

VENTURA HARBOR STATION ROLLING FUEL 2016

Month	AVG#1	AVG#2	AVG#3	AVG#4	AVG#5	AVG#6	AVG#7	AVG#8	AVG#9	AVG#10	AVG#11	AVG#12
Feb-15	904,000											
Mar-15	982,700	982,700										
Apr-15	947,300	947,300	947,300									
May-15	849,200	849,200	849,200	849,200								
Jun-15	781,000	781,000	781,000	781,000	781,000							
Jul-15	711,100	711,100	711,100	711,100	711,100	711,100						
Aug-15	724,600	724,600	724,600	724,600	724,600	724,600	724,600					
Sep-15	763,100	763,100	763,100	763,100	763,100	763,100	763,100	763,100				
Oct-15	667,700	667,700	667,700	667,700	667,700	667,700	667,700	667,700	667,700			
Nov-15	582,800	582,800	582,800	582,800	582,800	582,800	582,800	582,800	582,800	582,800		
Dec-15	715,600	715,600	715,600	715,600	715,600	715,600	715,600	715,600	715,600	715,600	715,600	
Jan-16	856,700	856,700	856,700	856,700	856,700	856,700	856,700	856,700	856,700	856,700	856,700	856,700
Feb-16		813,400	813,400	813,400	813,400	813,400	813,400	813,400	813,400	813,400	813,400	813,400
Mar-16			837,100	837,100	837,100	837,100	837,100	837,100	837,100	837,100	837,100	837,100
Apr-16				712,100	712,100	712,100	712,100	712,100	712,100	712,100	712,100	712,100
May-16					759,800	759,800	759,800	759,800	759,800	759,800	759,800	759,800
Jun-16						701,600	701,600	701,600	701,600	701,600	701,600	701,600
Jul-16							653,900	653,900	653,900	653,900	653,900	653,900
Aug-16								603,200	603,200	603,200	603,200	603,200
Sep-16									576,100	576,100	576,100	576,100
Oct-16										528,100	528,100	528,100
Nov-16											684,300	684,300
Dec-16												880,300
CF/year	**790,483**	**782,933**	**770,800**	**751,200**	**743,750**	**737,133**	**732,367**	**722,250**	**706,667**	**695,033**	**703,492**	**717,217**

CRIMSON PIPELINE LLC

JLC2016

VENTURA HARBOR STATION 2016

MONTH	*FUEL (CUBIC FEET)	BBLS. (TANK THROUGHPUT)	SOLVENT (GALLONS)	**PAINT (GALLONS)
Jan-16	856,700	224,637	0	0
Feb-16	813,400	193,233	0	0
Mar-16	837,100	202,662	0	0
Apr-16	712,100	193,788	0	0
May-16	759,800	205,153	0	0
Jun-16	701,600	203,361	0	0
Jul-16	653,900	204,029	0	0
Aug-16	603,200	182,077	0	0
Sep-16	576,100	163,637	0	0
Oct-16	528,100	134,650	0	0
Nov-16	684,300	174,505	0	0
Dec-16	880,300	199,563	0	0
TOTAL	8,606,600	2,281,295	0	0

***ALSO REFER TO FUEL USE ROLLING TWELVE MONTH TABLE ATTACHED**

CRIMSON PIPELINE L. P.
HARBOR STATION
WEEKLY
FUGITIVE EMISSION INSPECTION LOG

INSPECTED BY	CS	CS			JP		
DATE 1/11 - 1/18/16	1/11	1/12			1/15		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
COMPONENT DESCRIPTION	LEAKING (Y/N)						
OPACITY G-1 - TIME	—	0845			0850		
ANY VISUAL EMISSIONS	—	N			N		
OPACITY G-3 - TIME	—	—			—		
ANY VISUAL EMISSIONS	—	—			—		
G-1 PUMP SEAL	N	N			N		
G-3 PUMP SEAL	N	N			N		
STATION VALVES	N	N			N		
TK 305 VALVES	N	N			N		
SUMP	N	N			N		
BOOSTER SEAL	N	N			N		
MIXER SEAL	N	N			N		
PIG LAUNCHER	N	N			N		
STATION VISUAL	CS	CS					

If any componet is leaking, minimize leak, notify Dist Foreman

Comments:

CRIMSON PIPELINE L. P.

