

CRIMSON CALIFORNIA



November 7, 2016

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 0750 0000 7521 7158

**SUBJECT: 2016 TITLE V ANNUAL COMPLIANCE CERTIFICATION
TORREY STATION PERMIT NO. 00385**

Dear Mr. Searcy:

Enclosed is the Title V Annual Compliance Certification Report for Crimson California Pipeline, L.P.'s Torrey Station Permit Number 00385. The reporting period covered by this compliance certification is October 1st, 2015 through September 30th, 2016.

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

Respectfully,

Valerie Jackson
VP Engineering & Regulatory Affairs

Enclosure: Torrey Station #00385 Title V Annual Compliance Certification 10/1/2015 – 9/30/2016

CC: Mr. Gerardo Rios, Chief, EPA Region 9
Valerie Muller, Beacon Energy Services, Inc.

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A.P.C.D.



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:  Title: President	Date: 11/04/2016
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Time Period Covered by Compliance Certification 10 / 1 / 15 (MM/DD/YY) to 9 / 30 / 16 (MM/DD/YY)



Ventura County
Air Pollution
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ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 10 / 1 / 2015 (MM/DD/YY) to 9 / 30 / 2016 (MM/DD/YY)

<p>A Attachment # or Permit Condition #: Att. No. 71.2.N.3, Rules 71.2.B.4, 71.2.C.1, 71.2.D</p>	<p>D Frequency of monitoring: Annually</p>
<p>B Description External floating roof crude oil storage tank ≥ 40,000 gallons Rules 71.2.B.4, 71.2.C.1, 71.2.D, 71.2.E</p>	<p>E Source test reference method, if applicable Attach Source Test Summary Form, if applicable Rule 71.2 Inspection</p>
<p>C Method of monitoring Primary and secondary seals were inspected 5/12/2016.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition # Attachment No. 71.4N1, Rules 71.4.B.2, 71.4.C.2</p>	<p>D. Frequency of monitoring: Quarterly</p>
<p>B. Description: Sumps, pits, and ponds with covers. Fugitive emissions monitoring and integrity of cover.</p>	<p>E. Source test reference method, if applicable Attach Source Test Summary Form, if applicable EPA Method 21</p>
<p>C. Method of monitoring Quarterly fugitive emissions (Rule 74.10) inspections were conducted on 10/28/2015, 2/9/2016, 5/3/2016, and 7/28/2016. The integrity of the cover has been verified.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition # Attachment No. 74.9N3, Rule 74.9.B.1 and B.2</p>	<p>D. Frequency of monitoring Quarterly</p>
<p>B. Description: Stationary natural gas-fired rich-burn internal combustion engine quarterly inspections and biennial source test.</p>	<p>E. Source test reference method, if applicable Attach Source Test Summary Form, if applicable CARB Method 100</p>
<p>C Method of monitoring Quarterly inspections were conducted using CARB Method 100 emissions test protocol. Quarterly monitoring was performed on 12/21/2015, 3/10/2016, and 6/23/2016. The biennial source test was conducted on 4/17/2015.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>



ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 10 / 1 / 2015 (MM/DD/YY) to 9 / 30 / 2016 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: 40 CFR 63ZZZZN7</p>	<p>D. Frequency of monitoring Intermittent.</p>
<p>B. Description: RICE MACT for non-emergency spark-ignited engines > 500 HP in remote area - oil change and inspection.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring Maintenance records, hours of operation.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>Y</u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Attachments No. P00385PC1, Cond. No. 1, Rule 29</p>	<p>D. Frequency of monitoring: Monthly</p>
<p>B. Description: Monthly records of throughput at tanks and facility fuel consumption.</p>	<p>E. Source test reference method, if applicable Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring. Weekly log sheets compiled by operations, reviewed monthly to verify 10,500,000 BBL annual limit on 80,000 BBLs tank, and combined fuel use limit of 86.6 MMCF/yr for two Enterprise Natural Gas-Fired Rich Burn engines.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Attachments No. P00385PC1, Cond. No. 2, Rule 29</p>	<p>D. Frequency of monitoring Quarterly</p>
<p>B. Description: Combustion equipment shall burn only natural gas.</p>	<p>E. Source test reference method, if applicable Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring Verification of equipment set-up at quarterly testing; verification of fuel use log. PUC natural gas is the only fuel source physically available for the operation of these engines.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>



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Period Covered by Compliance Certification: 10 / 1 / 2015 (MM/DD/YY) to 9 / 30 / 2016 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: Attachments No. P00385PC1, Cond. No. 3, Rule 29</p>	<p>D. Frequency of monitoring: Monthly</p>
<p>B. Description Records of solvent use for cleaning activities shall be maintained.</p>	<p>E. Source test reference method, if applicable Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: Facility monthly record keeping and review of non-exempt solvent use for wipe cleaning. No solvent use during reporting period.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N) <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Attachment No. 50, Rule 50</p>	<p>D. Frequency of monitoring Weekly</p>
<p>B. Description Opacity observations at the facility.</p>	<p>E. Source test reference method, if applicable Attach Source Test Summary Form, if applicable EPA Method 9</p>
<p>C. Method of monitoring Opacity surveillance and visual inspections of emissions are conducted weekly at the facility. A sample of the formal survey logs are attached.</p>	<p>F. Currently in Compliance? (Y or N) <u>Y</u> G. Compliance Status? (C or I) <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

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



ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 10 / 1 / 2015 (MM/DD/YY) to 9 / 30 / 2016 (MM/DD/YY)

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

<p>A. Attachment # or Permit Condition #: Attachment 55, Rule 55</p>	<p>D. Frequency of monitoring: Intermittent.</p>
<p>B. Description Fugitive Dust.</p>	<p>E. Source test reference method, if applicable Attach Source Test Summary Form, if applicable EPA Method 9.</p>
<p>C. Method of monitoring: All applicable sources of dust at this stationary source are operating in compliance with Rule 55.</p>	<p>F. Currently in Compliance? (Y or N) <u>Y</u></p> <p>G. Compliance Status? (C or I) <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N) <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Attachment 57.1, Rule 57.1</p>	<p>D. Frequency of monitoring: N/A</p>
<p>B. Description: Particulate matter emissions from fuel burning equipment.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable District Analysis dated December 3, 1997.</p>
<p>C. Method of monitoring: The facility is in compliance based on Rule 57.B District Analysis dated December 3, 1997.</p>	<p>F. Currently in Compliance? (Y or N) <u>Y</u></p> <p>G. Compliance Status? (C or I) <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



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Period Covered by Compliance Certification: 10 / 1 / 2015 (MM/DD/YY) to 9 / 30 / 2016 (MM/DD/YY)

<p>A Attachment # or Permit Condition #: Attachment No. 64.B.1, Rules 64.B.1, 54</p>	<p>D. Frequency of monitoring: N/A</p>
<p>B Description: Sulfur content of fuels - gaseous fuel requirements</p>	<p>E Source test reference method, if applicable Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: Only PUC-grade natural gas is combusted at this facility. No periodic monitoring is required.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Attachment No 74.6, Rule 74.6</p>	<p>D. Frequency of monitoring N/A</p>
<p>B. Description: Solvent cleaning activities</p>	<p>E. Source test reference method, if applicable Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: Facility monthly record keeping and review of non-exempt (non-acetone) solvent use for wipe cleaning of tank hatch seals. The solvent use during the reporting period was zero gallons.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Attachment No. 74.10, Rule 74.10</p>	<p>D. Frequency of monitoring: Quarterly</p>
<p>B Description: Leaking component inspections at crude oil and natural gas production and processing facilities.</p>	<p>E. Source test reference method, if applicable Attach Source Test Summary Form, if applicable EPA Method 21</p>
<p>C Method of monitoring Quarterly inspections of all components for fugitive emissions were conducted and reported on 10/28/2015, 2/9/2016, 5/3/2016, and 7/28/2016. Annual inspection of pressure relief valves. Daily inspections conducted and logged. Operator Management Plan will be updated by January 30th of each year, if necessary.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 10 / 1 / 2015 (MM/DD/YY) to 9 / 30 / 2016 (MM/DD/YY)

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

<p>A Attachment # or Permit Condition #: Attachment No. 74.22, Rule 74.22</p>	<p>D. Frequency of monitoring: Annual</p>
<p>B Description Requirements for natural gas-fired, fan-type central furnaces.</p>	<p>E. Source test reference method, if applicable Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring Annual review of facilities by management confirms that facility does not have equipment subject to this regulation.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A Attachment # or Permit Condition #: Attachment No 74.1, Rule 74.1</p>	<p>D. Frequency of monitoring: N/A</p>
<p>B Description Abrasive blasting</p>	<p>E. Source test reference method, if applicable Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring The facility did not conduct any abrasive blasting activities during the covered period.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>



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Period Covered by Compliance Certification: 10 / 1 / 2015 (MM/DD/YY) to 9 / 30 / 2016 (MM/DD/YY)

<p>A. Attachment # or Permit Condition #: Attachment No 74.2, Rule 74.1</p>	<p>D. Frequency of monitoring: Monthly</p>
<p>B. Description: Architectural coatings</p>	<p>E. Source test reference method, if applicable Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: Documentation of VOC content and usage of architectural coatings is maintained for the facility and updated monthly. No architectural coatings were used at the facility during the reporting period.</p>	<p>F. Currently in Compliance? (Y or N) <u>Y</u></p> <p>G. Compliance Status? (C or I) <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N) <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: Attachment No. 74.4.D, Rule 74.4.D</p>	<p>D. Frequency of monitoring N/A</p>
<p>B. Description: Use of cutback asphalts - road oils.</p>	<p>E. Source test reference method, if applicable Attach Source Test Summary Form, if applicable N/A</p>
<p>C. Method of monitoring: Annual review of facility and compliance certifications. No use of asphalt products occurred for this period.</p>	<p>F. Currently in Compliance? (Y or N) <u>Y</u></p> <p>G. Compliance Status? (C or I) <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N) <u>N</u> *If yes, attach Deviation Summary Form</p>

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



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ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 10 / 1 / 2015 (MM/DD/YY) to 9 / 30 / 2016 (MM/DD/YY)

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

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

<p>A. Attachment # or Permit Condition #:</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description:</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring:</p>	<p>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</p>



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ANNUAL COMPLIANCE CERTIFICATION DEVIATION SUMMARY FORM

Period Covered by Compliance Certification: 10 / 1 / 2015 (MM/DD/YY) to 9 / 30 / 2016 (MM/DD/YY)

A. Attachment # or Permit Condition #: 40 CFR 63ZZZN7	B. Equipment description: Enterprise G-2	C. Deviation Period: Date & Time Begin: <u>March 2016</u> End: <u>4/7/2016</u> When Discovered: Date & Time <u>4/7/2016</u>
D. Parameters monitored: Oil Change	E. Limit: 2,160 hours	F. Actual: 3,321 hours
G. Probable Cause of Deviation: Failure to change oil on schedule. The engine operated for 1,161 hours past the scheduled oil change.	H. Corrective actions taken: Oil was changed immediately upon discovery of the error.	

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:	

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:	



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ANNUAL COMPLIANCE CERTIFICATION SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 10 / 01 / 15 (MM/DD/YY) to 09 / 30 / 15 (MM/DD/YY)

A. Emission Unit Description: G-1			B. Pollutant: CO
C. Measured Emission Rate: 3,635 ppmv @ 15% O ₂	D. Limited Emission Rate: 4,500 ppmv @ 15% O ₂	E. Specific Source Test or Monitoring Record Citation: AirX Services	F. Test Date: 6/23/2016

A. Emission Unit Description: G-1			B. Pollutant: NOx
C. Measured Emission Rate: 9.2 ppmv @ 15% O ₂	D. Limited Emission Rate: 25 ppmv @ 15% O ₂	E. Specific Source Test or Monitoring Record Citation: AirX Services	F. Test Date: 6/23/2016

A. Emission Unit Description: G-2			B. Pollutant: CO
C. Measured Emission Rate: 3,670 ppmv @ 15% O ₂	D. Limited Emission Rate: 4,500 ppmv @ 15% O ₂	E. Specific Source Test or Monitoring Record Citation: AirX Services	F. Test Date: 6/23/2016

A. Emission Unit Description: G-2			B. Pollutant: NOx
C. Measured Emission Rate: 4.3 ppmv @ 15% O ₂	D. Limited Emission Rate: 25 ppmv @ 15% O ₂	E. Specific Source Test or Monitoring Record Citation: AirX Services	F. Test Date: 6/23/2016

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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ANNUAL COMPLIANCE CERTIFICATION SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 10 / 01 / 15 (MM/DD/YY) to 09 / 30 / 15 (MM/DD/YY)

A. Emission Unit Description: G-1			B. Pollutant: CO
C. Measured Emission Rate: 4,147 ppmv @ 15% O2	D. Limited Emission Rate: 4,500 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AirX Services	F. Test Date: 9/8/2016

A. Emission Unit Description: G-1			B. Pollutant: NOx
C. Measured Emission Rate: 9.3 ppmv @ 15% O2	D. Limited Emission Rate: 25 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AirX Services	F. Test Date: 9/8/2016

A. Emission Unit Description: G-2			B. Pollutant: CO
C. Measured Emission Rate: 3,824 ppmv @ 15% O2	D. Limited Emission Rate: 4,500 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AirX Services	F. Test Date: 9/8/2016

A. Emission Unit Description: G-2			B. Pollutant: NOx
C. Measured Emission Rate: 6.6 ppmv @ 15% O2	D. Limited Emission Rate: 25 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AirX Services	F. Test Date: 9/8/2016

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:

VENTURA COUNTY AIR POLLUTION CONTROL DISTRICT
RULE 71.2 INSPECTION REPORT

PLEASE COMPLETE FORM LEGIBLY IN BLACK INK

Created by Beacon Energy Services, Inc.

Tank No. 80702 Permit No. 00385 Inspection Date 5/12/2016 Time 8:45am
Is this a Follow-up Inspection? Yes No If yes, Date of Previous Inspection: _____

A. COMPANY INFORMATION:

Company Name Crimson Pipeline L.P.
Location Address Torrey Canyon Road City Piru Zip _____
Mailing Address 210 North 12th Street City Santa Paula Zip 93060
Contact Person Donna Diaz Title ~~Regulatory Compliance~~
Phone 562-355-6952 ENVIRONMENTAL ENGINEER

B. INSPECTION CONDUCTED BY:

Name Isaac Hernandez Title Inspector
Company Name Beacon Energy Services, Inc. Phone 562-997-3087
Mailing Address 2675 Junipero ave. Suite 600 City Signal Hill Zip 90755

C. TANK INFORMATION:

Capacity 80,000bbls Installation Date 1934 Diameter 110' Ht. 48'
Product Type Crude Product RVP _____
Type of Tank Riveted Welded Other (Describe) _____
Color of Shell White Color of Roof White
Roof Type Pontoon Double Deck Other (Describe) _____
 External floating roof Internal floating roof

D. GROUND LEVEL INSPECTION:

1) Product Temperature 68 Degrees F Product Level 8' - 0"
3) List type and location of leaks found in tank shell. None

E. INTERNAL FLOATING ROOF TANK:

NA 1) Check vapor space between floating roof and fixed roof with explosimeter. _____ % LEL
2) Conduct visual inspection of roofs and secondary seals, if applicable.
3) Are all roof openings covered? No Yes
If no, explain in comments section (J) and proceed to part (H)(6)

F. EXTERNAL FLOATING ROOF TANK:

1) On the diagram (attached) indicate the location of the ladder, roof drain(s), anti-rotation device(s), platform, gauge well, vents or other appurtenances. Note information relative to North (to the top of the worksheet)
2) Identify any tears in the seal fabric. Describe and indicate on diagram (attached)
No tears found in seal fabric
3) If this is an In-Service External Floating seal inspection, record the LEL% reading within 3 feet of the seal LEL 0%

**VENTURA COUNTY AIR POLLUTION CONTROL DISTRICT
RULE 71.2 INSPECTION REPORT**

Tank No. 80702 Permit No. OO387

G. FROM GAUGER PLATFORM:

1) Observe the entire floating roof:

Is the roof badly warped or buckled?	No	<input checked="" type="checkbox"/>	Yes	NA
Is there any obvious damage?	No	<input checked="" type="checkbox"/>	Yes	NA

2) Are there liquid hydrocarbons on the roof? No Yes NA

3) Is there water ponding on the roof? No Yes NA

Occasionally pools of water are usually a result of inadequate slope for damage or from a leaky geodesic dome roof. These do not become a hazard unless the roof drain system is not flowing freely or unless the water covers over half the roof.

4) For an External Floating Roof, is the bonding cable at the top of the rolling ladder in deteriorated condition? No Yes NA

H. SEAL INSPECTION:

1) Secondary Seal Inspection

a) Type of Secondary Seal: Single 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 for gaps > 1/8" 0 > 1/2" 0

*NOTE: Record the actual width and cumulative length of gaps in feet and inches. Do not include > 1/8" gaps in 1/2" measures

2) Primary Seal Inspection

a) Type of Primary Seal: 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

NA d) (tube seal) does 1/2" probe drop past seal? No Yes 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" 0 > 1/2" 0 > 1-1/2" 0

*NOTE: Record the actual width and cumulative length of gaps in feet and inches. Do not include 1/8" 1/2" gaps in 1-1/2 measurements

*NOTE: Record the actual width and cumulative length of gaps in feet and inches. Do not include > 1/8" gaps in 1/2" measures

**VENTURA COUNTY AIR POLLUTION CONTROL DISTRICT
RULE 71.2 INSPECTION REPORT**

Tank No. 80702 Permit No. 00387

I. CALCULATIONS - Complete all applicable portions of the following:

Gaps in <u>Primary Seal</u> between 1/8" and 1/2"	<u>0</u> (feet)	<u>0</u> (Inches)
Gaps in <u>Primary Seal</u> between 1/2" and 1-1/2"	<u>0</u> (feet)	<u>0</u> (Inches)
Gaps in <u>Primary Seal</u> greater than 1-1/2"	<u>0</u> (feet)	<u>0</u> (Inches)
Gaps in <u>Secondary Seal</u> between 1/8" and 1/2"	<u>0</u> (feet)	<u>0</u> (Inches)
Gaps in <u>Secondary Seal</u> > 1/2"	<u>0</u> (feet)	<u>0</u> (Inches)

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

5% Circumference = Diameter X 0.157 =	<u>17.27</u>	60% Circ. = Diameter X 1.88 =	<u>206.8</u>
10% Circumference = Diameter X 0.314 =	<u>34.54</u>	90% Circ. = Diameter X 2.83 =	<u>311.3</u>
30% Circumference = Diameter X 0.942 =	<u>103.62</u>	95% Circ = Diameter X 2.98 =	<u>327.8</u>

J. DETERMINE COMPLIANCE STATUS OF TANK:

1) Were any openings found on the roof?	No	<input checked="" type="checkbox"/>	Yes		
2) Were any tears in the seals found?	No	<input checked="" type="checkbox"/>	Yes		
3) Is the product level lower than the level at which the roof would be floating?	No	<input checked="" type="checkbox"/>	Yes		
4) Secondary Seal:					
Did 1/2" probe drop between the shell and seal?	No	<input checked="" type="checkbox"/>	Yes		
Did cumulative 1/8" - 1/2" gap exceed 5% of the tank circumference length?	No	<input checked="" type="checkbox"/>	Yes		
5) Primary Seal:					
Shoe	Did 1-1/2" probe drop between the shell and seal?	No	<input checked="" type="checkbox"/>	Yes	
	Did cumulative 1/2" - 1-1/2" gap exceed 10% circumference length?	No	<input checked="" type="checkbox"/>	Yes	
	Did cumulative 1/8" - 1/2" gap exceed 40% circumference length?	No	<input checked="" type="checkbox"/>	Yes	
	Did any <u>single continuous</u> 1/8" - 1-1/2" gap exceed 10% circumference length?	No	<input checked="" type="checkbox"/>	Yes	
Tube	Did 1/2" probe drop between the shell and seal?	No		Yes	NA <input checked="" type="checkbox"/>
	Did cumulative 1/8" - 1/2" gap exceed 95% circumference length?	No		Yes	NA <input checked="" type="checkbox"/>
<i>If "yes" is checked for any of the above items the tank is Out of Compliance</i>					
<hr/>					
7) Does tank have permit conditions?	No		Yes	<input checked="" type="checkbox"/>	
Does tank comply with these conditions?	No		Yes	<input checked="" type="checkbox"/>	

1 IF INSPECTION WAS TERMINATED PRIOR TO COMPLETION FOR ANY REASON, PLEASE EXPLAIN



Ventura County APCD
Rule 74.10 Component Leak Report

Q4/2015

Company Crimson Pipeline, LP
Facility Torrey Pump Station
Torrey Canyon Road, 0.5 Miles South of Guiberson Road, Piru, CA

District ID 00385
Contact Brad Seeley
(562) 285-4113

Component Group	Accessible	Inaccessible	Leaks	Percentage
Stuffing Box	0	0	0	0
Threaded Component	0	0	0	0
Valve	3	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	2	0	0	0

**No Reportable Leaks for this Quarter
Inspected on 10/28/2015**



Ventura County APCD
Rule 74.10 Component Leak Report

Q1/2016

Company Crimson Pipeline, LP
Facility Torrey Pump Station
Torrey Canyon Road, 0.5 Miles South of Guiberson Road, Piru, CA

District ID 00385
Contact Brad Seeley
(562) 285-4113

Component Group	Accessible	Inaccessible	Leaks	Percentage
Stuffing Box	0	0	0	0
Threaded Component	0	0	0	0
Valve	3	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	2	0	0	0

**No Reportable Leaks for this Quarter
Inspected on 02/09/2016**



Ventura County APCD
Rule 74.10 Component Leak Report

Q2/2016

Company Crimson Pipeline, LLC
Facility Torrey Pump Station
Torrey Canyon Road, 0.5 Miles South of Guiberson Road, Piru, CA

District ID 00385
Contact Brad Seeley
(562) 285-4113

Component Group	Accessible	Inaccessible	Leaks	Percentage
Stuffing Box	0	0	0	0
Threaded Component	0	0	0	0
Valve	3	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	2	0	0	0

**No Reportable Leaks for this Quarter
Inspected on 05/03/2016**



Ventura County APCD
Rule 74.10 Component Leak Report

Q3/2016

Company Crimson Pipeline, LLC
Facility Torrey Pump Station
Torrey Canyon Road, 0.5 Miles South of Guiberson Road, Piru, CA

District ID 00385
Contact Brad Seeley
(562) 285-4113

Component Group	Accessible	Inaccessible	Leaks	Percentage
Stuffing Box	0	0	0	0
Threaded Component	0	0	0	0
Valve	3	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	2	0	0	0

**No Reportable Leaks for this Quarter
Inspected on 07/28/2016**



SUMMARY OF SOURCE TEST RESULTS
Quarterly Emission Testing
Crimson Pipeline
Torrey Pump Station
G-1

12/21/2015

		<i>Allowable</i>
Oxides of Nitrogen (NOx)		
ppmv	52.3	-
ppmv @ 15% O2	14.9	25
Carbon Monoxide (CO)		
ppmv	13046	-
ppmv @ 15% O2	3716	4500
Oxygen (O2), percent	0.2	-
Opacity, %	0.0	10%

Note: Reported values represent a 15 minute average.



SUMMARY OF SOURCE TEST RESULTS
Quarterly Emission Testing
Crimson Pipeline
Torrey Pump Station
G-2

12/21/2015

		<i>Allowable</i>
Oxides of Nitrogen (NOx)		
ppmv	70.8	-
ppmv @ 15% O2	20.2	25
Carbon Monoxide (CO)		
ppmv	10393	-
ppmv @ 15% O2	2961	4500
Oxygen (O2), percent	0.2	-
Opacity, %	0.0	10%



SUMMARY OF SOURCE TEST RESULTS
Quarterly Emission Testing
Crimson Pipeline
Torrey Pump Station
G-1

3/10/2016

		<i>Allowable</i>
Oxides of Nitrogen (NOx)		
ppmv	50.0	-
ppmv @ 15% O2	14.3	25
Carbon Monoxide (CO)		
ppmv	14225	-
ppmv @ 15% O2	4054	4500
Oxygen (O2), percent	0.2	-

Note: Reported values represent a 15 minute average.



SUMMARY OF SOURCE TEST RESULTS
Quarterly Emission Testing
Crimson Pipeline
Torrey Pump Station
G-2

3/10/2016

		<i>Allowable</i>
Oxides of Nitrogen (NOx)		
ppmv	24.4	-
ppmv @ 15% O2	7.0	25
Carbon Monoxide (CO)		
ppmv	13520	-
ppmv @ 15% O2	3855	4500
Oxygen (O2), percent	0.2	-



SUMMARY OF SOURCE TEST RESULTS
Quarterly Emission Testing
Crimson Pipeline
Torrey Pump Station
G-1

6/23/2016

		<i>Allowable</i>
Oxides of Nitrogen (NOx)		
ppmv	32.5	-
ppmv @ 15% O2	9.2	25
Carbon Monoxide (CO)		
ppmv	12790	-
ppmv @ 15% O2	3635	4500
Oxygen (O2), percent	0.1	-

Note: Reported values represent a 15 minute average.



SUMMARY OF SOURCE TEST RESULTS
Quarterly Emission Testing
Crimson Pipeline
Torrey Pump Station
G-2

6/23/2016

		<i>Allowable</i>
Oxides of Nitrogen (NOx)		
ppmv	<i>15.0</i>	-
ppmv @ 15% O2	<i>4.3</i>	<i>25</i>
Carbon Monoxide (CO)		
ppmv	<i>12855</i>	-
ppmv @ 15% O2	<i>3670</i>	<i>4500</i>
Oxygen (O2), percent	<i>0.2</i>	-

Note: Reported values represent a 15 minute average.

SUMMARY OF SOURCE TEST RESULTS
Quarterly Emission Testing
Crimson Pipeline
Torrey Pump Station
G-1

9/8/2016

		<i>Allowable</i>
Oxides of Nitrogen (NOx)		
ppmv	32.6	-
ppmv @ 15% O2	9.3	25
Carbon Monoxide (CO)		
ppmv	14497	-
ppmv @ 15% O2	4147	4500
Oxygen (O2), percent	0.3	-

Note: Reported values represent a 15 minute average.

SUMMARY OF SOURCE TEST RESULTS
Quarterly Emission Testing
Crimson Pipeline
Torrey Pump Station
G-2

9/8/2016

		<i>Allowable</i>
Oxides of Nitrogen (NOx)		
ppmv	23.0	-
ppmv @ 15% O2	6.6	25
Carbon Monoxide (CO)		
ppmv	13357	-
ppmv @ 15% O2	3824	4500
Oxygen (O2), percent	0.3	-

Note: Reported values represent a 15 minute average.

CRIMSON PIPELINE LP

Engine 1440 Hr. Report

Operation Every 1440 Hrs.

Date 11/18/15

APCD PERMIT NUMBER 0385

LOCATION: TORREY STA

MAKE ENTERPRISE G-2

MODEL: G5G-6

TYPE: NATURAL GAS

INSPECTION ENGINE HOURS 14550

NEXT INSPECTION HOURS DUE: ~~15~~ 15990

INSPECTIONS PERFORMED

OIL ANALYSIS SAMPLE- OIL CHANGE

Comment: WATER IN OIL

INSPECT SPARK PLUGS- CHANGED 2 SPARK PLUGS

Comment: _____

INSPECT ALL HOSES AND BELTS- OK

Comment: _____

MECHANIC J. Oliver

DATE WORK COMPLETED 11/18/15

CRAWLSON PIPELINE LP

Engine 1440 Hr. Report

Operation Every 1440 Hrs.

Date 4/7/16

APCD PERMIT NUMBER 0385

LOCATION: Torrey 6-2

MAKE ENTERPRISE

MODEL: 6-566

TYPE: NATURAL GAS

INSPECTION ENGINE HOURS ~~18~~ 17871

NEXT INSPECTION HOURS DUE: 19311

INSPECTIONS PERFORMED

OIL ANALYSIS SAMPLE- OIL CHANGE & FILTERS

Comment: _____

INSPECT SPARK PLUGS- GOOD

Comment: _____

INSPECT ALL HOSES AND BELTS- GOOD

Comment: _____

MECHANIC 

DATE WORK COMPLETED 4/7/16

CRIMSON PIPELINE LP

Engine 1440 Hr. Report

Operation Every 1440 Hrs.

Date 5/9/16

APCD PERMIT NUMBER 0385

LOCATION: Torrey 6-1

MAKE ENTERPRISE

MODEL: GSG-6

TYPE: NATURAL GAS

INSPECTION ENGINE HOURS 17965

NEXT INSPECTION HOURS DUE: ~~18405~~ 19405

INSPECTIONS PERFORMED

OIL ANALYSIS SAMPLE- CHANGED OIL

Comment: _____

INSPECT SPARK PLUGS- NEW

Comment: _____

INSPECT ALL HOSES AND BELTS- NEW

Comment: _____

MECHANIC Joe Oliver

DATE WORK COMPLETED 5/9/16

CRIMSON PIPELINE LP

Engine 1440 Hr. Report

Operation Every 1440 Hrs.

Date 7/26/16

APCD PERMIT NUMBER 0385

LOCATION: Torrey 6-1

MAKE ENTERPRISE

MODEL: 656-6

TYPE: NATURAL GAS

INSPECTION ENGINE HOURS 19371

NEXT INSPECTION HOURS DUE: 20811

INSPECTIONS PERFORMED

OIL ANALYSIS SAMPLE- Oil & Filter CHANGE

Comment: 1st OIL CHANGE ~~SB~~, AFTER OVERTHAUL

INSPECT SPARK PLUGS- GOOD

Comment: _____

INSPECT ALL HOSES AND BELTS- GOOD

Comment: _____

MECHANIC Joe Oliver

DATE WORK COMPLETED 7/26/16

CRIMSON PIPELINE LP
ENGINE SERVICE REPORT

TYPE OF SERVICE REPLACE

DATE 3/1/16

APCD PERMIT NUMBER 0385

LOCATION Torrey Station

MAKE Enterprise (G-1)

MODEL GSG-6

TYPE Natural Gas

ENGINE HOURS 16533

OPERATIONS PERFORMED

REPLACED O₂ SENSORS FRONT AND BACK

RESET A/F CONTROL

MECHANIC



DATE WORK COMPLETED

3/1/16

CRIMSON PIPELINE LP
ENGINE SERVICE REPORT

TYPE OF SERVICE Filter Change

DATE 3/14/16

APCD PERMIT NUMBER 0385

LOCATION Torrey Station

MAKE Enterprise (G-1)

MODEL GSG-6

TYPE Natural Gas

ENGINE HOURS 16766

OPERATIONS PERFORMED

Air Filter Change

MECHANIC



DATE WORK COMPLETED

3/14/16

CRIMSON PIPELINE LP
ENGINE SERVICE REPORT

TYPE OF SERVICE OVERHAUL

DATE 5/9/16

APCD PERMIT NUMBER 0385

LOCATION Torrey Station

MAKE Enterprise (G-1)

MODEL GSG-6

TYPE Natural Gas

ENGINE HOURS 17965

OPERATIONS PERFORMED

ENGINE OVERHAUL

OIL CHANGE & FILTERS

MECHANIC



DATE WORK COMPLETED

5/9/16

CRIMSON PIPELINE LP
ENGINE SERVICE REPORT

TYPE OF SERVICE REPLACE

DATE 11/2/15

APCD PERMIT NUMBER 0385

LOCATION Torrey Station

MAKE Enterprise (G-2)

MODEL GSG-6

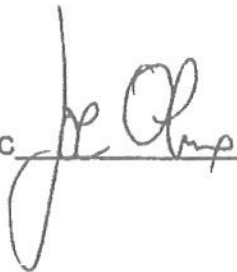
TYPE Natural Gas

ENGINE HOURS 14339

OPERATIONS PERFORMED

Air Filters

MECHANIC



DATE WORK COMPLETED

11/12/15

TORREY STATION ENGINE DATA SHEET
ENTERPRISE G-1

ENGINE TIMER: START 17790 FINISH 17790 TOTAL HOURS _____
 OUTGOING BBLs. START _____
 INCOMING BBLs. START _____

INITIALS	SP	JP	JP		JB		
DATE	10/19	10/20	10/21		10/23		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE							
SUCTION PRESSURE							
OXY. OUTPUT (mv) FRONT							
OXY. OUTPUT (mv) BACK							
MAKE-UP TANK LEVEL							
LUBE OIL LEVEL							
OIL ADDED TO ENGINE							
AIR PRESSURE							
CONVERTER TEMP TC-1							
CONVERTER TEMP TC-2							
FRONT AIR/FUEL PRESSURE							
REAR AIR/FUEL PRESSURE							
ENGINE RPM'S							
CYLINDER #1							
CYLINDER #2							
CYLINDER #3							
CYLINDER #4							
CYLINDER #5							
CYLINDER #6	D	D	D		D		
ENGINE WATER PRESSURE	0	0	0		0		
ENGINE WATER TEMP.	W	W	W		W		
ENGINE OIL PRESSURE	N	N	N		N		
ENGINE OIL TEMP.							
GEAR BOX OIL PRESSURE							
INBOARD BEARING TEMP.							
OUTBOARD BEARING TEMP.							

TORREY STATION ENGINE DATA SHEET
ENTERPRISE G-1

ENGINE TIMER: START 1770 FINISH _____ TOTAL HOURS _____
 OUTGOING BBLs. START _____
 INCOMING BBLs. START _____

INITIALS	JO	JO		JO	JO		
DATE	11/2	11/3		11/5	11/6		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE							
SUCTION PRESSURE							
OXY. OUTPUT (mv) FRONT							
OXY. OUTPUT (mv) BACK							
MAKE-UP TANK LEVEL							
LUBE OIL LEVEL							
OIL ADDED TO ENGINE							
AIR PRESSURE							
CONVERTER TEMP TC-1							
CONVERTER TEMP TC-2							
FRONT AIR/FUEL PRESSURE							
REAR AIR/FUEL PRESSURE							
ENGINE RPM'S							
CYLINDER #1							
CYLINDER #2							
CYLINDER #3	D	D		D	D		
CYLINDER #4	O	O		O	O		
CYLINDER #5	W	W		W	W		
CYLINDER #6	N	N		N	N		
ENGINE WATER PRESSURE							
ENGINE WATER TEMP.							
ENGINE OIL PRESSURE							
ENGINE OIL TEMP.							
GEAR BOX OIL PRESSURE							
INBOARD BEARING TEMP.							
OUTBOARD BEARING TEMP.							

TORREY STATION ENGINE DATA SHEET
ENTERPRISE G-1

ENGINE TIMER: START 17740 FINISH _____ TOTAL HOURS _____
 OUTGOING BBLs. START _____
 INCOMING BBLs. START _____

INITIALS	Jo		JP			JP		
DATE	12/7 - 12/14/15	12/7		12/9		12/11		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN	
DISCHARGE PRESSURE								
SUCTION PRESSURE								
OXY. OUTPUT (mv) FRONT								
OXY. OUTPUT (mv) BACK								
MAKE-UP TANK LEVEL								
LUBE OIL LEVEL								
OIL ADDED TO ENGINE								
AIR PRESSURE								
CONVERTER TEMP TC-1								
CONVERTER TEMP TC-2								
FRONT AIR/FUEL PRESSURE								
REAR AIR/FUEL PRESSURE								
ENGINE RPM'S								
CYLINDER #1								
CYLINDER #2								
CYLINDER #3								
CYLINDER #4	D		D		D			
CYLINDER #5	O		O		O			
CYLINDER #6	W		W		W			
ENGINE WATER PRESSURE	W		N		N			
ENGINE WATER TEMP.								
ENGINE OIL PRESSURE								
ENGINE OIL TEMP.								
GEAR BOX OIL PRESSURE								
INBOARD BEARING TEMP.								
OUTBOARD BEARING TEMP.								

TORREY STATION ENGINE DATA SHEET
ENTERPRISE G-1

ENGINE TIMER: START 17812 FINISH 17830 TOTAL HOURS _____

OUTGOING BBLs. START _____

INCOMING BBLs. START _____

INITIALS	JB	JO		JB	JO		
DATE <u>1/18 - 1/23/16</u>	<u>1/18</u>	<u>1/19</u>		<u>1/21</u>	<u>1/22</u>		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE							
SUCTION PRESSURE							
OXY. OUTPUT (mv) FRONT							
OXY. OUTPUT (mv) BACK							
MAKE-UP TANK LEVEL							
LUBE OIL LEVEL							
OIL ADDED TO ENGINE							
AIR PRESSURE							
CONVERTER TEMP TC-1							
CONVERTER TEMP TC-2							
FRONT AIR/FUEL PRESSURE							
REAR AIR/FUEL PRESSURE							
ENGINE RPM'S							
CYLINDER #1							
CYLINDER #2							
CYLINDER #3							
CYLINDER #4							
CYLINDER #5				D	D		
CYLINDER #6	D	D		O	O		
ENGINE WATER PRESSURE	O	O		W	W		
ENGINE WATER TEMP.	W	W		N	N		
ENGINE OIL PRESSURE	N	N					
ENGINE OIL TEMP.							
GEAR BOX OIL PRESSURE							
INBOARD BEARING TEMP.							
OUTBOARD BEARING TEMP.							

TORREY STATION ENGINE DATA SHEET
ENTERPRISE G-1

ENGINE TIMER: START 17670 FINISH _____ TOTAL HOURS _____

OUTGOING BBLs. START _____

INCOMING BBLs. START _____

INITIALS	Jo		Jo	Jo	Jo		
DATE	2/22-2/29/16	2/22	2/24	2/25	2/26		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE							
SUCTION PRESSURE							
OXY. OUTPUT (mv) FRONT							
OXY. OUTPUT (mv) BACK							
MAKE-UP TANK LEVEL							
LUBE OIL LEVEL							
OIL ADDED TO ENGINE							
AIR PRESSURE							
CONVERTER TEMP TC-1							
CONVERTER TEMP TC-2							
FRONT AIR/FUEL PRESSURE							
REAR AIR/FUEL PRESSURE							
ENGINE RPM'S							
CYLINDER #1							
CYLINDER #2							
CYLINDER #3			D	D	D		
CYLINDER #4	D		0	0	0		
CYLINDER #5	0		w	w	w		
CYLINDER #6	w		v	v	w		
ENGINE WATER PRESSURE	N						
ENGINE WATER TEMP.							
ENGINE OIL PRESSURE							
ENGINE OIL TEMP.							
GEAR BOX OIL PRESSURE							
INBOARD BEARING TEMP.							
OUTBOARD BEARING TEMP.							

TORREY STATION ENGINE DATA SHEET
ENTERPRISE G-1

ENGINE TIMER: START 17811 FINISH 17811 TOTAL HOURS _____

OUTGOING BBLs. START _____

INCOMING BBLs. START _____

INITIALS	JB	JD	JW	JL	JR		
DATE	3/14	3/15	3/16	3/17	3/18		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE							
SUCTION PRESSURE							
OXY. OUTPUT (mv) FRONT							
OXY. OUTPUT (mv) BACK							
MAKE-UP TANK LEVEL							
LUBE OIL LEVEL							
OIL ADDED TO ENGINE							
AIR PRESSURE							
CONVERTER TEMP TC-1							
CONVERTER TEMP TC-2							
FRONT AIR/FUEL PRESSURE							
REAR AIR/FUEL PRESSURE							
ENGINE RPM'S							
CYLINDER #1	D						
CYLINDER #2	O	D	D				
CYLINDER #3	W	O	O		D		
CYLINDER #4	N	W	W		O		
CYLINDER #5		W	W		W		
CYLINDER #6				D	N		
ENGINE WATER PRESSURE				O			
ENGINE WATER TEMP.				W			
ENGINE OIL PRESSURE				W			
ENGINE OIL TEMP.							
GEAR BOX OIL PRESSURE							
INBOARD BEARING TEMP.							
OUTBOARD BEARING TEMP.							

TORREY STATION ENGINE DATA SHEET
ENTERPRISE G-1

ENGINE TIMER: START 17871 FINISH _____ TOTAL HOURS _____

OUTGOING BBLs. START _____

INCOMING BBLs. START _____

INITIALS	JP	JS	Jo		Jo		
DATE	4.4.16	4.5	4/6		4/8		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE							
SUCTION PRESSURE							
OXY. OUTPUT (mv) FRONT							
OXY. OUTPUT (mv) BACK							
MAKE-UP TANK LEVEL							
LUBE OIL LEVEL							
OIL ADDED TO ENGINE							
AIR PRESSURE							
CONVERTER TEMP TC-1							
CONVERTER TEMP TC-2							
FRONT AIR/FUEL PRESSURE							
REAR AIR/FUEL PRESSURE							
ENGINE RPM'S							
CYLINDER #1							
CYLINDER #2	↓	↓					
CYLINDER #3	D	D	D				
CYLINDER #4	O	O	O		D		
CYLINDER #5	W	W	W		O		
CYLINDER #6	N	N	N		W		
ENGINE WATER PRESSURE	↑	↑			W		
ENGINE WATER TEMP.							
ENGINE OIL PRESSURE							
ENGINE OIL TEMP.							
GEAR BOX OIL PRESSURE							
INBOARD BEARING TEMP.							
OUTBOARD BEARING TEMP.							

TORREY STATION ENGINE DATA SHEET
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ENGINE TIMER: START 17965 FINISH 18076 TOTAL HOURS 111
 OUTGOING BBLs. START _____
 INCOMING BBLs. START _____

INITIALS	JO	JO	JP		JO		
DATE	5/9	5/10	5/11		5/13		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE	525		600 535		525		
SUCTION PRESSURE	14.0		13.9		13.8		
OXY. OUTPUT (mv) FRONT	12.0		12.0		12.0		
OXY. OUTPUT (mv) BACK	12.0		12.0		12.0		
MAKE-UP TANK LEVEL	Full		Full		Full		
LUBE OIL LEVEL	1/2		1/2		1/2		
OIL ADDED TO ENGINE	106AL		Ø		106AL		
AIR PRESSURE	190		192		190		
CONVERTER TEMP TC-1	809		809		804		
CONVERTER TEMP TC-2	785		789		783		
FRONT AIR/FUEL PRESSURE	+1.0		+1.9		+1.0		
REAR AIR/FUEL PRESSURE	+2.0		+1.9		+2.0		
ENGINE RPM'S	347		346		346		
CYLINDER #1	968	↓	969		968		
CYLINDER #2	967	D	972		971		
CYLINDER #3	972	O	970		974		
CYLINDER #4	981	W	972		978		
CYLINDER #5	990	N	1013		992		
CYLINDER #6	—		—		—		
ENGINE WATER PRESSURE	9		8		9		
ENGINE WATER TEMP.	150		145		150		
ENGINE OIL PRESSURE	73				71		
ENGINE OIL TEMP.	145		142		145		
GEAR BOX OIL PRESSURE	32		33		34		
INBOARD BEARING TEMP.	125		120		120		
OUTBOARD BEARING TEMP.	140		142		140		

TORREY STATION ENGINE DATA SHEET
ENTERPRISE G-1

ENGINE TIMER: START 18074 FINISH 18725 TOTAL HOURS _____
 OUTGOING BBLs. START _____
 INCOMING BBLs. START _____

INITIALS	JR	JO	JO	JO	JO		
DATE	6/20 - 6/27/16						
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE		524		525			
SUCTION PRESSURE		12.8		13.4			
OXY. OUTPUT (mv) FRONT		12.0		12.0			
OXY. OUTPUT (mv) BACK		12.0		12.0			
MAKE-UP TANK LEVEL		Full		Full			
LUBE OIL LEVEL		1/2		1/2			
OIL ADDED TO ENGINE		—		—			
AIR PRESSURE		190		195			
CONVERTER TEMP TC-1		810		830			
CONVERTER TEMP TC-2		793		802			
FRONT AIR/FUEL PRESSURE		+1.0		+1.0			
REAR AIR/FUEL PRESSURE		+1.9		+1.9			
ENGINE RPM'S	✓	354		358			
CYLINDER #1	D	972		978			
CYLINDER #2	O	970		974	D		
CYLINDER #3	W	968		974	O		
CYLINDER #4	N	973		984	W		
CYLINDER #5	^	983	D	992	W		
CYLINDER #6		—	O	—			
ENGINE WATER PRESSURE		9	W	9			
ENGINE WATER TEMP.		150	W	150			
ENGINE OIL PRESSURE		73		72			
ENGINE OIL TEMP.		145		145			
GEAR BOX OIL PRESSURE		24		26			
INBOARD BEARING TEMP.		140		140			
OUTBOARD BEARING TEMP.		135		145			

TORREY STATION ENGINE DATA SHEET
ENTERPRISE G-1

ENGINE TIMER: START 19248 FINISH 19371 TOTAL HOURS 123
 OUTGOING BBLs. START _____
 INCOMING BBLs. START _____

INITIALS	J0		J0	J0	JP		
DATE	<u>7/25</u>		<u>7/27</u>	<u>7/28</u>	<u>7/29</u>		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE	<u>525</u>		<u>529</u>	<u>525</u>	<u>526</u>		
SUCTION PRESSURE	<u>13.8</u>		<u>13.0</u>	<u>13.2</u>	<u>13.1</u>		
OXY. OUTPUT (mv) FRONT	<u>12.0</u>		<u>12.0</u>	<u>12.0</u>	<u>12.0</u>		
OXY. OUTPUT (mv) BACK	<u>12.0</u>		<u>12.0</u>	<u>12.0</u>	<u>12.0</u>		
MAKE-UP TANK LEVEL	<u>Full</u>		<u>Full</u>	<u>Full</u>	<u>Full</u>		
LUBE OIL LEVEL	<u>1/2</u>		<u>1/2</u>	<u>1/2</u>	<u>1/2</u>		
OIL ADDED TO ENGINE	<u>10 GAL</u>		<u>-</u>	<u>10 GAL</u>	<u>0</u>		
AIR PRESSURE	<u>190</u>		<u>190</u>	<u>195</u>	<u>190</u>		
CONVERTER TEMP TC-1	<u>795</u>		<u>809</u>	<u>812</u>	<u>838</u>		
CONVERTER TEMP TC-2	<u>771</u>		<u>781</u>	<u>785</u>	<u>824</u>		
FRONT AIR/FUEL PRESSURE	<u>+1.5</u>		<u>+1.5</u>	<u>+1.5</u>	<u>+1.7</u>		
REAR AIR/FUEL PRESSURE	<u>+2.0</u>		<u>+1.8</u>	<u>+2.0</u>	<u>+1.6</u>		
ENGINE RPM'S	<u>346</u>		<u>352</u>	<u>352</u>	<u>361</u>		
CYLINDER #1	<u>960</u>		<u>980</u>	<u>985</u>	<u>994</u>		
CYLINDER #2	<u>964</u>		<u>978</u>	<u>981</u>	<u>947</u>		
CYLINDER #3	<u>938</u>		<u>952</u>	<u>960</u>	<u>959</u>		
CYLINDER #4	<u>975</u>		<u>980</u>	<u>992</u>	<u>1020</u>		
CYLINDER #5	<u>1000</u>		<u>1009</u>	<u>1005</u>	<u>1046</u>		
CYLINDER #6	<u>-</u>		<u>-</u>	<u>-</u>	<u>-</u>		
ENGINE WATER PRESSURE	<u>9</u>		<u>9</u>	<u>9</u>	<u>7</u>		
ENGINE WATER TEMP.	<u>150</u>		<u>150</u>	<u>150</u>	<u>158</u>		
ENGINE OIL PRESSURE	<u>70</u>		<u>72</u>	<u>70</u>	<u>75</u>		
ENGINE OIL TEMP.	<u>150</u>		<u>150</u>	<u>150</u>	<u>150</u>		
GEAR BOX OIL PRESSURE	<u>25</u>		<u>28</u>	<u>27</u>	<u>19</u>		
INBOARD BEARING TEMP.	<u>140</u>		<u>140</u>	<u>140</u>	<u>150</u>		
OUTBOARD BEARING TEMP.	<u>140</u>		<u>140</u>	<u>145</u>	<u>150</u>		

TORREY STATION ENGINE DATA SHEET
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ENGINE TIMER: START 19640 FINISH _____ TOTAL HOURS _____

OUTGOING BBLs. START _____

INCOMING BBLs. START _____

INITIALS	JO	JO	JO	JO	JO		
DATE <u>8/22 - 8/29/16</u>	8/22	8/29	8/24	8/25	8/26		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE	526	526	524	525			
SUCTION PRESSURE	13.4	12.9	13.1	13.0			
OXY. OUTPUT (mv) FRONT	12.0	12.0	12.0	12.0			
OXY. OUTPUT (mv) BACK	12.0	12.0	12.0	12.0			
MAKE-UP TANK LEVEL	Full	Full	Full	Full			
LUBE OIL LEVEL	1/2	1/2	1/2	1/2			
OIL ADDED TO ENGINE	106AL	-	-	106AL			
AIR PRESSURE	190	195	199	190			
CONVERTER TEMP TC-1	825	851	829	809			
CONVERTER TEMP TC-2	805	831	802	800			
FRONT AIR/FUEL PRESSURE	+1.8	+1.8	+1.8	+1.8			
REAR AIR/FUEL PRESSURE	+2.0	+2.0	+2.0	+2.0			
ENGINE RPM'S	352	369	354	348			
CYLINDER #1	998	1008	1002	998			
CYLINDER #2	984	996	992	952	D		
CYLINDER #3	951	964	960	952	O		
CYLINDER #4	982	998	992	988	W		
CYLINDER #5	992	1002	998	99.7	W		
CYLINDER #6	-	-	-	-			
ENGINE WATER PRESSURE	9	9	9	9			
ENGINE WATER TEMP.	150	155	150	150			
ENGINE OIL PRESSURE	70	71	72	72			
ENGINE OIL TEMP.	150	150	145	145			
GEAR BOX OIL PRESSURE	26	28	27	24			
INBOARD BEARING TEMP.	140	145	140	140			
OUTBOARD BEARING TEMP.	150	155	150	140			

TORREY STATION ENGINE DATA SHEET
ENTERPRISE G-1

ENGINE TIMER: START 19942 FINISH 20036 TOTAL HOURS 96

OUTGOING BBLs. START _____

INCOMING BBLs. START _____

INITIALS	JO	JO	CS	JO	JO	ST	ST	
DATE	9/12 - 9/19/16	9/12	9/13	9/14	9/15	9/16	9/17	9/18
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN	
DISCHARGE PRESSURE	528		582			530	526	
SUCTION PRESSURE	12.7		12.8			14.0	13.1	
OXY. OUTPUT (mv) FRONT	12.0		12.0			12.0	12.0	
OXY. OUTPUT (mv) BACK	12.0		12.0			12.0	12.0	
MAKE-UP TANK LEVEL	Full		Full			Full	Full	
LUBE OIL LEVEL	1/2		1/2			3/8	1/2	
OIL ADDED TO ENGINE	-		-			17 gal.	-	
AIR PRESSURE	195		190			190	190	
CONVERTER TEMP TC-1	838		859			800	819	
CONVERTER TEMP TC-2	828		856			785	813	
FRONT AIR/FUEL PRESSURE	+1.0		+1.0			+1.0	+1.0	
REAR AIR/FUEL PRESSURE	+2.0		+2.2			+2.0	+2.0	
ENGINE RPM'S	360		375			346	360	
CYLINDER #1	1000		1023			955	983	
CYLINDER #2	991		1014		D	960	985	
CYLINDER #3	965		976		O	932	950	
CYLINDER #4	1011	D	1041	D	W	990	1017	
CYLINDER #5	1025	O	1058	O	N	1013	1034	
CYLINDER #6	-	W	-	W		-	-	
ENGINE WATER PRESSURE	9	N	9	W		9	11	
ENGINE WATER TEMP.	155		150			148	160	
ENGINE OIL PRESSURE	72		79			*94*	76	
ENGINE OIL TEMP.	150		145			125	156	
GEAR BOX OIL PRESSURE	22		31			28	19	
INBOARD BEARING TEMP.	145		140			130	150	
OUTBOARD BEARING TEMP.	145		140			132	150	

TORREY STATION ENGINE DATA SHEET
ENTERPRISE G-2

ENGINE TIMER: START 13993 FINISH 14137 TOTAL HOURS 144

OUTGOING BBLs. START _____

INCOMING BBLs. START _____

INITIALS	JP	SP	JP		JP		
DATE	10/19	10/20	10/21		10/23		
DAY	10/19/ - 10/26/15	MON	TUES	WED	THUR	FRI	SAT SUN
DISCHARGE PRESSURE	527	528	530		527		
SUCTION PRESSURE	13.6	14.00	12.7		13.4		
OXY. OUTPUT (mv) FRONT	12.00	12.00	12.00		12.0		
OXY. OUTPUT (mv) BACK	14.00	14.00	14.00		14.0		
MAKE-UP TANK LEVEL	Full	Full	Full		Full		
LUBE OIL LEVEL	1/2	1/2	1/2		1/2		
OIL ADDED TO ENGINE	0	0	2 gal		-		
AIR PRESSURE	192	189	198		190		
CONVERTER TEMP TC-1	822	822	871		825		
CONVERTER TEMP TC-2	809	872	863		807		
FRONT AIR/FUEL PRESSURE	+1.9	+2.0	+2.0		+1.8		
REAR AIR/FUEL PRESSURE	+1.6	+1.7	+1.6		+1.6		
ENGINE RPM'S	348	360	360		347		
CYLINDER #1	1009	1035	1020		1005		
CYLINDER #2	962	984	979		964		
CYLINDER #3	1029	1045	1047		1015		
CYLINDER #4	991	1000	995		988		
CYLINDER #5	983	1007	1014		981		
CYLINDER #6	988	1026	1034		987		
ENGINE WATER PRESSURE	8	8	8		9		
ENGINE WATER TEMP.	165	165	168		160		
ENGINE OIL PRESSURE	27	27	29		28		
ENGINE OIL TEMP.	160	162	161		165		
GEAR BOX OIL PRESSURE	20	25	23		21		
INBOARD BEARING TEMP.	108	110	110		110		
OUTBOARD BEARING TEMP.	140	140	142		140		

TORREY STATION ENGINE DATA SHEET
ENTERPRISE G-2

ENGINE TIMER: START 14541 FINISH _____ TOTAL HOURS _____
 OUTGOING BBLs. START _____
 INCOMING BBLs. START _____

INITIALS	JO	JO		JO	JO		
DATE <u>11/16-11/23/15</u>	<u>11/16</u>	<u>11/17</u>		<u>11/19</u>	<u>11/20</u>		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE	<u>525</u>	<u>528</u>		<u>525</u>	<u>527</u>		
SUCTION PRESSURE	<u>13.6</u>	<u>12.2</u>		<u>13.0</u>	<u>13.4</u>		
OXY. OUTPUT (mv) FRONT	<u>12.0</u>	<u>12.0</u>		<u>12.0</u>	<u>12.0</u>		
OXY. OUTPUT (mv) BACK	<u>14.0</u>	<u>14.0</u>		<u>14.0</u>	<u>14.0</u>		
MAKE-UP TANK LEVEL	<u>Full</u>	<u>Full</u>		<u>Full</u>	<u>Full</u>		
LUBE OIL LEVEL	<u>1/2</u>	<u>1/2</u>		<u>1/2</u>	<u>1/2</u>		
OIL ADDED TO ENGINE	<u>106AL</u>	<u>-</u>		<u>-</u>	<u>156AL</u>		
AIR PRESSURE	<u>190</u>	<u>189</u>		<u>190</u>	<u>190</u>		
CONVERTER TEMP TC-1	<u>825</u>	<u>880</u>		<u>822</u>	<u>826</u>		
CONVERTER TEMP TC-2	<u>804</u>	<u>862</u>		<u>801</u>	<u>815</u>		
FRONT AIR/FUEL PRESSURE	<u>+1.2</u>	<u>+1.0</u>		<u>+1.2</u>	<u>+1.0</u>		
REAR AIR/FUEL PRESSURE	<u>+1.6</u>	<u>+1.0</u>		<u>+1.8</u>	<u>+0.5</u>		
ENGINE RPM'S	<u>348</u>	<u>361</u>		<u>347</u>	<u>350</u>		
CYLINDER #1	<u>1000</u>	<u>1031</u>		<u>958</u>	<u>1006</u>		
CYLINDER #2	<u>971</u>	<u>979</u>		<u>970</u>	<u>970</u>		
CYLINDER #3	<u>998</u>	<u>1037</u>		<u>994</u>	<u>1020</u>		
CYLINDER #4	<u>995</u>	<u>1030</u>		<u>991</u>	<u>1000</u>		
CYLINDER #5	<u>994</u>	<u>1020</u>		<u>996</u>	<u>988</u>		
CYLINDER #6	<u>984</u>	<u>1045</u>		<u>981</u>	<u>1006</u>		
ENGINE WATER PRESSURE	<u>8</u>	<u>8</u>		<u>9</u>	<u>9</u>		
ENGINE WATER TEMP.	<u>160</u>	<u>155</u>		<u>150</u>	<u>165</u>		
ENGINE OIL PRESSURE	<u>34</u>	<u>28</u>		<u>29</u>	<u>27</u>		
ENGINE OIL TEMP.	<u>190</u>	<u>160</u>		<u>160</u>	<u>165</u>		
GEAR BOX OIL PRESSURE	<u>21</u>	<u>24</u>		<u>20</u>	<u>21</u>		
INBOARD BEARING TEMP.	<u>105</u>	<u>105</u>		<u>105</u>	<u>105</u>		
OUTBOARD BEARING TEMP.	<u>140</u>	<u>145</u>		<u>135</u>	<u>140</u>		

TORREY STATION ENGINE DATA SHEET
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ENGINE TIMER: START 14962 FINISH 15119 TOTAL HOURS _____
 OUTGOING BBLs. START _____
 INCOMING BBLs. START _____

INITIALS	JO		JP		JP		
DATE	12/7		12/9		12/11		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE			530		533		
SUCTION PRESSURE			13.3		12.3		
OXY. OUTPUT (mv) FRONT			12.00		12.00		
OXY. OUTPUT (mv) BACK			14.00		14.00		
MAKE-UP TANK LEVEL			Full		Full		
LUBE OIL LEVEL			1/2		1/2		
OIL ADDED TO ENGINE			10 Gal		20 Gal		
AIR PRESSURE			187		195		
CONVERTER TEMP TC-1			844		787		
CONVERTER TEMP TC-2			830		783		
FRONT AIR/FUEL PRESSURE			+1.0		+1.8		
REAR AIR/FUEL PRESSURE			+0.2		+0.9		
ENGINE RPM'S			353		347		
CYLINDER #1			1027		996		
CYLINDER #2			968		948		
CYLINDER #3	D		1025		994		
CYLINDER #4	O		1000		987		
CYLINDER #5	W		991		978		
CYLINDER #6	N		1012		997		
ENGINE WATER PRESSURE			10		5		
ENGINE WATER TEMP.			165		125		
ENGINE OIL PRESSURE			27		47		
ENGINE OIL TEMP.			168		80		
GEAR BOX OIL PRESSURE			21		38		
INBOARD BEARING TEMP.			110		78		
OUTBOARD BEARING TEMP.			140		85		

TORREY STATION ENGINE DATA SHEET
ENTERPRISE G-2

ENGINE TIMER: START 15766 FINISH 15930 TOTAL HOURS _____

OUTGOING BBLs. START _____

INCOMING BBLs. START _____

INITIALS	J8	J0		J0	J0		
DATE <u>1/18 - 1/25/16</u>	<u>1/18</u>	<u>1/19</u>		<u>1/21</u>	<u>1/22</u>		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE	<u>528</u>	<u>524</u>		<u>525</u>	<u>527</u>		
SUCTION PRESSURE	<u>13.6</u>	<u>13.4</u>		<u>13.5</u>	<u>13.2</u>		
OXY. OUTPUT (mv) FRONT	<u>12.0</u>	<u>12.0</u>		<u>12.0</u>	<u>12.0</u>		
OXY. OUTPUT (mv) BACK	<u>14.0</u>	<u>14.0</u>		<u>14.0</u>	<u>14.0</u>		
MAKE-UP TANK LEVEL	<u>Full</u>	<u>Full</u>		<u>Full</u>	<u>Full</u>		
LUBE OIL LEVEL	<u>1/2</u>	<u>1/2</u>		<u>1/2</u>	<u>1/2</u>		
OIL ADDED TO ENGINE	<u>156AL</u>	<u>-</u>		<u>106AL</u>	<u>-</u>		
AIR PRESSURE	<u>190</u>	<u>190</u>		<u>190</u>	<u>190</u>		
CONVERTER TEMP TC-1	<u>802</u>	<u>800</u>		<u>801</u>	<u>800</u>		
CONVERTER TEMP TC-2	<u>790</u>	<u>791</u>		<u>794</u>	<u>790</u>		
FRONT AIR/FUEL PRESSURE	<u>+1.5</u>	<u>+1.8</u>		<u>+1.8</u>	<u>+1.8</u>		
REAR AIR/FUEL PRESSURE	<u>+1.0</u>	<u>+1.2</u>		<u>+1.4</u>	<u>+1.2</u>		
ENGINE RPM'S	<u>346</u>	<u>347</u>		<u>347</u>	<u>348</u>		
CYLINDER #1	<u>995</u>	<u>994</u>		<u>995</u>	<u>998</u>		
CYLINDER #2	<u>958</u>	<u>959</u>		<u>962</u>	<u>963</u>		
CYLINDER #3	<u>1002</u>	<u>1000</u>		<u>1001</u>	<u>1002</u>		
CYLINDER #4	<u>980</u>	<u>981</u>		<u>984</u>	<u>981</u>		
CYLINDER #5	<u>984</u>	<u>985</u>		<u>985</u>	<u>985</u>		
CYLINDER #6	<u>991</u>	<u>994</u>		<u>992</u>	<u>994</u>		
ENGINE WATER PRESSURE	<u>8</u>	<u>9</u>		<u>9</u>	<u>9</u>		
ENGINE WATER TEMP.	<u>150</u>	<u>150</u>		<u>150</u>	<u>150</u>		
ENGINE OIL PRESSURE	<u>38</u>	<u>36</u>		<u>39</u>	<u>38</u>		
ENGINE OIL TEMP.	<u>158</u>	<u>155</u>		<u>155</u>	<u>156</u>		
GEAR BOX OIL PRESSURE	<u>29</u>	<u>26</u>		<u>28</u>	<u>24</u>		
INBOARD BEARING TEMP.	<u>100</u>	<u>100</u>		<u>100</u>	<u>103</u>		
OUTBOARD BEARING TEMP.	<u>130</u>	<u>135</u>		<u>135</u>	<u>135</u>		

TORREY STATION ENGINE DATA SHEET
ENTERPRISE G-2

ENGINE TIMER: START 16395 FINISH 16531 TOTAL HOURS _____

OUTGOING BBLs. START _____

INCOMING BBLs. START _____

INITIALS	J0		J0	J0	J0		
DATE	<u>2/22</u>		<u>2/24</u>	<u>2/25</u>	<u>2/26</u>		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE	526		527				
SUCTION PRESSURE	14.0		13.8				
OXY. OUTPUT (mv) FRONT	12.0		12.0				
OXY. OUTPUT (mv) BACK	14.0		14.0				
MAKE-UP TANK LEVEL	Full		Full				
LUBE OIL LEVEL	1/2		1/2				
OIL ADDED TO ENGINE	106AL		-				
AIR PRESSURE	195		197				
CONVERTER TEMP TC-1	875		872				
CONVERTER TEMP TC-2	851		857				
FRONT AIR/FUEL PRESSURE	+1.8		+1.8				
REAR AIR/FUEL PRESSURE	+1.4		+1.4				
ENGINE RPM'S	348		346				
CYLINDER #1	999		994	D			
CYLINDER #2	962		961	0			
CYLINDER #3	1000		991	W			
CYLINDER #4	981		975	W			
CYLINDER #5	985		980		D		
CYLINDER #6	993		994		0		
ENGINE WATER PRESSURE	9		9		W		
ENGINE WATER TEMP.	150		150		W		
ENGINE OIL PRESSURE	39		39				
ENGINE OIL TEMP.	160		160				
GEAR BOX OIL PRESSURE	24		25				
INBOARD BEARING TEMP.	105		105				
OUTBOARD BEARING TEMP.	135		135				

TORREY STATION ENGINE DATA SHEET
ENTERPRISE G-2

ENGINE TIMER: START 16766 FINISH 16911 TOTAL HOURS _____
 OUTGOING BBLs. START _____
 INCOMING BBLs. START _____

INITIALS	JO	JO	JO	JO	JO		
DATE <u>3/14 - 3/21/16</u>	<u>3/14</u>	<u>3/15</u>	<u>3/16</u>	<u>3/17</u>	<u>3/18</u>		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE	<u>528</u>	<u>528</u>		<u>525</u>	<u>527</u>		
SUCTION PRESSURE	<u>13.6</u>	<u>13.5</u>		<u>13.5</u>	<u>13.3</u>		
OXY. OUTPUT (mv) FRONT	<u>12.0</u>	<u>12.0</u>		<u>12.0</u>	<u>12.0</u>		
OXY. OUTPUT (mv) BACK	<u>14.0</u>	<u>14.0</u>		<u>14.0</u>	<u>14.0</u>		
MAKE-UP TANK LEVEL	<u>Full</u>	<u>Full</u>		<u>Full</u>	<u>Full</u>		
LUBE OIL LEVEL	<u>1/2</u>	<u>1/2</u>		<u>1/2</u>	<u>1/2</u>		
OIL ADDED TO ENGINE	<u>156AL</u>	<u>-</u>		<u>-</u>	<u>156AL</u>		
AIR PRESSURE	<u>192</u>	<u>190</u>		<u>195</u>	<u>190</u>		
CONVERTER TEMP TC-1	<u>809</u>	<u>808</u>		<u>811</u>	<u>828</u>		
CONVERTER TEMP TC-2	<u>784</u>	<u>781</u>		<u>740</u>	<u>805</u>		
FRONT AIR/FUEL PRESSURE	<u>+2.0</u>	<u>+2.0</u>		<u>+2.0</u>	<u>+2.0</u>		
REAR AIR/FUEL PRESSURE	<u>+1.3</u>	<u>+1.3</u>		<u>+1.2</u>	<u>+1.4</u>		
ENGINE RPM'S	<u>346</u>	<u>347</u>		<u>348</u>	<u>352</u>		
CYLINDER #1	<u>995</u>	<u>994</u>		<u>996</u>	<u>1001</u>		
CYLINDER #2	<u>952</u>	<u>982</u>	<u>0</u>	<u>985</u>	<u>989</u>		
CYLINDER #3	<u>967</u>	<u>965</u>	<u>0</u>	<u>969</u>	<u>968</u>		
CYLINDER #4	<u>985</u>	<u>981</u>	<u>W</u>	<u>980</u>	<u>994</u>		
CYLINDER #5	<u>980</u>	<u>975</u>	<u>N</u>	<u>978</u>	<u>988</u>		
CYLINDER #6	<u>984</u>	<u>982</u>		<u>980</u>	<u>996</u>		
ENGINE WATER PRESSURE	<u>9</u>	<u>9</u>		<u>9</u>	<u>9</u>		
ENGINE WATER TEMP.	<u>150</u>	<u>150</u>		<u>150</u>	<u>155</u>		
ENGINE OIL PRESSURE	<u>38</u>	<u>40</u>		<u>41</u>	<u>37</u>		
ENGINE OIL TEMP.	<u>160</u>	<u>160</u>		<u>160</u>	<u>160</u>		
GEAR BOX OIL PRESSURE	<u>26</u>	<u>28</u>		<u>28</u>	<u>28</u>		
INBOARD BEARING TEMP.	<u>105</u>	<u>105</u>		<u>100</u>	<u>105</u>		
OUTBOARD BEARING TEMP.	<u>130</u>	<u>130</u>		<u>130</u>	<u>135</u>		

TORREY STATION ENGINE DATA SHEET
ENTERPRISE G-2

ENGINE TIMER: START 17165 FINISH 17297 TOTAL HOURS _____
 OUTGOING BBLs. START _____
 INCOMING BBLs. START _____

INITIALS	ST	ST	JO		JO	ST	
DATE	4-4-16	4-4-16	4-5-16	4-6-16	4-7-16	4-8-16	4-9-16
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE	526		530			524	
SUCTION PRESSURE	13.6		13.7			13.6	
OXY. OUTPUT (mv) FRONT	12.00		12-			12-	
OXY. OUTPUT (mv) BACK	14.00		14-			14-	
MAKE-UP TANK LEVEL	Full		Full			Full	
LUBE OIL LEVEL	1/2		1/2			1/2	
OIL ADDED TO ENGINE	16.7		-			-	
AIR PRESSURE	180		192			189	
CONVERTER TEMP TC-1	790		775			760	
CONVERTER TEMP TC-2	779		768			759	
FRONT AIR/FUEL PRESSURE	1.8		+1.8			+1.8	
REAR AIR/FUEL PRESSURE	1.6		+1.4			+1.0	
ENGINE RPM'S	348		345			344	
CYLINDER #1	998		985			974	
CYLINDER #2	966	✓	948			936	
CYLINDER #3	958	D	945		P	923	
CYLINDER #4	968	D	955		O	961	
CYLINDER #5	967	W	957		W	948	
CYLINDER #6	966	N	972		W	961	
ENGINE WATER PRESSURE	9	↑	9			6	
ENGINE WATER TEMP.	155		150			130	
ENGINE OIL PRESSURE	37		48			48	
ENGINE OIL TEMP.	156		110			86	
GEAR BOX OIL PRESSURE	26		28			36	
INBOARD BEARING TEMP.	104		85			72	
OUTBOARD BEARING TEMP.	134		100			82	

~~2017~~
LUBE OIL
1/2

TORREY STATION ENGINE DATA SHEET
ENTERPRISE G-2

ENGINE TIMER: START 1723 FINISH 1723 TOTAL HOURS 0
 OUTGOING BBLs. START _____
 INCOMING BBLs. START _____

INITIALS	JO	JO	SP		JO		
DATE	5/9 - 5/16/16	5/9	5/10	5/11	5/13		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE							
SUCTION PRESSURE							
OXY. OUTPUT (mv) FRONT							
OXY. OUTPUT (mv) BACK							
MAKE-UP TANK LEVEL							
LUBE OIL LEVEL							
OIL ADDED TO ENGINE							
AIR PRESSURE							
CONVERTER TEMP TC-1							
CONVERTER TEMP TC-2							
FRONT AIR/FUEL PRESSURE							
REAR AIR/FUEL PRESSURE							
ENGINE RPM'S							
CYLINDER #1							
CYLINDER #2							
CYLINDER #3							
CYLINDER #4			↓		D		
CYLINDER #5	D	D	D		O		
CYLINDER #6	O	O	O		W		
ENGINE WATER PRESSURE	W	W	W		N		
ENGINE WATER TEMP.	N	N	N				
ENGINE OIL PRESSURE			↑				
ENGINE OIL TEMP.							
GEAR BOX OIL PRESSURE							
INBOARD BEARING TEMP.							
OUTBOARD BEARING TEMP.							

TORREY STATION ENGINE DATA SHEET
ENTERPRISE G-2

ENGINE TIMER: START 17723 FINISH 17813 TOTAL HOURS _____
 OUTGOING BBLs. START _____
 INCOMING BBLs. START _____

INITIALS	SR	JO	JO	JO	JO		
DATE <u>6/20 - 6/27/16</u>	<u>6-20</u>	<u>6/21</u>	<u>6/22</u>	<u>6/23</u>	<u>6/24</u>		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE				524	526		
SUCTION PRESSURE				13.9	13.3		
OXY. OUTPUT (mv) FRONT				120	120		
OXY. OUTPUT (mv) BACK				14.0	14.0		
MAKE-UP TANK LEVEL				Full	Full		
LUBE OIL LEVEL				1/2	1/2		
OIL ADDED TO ENGINE				156cc	-		
AIR PRESSURE				195	190		
CONVERTER TEMP TC-1				825	804		
CONVERTER TEMP TC-2				785	780		
FRONT AIR/FUEL PRESSURE				+1.0	+1.0		
REAR AIR/FUEL PRESSURE				+0.6	+0.6		
ENGINE RPM'S	✓	0		346	348		
CYLINDER #1	0	0		994	995		
CYLINDER #2	0	W		961	962		
CYLINDER #3	W	W	0	971	970		
CYLINDER #4	N		0	969	970		
CYLINDER #5	↑		W	968	967		
CYLINDER #6			W	970	974		
ENGINE WATER PRESSURE				9	9		
ENGINE WATER TEMP.				160	150		
ENGINE OIL PRESSURE				35	38		
ENGINE OIL TEMP.				165	160		
GEAR BOX OIL PRESSURE				22	24		
INBOARD BEARING TEMP.				105	105		
OUTBOARD BEARING TEMP.				140	145		

TORREY STATION ENGINE DATA SHEET
ENTERPRISE G-2

ENGINE TIMER: START 17842 FINISH 17843 TOTAL HOURS 1
 OUTGOING BBLs. START _____
 INCOMING BBLs. START _____

INITIALS	JO		JO	JO	SP		
DATE	7/25 - 8/1/16		7/25	7/27	7/28	7-29	
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE							
SUCTION PRESSURE							
OXY. OUTPUT (mv) FRONT							
OXY. OUTPUT (mv) BACK							
MAKE-UP TANK LEVEL							
LUBE OIL LEVEL							
OIL ADDED TO ENGINE							
AIR PRESSURE							
CONVERTER TEMP TC-1							
CONVERTER TEMP TC-2							
FRONT AIR/FUEL PRESSURE							
REAR AIR/FUEL PRESSURE							
ENGINE RPM'S							
CYLINDER #1							
CYLINDER #2	D		D	D	D		
CYLINDER #3	O		O	O	O		
CYLINDER #4	W		W	W	W		
CYLINDER #5	N		N	N	N		
CYLINDER #6							
ENGINE WATER PRESSURE							
ENGINE WATER TEMP.							
ENGINE OIL PRESSURE							
ENGINE OIL TEMP.							
GEAR BOX OIL PRESSURE							
INBOARD BEARING TEMP.							
OUTBOARD BEARING TEMP.							

TORREY STATION ENGINE DATA SHEET
ENTERPRISE G-2

ENGINE TIMER: START 17843 FINISH _____ TOTAL HOURS _____

OUTGOING BBLs. START _____

INCOMING BBLs. START _____

INITIALS	JO	JO	JO	JO	JO	JO	JO
DATE	8/22	8/23	8/24	8/25	8/26	8/27	8/28
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE							
SUCTION PRESSURE							
OXY. OUTPUT (mv) FRONT							
OXY. OUTPUT (mv) BACK							
MAKE-UP TANK LEVEL							
LUBE OIL LEVEL							
OIL ADDED TO ENGINE							
AIR PRESSURE							
CONVERTER TEMP TC-1							
CONVERTER TEMP TC-2							
FRONT AIR/FUEL PRESSURE							
REAR AIR/FUEL PRESSURE							
ENGINE RPM'S							
CYLINDER #1							
CYLINDER #2	D	D	D				
CYLINDER #3	O	O	O	D	D	D	D
CYLINDER #4	W	W	W	O	O	O	O
CYLINDER #5	N	N	N	W	W	W	W
CYLINDER #6				N	N	N	N
ENGINE WATER PRESSURE							
ENGINE WATER TEMP.							
ENGINE OIL PRESSURE							
ENGINE OIL TEMP.							
GEAR BOX OIL PRESSURE							
INBOARD BEARING TEMP.							
OUTBOARD BEARING TEMP.							

TORREY STATION ENGINE DATA SHEET
ENTERPRISE G-2

ENGINE TIMER: START 17869 FINISH 17869 TOTAL HOURS 0

OUTGOING BBLs. START _____

INCOMING BBLs. START _____

INITIALS	JO	JO	CS	JO	JO	SA	SA
DATE	8 9/12	9/13	9/14	9/15	9/16	9/17	9/18
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE							
SUCTION PRESSURE							
OXY. OUTPUT (mv) FRONT							
OXY. OUTPUT (mv) BACK							
MAKE-UP TANK LEVEL							
LUBE OIL LEVEL							
OIL ADDED TO ENGINE							
AIR PRESSURE							
CONVERTER TEMP TC-1							
CONVERTER TEMP TC-2							
FRONT AIR/FUEL PRESSURE							
REAR AIR/FUEL PRESSURE							
ENGINE RPM'S							
CYLINDER #1						D	D
CYLINDER #2						O	O
CYLINDER #3						O	O
CYLINDER #4	D	D	D			W	W
CYLINDER #5	O	O	O	D		W	W
CYLINDER #6	W	W	W	O		N	N
ENGINE WATER PRESSURE	W	W	W	W			
ENGINE WATER TEMP.				W			
ENGINE OIL PRESSURE							
ENGINE OIL TEMP.							
GEAR BOX OIL PRESSURE							
INBOARD BEARING TEMP.							
OUTBOARD BEARING TEMP.							

TORREY STATION 2015

<u>MONTH</u>	<u>*FUEL</u> (CUBIC FEET)	<u>BBLs.</u> (TANK THROUGHPUT)	<u>SOLVENT</u> (GALLONS)	<u>PAINT</u> (GALLONS)
Jan-15	1,857,800	402,568	0	0
Feb-15	1,752,100	389,330	0	0
Mar-15	1,853,000	421,136	0	0
Apr-15	1,822,700	411,474	0	0
May-15	1,817,900	409,411	0	0
Jun-15	1,720,400	388,321	0	0
Jul-15	1,723,300	401,540	0	0
Aug-15	1,728,900	408,276	0	0
Sep-15	1,690,200	392,744	0	0
Oct-15	1,796,000	408,499	0	0
Nov-15	1,909,200	438,744	0	0
Dec-15	1,555,700	356,504		
TOTAL	21,227,200	4,828,547	0	0

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

TORREY STATION 2016

<u>MONTH</u>	<u>*FUEL</u> (CUBIC FEET)	<u>BBLs.</u> (TANK THROUGHPUT)	<u>SOLVENT</u> (GALLONS)	<u>PAINT</u> (GALLONS)
Jan-16	2,059,000	439,443	0	0
Feb-16	1,601,700	364,433	0	0
Mar-16	1,713,700	386,283	0	0
Apr-16	1,816,200	388,786	0	0
May-16	1,529,900	366,106	0	0
Jun-16	1,536,500	385,587	0	0
Jul-16	1,662,900	382,136	0	0
Aug-16	1,250,500	334,012	0	0
Sep-16	1,226,200	327,874	0	0
Oct-16	0	0	0	0
Nov-16	0	0	0	0
Dec-16	0	0	0	0
TOTAL	14,396,600	3,374,660	0	0

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

**CRIMSON PIPELINE LLC IC ENGINES
 FUEL USAGE
 TORREY STATION
 PERMIT NUMBER 00385**

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
Nov-14	1,883,600											
Dec-14	1,954,900	1,954,900										
Jan-15	1,857,800	1,857,800	1,857,800									
Feb-15	1,752,100	1,752,100	1,752,100	1,752,100								
Mar-15	1,853,000	1,853,000	1,853,000	1,853,000	1,853,000							
Apr-15	1,822,700	1,822,700	1,822,700	1,822,700	1,822,700	1,822,700						
May-15	1,817,900	1,817,900	1,817,900	1,817,900	1,817,900	1,817,900	1,817,900					
Jun-15	1,720,400	1,720,400	1,720,400	1,720,400	1,720,400	1,720,400	1,720,400	1,720,400				
Jul-15	1,723,300	1,723,300	1,723,300	1,723,300	1,723,300	1,723,300	1,723,300	1,723,300	1,723,300			
Aug-15	1,728,900	1,728,900	1,728,900	1,728,900	1,728,900	1,728,900	1,728,900	1,728,900	1,728,900	1,728,900		
Sep-15	1,690,200	1,690,200	1,690,200	1,690,200	1,690,200	1,690,200	1,690,200	1,690,200	1,690,200	1,690,200	1,690,200	
Oct-15	1,796,000	1,796,000	1,796,000	1,796,000	1,796,000	1,796,000	1,796,000	1,796,000	1,796,000	1,796,000	1,796,000	1,796,000
Nov-15	1,909,200	1,909,200	1,909,200	1,909,200	1,909,200	1,909,200	1,909,200	1,909,200	1,909,200	1,909,200	1,909,200	1,909,200
Dec-15	1,555,700	1,555,700	1,555,700	1,555,700	1,555,700	1,555,700	1,555,700	1,555,700	1,555,700	1,555,700	1,555,700	1,555,700
Jan-16	2,059,000	2,059,000	2,059,000	2,059,000	2,059,000	2,059,000	2,059,000	2,059,000	2,059,000	2,059,000	2,059,000	2,059,000
Feb-16	1,601,700	1,601,700	1,601,700	1,601,700	1,601,700	1,601,700	1,601,700	1,601,700	1,601,700	1,601,700	1,601,700	1,601,700
Mar-16	1,713,700	1,713,700	1,713,700	1,713,700	1,713,700	1,713,700	1,713,700	1,713,700	1,713,700	1,713,700	1,713,700	1,713,700
Apr-16	1,816,200	1,816,200	1,816,200	1,816,200	1,816,200	1,816,200	1,816,200	1,816,200	1,816,200	1,816,200	1,816,200	1,816,200
May-16	1,529,900	1,529,900	1,529,900	1,529,900	1,529,900	1,529,900	1,529,900	1,529,900	1,529,900	1,529,900	1,529,900	1,529,900
Jun-16	1,536,500	1,536,500	1,536,500	1,536,500	1,536,500	1,536,500	1,536,500	1,536,500	1,536,500	1,536,500	1,536,500	1,536,500
Jul-16	1,662,900	1,662,900	1,662,900	1,662,900	1,662,900	1,662,900	1,662,900	1,662,900	1,662,900	1,662,900	1,662,900	1,662,900
Aug-16	1,250,500	1,250,500	1,250,500	1,250,500	1,250,500	1,250,500	1,250,500	1,250,500	1,250,500	1,250,500	1,250,500	1,250,500
Sep-16	1,226,200	1,226,200	1,226,200	1,226,200	1,226,200	1,226,200	1,226,200	1,226,200	1,226,200	1,226,200	1,226,200	1,226,200
CF/year	1,800,067	1,802,200	1,768,933	1,785,700	1,773,167	1,761,558	1,761,017	1,737,017	1,721,692	1,716,658	1,676,792	1,638,125

CRIMSON PIPELINE, L.P.
TORREY STATION
WEEKLY
FUGITIVE EMISSION INSPECTION LOG

INITIALS	JP	JP	JP		JO		
DATE 10/19/15	10/19	10/20	10/21		10/23		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN

COMPONENT DESCRIPTION	LEAKING (Y/N)						
G-1 PUMP SEAL	N	N	N		N		
G-2 PUMP SEAL	N	N	N		N		
STATION VALVES	N	N	N		N		
TANK VALVES	N	N	N		N		
SUMP	N	N	N		N		
STATION VISUAL	JP	JP	JP		JO		

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

OPACITY CHECK	DATE	TIME	ANY VISUAL EMISSIONS Y/N
G-1			
G-2	JP	10/19 6:20	N

Comments:

CRIMSON PIPELINE, L.P.
TORREY STATION
WEEKLY
FUGITIVE EMISSION INSPECTION LOG

INITIALS	JG	JG		JG	JG		
DATE 11/16/15	11/16	11/17		11/18	11/20		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN

COMPONENT DESCRIPTION	LEAKING (Y/N)						
G-1 PUMP SEAL	N	N		N	N		
G-2 PUMP SEAL	N	N		N	N		
STATION VALVES	N	N		N	N		
TANK VALVES	N	N		N	N		
SUMP	N	N		N	N		
STATION VISUAL	JG	JG		JG	JG		

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

OPACITY CHECK	DATE	TIME	ANY VISUAL EMISSIONS Y/N
G-1			
G-2	11/16	0800	N

Comments:

CRIMSON PIPELINE, L.P.
TORREY STATION
WEEKLY
FUGITIVE EMISSION INSPECTION LOG

INITIALS	JO		JP		JP		
DATE	12/7/15	12/7	12/9		12/11		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN

COMPONENT DESCRIPTION	LEAKING (Y/N)						
G-1 PUMP SEAL	N		N		N		
G-2 PUMP SEAL	N		N		N		
STATION VALVES	N		N		N		
TANK VALVES	N		N		N		
SUMP	N		N		N		
STATION VISUAL	JO		JP		JP		

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

OPACITY CHECK	DATE	TIME	ANY VISUAL EMISSIONS Y/N
G-1			
G-2	12/9	0800	N

Comments:

CRIMSON PIPELINE, L.P.
TORREY STATION
WEEKLY
FUGITIVE EMISSION INSPECTION LOG

INITIALS	JC		JC	JC	JC		
DATE	2/22/16	2/22	2/24	2/25	2/26		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN

COMPONENT DESCRIPTION	LEAKING (Y/N)						
	MON	TUES	WED	THUR	FRI	SAT	SUN
G-1 PUMP SEAL	N		N	N	N		
G-2 PUMP SEAL	N		N	N	N		
STATION VALVES	N		N	N	N		
TANK VALVES	N		N	N	N		
SUMP	N		N	N	N		
STATION VISUAL	JC		JC	JC	JC		

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

OPACITY CHECK	DATE	TIME	ANY VISUAL EMISSIONS Y/N
G-1			
G-2	JC 2/22	1300	N

Comments:

CRIMSON PIPELINE, L.P.
TORREY STATION
WEEKLY
FUGITIVE EMISSION INSPECTION LOG

INITIALS	JO	JO	JO	JO	JO		
DATE 3/14/16	3/14	3/15	3/16	3/17	3/18		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN

COMPONENT DESCRIPTION	LEAKING (Y/N)						
G-1 PUMP SEAL	N	N	N	N	N		
G-2 PUMP SEAL	N	N	N	N	N		
STATION VALVES	N	N	N	N	N		
TANK VALVES	N	N	N	N	N		
SUMP	N	N	N	N	N		
STATION VISUAL	JO	JO	JO	JO	JO		

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

OPACITY CHECK	DATE	TIME	ANY VISUAL EMISSIONS Y/N
G-1			
G-2	JO 3/14	0800	N

Comments:

CRIMSON PIPELINE, L.P.
TORREY STATION
WEEKLY
FUGITIVE EMISSION INSPECTION LOG

INITIALS	ST	ST	JO		JO		
DATE	4/4/16	4-4-16	4-5-16	4/6/16	4/8		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN

COMPONENT DESCRIPTION	LEAKING (Y/N)						
G-1 PUMP SEAL	N	N	N		N		
G-2 PUMP SEAL	N	N	N		N		
STATION VALVES	N	N	N		N		
TANK VALVES	N	N	N		N		
SUMP	N	N	N		N		
STATION VISUAL	JP	ST	JO		JO		

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

OPACITY CHECK	DATE	TIME	ANY VISUAL EMISSIONS Y/N
G-1			
G-2	JP	4.4	07:50 N

Comments:

CRIMSON PIPELINE, L.P.
TORREY STATION
WEEKLY
FUGITIVE EMISSION INSPECTION LOG

INITIALS	J0	J0	JP		J0		
DATE 5/9/14	5/9	5/10	5/11		5/13		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN

COMPONENT DESCRIPTION	LEAKING (Y/N)						
G-1 PUMP SEAL	N	N	N			N	
G-2 PUMP SEAL	N	N	N			N	
STATION VALVES	N	N	N			N	
TANK VALVES	N	N	N			N	
SUMP	N	N	N			N	
STATION VISUAL	J0	J0	JP		J0		

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

OPACITY CHECK	DATE	TIME	ANY VISUAL EMISSIONS Y/N	
G-1	J0	5/9	0800	N
G-2				

Comments:

CRIMSON PIPELINE, L.P.
TORREY STATION
WEEKLY
FUGITIVE EMISSION INSPECTION LOG

INITIALS	SP	JO	JO	JO	JO		
DATE	6/20	6/21	6/22	6/23	6/24		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN

COMPONENT DESCRIPTION	LEAKING (Y/N)						
	MON	TUES	WED	THUR	FRI	SAT	SUN
G-1 PUMP SEAL	N	N	N	N	N		
G-2 PUMP SEAL	N	N	N	N	N		
STATION VALVES	N	N	N	N	N		
TANK VALVES	N	N	N	N	N		
SUMP	N	N	N	N	N		
STATION VISUAL	SP	JO	JO	JO	JO		

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

OPACITY CHECK	DATE	TIME	ANY VISUAL EMISSIONS Y/N
G-1	SP	6:20	N
G-2	JO	7:00	N

Comments:

CRIMSON PIPELINE, L.P.
TORREY STATION
WEEKLY
FUGITIVE EMISSION INSPECTION LOG

INITIALS	Jo		JG	Jo	SP		
DATE	7/25/16	7/25	7/27	7/28	7/29		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN

COMPONENT DESCRIPTION	LEAKING (Y/N)						
G-1 PUMP SEAL	N		N	N	N		
G-2 PUMP SEAL	N		N	N	N		
STATION VALVES	N		N	N	N		
TANK VALVES	N		N	N	N		
SUMP	N		N	N	N		
STATION VISUAL	Jo		JG	Jo	SP		

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

OPACITY CHECK	DATE	TIME	ANY VISUAL EMISSIONS Y/N	
G-1	Jo	7/25	0700	N
G-2				

Comments:

CRIMSON PIPELINE, L.P.
TORREY STATION
 WEEKLY
FUGITIVE EMISSION INSPECTION LOG

INITIALS	JO	JO	CS	JO	JO	BT	BT
DATE	9/12/16	9/12	9/13	9/14	9/15	9/16	9/17
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN

COMPONENT DESCRIPTION	LEAKING (Y/N)						
	G-1 PUMP SEAL	N	N	N	N	N	N
G-2 PUMP SEAL	N	N	N	N	N	N	N
STATION VALVES	N	N	N	N	N	N	N
TANK VALVES	N	N	N	N	N	N	N
SUMP	N	N	N	N	N	N	N
STATION VISUAL	JO	JO	CS	JO	JO	BT	BT

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

OPACITY CHECK	DATE	TIME	ANY VISUAL EMISSIONS Y/N
G-1	JO	9/12	0830
G-2			

Comments:
