



October 24, 2014

Mr. Lyle Olson  
Ventura County Air Pollution Control District  
669 County Square Drive  
Ventura, CA 93003

Subject: Torrey Station 2014 Annual Title V Report, Permit No. 00385

Mr. Olson:

Please find enclosed the Annual Title V Report for the Crimson Pipeline, L.P. Torrey Station facility, VCAPCD Permit Number 00385. The report includes all required forms and attachments.

If you have any questions, please do not hesitate to contact me at (562) 997-3087.

Best Regards,

A handwritten signature in black ink that reads "Valerie Muller".

Valerie Muller  
Beacon Energy Services, Inc.

cc: Crimson Pipeline L.P.

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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.

<p>Signature and Title of Responsible Official:</p> <p>Title: President </p>	<p>Date:</p> <p>11/15/14</p>
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<p>Time Period Covered by Compliance Certification</p> <p><u>10</u> / <u>01</u> / <u>2013</u> (MM/DD/YY) to <u>09</u> / <u>30</u> / <u>2014</u> (MM/DD/YY)</p>
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## ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 10 / 1 / 2013 (MM/DD/YY) to 9 / 30 / 2014 (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 5/28/2014.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>I</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. 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 11/16/2013, 1/16/2014, 5/6/2014, and 7/28/2014. The integrity of the cover has been verified.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>I</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>Y</u> *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 11/26/2013, 2/11/2014, 6/26/2014, and 8/12/2014. The biennial source test was conducted on 4/17/2013 and 5/31/2013.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>I</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 / 2013 (MM/DD/YY) to 9 / 30 / 2014 (MM/DD/YY)

<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>            G. Compliance Status? (C or I): <u>I</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 # 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>            G. Compliance Status? (C or I): <u>I</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 # 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>I</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 / 2013 (MM/DD/YY) to 9 / 30 / 2014 (MM/DD/YY)

<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>I</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. 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 1/16/2013, 1/16/2014, 5/6/2014, and 7/28/2014 by Avanti Environmental. Annual inspection of pressure relief valves. Daily inspections conducted and logged. The 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> G. Compliance Status? (C or I): <u>I</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. 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> G. Compliance Status? (C or I): <u>I</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 / 2013 (MM/DD/YY) to 9 / 30 / 2014 (MM/DD/YY)

<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>  G. Compliance Status? (C or I): <u>I</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>I</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.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>  G. Compliance Status? (C or I): <u>I</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 / 2013 (MM/DD/YY) to 9 / 30 / 2014 (MM/DD/YY)

<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>            G. Compliance Status? (C or I): <u>I</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. 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>            G. Compliance Status? (C or I): <u>I</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 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>            G. Compliance Status? (C or I): <u>I</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 / 2013 (MM/DD/YY) to 9 / 30 / 2014 (MM/DD/YY)

<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>            G. Compliance Status? (C or I): <u>I</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 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>            G. Compliance Status? (C or I): <u>I</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. 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>            G. Compliance Status? (C or I): <u>I</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 / 2013 (MM/DD/YY) to 9 / 30 / 2014 (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>I</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>I</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. 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>  G. Compliance Status? (C or I): <u>I</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 / 2013 (MM/DD/YY) to 9 / 30 / 2014 (MM/DD/YY)

<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>I</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 #</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): _____</p> <p>G. Compliance Status? (C or I): _____</p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): _____</p> <p>*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): _____</p> <p>G. Compliance Status? (C or I): _____</p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): _____</p> <p>*If yes, attach Deviation Summary Form</p>



Ventura County  
Air Pollution  
Control District

## ANNUAL COMPLIANCE CERTIFICATION SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 10 / 01 / 13 (MM/DD/YY) to 09 / 30 / 14 (MM/DD/YY)

A. Emission Unit Description: G-1			B. Pollutant: CO
C. Measured Emission Rate: 3.9 ppmv @ 15% O2	D. Limited Emission Rate: 25 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation:	F. Test Date: 11/26/2013

A. Emission Unit Description: G-1			B. Pollutant: NOx
C. Measured Emission Rate: 3,964 ppmv @ 15% O2	D. Limited Emission Rate: 4,500 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation:	F. Test Date: 11/26/2013

A. Emission Unit Description: G-2			B. Pollutant: CO
C. Measured Emission Rate: 15.4 ppmv @ 15% O2	D. Limited Emission Rate: 25 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation:	F. Test Date: 11/26/2013

A. Emission Unit Description: G-2			B. Pollutant: NOx
C. Measured Emission Rate: 2,754 ppmv @ 15% O2	D. Limited Emission Rate: 4,500 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation:	F. Test Date: 11/26/2013

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  
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## ANNUAL COMPLIANCE CERTIFICATION SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 10 / 01 / 13 (MM/DD/YY) to 09 / 30 / 14 (MM/DD/YY)

A. Emission Unit Description: G-1			B. Pollutant: CO
C. Measured Emission Rate: 3.4 ppmv @ 15% O2	D. Limited Emission Rate: 25 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation:	F. Test Date: 2/11/2014

A. Emission Unit Description: G-1			B. Pollutant: NOx
C. Measured Emission Rate: 3,423 ppmv @ 15% O2	D. Limited Emission Rate: 4,500 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation:	F. Test Date: 2/11/2014

A. Emission Unit Description: G-2			B. Pollutant: CO
C. Measured Emission Rate: 19.6 ppmv @ 15% O2	D. Limited Emission Rate: 25 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation:	F. Test Date: 2/11/2014

A. Emission Unit Description: G-2			B. Pollutant: NOx
C. Measured Emission Rate: 3,743 ppmv @ 15% O2	D. Limited Emission Rate: 4,500 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation:	F. Test Date: 2/11/2014

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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Control District

## ANNUAL COMPLIANCE CERTIFICATION SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 10 / 01 / 13 (MM/DD/YY) to 09 / 30 / 14 (MM/DD/YY)

A. Emission Unit Description: G-1			B. Pollutant: CO
C. Measured Emission Rate: 8.6 ppmv @ 15% O2	D. Limited Emission Rate: 25 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation:	F. Test Date: 6/26/2014

A. Emission Unit Description: G-1			B. Pollutant: NOx
C. Measured Emission Rate: 4,052 ppmv @ 15% O2	D. Limited Emission Rate: 4,500 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation:	F. Test Date: 6/26/2014

A. Emission Unit Description: G-2			B. Pollutant: CO
C. Measured Emission Rate: 13.2 ppmv @ 15% O2	D. Limited Emission Rate: 25 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation:	F. Test Date: 6/26/2014

A. Emission Unit Description: G-2			B. Pollutant: NOx
C. Measured Emission Rate: 3,734 ppmv @ 15% O2	D. Limited Emission Rate: 4,500 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation:	F. Test Date: 6/26/2014

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:



## ANNUAL COMPLIANCE CERTIFICATION SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 10 / 01 / 13 (MM/DD/YY) to 09 / 30 / 14 (MM/DD/YY)

A. Emission Unit Description: G-1			B. Pollutant: CO
C. Measured Emission Rate: 18.4 ppmv @ 15% O2	D. Limited Emission Rate: 25 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation:	F. Test Date: 8/12/2014

A. Emission Unit Description: G-1			B. Pollutant: NOx
C. Measured Emission Rate: 3,568 ppmv @ 15% O2	D. Limited Emission Rate: 4,500 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation:	F. Test Date: 8/12/2014

A. Emission Unit Description: G-2			B. Pollutant: CO
C. Measured Emission Rate: 14.2 ppmv @ 15% O2	D. Limited Emission Rate: 25 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation:	F. Test Date: 8/12/2014

A. Emission Unit Description: G-2			B. Pollutant: NOx
C. Measured Emission Rate: 3,131 ppmv @ 15% O2	D. Limited Emission Rate: 4,500 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation:	F. Test Date: 8/12/2014

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:



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

11/26/2013

		<i>Allowable</i>
<b>Oxides of Nitrogen (NOx)</b>		
ppmv	13.9	-
ppmv @ 15% O2	3.9	25
<b>Carbon Monoxide (CO)</b>		
ppmv	14015	-
ppmv @ 15% O2	3964	4500
<b>Oxygen (O2), percent</b>	0.0	-
<b>Opacity, %</b>	0.0	10%

*Note: Reported values represent a 20-minute average.*



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

11/26/2013

		<i>Allowable</i>
<b>Oxides of Nitrogen (NOx)</b>		
ppmv	<i>54.0</i>	-
ppmv @ 15% O2	<i>15.4</i>	25
<b>Carbon Monoxide (CO)</b>		
ppmv	<i>9666</i>	-
ppmv @ 15% O2	<i>2754</i>	4500
<b>Oxygen (O2), percent</b>	<i>0.2</i>	-
<b>Opacity, %</b>	<i>0.0</i>	10%





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

2/11/2014

		<i>Allowable</i>
<b>Oxides of Nitrogen (NOx)</b>		
ppmv	<i>12.0</i>	-
ppmv @ 15% O2	<i>3.4</i>	<i>25</i>
<b>Carbon Monoxide (CO)</b>		
ppmv	<i>12030</i>	-
ppmv @ 15% O2	<i>3423</i>	<i>4500</i>
<b>Oxygen (O2), percent</b>	<i>0.2</i>	-
<b>Opacity, %</b>	<i>0.0</i>	<i>10%</i>

*Note: Reported values represent a 19-minute average.*



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

2/11/2014

		<i>Allowable</i>
<b>Oxides of Nitrogen (NOx)</b>		
ppmv	<i>68.9</i>	-
ppmv @ 15% O2	<i>19.6</i>	<i>25</i>
<b>Carbon Monoxide (CO)</b>		
ppmv	<i>13185</i>	-
ppmv @ 15% O2	<i>3743</i>	<i>4500</i>
<b>Oxygen (O2), percent</b>	<i>0.1</i>	-
<b>Opacity, %</b>	<i>0.0</i>	<i>10%</i>

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

6/6/2014

		<i>Allowable</i>
<b>Oxides of Nitrogen (NOx)</b>		
ppmv	30.0	-
ppmv @ 15% O2	8.6	25
 <b>Carbon Monoxide (CO)</b>		
ppmv	14133	-
ppmv @ 15% O2	4052	4500
 <b>Oxygen (O2), percent</b>		
	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**

6/6/2014

		<i>Allowable</i>
<b>Oxides of Nitrogen (NOx)</b>		
ppmv	<i>46.1</i>	-
ppmv @ 15% O2	<i>13.2</i>	<i>25</i>
 <b>Carbon Monoxide (CO)</b>		
ppmv	<i>13100</i>	-
ppmv @ 15% O2	<i>3734</i>	<i>4500</i>
 <b>Oxygen (O2), percent</b>	 <i>0.2</i>	 -



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

8/12/2014

		<i>Allowable</i>
<b>Oxides of Nitrogen (NOx)</b>		
ppmv	64.4	-
ppmv @ 15% O2	18.4	25
<b>Carbon Monoxide (CO)</b>		
ppmv	12494	-
ppmv @ 15% O2	3568	4500
<b>Oxygen (O2), percent</b>	0.2	-



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

8/12/2014

		<i>Allowable</i>
<b>Oxides of Nitrogen (NOx)</b>		
ppmv	49.7	-
ppmv @ 15% O2	14.2	25
<b>Carbon Monoxide (CO)</b>		
ppmv	10974	-
ppmv @ 15% O2	3131	4500
<b>Oxygen (O2), percent</b>	0.2	-



Ventura County APCD  
Rule 74.10 Component Leak Report

Q4/2013

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

District ID 00385  
Contact David Blakeslee

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	1	0	0	0

No Reportable Leaks for this Quarter  
Inspected on 10/16/2013

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

District ID   00385  
 Contact      David Blakeslee

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	1	0	0	0

**No Reportable Leaks for this Quarter  
 Inspected on 01/16/2014**



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

District ID 00385  
 Contact David Blakeslee

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	1	0	0	0

No Reportable Leaks for this Quarter  
 Inspected on 05/06/2014



Ventura County APCD  
Rule 74.10 Component Leak Report

Q3/2014

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

District ID 00385  
Contact David Blakeslee

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	1	50

Tag	Area	Subarea	Component	Leak Path	Service	Leak Date	Leak Rate	Repair Date	Repair Rate	Repair Action	Critical / Essential
21786.00	Launchers	PL - 01 (Pig Launcher)	Valve	Other	Light Liquid	07/28/2014 11:15AM	8500 PPM	07/30/2014 11:15AM	0 PPM	Serviced	

Component Valve		Area Launchers		Date/Time 07/28/2014 11:15AM
Leak Path Other		Subarea PL - 01		Leak Rate 8500 PPM
Tag No. 21786 00		Service Light Liquid		Repair Time 14
	Repair Date/Time	Technician	Action	Post Repair Rate
1	07/28/2014 11:30AM	Dale Nelson	Contact Maintenance	8500 PPM
2	07/30/2014 11:15AM	Dale Nelson	Serviced	0 PPM



## ANNUAL COMPLIANCE CERTIFICATION DEVIATION SUMMARY FORM

Period Covered by Compliance Certification: 10 / 01 / 2013 (MM/DD/YY) to 9 / 30 / 2014 (MM/DD/YY)

A. Attachment # or Permit Condition # Attachment No. 71.4N1 Rules 71.4.B.2, 71.4.C.2	B. Equipment description: Sumps, pits, and ponds with covers. Fugitive emissions monitoring and integrity of cover	C. Deviation Period: Date & Time Begin: <u>7/28/2014</u> End: <u>7/30/2014</u> When Discovered: Date & Time <u>7/28/2014, 11:15am</u>
D. Parameters monitored: Light Liquid	E. Limit: 0 ppm	F. Actual: 8,500 ppm
G. Probable Cause of Deviation: Loosening of component	H. Corrective actions taken: Tightening of affected components	

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



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

INITIALS	Jb	Jb	Jb	CS	CS		
DATE 11/18/13	11/18	11/19	11/20	11/21	11/21		
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	Jb	Jb	Jb	CS	CS		

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

OPACITY CHECK	DATE	TIME	ANY VISUAL EMISSIONS Y/N
G-1			
G-2	Jb	11/15 0800	N

Comments:

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

INITIALS	J0		CS	CS	J0		
DATE	12/9/13	12/9	12/11	12/12	12/13		
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	J0		CS	CS	J0		

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

OPACITY CHECK	DATE	TIME	ANY VISUAL EMISSIONS Y/N
G-1			
G-2	J0	12/9 0900	N

Comments:

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

INITIALS	JB	CS	CS		JD		
DATE 1/12/14	1/13	1/14	1/15		1/17		
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	JD	CS			JD		

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

OPACITY CHECK	DATE	TIME	ANY VISUAL EMISSIONS Y/N
G-1			
G-2	JD	1/15	0800 N

Comments:

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

INITIALS	JD	JD	JD	JD	CS		
DATE	2/10/14	2/10	2/12	2/13	2/14		
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		X	N	N		
G-2 PUMP SEAL	N		X	X	N		
STATION VALVES	N		X	X	N		
TANK VALVES	X		X	X	N		
SUMP	X		X	N	N		
STATION VISUAL	JD		JD	JD	CS		

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

OPACITY CHECK	DATE	TIME	ANY VISUAL EMISSIONS Y/N	
G-1	JD	2/12	0900	N
G-2	JD	2/10	0900	N

Comments:

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

INITIALS	JO		JO	CS	JO		
DATE	3/17/14	3/17	3/19	3/20	3/21		
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		JO	CS	JO		

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

OPACITY CHECK	DATE	TIME	ANY VISUAL EMISSIONS Y/N
G-1			
G-2	3/17	0800	N

Comments:

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

INITIALS	Jo		Jo	Jo			
DATE	4/14/14	4/14	4/16	4/17			
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		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	JD	4/14 0800	N

Comments:

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

INITIALS	CS	JO	CS		JO		
DATE 5/19/14-5/24/14	5/19	5/20	5/21		5/22		
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	CS		JO		

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

OPACITY CHECK	DATE	TIME	ANY VISUAL EMISSIONS Y/N	
G-1	CS	5/19	0730	N
G-2				

Comments:

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

INITIALS	JO	CS		JO	JO		
DATE	8/4/14	8/4	8/5		8/7	8/8	
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	JO	CS		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	8/4 0900	N

Comments:

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

INITIALS	CS	CS	CS	JO	CS		
DATE 8/25/14-9/1/14	8/25	8/26	8/27	8/28	8/29		
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	CS	CS	CS	JO	CS		

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

OPACITY CHECK	DATE	TIME	ANY VISUAL EMISSIONS Y/N
G-1			
G-2	CS	8/25 1400	N

Comments:

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

INITIALS	JA	CS	CS	CS	DD		
DATE	9/8/14	9/8	9/9	9/10	9/11	9/12	
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	JA	CS	CS	CS	DD		

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

OPACITY CHECK	DATE	TIME	ANY VISUAL EMISSIONS Y/N
G-1			
G-2	9/8/14	0800	N

Comments:

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

INITIALS	JG		JG		CS		
DATE	10/13/14	10/13	10/15		10/17		
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		
G-2 PUMP SEAL	N		N		N		
STATION VALVES	N		N		N		
TANK VALVES	N		N		N		
SUMP	N		N		N		
STATION VISUAL	JG		JG		CS		

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

OPACITY CHECK	DATE	TIME	ANY VISUAL EMISSIONS Y/N
G-1			
G-2	JG 10/13	0800	N

Comments:

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TORREY STATION ENGINE DATA SHEET  
ENTERPRISE G-2

ENGINE TIMER: START 28970 FINISH 29138 TOTAL HOURS \_\_\_\_\_  
 OUTGOING BBLs. START \_\_\_\_\_  
 INCOMING BBLs. START \_\_\_\_\_

INITIALS	<u>JB</u>			<u>JB</u>	<u>JB</u>		
DATE	<u>10/21 - 10/28/13</u>	<u>10/21</u>		<u>10/24</u>	<u>10/25</u>		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE	<u>528</u>			<u>530</u>	<u>528</u>		
SUCTION PRESSURE	<u>13.8</u>			<u>12.6</u>	<u>13.8</u>		
OXY. OUTPUT (mv) FRONT	<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>		
MAKE-UP TANK LEVEL	<u>Full</u>			<u>Full</u>	<u>Full</u>		
LUBE OIL LEVEL	<u>1/2</u>			<u>1/2</u>	<u>1/2</u>		
OIL ADDED TO ENGINE	<u>1069L</u>			<u>2069L</u>	<u>-</u>		
AIR PRESSURE	<u>190</u>			<u>190</u>	<u>190</u>		
CONVERTER TEMP TC-1	<u>795</u>			<u>821</u>	<u>794</u>		
CONVERTER TEMP TC-2	<u>784</u>			<u>795</u>	<u>782</u>		
FRONT AIR/FUEL PRESSURE	<u>+20</u>			<u>+20</u>	<u>+20</u>		
REAR AIR/FUEL PRESSURE	<u>+1.8</u>			<u>+1.8</u>	<u>+1.8</u>		
ENGINE RPM'S	<u>347</u>			<u>352</u>	<u>346</u>		
CYLINDER #1	<u>994</u>			<u>1002</u>	<u>993</u>		
CYLINDER #2	<u>956</u>			<u>964</u>	<u>955</u>		
CYLINDER #3	<u>945</u>			<u>961</u>	<u>947</u>		
CYLINDER #4	<u>977</u>			<u>984</u>	<u>975</u>		
CYLINDER #5	<u>961</u>			<u>975</u>	<u>962</u>		
CYLINDER #6	<u>972</u>			<u>976</u>	<u>970</u>		
ENGINE WATER PRESSURE	<u>9</u>			<u>9</u>	<u>9</u>		
ENGINE WATER TEMP.	<u>155</u>			<u>155</u>	<u>150</u>		
ENGINE OIL PRESSURE	<u>44</u>			<u>45</u>	<u>44</u>		
ENGINE OIL TEMP.	<u>160</u>			<u>160</u>	<u>160</u>		
GEAR BOX OIL PRESSURE	<u>21</u>			<u>23</u>	<u>21</u>		
INBOARD BEARING TEMP.	<u>105</u>			<u>110</u>	<u>105</u>		
OUTBOARD BEARING TEMP.	<u>135</u>			<u>140</u>	<u>130</u>		

**TORREY STATION ENGINE DATA SHEET**  
**ENTERPRISE G-2**

ENGINE TIMER: START 29595 FINISH 29764 TOTAL HOURS \_\_\_\_\_

OUTGOING BBLs. START \_\_\_\_\_

INCOMING BBLs. START \_\_\_\_\_

INITIALS	JO	JO	JO	CS	CS		
DATE <u>11/18 - 11/22/13</u>	<u>11/18</u>	<u>11/19</u>	<u>11/20</u>	<u>11/21</u>	<u>11/22</u>		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE	<u>527</u>	<u>526</u>	<u>525</u>	<u>527</u>	<u>526</u>		
SUCTION PRESSURE	<u>13.8</u>	<u>13.4</u>	<u>13.8</u>	<u>13.0</u>	<u>13.5</u>		
OXY. OUTPUT (mv) FRONT	<u>12.0</u>	<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>	<u>14.0</u>		
MAKE-UP TANK LEVEL	<u>Full</u>	<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>	<u>1/2</u>		
OIL ADDED TO ENGINE	<u>15 GAL</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>5 GAL</u>		
AIR PRESSURE	<u>190</u>	<u>190</u>	<u>190</u>	<u>190</u>	<u>188</u>		
CONVERTER TEMP TC-1	<u>+2.0 792</u>	<u>794</u>	<u>796</u>	<u>820</u>	<u>791</u>		
CONVERTER TEMP TC-2	<u>+2.0 781</u>	<u>784</u>	<u>783</u>	<u>807</u>	<u>777</u>		
FRONT AIR/FUEL PRESSURE	<u>+2.0</u>	<u>+1.8</u>	<u>+1.8</u>	<u>+2.0</u>	<u>+1.8</u>		
REAR AIR/FUEL PRESSURE	<u>+1.8</u>	<u>+1.4</u>	<u>+1.6</u>	<u>+1.3</u>	<u>+1.3</u>		
ENGINE RPM'S	<u>347</u>	<u>346</u>	<u>348</u>	<u>351</u>	<u>346</u>		
CYLINDER #1	<u>1003</u>	<u>996</u>	<u>998</u>	<u>1065</u>	<u>993</u>		
CYLINDER #2	<u>964</u>	<u>964</u>	<u>965</u>	<u>965</u>	<u>960</u>		
CYLINDER #3	<u>966</u>	<u>957</u>	<u>956</u>	<u>949</u>	<u>947</u>		
CYLINDER #4	<u>967</u>	<u>963</u>	<u>965</u>	<u>968</u>	<u>962</u>		
CYLINDER #5	<u>970</u>	<u>959</u>	<u>960</u>	<u>975</u>	<u>960</u>		
CYLINDER #6	<u>972</u>	<u>960</u>	<u>962</u>	<u>982</u>	<u>963</u>		
ENGINE WATER PRESSURE	<u>9</u>	<u>9</u>	<u>9</u>	<u>8</u>	<u>8</u>		
ENGINE WATER TEMP.	<u>160</u>	<u>150</u>	<u>155</u>	<u>155</u>	<u>145</u>		
ENGINE OIL PRESSURE	<u>43</u>	<u>42</u>	<u>42</u>	<u>42</u>	<u>42</u>		
ENGINE OIL TEMP.	<u>160</u>	<u>160</u>	<u>160</u>	<u>163</u>	<u>160</u>		
GEAR BOX OIL PRESSURE	<u>21</u>	<u>20</u>	<u>21</u>	<u>25</u>	<u>30</u>		
INBOARD BEARING TEMP.	<u>105</u>	<u>105</u>	<u>105</u>	<u>100</u>	<u>97</u>		
OUTBOARD BEARING TEMP.	<u>130</u>	<u>130</u>	<u>130</u>	<u>124</u>	<u>120</u>		

**TORREY STATION ENGINE DATA SHEET**  
**ENTERPRISE G-2**

ENGINE TIMER: START 76 FINISH 244 TOTAL HOURS \_\_\_\_\_

OUTGOING BBLs. START \_\_\_\_\_

INCOMING BBLs. START \_\_\_\_\_

INITIALS	JB		CS	LS	JO		
DATE	<u>12/9-12/16/13</u>	12/9	12/11	12/12	12/13		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE	527		528	529	527		
SUCTION PRESSURE	13.0		13.3	13.6	13.4		
OXY. OUTPUT (mv) FRONT	12.0		12.0	12.0	12.0		
OXY. OUTPUT (mv) BACK	14.0		14.0	14.0	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	106 <del>14</del>		—	86 <del>14</del>	156 <del>14</del>		
AIR PRESSURE	190		190	187	190		
CONVERTER TEMP TC-1	798		799	805	802		
CONVERTER TEMP TC-2	778		791	796	789		
FRONT AIR/FUEL PRESSURE	+1.6		+2.3	+2.4	+2.0		
REAR AIR/FUEL PRESSURE	+1.4		+2.1	+2.1	+1.8		
ENGINE RPM'S	348		347	347	346		
CYLINDER #1	993		1603	996	998		
CYLINDER #2	954		962	959	960		
CYLINDER #3	950		943	949	952		
CYLINDER #4	963		967	974	971		
CYLINDER #5	956		965	970	965		
CYLINDER #6	966		973	980	978		
ENGINE WATER PRESSURE	9		8	8	9		
ENGINE WATER TEMP.	145		150	155	150		
ENGINE OIL PRESSURE	43		41	41	42		
ENGINE OIL TEMP.	150		160	163	160		
GEAR BOX OIL PRESSURE	21		29	27	24		
INBOARD BEARING TEMP.	105		98	100	105		
OUTBOARD BEARING TEMP.	125		122	130	125		

**TORREY STATION ENGINE DATA SHEET**  
**ENTERPRISE G-2**

ENGINE TIMER: START 885 FINISH 1045 TOTAL HOURS \_\_\_\_\_  
 OUTGOING BBLs. START \_\_\_\_\_  
 INCOMING BBLs. START \_\_\_\_\_

INITIALS	Jo	CS	CS		Jo		
DATE <u>1/13 - 1/20/14</u>	<u>1/13</u>	<u>1/14</u>	<u>1/15</u>		<u>1/17</u>		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE	<u>528</u>	<u>527</u>	<u>527</u>		<u>528</u>		
SUCTION PRESSURE	<u>13.7</u>	<u>13.5</u>	<u>13.7</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>156AL</u>	<u>—</u>	<u>106AL</u>		<u>—</u>		
AIR PRESSURE <sup>in</sup>	<u>190</u>	<u>190</u>	<u>195</u>		<u>190</u>		
CONVERTER TEMP TC-1	<u>799</u>	<u>789</u>	<u>789</u>		<u>794</u>		
CONVERTER TEMP TC-2	<u>785</u>	<u>779</u>	<u>779</u>		<u>772</u>		
FRONT AIR/FUEL PRESSURE	<u>+2.4</u>	<u>+2.8</u>	<u>+2.8</u>		<u>+2.4</u>		
REAR AIR/FUEL PRESSURE	<u>+2.0</u>	<u>+2.3</u>	<u>+2.3</u>		<u>+2.0</u>		
ENGINE RPM'S	<u>346</u>	<u>346</u>	<u>346</u>		<u>347</u>		
CYLINDER #1	<u>1000</u>	<u>1001</u>	<u>1002</u>		<u>1000</u>		
CYLINDER #2	<u>965</u>	<u>962</u>	<u>961</u>		<u>964</u>		
CYLINDER #3	<u>945</u>	<u>952</u>	<u>962</u>		<u>962</u>		
CYLINDER #4	<u>972</u>	<u>970</u>	<u>968</u>		<u>966</u>		
CYLINDER #5	<u>959</u>	<u>958</u>	<u>959</u>		<u>961</u>		
CYLINDER #6	<u>964</u>	<u>965</u>	<u>963</u>		<u>966</u>		
ENGINE WATER PRESSURE	<u>9</u>	<u>9</u>	<u>9</u>		<u>9</u>		
ENGINE WATER TEMP.	<u>155</u>	<u>165</u>	<u>165</u>		<u>160</u>		
ENGINE OIL PRESSURE	<u>43</u>	<u>41</u>	<u>41</u>		<u>42</u>		
ENGINE OIL TEMP.	<u>165</u>	<u>165</u>	<u>165</u>		<u>165</u>		
GEAR BOX OIL PRESSURE	<u>24</u>	<u>19</u>	<u>21</u>		<u>22</u>		
INBOARD BEARING TEMP.	<u>100</u>	<u>101</u>	<u>100</u>		<u>105</u>		
OUTBOARD BEARING TEMP.	<u>130</u>	<u>131</u>	<u>130</u>		<u>130</u>		

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**TORREY STATION ENGINE DATA SHEET**  
**ENTERPRISE G-2**

ENGINE TIMER: START 1520 FINISH 1641 TOTAL HOURS \_\_\_\_\_  
OUTGOING BBLs. START \_\_\_\_\_  
INCOMING BBLs. START \_\_\_\_\_

INITIALS	JO			JO	CS		
DATE	<u>2/10 - 2/17/14</u>	<u>2/10</u>		<u>2/13</u>	<u>2/14</u>		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE	529			528	526		
SUCTION PRESSURE	13.5			13.4	13.5		
OXY. OUTPUT (mv) FRONT	12.0			12.0	12.0		
OXY. OUTPUT (mv) BACK	14.0			14.0	14.0		
MAKE-UP TANK LEVEL	Full			Full	Full		
LUBE OIL LEVEL	1/2			1/2	1/2		
OIL ADDED TO ENGINE	10/GAL			-	10GAL		
AIR PRESSURE	190			190	193		
CONVERTER TEMP TC-1	804			803	797		
CONVERTER TEMP TC-2	794			784	778		
FRONT AIR/FUEL PRESSURE	+2.2			+2.2	+2.3		
REAR AIR/FUEL PRESSURE	+2.6			+2.6	+2.1		
ENGINE RPM'S	346			347	346		
CYLINDER #1	1000			998	988		
CYLINDER #2	964			964	953		
CYLINDER #3	958			957	935		
CYLINDER #4	967			969	968		
CYLINDER #5	968			969	955		
CYLINDER #6	975			976	967		
ENGINE WATER PRESSURE	9			9	9		
ENGINE WATER TEMP.	155			155	165		
ENGINE OIL PRESSURE	42			42	40		
ENGINE OIL TEMP.	160			160	165		
GEAR BOX OIL PRESSURE	22			21	21		
INBOARD BEARING TEMP.	105			105	101		
OUTBOARD BEARING TEMP.	130			130	125		



**TORREY STATION ENGINE DATA SHEET**  
**ENTERPRISE G-1**

ENGINE TIMER: START 17581 FINISH 17628 TOTAL HOURS \_\_\_\_\_  
 OUTGOING BBLs. START \_\_\_\_\_  
 INCOMING BBLs. START \_\_\_\_\_

INITIALS	jo		jo		CS		
DATE	2/10-2/17/14	2/10	2/12		2/14		
DAY		MON	TUES	WED	THUR	FRI	SUN
DISCHARGE PRESSURE				529			
SUCTION PRESSURE				138			
OXY. OUTPUT (mv) FRONT				120			
OXY. OUTPUT (mv) BACK				120			
MAKE-UP TANK LEVEL				Full			
LUBE OIL LEVEL				1/2			
OIL ADDED TO ENGINE				-			
AIR PRESSURE				190			
CONVERTER TEMP TC-1				823			
CONVERTER TEMP TC-2				795			
FRONT AIR/FUEL PRESSURE				+20			
REAR AIR/FUEL PRESSURE				+20			
ENGINE RPM'S				347			
CYLINDER #1				946		D	
CYLINDER #2				955		O	
CYLINDER #3				913		W	
CYLINDER #4				958		N	
CYLINDER #5				987			
CYLINDER #6				998			
ENGINE WATER PRESSURE		D		10			
ENGINE WATER TEMP.		O		150			
ENGINE OIL PRESSURE		W		41			
ENGINE OIL TEMP.		N		150			
GEAR BOX OIL PRESSURE				21			
INBOARD BEARING TEMP.				120			
OUTBOARD BEARING TEMP.				135			

**TORREY STATION ENGINE DATA SHEET**  
**ENTERPRISE G-2**

ENGINE TIMER: START 2260 FINISH 2412 TOTAL HOURS \_\_\_\_\_  
 OUTGOING BBLs. START \_\_\_\_\_  
 INCOMING BBLs. START \_\_\_\_\_

INITIALS	JO		JO	CS	JO		
DATE	3/17		3/19	3/20	3/21		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE	528			529	527		
SUCTION PRESSURE	13.9			13.8	13.9		
OXY. OUTPUT (mv) FRONT	12.0			12.0	12.0		
OXY. OUTPUT (mv) BACK	14.0			14.0	14.0		
MAKE-UP TANK LEVEL	Full			Full	Full		
LUBE OIL LEVEL	1/2			1/2	1/2		
OIL ADDED TO ENGINE	10 Gals			10 Gals	—		
AIR PRESSURE	190			192	190		
CONVERTER TEMP TC-1	810			799	798		
CONVERTER TEMP TC-2	795			783	781		
FRONT AIR/FUEL PRESSURE	+2.6			+2.7	+2.6		
REAR AIR/FUEL PRESSURE	+2.2			+2.3	+2.2		
ENGINE RPM'S	348		D	345	346		
CYLINDER #1	999		0	1000	998		
CYLINDER #2	954		W	964	964		
CYLINDER #3	962		W	947	948		
CYLINDER #4	968			963	961		
CYLINDER #5	969			959	958		
CYLINDER #6	967			961	960		
ENGINE WATER PRESSURE	9			10	10		
ENGINE WATER TEMP.	155			167	165		
ENGINE OIL PRESSURE	42			40	41		
ENGINE OIL TEMP.	160			170	176		
GEAR BOX OIL PRESSURE	21			19	20		
INBOARD BEARING TEMP.	105			100	105		
OUTBOARD BEARING TEMP.	130			130	130		

**TORREY STATION ENGINE DATA SHEET**  
**ENTERPRISE G-2**

ENGINE TIMER: START 2816 FINISH 2981 TOTAL HOURS \_\_\_\_\_  
 OUTGOING BBLs. START \_\_\_\_\_  
 INCOMING BBLs. START \_\_\_\_\_

INITIALS	Jo		Jo	Jo			
DATE	4/14 - 4/21/14	4/14	4/16	4/17			
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE	528		528	528			
SUCTION PRESSURE	13.8		14.0	13.6			
OXY. OUTPUT (mv) FRONT	12.0		12.0	12.0			
OXY. OUTPUT (mv) BACK	14.0		14.0	14.0			
MAKE-UP TANK LEVEL	Full		Full	Full			
LUBE OIL LEVEL	1/2		1/2	1/2			
OIL ADDED TO ENGINE	106gal		-	106gal			
AIR PRESSURE	190		190	190			
CONVERTER TEMP TC-1	798		799	802			
CONVERTER TEMP TC-2	780		782	785			
FRONT AIR/FUEL PRESSURE	+2.2		+2.2	+2.4			
REAR AIR/FUEL PRESSURE	+2.4		+2.6	+2.6			
ENGINE RPM'S	345		347	348			
CYLINDER #1	986		988	994			
CYLINDER #2	952		955	962			
CYLINDER #3	939		942	948			
CYLINDER #4	965		968	971			
CYLINDER #5	956		960	964			
CYLINDER #6	965		971	973			
ENGINE WATER PRESSURE	9		9	9			
ENGINE WATER TEMP.	150		155	155			
ENGINE OIL PRESSURE	42		42	43			
ENGINE OIL TEMP.	155		160	160			
GEAR BOX OIL PRESSURE	21		22	20			
INBOARD BEARING TEMP.	100		105	105			
OUTBOARD BEARING TEMP.	130		136	130			

**TORREY STATION ENGINE DATA SHEET**  
**ENTERPRISE G-2**

ENGINE TIMER: START 3500 FINISH 3757 TOTAL HOURS \_\_\_\_\_

OUTGOING BBLs. START \_\_\_\_\_

INCOMING BBLs. START \_\_\_\_\_

INITIALS	CS	JO	CS		BO		
DATE	5/19	5/20	5/21		5/23		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE		520	526	<del>4005</del>	525		
SUCTION PRESSURE		12.5	12.6		14.0		
OXY. OUTPUT (mv) FRONT		12.0	12.0		12.0		
OXY. OUTPUT (mv) BACK		14.0	14.0		14.0		
MAKE-UP TANK LEVEL		FULL	FULL		FULL		
LUBE OIL LEVEL		1/2	1/2		1/2		
OIL ADDED TO ENGINE		1060L	✓		1560L		
AIR PRESSURE		190	195		190		
CONVERTER TEMP TC-1		851	853		825		
CONVERTER TEMP TC-2		840	844		809		
FRONT AIR/FUEL PRESSURE		+2.4	+2.5		+2.6		
REAR AIR/FUEL PRESSURE		+2.2	+2.1		+2.2		
ENGINE RPM'S		357	359		346		
CYLINDER #1	D	1028	1073		1003		
CYLINDER #2	O	979	976		960		
CYLINDER #3	W	1021	1017		1002		
CYLINDER #4	N	980	989		967		
CYLINDER #5		984	983		965		
CYLINDER #6		1000	1002		971		
ENGINE WATER PRESSURE		9	8		9		
ENGINE WATER TEMP.		160	160		160		
ENGINE OIL PRESSURE		40	39		41		
ENGINE OIL TEMP.		165	165		165		
GEAR BOX OIL PRESSURE		27	26		27		
INBOARD BEARING TEMP.		105	105		100		
OUTBOARD BEARING TEMP.		135	135		125		

**TORREY STATION ENGINE DATA SHEET**  
**ENTERPRISE G-2**

ENGINE TIMER: START 4060 FINISH \_\_\_\_\_ TOTAL HOURS \_\_\_\_\_  
 OUTGOING BBLs. START \_\_\_\_\_  
 INCOMING BBLs. START \_\_\_\_\_

INITIALS	CS	CS			CS		
DATE	6/16/14	6/16	6/17		6/20		
DAY		MON	TUES	WED	THUR	FRI	SAT
DISCHARGE PRESSURE			12.8 <sup>529</sup>			52.6	
SUCTION PRESSURE			13.2			13.7	
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			4 1/2			1/2	
OIL ADDED TO ENGINE			15 GAL			24 GAL	
AIR PRESSURE			200			200	
CONVERTER TEMP TC-1			861			791	
CONVERTER TEMP TC-2			849			776	
FRONT AIR/FUEL PRESSURE			+2.1			+2.1	
REAR AIR/FUEL PRESSURE			+1.9			+2.0	
ENGINE RPM'S			359			346	
CYLINDER #1	D		1024			993	
CYLINDER #2	O		974			953	
CYLINDER #3	W		1027			944	
CYLINDER #4	N		1000			975	
CYLINDER #5			988			962	
CYLINDER #6			1003			968	
ENGINE WATER PRESSURE			9			9	
ENGINE WATER TEMP.			170			170	
ENGINE OIL PRESSURE			40			39	
ENGINE OIL TEMP.			165			165	
GEAR BOX OIL PRESSURE			22			18	
INBOARD BEARING TEMP.			110			110	
OUTBOARD BEARING TEMP.			130			135	

**TORREY STATION ENGINE DATA SHEET**  
**ENTERPRISE G-2**

ENGINE TIMER: START 4614 FINISH 4767 TOTAL HOURS \_\_\_\_\_

OUTGOING BBLs. START \_\_\_\_\_

INCOMING BBLs. START \_\_\_\_\_

INITIALS	CS		CS	JO	JO		
DATE 7/14/14 - 7/21/14	7/14		7/16	7/17	7/18		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE	529		521	530	529		
SUCTION PRESSURE	13.6		13.0	12.8	13.0		
OXY. OUTPUT (mv) FRONT	12.0		12.0	12.0	12.0		
OXY. OUTPUT (mv) BACK	14.0		14.0	14.0	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	—		8 GAL	—	10 GAL		
AIR PRESSURE	190		190	190	190		
CONVERTER TEMP TC-1	827		834	838	840		
CONVERTER TEMP TC-2	812		822	821	823		
FRONT AIR/FUEL PRESSURE	+2.1		+2.1	+2.0	+2.0		
REAR AIR/FUEL PRESSURE	+2.0		+1.9	+2.0	+2.0		
ENGINE RPM'S	352		357	356	358		
CYLINDER #1	1013		1012	1014	1015		
CYLINDER #2	964		969	970	971		
CYLINDER #3	966		959	960	962		
CYLINDER #4	977		997	998	1000		
CYLINDER #5	969		985	986	988		
CYLINDER #6	989		992	995	997		
ENGINE WATER PRESSURE	10		9	9	9		
ENGINE WATER TEMP.	170		165	165	165		
ENGINE OIL PRESSURE	39		40	42	42		
ENGINE OIL TEMP.	165		165	165	165		
GEAR BOX OIL PRESSURE	17		24	23	21		
INBOARD BEARING TEMP.	117		109	105	105		
OUTBOARD BEARING TEMP.	140		134	130	130		

**TORREY STATION ENGINE DATA SHEET**  
**ENTERPRISE G-2**

ENGINE TIMER: START 5044 FINISH \_\_\_\_\_ TOTAL HOURS \_\_\_\_\_

OUTGOING BBLs. START \_\_\_\_\_

INCOMING BBLs. START \_\_\_\_\_

INITIALS	JO	CS		JO	JO		
DATE	8/4	8/5		8/7	8/9		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE	526	523		529			
SUCTION PRESSURE	14.5	14.0		13.8			
OXY. OUTPUT (mv) FRONT	12.0	12.0		12.0			
OXY. OUTPUT (mv) BACK	14.0	14.0		14.0			
MAKE-UP TANK LEVEL	Full	Full		Full			
LUBE OIL LEVEL	1/2	1/2		1/2			
OIL ADDED TO ENGINE	-	-		-			
AIR PRESSURE	190	190		190			
CONVERTER TEMP TC-1	785	793		808			
CONVERTER TEMP TC-2	766	776		781			
FRONT AIR/FUEL PRESSURE	+2.0	+2.1		+2.0			
REAR AIR/FUEL PRESSURE	+2.0	+2.0		+2.0			
ENGINE RPM'S	345	348		350			
CYLINDER #1	994	1001		1004			
CYLINDER #2	968	967		971			
CYLINDER #3	954	955		962	D		
CYLINDER #4	968	976		978	O		
CYLINDER #5	957	961		965	W		
CYLINDER #6	956	963		966	N		
ENGINE WATER PRESSURE	9	9		9			
ENGINE WATER TEMP.	160	167		155			
ENGINE OIL PRESSURE	41	36		28			
ENGINE OIL TEMP.	165	180		165			
GEAR BOX OIL PRESSURE	21	18		21			
INBOARD BEARING TEMP.	110	110		105			
OUTBOARD BEARING TEMP.	135	138		130			

**TORREY STATION ENGINE DATA SHEET**  
**ENTERPRISE G-2**

ENGINE TIMER: START 5453 FINISH 5636 TOTAL HOURS \_\_\_\_\_

OUTGOING BBLs. START \_\_\_\_\_

INCOMING BBLs. START \_\_\_\_\_

INITIALS	CS	CS	CS	Jo	CS		
DATE	8/25	8/26	8/27	8/28	8/29		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE	524	526		524	525		
SUCTION PRESSURE	14.0	14.1		13.6	13.8		
OXY. OUTPUT (mv) FRONT	12.0	12.0		12.0	12.0		
OXY. OUTPUT (mv) BACK	14.0	14.0		14.0	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	10gal	—		15gal	—		
AIR PRESSURE	190	198		190	190		
CONVERTER TEMP TC-1	798	791		805	797		
CONVERTER TEMP TC-2	778	776		780	782		
FRONT AIR/FUEL PRESSURE	+2.2	+2.0		+2.0	+2.1		
REAR AIR/FUEL PRESSURE	+2.0	+1.9		+2.0	+1.9		
ENGINE RPM'S	348	348		356	349		
CYLINDER #1	1000	1004	D	1008	1003		
CYLINDER #2	963	969	0	965	971		
CYLINDER #3	957	957	W	960	957		
CYLINDER #4	974	964	N	965	961		
CYLINDER #5	963	962		972	963		
CYLINDER #6	958	961		971	963		
ENGINE WATER PRESSURE	9	8		9	10		
ENGINE WATER TEMP.	167	155		170	170		
ENGINE OIL PRESSURE	35	37		37	35		
ENGINE OIL TEMP.	185	170		186	185		
GEAR BOX OIL PRESSURE	17	23		24	17		
INBOARD BEARING TEMP.	130	110		110	115		
OUTBOARD BEARING TEMP.	140	135		135	140		



**TORREY STATION ENGINE DATA SHEET**  
**ENTERPRISE G-2**

ENGINE TIMER: START 5773 FINISH 5940 TOTAL HOURS \_\_\_\_\_  
 OUTGOING BBLs. START \_\_\_\_\_  
 INCOMING BBLs. START \_\_\_\_\_

INITIALS	JO	CS	CS	CS	JO			
DATE	9/8 - 9/15/14							
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN	
DISCHARGE PRESSURE	526	528	528	527	528			
SUCTION PRESSURE	13.7	13.6	13.9	14.1	13.5			
OXY. OUTPUT (mv) FRONT	12.0	12.0	12.0	12.0	12.0			
OXY. OUTPUT (mv) BACK	14.0	14.0	14.0	14.0	14.0			
MAKE-UP TANK LEVEL	Full	Full	Full	Full	Full			
LUBE OIL LEVEL	1/2	1/2	1/2	1/2	1/2			
OIL ADDED TO ENGINE	156AL	-	186AL	-	106AL			
AIR PRESSURE	190	190	200	190	190			
CONVERTER TEMP TC-1	805	823	802	796	802			
CONVERTER TEMP TC-2	784	807	787	783	785			
FRONT AIR/FUEL PRESSURE	+2.0	+2.0	+2.0	+2.1	+2.0			
REAR AIR/FUEL PRESSURE	+2.0	+1.8	+1.8	+2.0	+2.0			
ENGINE RPM'S	350	352	349	347	350			
CYLINDER #1	1002	1013	1007	1003	1007			
CYLINDER #2	967	972	961	956	964			
CYLINDER #3	960	955	957	954	959			
CYLINDER #4	964	955	974	982	974			
CYLINDER #5	963	977	964	963	979			
CYLINDER #6	965	988	975	972	990			
ENGINE WATER PRESSURE	9	9	9	10	10			
ENGINE WATER TEMP.	150	155	160	170	160			
ENGINE OIL PRESSURE	40	36	35	35	35			
ENGINE OIL TEMP.	165	170	180	180	186			
GEAR BOX OIL PRESSURE	23	21	21	16	17			
INBOARD BEARING TEMP.	105	110	110	118	115			
OUTBOARD BEARING TEMP.	130	140	138	140	135			

**TORREY STATION ENGINE DATA SHEET**  
**ENTERPRISE G-2**

ENGINE TIMER: START 62599 FINISH 64489 TOTAL HOURS \_\_\_\_\_

OUTGOING BBLs. START \_\_\_\_\_

INCOMING BBLs. START \_\_\_\_\_

INITIALS	JO		JO		CS		
DATE	10/13/14	10/13	10/14		10/17		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE	528				530		
SUCTION PRESSURE	13.5				14.3		
OXY. OUTPUT (mv) FRONT	12.0				12.0		
OXY. OUTPUT (mv) BACK	14.0				14.0		
MAKE-UP TANK LEVEL	FixL				Full		
LUBE OIL LEVEL	1/2				1/2		
OIL ADDED TO ENGINE	10 GAL				18 GAL		
AIR PRESSURE	190				200		
CONVERTER TEMP TC-1	798				801		
CONVERTER TEMP TC-2	780				782		
FRONT AIR/FUEL PRESSURE	+2.0				+2.0		
REAR AIR/FUEL PRESSURE	+2.0				+1.8		
ENGINE RPM'S	347				346		
CYLINDER #1	1005				1000		
CYLINDER #2	961				970		
CYLINDER #3	958				948		
CYLINDER #4	966		D		966		
CYLINDER #5	962		O		960		
CYLINDER #6	970		W		965		
ENGINE WATER PRESSURE	9		N		8		
ENGINE WATER TEMP.	170				165		
ENGINE OIL PRESSURE	40				36		
ENGINE OIL TEMP.	170				168		
GEAR BOX OIL PRESSURE	19				21		
INBOARD BEARING TEMP.	110				110		
OUTBOARD BEARING TEMP.	140				130		



**CRIMSON PIPELINE LP**  
**ENGINE SERVICE REPORT**

TYPE OF SERVICE Service

DATE 10/27/13

APCD PERMIT NUMBER 0385

LOCATION Torrey Station

MAKE Enterprise (G-2)

MODEL GSG-6

TYPE Natural Gas

ENGINE HOURS 2912.5

OPERATIONS PERFORMED

Spark Plugs and Wires  
Replaced Air Filter

MECHANIC



DATE WORK COMPLETED

10/27/13

**CRIMSON PIPELINE LP**  
**ENGINE SERVICE REPORT**

TYPE OF SERVICE Service

DATE 12/6/13

APCD PERMIT NUMBER 0385

LOCATION Torrey Station

MAKE Enterprise (G-2)

MODEL GSG-6

TYPE Natural Gas

ENGINE HOURS 245

OPERATIONS PERFORMED

REPLACE O<sub>2</sub> SENSORS

MECHANIC



DATE WORK COMPLETED

12/6/13

**CRIMSON PIPELINE LP  
ENGINE SERVICE REPORT**

TYPE OF SERVICE Service

DATE 12/10/13

APCD PERMIT NUMBER 0385

LOCATION Torrey Station

MAKE Enterprise (G-2)

MODEL GSG-6

TYPE Natural Gas

ENGINE HOURS 244

OPERATIONS PERFORMED

OIL AND FILTER CHANGE  
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MECHANIC *J. P. [Signature]*

DATE WORK COMPLETED 12/10/13

**CRIMSON PIPELINE LP**  
**ENGINE SERVICE REPORT**

TYPE OF SERVICE Analyst

DATE 2/24/14

APCD PERMIT NUMBER 0385

LOCATION Torrey Station

MAKE Enterprise (G-1)

MODEL GSG-6

TYPE Natural Gas

ENGINE HOURS 17628

OPERATIONS PERFORMED

OIL ANALYST, TESTING FOR TBN, VISCOSITY,  
WATER AND METALS

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MECHANIC 

DATE WORK COMPLETED 2/24/14

**CRIMSON PIPELINE LP**  
**ENGINE SERVICE REPORT**

TYPE OF SERVICE Analyst

DATE 2/24/14

APCD PERMIT NUMBER 0385

LOCATION Torrey Station

MAKE Enterprise (G-2)

MODEL GSG-6

TYPE Natural Gas

ENGINE HOURS 1795

OPERATIONS PERFORMED

Oil Analyst, Testing for TBN, Viscosity,  
Water and Metals.

Oil test was good

MECHANIC



DATE WORK COMPLETED

2/24/14



**CONOCOPHILLIPS  
ENGINE SERVICE REPORT**

TYPE OF SERVICE OIL CHANGE

DATE 5/6/14

APCD PERMIT NUMBER 0385

LOCATION Torrey Station

MAKE Enterprise (G-2)

MODEL GSG-6

TYPE Natural Gas

ENGINE HOURS 3299

OPERATIONS PERFORMED

OIL AND FILTER CHANGE, ALSO INSPECTED  
THE SPARK PLUGS AND HOSES

1440 HR REPORT

MECHANIC



DATE WORK COMPLETED

5/6/14

**CONOCOPHILLIPS**  
**ENGINE SERVICE REPORT**

TYPE OF SERVICE REPAIR

DATE 5/13/14

APCD PERMIT NUMBER 0385

LOCATION Torrey Station

MAKE Enterprise (G-2)

MODEL GSG-6

TYPE Natural Gas

ENGINE HOURS 3484

OPERATIONS PERFORMED

REPAIRED THE WATER PUMP SEAL

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MECHANIC



DATE WORK COMPLETED

5/13/14

**CONOCOPHILLIPS**  
**ENGINE SERVICE REPORT**

TYPE OF SERVICE Clean

DATE 5/28/14

APCD PERMIT NUMBER 0385

LOCATION Torrey Station

MAKE Enterprise (G-2)

MODEL GSG-6

TYPE Natural Gas

ENGINE HOURS 3772

OPERATIONS PERFORMED

Cleaned the Converter Plate on Number  
2 Engine, also replaced O<sub>2</sub> Sensors

MECHANIC [Signature]

DATE WORK COMPLETED 5/28/14

**CONOCOPHILLIPS  
ENGINE SERVICE REPORT**

TYPE OF SERVICE Head Change

DATE 7/14/14

APCD PERMIT NUMBER 0385

LOCATION Torrey Station

MAKE Enterprise (G-2)

MODEL GSG-6

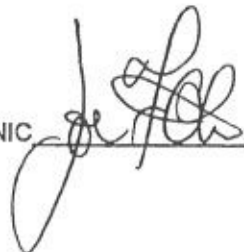
TYPE Natural Gas

ENGINE HOURS 4739

OPERATIONS PERFORMED

CHANGED THE HEAD GASKET AND ENGINE OIL  
(DUE TO WATER IN THE OIL)

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MECHANIC 

DATE WORK COMPLETED 7/14/14



CRIMSON PIPELINE L P 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-12	1,839,700											
Dec-12	2,032,900	2,032,900	2,039,900	1,706,600	1,704,600	1,530,600	1,503,900	1,205,500	1,654,700	1,654,700	1,984,700	1,974,600
Jan-13	2,039,900	1,706,600	1,706,600	1,706,600	1,704,600	1,530,600	1,503,900	1,205,500	1,654,700	1,984,700	1,984,700	1,750,300
Feb-13	1,706,600	1,706,600	1,704,600	1,704,600	1,704,600	1,530,600	1,503,900	1,205,500	1,654,700	1,984,700	1,984,700	1,974,600
Mar-13	1,704,600	1,704,600	1,704,600	1,704,600	1,704,600	1,530,600	1,503,900	1,205,500	1,654,700	1,984,700	1,984,700	1,974,600
Apr-13	1,530,600	1,530,600	1,530,600	1,530,600	1,530,600	1,503,900	1,205,500	1,205,500	1,654,700	1,984,700	1,984,700	1,974,600
May-13	1,503,900	1,503,900	1,503,900	1,503,900	1,503,900	1,503,900	1,205,500	1,205,500	1,654,700	1,984,700	1,984,700	1,974,600
Jun-13	1,205,500	1,205,500	1,205,500	1,205,500	1,205,500	1,205,500	1,205,500	1,205,500	1,654,700	1,984,700	1,984,700	1,974,600
Jul-13	1,654,700	1,654,700	1,654,700	1,654,700	1,654,700	1,654,700	1,654,700	1,654,700	1,654,700	1,984,700	1,984,700	1,974,600
Aug-13	1,984,700	1,984,700	1,984,700	1,984,700	1,984,700	1,984,700	1,984,700	1,984,700	1,984,700	1,984,700	1,984,700	1,974,600
Sep-13	1,750,300	1,750,300	1,750,300	1,750,300	1,750,300	1,750,300	1,750,300	1,750,300	1,750,300	1,750,300	1,750,300	1,974,600
Oct-13	1,974,600	1,974,600	1,974,600	1,974,600	1,974,600	1,974,600	1,974,600	1,974,600	1,974,600	1,974,600	1,974,600	1,974,600
Nov-13	1,883,900	1,883,900	1,883,900	1,883,900	1,883,900	1,883,900	1,883,900	1,883,900	1,883,900	1,883,900	1,883,900	1,883,900
Dec-13	2,004,500	2,004,500	2,004,500	2,004,500	2,004,500	2,004,500	2,004,500	2,004,500	2,004,500	2,004,500	2,004,500	2,004,500
Jan-14	2,000,300	2,000,300	2,000,300	2,000,300	2,000,300	2,000,300	2,000,300	2,000,300	2,000,300	2,000,300	2,000,300	2,000,300
Feb-14	1,770,100	1,770,100	1,770,100	1,770,100	1,770,100	1,770,100	1,770,100	1,770,100	1,770,100	1,770,100	1,770,100	1,770,100
Mar-14	1,825,300	1,825,300	1,825,300	1,825,300	1,825,300	1,825,300	1,825,300	1,825,300	1,825,300	1,825,300	1,825,300	1,825,300
Apr-14	1,978,800	1,978,800	1,978,800	1,978,800	1,978,800	1,978,800	1,978,800	1,978,800	1,978,800	1,978,800	1,978,800	1,978,800
May-14	1,889,000	1,889,000	1,889,000	1,889,000	1,889,000	1,889,000	1,889,000	1,889,000	1,889,000	1,889,000	1,889,000	1,889,000
Jun-14	1,665,400	1,665,400	1,665,400	1,665,400	1,665,400	1,665,400	1,665,400	1,665,400	1,665,400	1,665,400	1,665,400	1,665,400
Jul-14	1,957,600	1,957,600	1,957,600	1,957,600	1,957,600	1,957,600	1,957,600	1,957,600	1,957,600	1,957,600	1,957,600	1,957,600
Aug-14	1,706,900	1,706,900	1,706,900	1,706,900	1,706,900	1,706,900	1,706,900	1,706,900	1,706,900	1,706,900	1,706,900	1,706,900
Sep-14	1,787,700	1,787,700	1,787,700	1,787,700	1,787,700	1,787,700	1,787,700	1,787,700	1,787,700	1,787,700	1,787,700	1,787,700
CF/year	1,744,000	1,747,683	1,745,317	1,742,017	1,747,308	1,757,367	1,794,717	1,826,808	1,865,133	1,890,375	1,867,225	1,870,342

CRIMSON PIPELINE L P

TORREY STATION ROLLING FUEL 2014 ANNUAL

## TORREY STATION 2013

<u>MONTH</u>	<u>*FUEL</u> (CUBIC FEET)	<u>BBLs.</u> (TANK THROUGHPUT)	<u>SOLVENT</u> (GALLONS)	<u>PAINT</u> (GALLONS)
Jan-13	2,039,900	485,886	0	0
Feb-13	1,708,600	426,453	0	0
Mar-13	1,704,600	387,772	0	0
Apr-13	1,630,000	384,280	0	0
May-13	1,603,900	371,313	0	0
Jun-13	1,205,600	251,368	0	0
Jul-13	1,654,700	389,183	0	0
Aug-13	1,984,700	430,722	0	0
Sep-13	1,750,300	407,906	0	0
Oct-13	1,974,600	444,358	0	0
Nov-13	1,883,900	418,413	0	0
Dec-13	2,004,500	430,914	0	0
<b>TOTAL</b>	20,943,800	4,776,368	0	0

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

## TORREY STATION 2014

<u>MONTH</u>	<u>*FUEL</u> (CUBIC FEET)	<u>BBLs.</u> (TANK THROUGHPUT)	<u>SOLVENT</u> (GALLONS)	<u>PAINT</u> (GALLONS)
Jan-14	2,000,300	440,243	0	0
Feb-14	1,770,100	381,307	0	0
Mar-14	1,825,300	397,181	0	0
Apr-14	1,878,800	413,822	0	0
May-14	1,888,000	427,407	0	0
Jun-14	1,885,400	393,599	0	0
Jul-14	1,957,900	475,088	0	0
Aug-14	1,708,900	406,837	0	0
Sep-14	1,898,700	451,576	0	0
Oct-14	1,787,700	424,582	0	0
Nov-14	0	0	0	0
Dec-14	0	0	0	0
<b>TOTAL</b>	18,477,800	4,242,312	0	0

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



# CRIMSON PIPELINE LP

## Engine 1440 Hr. Report

Operation Every 1440 Hrs.

Date 2/24/14

APCD PERMIT NUMBER 0385

LOCATION: Torrey

MAKE Enterprise #2

MODEL: G56-6

TYPE: NATURAL GAS

INSPECTION ENGINE HOURS 1795

NEXT INSPECTION HOURS DUE: 3235

### INSPECTIONS PERFORMED

OIL ANALYSIS SAMPLE- \_\_\_\_\_

Comment: \_\_\_\_\_

INSPECT SPARK PLUGS- REPLACED 2 SPARK PLUGS

Comment: \_\_\_\_\_

INSPECT ALL HOSES AND BELTS- ALL IN GOOD SHAPE

Comment: \_\_\_\_\_

MECHANIC 

DATE WORK COMPLETED 2/24/14

# CRIMSON PIPELINE LP

## Engine 1440 Hr. Report

Operation Every 1440 Hrs.

Date 7/14/14  
~~7/14/14~~

APCD PERMIT NUMBER 0385

LOCATION: Torrrey

MAKE ENTERPRISE #2

MODEL: ENTERPRISE GSG-6

TYPE: NATURAL GAS

INSPECTION ENGINE HOURS 3299

NEXT INSPECTION HOURS DUE: 4739

### INSPECTIONS PERFORMED

OIL ANALYSIS SAMPLE- Oil CHANGE

Comment: \_\_\_\_\_

INSPECT SPARK PLUGS- GOOD

Comment: \_\_\_\_\_

INSPECT ALL HOSES AND BELTS- GOOD

Comment: \_\_\_\_\_

MECHANIC 

DATE WORK COMPLETED 7/14/14

# CRIMSON PIPELINE LP

## Engine 1440 Hr. Report

Operation Every 1440 Hrs.

Date 9/16/14

APCD PERMIT NUMBER 0385

LOCATION: Torrey

MAKE Enterprise #2

MODEL: GSG-6

TYPE: NATURAL GAS

INSPECTION ENGINE HOURS 6945

NEXT INSPECTION HOURS DUE: 8385

### INSPECTIONS PERFORMED

OIL ANALYSIS SAMPLE- 12045800798

Comment: \_\_\_\_\_

INSPECT SPARK PLUGS- GOOD

Comment: \_\_\_\_\_

INSPECT ALL HOSES AND BELTS- SMALL OIL LEAK, REPAIRED

Comment: \_\_\_\_\_

MECHANIC J. Lee

DATE WORK COMPLETED 9/16/14