HARBOR STATION

WEEKLY

FUGITIVE EMISSION INSPECTION LOG

INSPECTED BY	JP	JP		JP	JP		
DATE	2-22	2-23		2-25	2-26		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
COMPONENT DESCRIPTION	LEAKING (Y/N)						
OPACITY G-1 - TIME	—	—		—	—		
ANY VISUAL EMISSIONS	—	—		—	—		
OPACITY G-3 - TIME	—	06:30		—	—		
ANY VISUAL EMISSIONS	N	N		N	N		
G-1 PUMP SEAL	N	N		N	N		
G-3 PUMP SEAL	N	N		N	N		
STATION VALVES	N	N		N	N		
TK 305 VALVES	N	N		N	N		
SUMP	N	N		N	N		
BOOSTER SEAL	N	N		N	N		
MIXER SEAL	N	N		N	N		
PIG LAUNCHER	N	N		N	N		
STATION VISUAL	JP	JP		JP	JP		

If any componet is leaking, minimize leak, notify Dist Foreman

Comments:

CRIMSON PIPELINE L. P.

HARBOR STATION

WEEKLY

FUGITIVE EMISSION INSPECTION LOG

INSPECTED BY	JP	JP	[illegible]		JP		
DATE	3-7	3-8	3/9		3-11		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
COMPONENT DESCRIPTION	LEAKING (Y/N)						
OPACITY G-1 - TIME	—	—	—		—		
ANY VISUAL EMISSIONS	—	—	—		—		
OPACITY G-3 - TIME	—	07:28	—		06:00		
ANY VISUAL EMISSIONS	N	N	N		N		
G-1 PUMP SEAL	N	N	N		N		
G-3 PUMP SEAL	N	N	N		N		
STATION VALVES	N	N	N		N		
TK 305 VALVES	N	N	N		N		
SUMP	N	N	N		N		
BOOSTER SEAL	N	N	N		N		
MIXER SEAL	N	N	N		N		
PIG LAUNCHER	N	N	N		N		
STATION VISUAL	JP	JP			JP		

If any componet is leaking, minimize leak, notify Dist Foreman

Comments:

PIPELINE L. P.
HARBOR STATION
WEEKLY
FUGITIVE EMISSION INSPECTION LOG

INSPECTED BY	JP	JP	ST	JP	JP		
DATE	4.18	4.19	4.20	4.21	4.22		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
COMPONENT DESCRIPTION	LEAKING (Y/N)						
OPACITY G-1 - TIME	—	—	—	—	—		
ANY VISUAL EMISSIONS	—	—	—	—	—		
OPACITY G-3 - TIME	—	06:05	07:05	—	05:30		
ANY VISUAL EMISSIONS	—	N	N	—	N		
G-1 PUMP SEAL	N	N	N	N	N		
G-3 PUMP SEAL	N	N	N	N	N		
STATION VALVES	N	N	N	N	N		
TK 305 VALVES	N	N	N	N	N		
SUMP	N	N	N	N	N		
BOOSTER SEAL	N	N	N	N	N		
MIXER SEAL	N	N	N	N	N		
PIG LAUNCHER	N	N	N	N	N		
STATION VISUAL	JP	JP	ST	JP	JP		

If any componet is leaking, minimize leak, notify Dist Foreman

Comments:

PIPELINE L. P.
HARBOR STATION
WEEKLY
FUGITIVE EMISSION INSPECTION LOG

INSPECTED BY	JP	JP	JP	JP	JP		
DATE 5/23/16	5.23	5.24	5.25	5.26	5.27		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
COMPONENT DESCRIPTION	LEAKING (Y/N)						
OPACITY G-1 - TIME	—	—	—	—	—		
ANY VISUAL EMISSIONS	—	—	—	—	—		
OPACITY G-3 - TIME	—	—	—	06:30	—		
ANY VISUAL EMISSIONS	—	—	—	N	—		
G-1 PUMP SEAL	N	N	N	N	N		
G-3 PUMP SEAL	N	N	N	N	N		
STATION VALVES	N	N	N	N	N		
TK 305 VALVES	N	N	N	N	N		
SUMP	N	N	N	N	N		
BOOSTER SEAL	N	N	N	N	N		
MIXER SEAL	N	N	N	N	N		
PIG LAUNCHER	N	N	N	N	N		
STATION VISUAL	JP	JP	JP	JP	JP		

If any componet is leaking, minimize leak, notify Dist Foreman

Comments:

PIPELINE L. P.
HARBOR STATION
WEEKLY
FUGITIVE EMISSION INSPECTION LOG

INSPECTED BY	JP	JP	JP	JO	JP		
DATE 6/20/16	6.20	6.21	6.22	6/23	6.24		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
COMPONENT DESCRIPTION	LEAKING (Y/N)						
OPACITY G-1 - TIME	—	—	—	—	—		
ANY VISUAL EMISSIONS	—	—	—	—	—		
OPACITY G-3 - TIME	—	N	—	11:15	—		
ANY VISUAL EMISSIONS	—	N	—	N	—		
G-1 PUMP SEAL	N	N	N	N	N		
G-3 PUMP SEAL	N	N	N	N	N		
STATION VALVES	N	N	N	N	N		
TK 305 VALVES	N	N	N	N	N		
SUMP	N	N	N	N	N		
BOOSTER SEAL	N	N	N	N	N		
MIXER SEAL	N	N	N	N	N		
PIG LAUNCHER	N	N	N	N	N		
STATION VISUAL	JP	JP	JP	JO	JP		

If any componet is leaking, minimize leak, notify Dist Foreman

Comments:

PIPELINE L. P.
HARBOR STATION
WEEKLY
FUGITIVE EMISSION INSPECTION LOG

INSPECTED BY	JP	JP	JP	JP	JP		
DATE	7-11	7-12	7-13	7-14	7-15		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
COMPONENT DESCRIPTION	LEAKING (Y/N)						
OPACITY G-1 - TIME	—	—	—	—	—		
ANY VISUAL EMISSIONS	—	—	—	—	—		
OPACITY G-3 - TIME	—	06:30	—	—	06:05		
ANY VISUAL EMISSIONS	—	N	—	—	N		
G-1 PUMP SEAL	N	N	N	N	N		
G-3 PUMP SEAL	N	N	N	N	N		
STATION VALVES	N	N	N	N	N		
TK 305 VALVES	N	N	N	N	N		
SUMP	N	N	N	N	N		
BOOSTER SEAL	N	N	N	N	N		
MIXER SEAL	N	N	N	N	N		
PIG LAUNCHER	N	N	N	N	N		
STATION VISUAL	JP	JP	JP	JP	JP		

If any componet is leaking, minimize leak, notify Dist Foreman

Comments:

PIPELINE L. P.

HARBOR STATION

WEEKLY

FUGITIVE EMISSION INSPECTION LOG

INSPECTED BY	JP	JP	JP	JP			
DATE	8.1	8.2	8.3	8.4			
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
COMPONENT DESCRIPTION	LEAKING (Y/N)						
OPACITY G-1 - TIME	—	—	—	—			
ANY VISUAL EMISSIONS	—	—	—	—			
OPACITY G-3 - TIME	—	—	—	10:30			
ANY VISUAL EMISSIONS	—	—	—	N			
G-1 PUMP SEAL	N	N	N	N			
G-3 PUMP SEAL	N	N	N	N			
STATION VALVES	N	N	N	N			
TK 305 VALVES	N	N	N	N			
SUMP	N	N	N	N			
BOOSTER SEAL	N	N	N	N			
MIXER SEAL	N	N	N	N			
PIG LAUNCHER	N	N	N	N			
STATION VISUAL	JP	JP	JP	JP			

If any componet is leaking, minimize leak, notify Dist Foreman

Comments:

PIPELINE L. P.
HARBOR STATION
WEEKLY
FUGITIVE EMISSION INSPECTION LOG

INSPECTED BY	ST	JP	JP	JP	JP	ST	SA
DATE 9.5.19.12.16	9.5	9.6	9.7	9.8	9.9	9.10	9.11
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
COMPONENT DESCRIPTION	LEAKING (Y/N)						
OPACITY G-1 - TIME		—	—	—	—	—	—
ANY VISUAL EMISSIONS		—	—	—	—	—	—
OPACITY G-3 - TIME		—	—	0700	—	0745	0745
ANY VISUAL EMISSIONS		—	—	N	—	—	—
G-1 PUMP SEAL		N	N	N	N	N	N
G-3 PUMP SEAL		N	N	N	N	N	N
STATION VALVES		N	N	N	N	N	N
TK 305 VALVES		N	N	N	N	N	N
SUMP		N	N	N	N	N	N
BOOSTER SEAL		N	N	N	N	N	N
MIXER SEAL		N	N	N	N	N	N
PIG LAUNCHER		N	N	N	N	N	N
STATION VISUAL		JP	JP	JP	JP	SA	SA

If any componet is leaking, minimize leak, notify Dist Foreman

Comments:

PIPELINE L. P.
HARBOR STATION
WEEKLY
FUGITIVE EMISSION INSPECTION LOG

INSPECTED BY	JP	JP	JP	JP	JP	JP	JP
DATE 10·10/10·17·16	10·10	10·11	10·12	10·13	10·14	10/15	10/16
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
COMPONENT DESCRIPTION	LEAKING (Y/N)						
OPACITY G-1 - TIME	—	—	—	—	—	—	—
ANY VISUAL EMISSIONS	—	—	—	—	—	—	—
OPACITY G-3 - TIME	—	—	—	—	—	1000	—
ANY VISUAL EMISSIONS	—	—	—	—	—	N	—
G-1 PUMP SEAL	N	N	N	N	N	N	N
G-3 PUMP SEAL	N	N	N	N	N	N	N
STATION VALVES	N	N	N	N	N	N	N
TK 305 VALVES	N	N	N	N	N	N	N
SUMP	N	N	N	N	N	N	N
BOOSTER SEAL	N	N	N	N	N	N	N
MIXER SEAL	N	N	N	N	N	N	N
PIG LAUNCHER	N	N	N	N	N	N	N
STATION VISUAL	JP	JP	JP	JP	JP	JP	JP

If any componet is leaking, minimize leak, notify Dist Foreman

Comments:

PIPELINE L. P.
HARBOR STATION
WEEKLY
FUGITIVE EMISSION INSPECTION LOG

INSPECTED BY	[illegible]	JP	JP	JP	JP	[illegible]	[illegible]
DATE 11-7-16 - 11-13-16	11-7	11-8	11-9	11-10	11-11	11-12	11-13
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
COMPONENT DESCRIPTION	LEAKING (Y/N)						
OPACITY G-1 - TIME	—	—	—	—	—	—	—
ANY VISUAL EMISSIONS	—	—	—	—	—	—	—
OPACITY G-3 - TIME	11:04	5:15	—	8:03	6:34	7:10	7:20
ANY VISUAL EMISSIONS	N	N	N	N	N	N	N
G-1 PUMP SEAL	N	N	N	N	N	N	N
G-3 PUMP SEAL	N	N	N	N	N	N	N
STATION VALVES	N	N	N	N	N	N	N
TK 305 VALVES	N	N	N	N	N	N	N
SUMP	N	N	N	N	N	N	N
BOOSTER SEAL	N	N	N	N	N	N	N
MIXER SEAL	N	N	N	N	N	N	N
PIG LAUNCHER	N	N	N	N	N	N	N
STATION VISUAL	[illegible]	JP	[illegible]	[illegible]	JP	[illegible]	[illegible]

If any componet is leaking, minimize leak, notify Dist Foreman

Comments:

PIPELINE L. P.
HARBOR STATION
WEEKLY
FUGITIVE EMISSION INSPECTION LOG

INSPECTED BY	SP	SP	SP		SP	JO	JO
DATE 12-5 / 12-12	12-5	12-6	12-7		12-8	12/10	12/11
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
COMPONENT DESCRIPTION	LEAKING (Y/N)						
OPACITY G-1 - TIME	—	—	—		—	—	—
ANY VISUAL EMISSIONS	—	—	—		—	—	—
OPACITY G-3 - TIME	—	—	—		—	0800	—
ANY VISUAL EMISSIONS	—	—	—		—	N	—
G-1 PUMP SEAL	N	N	N		N	N	N
G-3 PUMP SEAL	N	N	N		N	N	N
STATION VALVES	N	N	N		N	N	N
TK 305 VALVES	N	N	N		N	N	N
SUMP	N	N	N		N	N	N
BOOSTER SEAL	N	N	N		N	N	N
MIXER SEAL	N	N	N		N	N	N
PIG LAUNCHER	N	N	N		N	N	N
STATION VISUAL	SP	SP	SP		SP	JO	JO

If any componet is leaking, minimize leak, notify Dist Foreman

Comments: