

DSR



November 10, 2011

Mr. Eric Wetherbee ✓
Ventura County Air Pollution Control District
669 County Square Drive
Ventura, CA 93003

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

Mr. Wetherbee:

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) 595-9216.

Best Regards,

A handwritten signature in black ink, appearing to read "Valerie Muller".

Valerie Muller
Beacon Energy Services, Inc.

cc: Larry Alexander, 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:

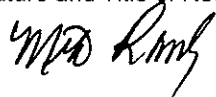
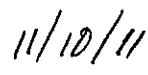
Mr. Gerardo Rios, Chief
Permits Office (AIR-3)
Office of Air Division
EPA Region 9
75 Hawthorne Street
San Francisco, CA 94105

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.

Signature and Title of Responsible Official:  Title: Operations Manager	Date: 
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Time Period Covered by Compliance Certification <u> 10 </u> / <u> 01 </u> / <u> 2010 </u> (MM/DD/YY) to <u> 09 </u> / <u> 30 </u> / <u> 2011 </u> (MM/DD/YY)



ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 10 / 01 / 10 (MM/DD/YY) to 09 / 30 / 11 (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 \geq 40,000 gallons Rules 71.2.B.4, 71.2.Ca, 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 5/5/2011.</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> *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 11/2/2010, 2/10/2011, 5/18/2011, and 8/31/2011. 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>I</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. 74.9N3, 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 12/9/2010, 2/9/2011, 5/19/2011, and 9/8/2011. The biennial source test was conducted 4/27/2011.</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> *If yes, attach Deviation Summary Form</p>



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<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>



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Period Covered by Compliance Certification: 10 / 01 / 10 (MM/DD/YY) to 09 / 30 / 11 (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></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 #: 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 11/2/2010, 2/10/2011, 5/18/2011, and 8/31/2011 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></p> <p>G. Compliance Status? (C or I): <u>I</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 #: 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>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>



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<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>



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<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>



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Period Covered by Compliance Certification: 10 / 01 / 10 (MM/DD/YY) to 09 / 30 / 11 (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>



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<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>



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<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 / 10 (MM/DD/YY) to 09 / 30 / 11 (MM/DD/YY)

A. Emission Unit Description: G-1			B. Pollutant: NOx
C. Measured Emission Rate: 17.2 ppmv @ 15% O2	D. Limited Emission Rate: 25 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AirX Testing	F. Test Date: 12/9/2010

A. Emission Unit Description: G-1			B. Pollutant: CO
C. Measured Emission Rate: 2,856 ppmv @ 15% O2	D. Limited Emission Rate: 4,500 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AirX Testing	F. Test Date: 12/9/2010

A. Emission Unit Description: G-2			B. Pollutant: NOx
C. Measured Emission Rate: 17.3 ppmv @ 15% O2	D. Limited Emission Rate: 25 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AirX Testing	F. Test Date: 12/9/2010

A. Emission Unit Description: G-2			B. Pollutant: CO
C. Measured Emission Rate: 3,562 ppmv @ 15% O2	D. Limited Emission Rate: 4,500 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AirX Testing	F. Test Date: 12/9/2010

A. Emission Unit Description: G-1			B. Pollutant: NOx
C. Measured Emission Rate: 11 ppmv @ 15% O2	D. Limited Emission Rate: 25 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AirX Testing	F. Test Date: 2/10/2011



Ventura County
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ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 10 / 01 / 10 (MM/DD/YY) to 9 / 30 / 11 (MM/DD/YY)

A. Emission Unit Description: G-1			B. Pollutant: CO
C. Measured Emission Rate: 1,365 ppmv @ 15% O2	D. Limited Emission Rate: 4,500 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AirX Testing	F. Test Date: 2/10/2011

A. Emission Unit Description: G-2			B. Pollutant: NOx
C. Measured Emission Rate: 14.5 ppmv @ 15% O2	D. Limited Emission Rate: 25 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AirX Testing	F. Test Date: 2/10/2011

A. Emission Unit Description: G-2			B. Pollutant: CO
C. Measured Emission Rate: 1,992 ppmv @ 15% O2	D. Limited Emission Rate: 4,500 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AirX Testing	F. Test Date: 2/10/2011

A. Emission Unit Description: G1			B. Pollutant: NOx
C. Measured Emission Rate: 21.2 ppmv @ 15% O2	D. Limited Emission Rate: 25 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AirX Testing	F. Test Date: 5/19/2011

A. Emission Unit Description: G-1			B. Pollutant: CO
C. Measured Emission Rate: 2110 ppmv @ 15% O2	D. Limited Emission Rate: 4,500 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AirX Testing	F. Test Date: 5/19/2011



ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 10 / 01 / 10 (MM/DD/YY) to 09 / 30 / 11 (MM/DD/YY)

A. Emission Unit Description: G-2			B. Pollutant: NOx
C. Measured Emission Rate: 18.9 ppmv @ 15% O2	D. Limited Emission Rate: 25 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AirX Testing	F. Test Date: 5/19/2011

A. Emission Unit Description: G-2			B. Pollutant: CO
C. Measured Emission Rate: 2,257 ppmv @ 15% O2	D. Limited Emission Rate: 4,500 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AirX Testing	F. Test Date: 5/19/2011

A. Emission Unit Description: G-1			B. Pollutant: NOx
C. Measured Emission Rate: 13.3 ppmv @ 15% O2	D. Limited Emission Rate: 25 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AirX Testing	F. Test Date: 9/8/2011

A. Emission Unit Description: G-1			B. Pollutant: CO
C. Measured Emission Rate: 3,592 ppmv @ 15% O2	D. Limited Emission Rate: 4,500 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AirX Testing	F. Test Date: 9/8/2011

A. Emission Unit Description: G-2			B. Pollutant: NOx
C. Measured Emission Rate: 19.9 ppmv @ 15% O2	D. Limited Emission Rate: 25 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AirX Testing	F. Test Date: 9/8/2011



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Period Covered by Compliance Certification: 10 / 01 / 10 (MM/DD/YY) to 9 / 30 / 11 (MM/DD/YY)

A. Emission Unit Description: G-1			B. Pollutant: CO
C. Measured Emission Rate: 1,653 ppmv @ 15% O ₂	D. Limited Emission Rate: 4,500 ppmv @ 15% O ₂	E. Specific Source Test or Monitoring Record Citation: AirX Testing	F. Test Date: 9/8/2011

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:

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:

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:

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 DEVIATION SUMMARY FORM

Period Covered by Compliance Certification: 10 / 01 / 10 (MM/DD/YY) to 09 / 30 / 11 (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>2/10/2011</u> End: <u>2/10/2011</u> When Discovered: Date & Time <u>2/10/2011, 4:30pm</u>
D. Parameters monitored: Leak	E. Limit: 0 ppm	F. Actual: 2,800 ppm
G. Probable Cause of Deviation: Loosening of threaded component and valve		H. Corrective actions taken: Tightening of affected components

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>5/18/2011</u> End: <u>5/18/2011</u> When Discovered: Date & Time <u>5/18/2011, 8:55am</u>
D. Parameters monitored: Leak	E. Limit: 0 ppm	F. Actual: 8,000 ppm
G. Probable Cause of Deviation: Loosening of threaded component and valve		H. Corrective actions taken: Tightening of affected components

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>11/2/2011</u> End: <u>11/2/2011</u> When Discovered: Date & Time <u>11/2/2011, 8:55am</u>
D. Parameters monitored: Leak	E. Limit: 0 ppm	F. Actual: 14,00 ppm
G. Probable Cause of Deviation: Loosening of threaded component and valve		H. Corrective actions taken: Tightening of affected components

TORREY STATION 2010

<u>MONTH</u>	<u>*FUEL</u> (CUBIC FEET)	<u>BBLs.</u> (TANK THROUGHPUT)	<u>SOLVENT</u> (GALLONS)	<u>PAINT</u> (GALLONS)
Jan-10	2,014,000	519,127	0	0
Feb-10	2,099,400	507,944	0	0
Mar-10	2,005,600	557,965	0	0
Apr-10	1,843,800	501,733	0	0
May-10	1,916,700	486,699	0	0
Jun-10	2,139,900	535,213	0	0
Jul-10	1,901,000	444,326	0	0
Aug-10	1,937,400	441,277	0	0
Sep-10	1,963,900	382,534	0	0
Oct-10	2,080,500	500,489	0	0
Nov-10	2,095,300	491,476	0	0
Dec-10	2,245,400	508,718	0	0
TOTAL	24,243,100	5,858,023	0	0

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

TORREY STATION 2011

<u>MONTH</u>	<u>*FUEL</u> (CUBIC FEET)	<u>BBLs.</u> (TANK THROUGHPUT)	<u>SOLVENT</u> (GALLONS)	<u>PAINT</u> (GALLONS)
JAN-11	2,158,900	517,762	0	0
FEB-11	2,047,100	489,408	0	0
MAR-11	2,166,400	529,228	0	0
APR-11	2,322,500	565,016	0	0
MAY-11	2,207,000	525,489	0	0
JUN-11	2,317,000	523,270	0	0
JUL-11	2,013,700	476,095	0	0
AUG-11	2,039,000	474,165	0	0
SEP-11	1,823,500	407,720	0	0
OCT-11	0	0	0	0
NOV-11	0	0	0	0
DEC-11	0	0	0	0
TOTAL	16,999,800	4,381,095	0	0

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

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-09	1,903,000											
Dec-09	2,103,800	2,103,800										
Jan-10	2,014,000	2,014,000	2,014,000									
Feb-10	2,099,400	2,099,400	2,099,400	2,099,400								
Mar-10	2,005,800	2,005,800	2,005,800	2,005,800	2,005,800							
Apr-10	1,843,800	1,843,800	1,843,800	1,843,800	1,843,800							
May-10	1,916,700	1,916,700	1,916,700	1,916,700	1,916,700	1,916,700						
Jun-10	2,139,900	2,139,900	2,139,900	2,139,900	2,139,900	2,139,900	2,139,900					
Jul-10	1,901,000	1,901,000	1,901,000	1,901,000	1,901,000	1,901,000	1,901,000	1,901,000				
Aug-10	1,937,400	1,937,400	1,937,400	1,937,400	1,937,400	1,937,400	1,937,400	1,937,400	1,937,400			
Sep-10	1,963,900	1,963,900	1,963,900	1,963,900	1,963,900	1,963,900	1,963,900	1,963,900	1,963,900	1,963,900		
Oct-10	2,080,500	2,080,500	2,080,500	2,080,500	2,080,500	2,080,500	2,080,500	2,080,500	2,080,500	2,080,500	2,080,500	
Nov-10	2,095,300	2,095,300	2,095,300	2,095,300	2,095,300	2,095,300	2,095,300	2,095,300	2,095,300	2,095,300	2,095,300	2,095,300
Dec-10	2,245,400	2,245,400	2,245,400	2,245,400	2,245,400	2,245,400	2,245,400	2,245,400	2,245,400	2,245,400	2,245,400	2,245,400
Jan-11				2,118,900	2,118,900	2,118,900	2,118,900	2,118,900	2,118,900	2,118,900	2,118,900	2,118,900
Feb-11				2,047,100	2,047,100	2,047,100	2,047,100	2,047,100	2,047,100	2,047,100	2,047,100	2,047,100
Mar-11				2,466,400	2,466,400	2,466,400	2,466,400	2,466,400	2,466,400	2,466,400	2,466,400	2,466,400
Apr-11				2,322,500	2,322,500	2,322,500	2,322,500	2,322,500	2,322,500	2,322,500	2,322,500	2,322,500
May-11				2,243,000	2,243,000	2,243,000	2,243,000	2,243,000	2,243,000	2,243,000	2,243,000	2,243,000
Jun-11				1,841,000	1,841,000	1,841,000	1,841,000	1,841,000	1,841,000	1,841,000	1,841,000	1,841,000
Jul-11				2,045,400	2,045,400	2,045,400	2,045,400	2,045,400	2,045,400	2,045,400	2,045,400	2,045,400
Aug-11				2,089,000	2,089,000	2,089,000	2,089,000	2,089,000	2,089,000	2,089,000	2,089,000	2,089,000
Sep-11				1,826,500	1,826,500	1,826,500	1,826,500	1,826,500	1,826,500	1,826,500	1,826,500	1,826,500
CF/year	1,992,433	2,008,458	2,020,258	2,029,000	2,024,642	2,063,025	2,102,917	2,130,108	2,105,200	2,117,233	2,129,867	2,118,417

CRIMSON PIPELINE L P

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

INITIALS	Jo			JB	JD		
DATE	10/18/10	10/18		10/21	10/22		
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			Jo	Jo		

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

OPACITY CHECK	DATE	TIME	ANY VISUAL EMISSIONS Y/N
G-1	Jo 10/18	0800	N
G-2	Jo 10/21	0900	N

Comments:

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

INITIALS	JD		JD	JD	JD		
DATE	1/31/11		2/2	2/3	2/4		
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		JD	JD	JD		

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

OPACITY CHECK	DATE	TIME	ANY VISUAL EMISSIONS Y/N
G-1			
G-2	1/31	0800	N

Comments:

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

INITIALS	JG	JG	JG		JG		
DATE 2/14/11	2/14	2/15	2/16		2/18		
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							

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

OPACITY CHECK	DATE	TIME	ANY VISUAL EMISSIONS Y/N
G-1			
G-2	JG 2/14/11	0900	N

Comments:

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

INITIALS	JB			JB	JB		
DATE	2/28/11	2/28		3/3	3/4		
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	JB JB JB						

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

OPACITY CHECK	DATE	TIME	ANY VISUAL EMISSIONS Y/N
G-1			
G-2	JB	2/28 0800	N

Comments:

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

INITIALS	JO		JO	JO	JO		
DATE	3/7/11		3/9	3/10	3/11		
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	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	3/7	0800	N

Comments:

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

INITIALS	JO	KL	JO		JO		
DATE	4/11/11	4/11	4/12	4/13		4/15	
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	KL	JO		JO		

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

OPACITY CHECK	DATE	TIME	ANY VISUAL EMISSIONS Y/N
G-1			
G-2	JO	4/11 0800	N

Comments:

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

INITIALS	JO		JO	JO	JO		
DATE	5/23/11	5/23	5/25	5/26	5/27		
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		JO	JO	JO		

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

OPACITY CHECK	DATE	TIME	ANY VISUAL EMISSIONS Y/N
G-1	JO	5/23	0820 N
G-2			

Comments:

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

INITIALS	<i>JF</i>		<i>JO</i>	<i>JO</i>	<i>JO</i>		
DATE	<i>6-20</i>		<i>6/22</i>	<i>6/23</i>	<i>6/24</i>		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
COMPONENT DESCRIPTION	LEAKING (Y/N)						
G-1 PUMP SEAL	<i>N</i>		<i>N</i>	<i>N</i>	<i>N</i>		
G-2 PUMP SEAL	<i>N</i>		<i>N</i>	<i>N</i>	<i>N</i>		
STATION VALVES	<i>N</i>		<i>N</i>	<i>N</i>	<i>N</i>		
TANK VALVES	<i>N</i>		<i>N</i>	<i>N</i>	<i>N</i>		
SUMP	<i>N</i>		<i>N</i>	<i>N</i>	<i>N</i>		
STATION VISUAL	<i>GF</i>		<i>JO</i>	<i>JO</i>	<i>JO</i>		

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

OPACITY CHECK	DATE	TIME	ANY VISUAL EMISSIONS Y/N
G-1	<i>6/20</i>	<i>1:40</i>	<i>N</i>
G-2	<i>6/20</i>	<i>7:11</i>	<i>N</i>

Comments:

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

INITIALS	Jō		ōō		Jō		
DATE	9/12/11	9/12	9/14		9/16		
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	Jō		ōō		Jō		

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

OPACITY CHECK	DATE	TIME	ANY VISUAL EMISSIONS Y/N
G-1	Jō	9/12	0900 N
G-2	Jō	9/14	0800 N

Comments:

TORREY STATION ENGINE DATA SHEET
ENTERPRISE G-1

ENGINE TIMER: START 13580 FINISH _____ TOTAL HOURS _____
 OUTGOING BBLs. START _____
 INCOMING BBLs. START _____

INITIALS	Jo					Jo	
DATE	10/11 - 10/18/10	10/11				10/15	
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						
CYLINDER #3	W						
CYLINDER #4	W						
CYLINDER #5							
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 8901 FINISH _____ TOTAL HOURS _____
 OUTGOING BBLs. START _____
 INCOMING BBLs. START _____

INITIALS	JB				JB		
DATE	10/11 - 10/18/10	10/11			10/15		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE	52.5				52.2		
SUCTION PRESSURE	12.4				12.5		
OXY. OUTPUT (mv) FRONT	12.0				12.9		
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	10 GAL				-		
AIR PRESSURE	195				197		
CONVERTER TEMP TC-1	842				841		
CONVERTER TEMP TC-2	780				772		
FRONT AIR/FUEL PRESSURE	+3.0				+3.2		
REAR AIR/FUEL PRESSURE	+3.0				+3.4		
ENGINE RPM'S	358				359		
CYLINDER #1	975				974		
CYLINDER #2	965				968		
CYLINDER #3	962				961		
CYLINDER #4	970				960		
CYLINDER #5	972				970		
CYLINDER #6	975				972		
ENGINE WATER PRESSURE	10				10		
ENGINE WATER TEMP.	150				150		
ENGINE OIL PRESSURE	43				44		
ENGINE OIL TEMP.	160				160		
GEAR BOX OIL PRESSURE	22				22		
INBOARD BEARING TEMP.	115				115		
OUTBOARD BEARING TEMP.	139				132		

0900

TORREY STATION ENGINE DATA SHEET
ENTERPRISE G-2

ENGINE TIMER: START 9412 FINISH 9583 TOTAL HOURS _____
 OUTGOING BBLs. START _____
 INCOMING BBLs. START _____

INITIALS	Jb	Jb		Jb	Jb		
DATE <u>11/8 - 11/15/10</u>	<u>11/8</u>	<u>11/9</u>		<u>11/11</u>	<u>11/12</u>		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE	<u>526</u>	<u>524</u>		<u>525</u>	<u>524</u>		
SUCTION PRESSURE	<u>12.5</u>	<u>12.0</u>		<u>12.1</u>	<u>12.4</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>-</u>	<u>-</u>		<u>15GAL</u>	<u>-</u>		
AIR PRESSURE	<u>197</u>	<u>197</u>		<u>195</u>	<u>191</u>		
CONVERTER TEMP TC-1	<u>851</u>	<u>845</u>		<u>850</u>	<u>845</u>		
CONVERTER TEMP TC-2	<u>809</u>	<u>801</u>		<u>811</u>	<u>800</u>		
FRONT AIR/FUEL PRESSURE	<u>+3.0</u>	<u>+3.0</u>		<u>+3.0</u>	<u>+3.0</u>		
REAR AIR/FUEL PRESSURE	<u>+3.0</u>	<u>+3.0</u>		<u>+3.0</u>	<u>+3.0</u>		
ENGINE RPM'S	<u>355</u>	<u>357</u>		<u>356</u>	<u>358</u>		
CYLINDER #1	<u>981</u>	<u>986</u>		<u>980</u>	<u>975</u>		
CYLINDER #2	<u>947</u>	<u>947</u>		<u>949</u>	<u>948</u>		
CYLINDER #3	<u>957</u>	<u>954</u>		<u>952</u>	<u>957</u>		
CYLINDER #4	<u>959</u>	<u>958</u>		<u>954</u>	<u>959</u>		
CYLINDER #5	<u>949</u>	<u>952</u>		<u>955</u>	<u>954</u>		
CYLINDER #6	<u>974</u>	<u>976</u>		<u>978</u>	<u>972</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>150</u>		
ENGINE OIL PRESSURE	<u>45</u>	<u>45</u>		<u>43</u>	<u>45</u>		
ENGINE OIL TEMP.	<u>160</u>	<u>162</u>		<u>162</u>	<u>160</u>		
GEAR BOX OIL PRESSURE	<u>24</u>	<u>22</u>		<u>21</u>	<u>22</u>		
INBOARD BEARING TEMP.	<u>111</u>	<u>115</u>		<u>110</u>	<u>112</u>		
OUTBOARD BEARING TEMP.	<u>132</u>	<u>135</u>		<u>130</u>	<u>130</u>		

TORREY STATION ENGINE DATA SHEET
ENTERPRISE G-1

ENGINE TIMER: START 13672 FINISH 13672 TOTAL HOURS 0
 OUTGOING BBLs. START _____
 INCOMING BBLs. START _____

INITIALS	JG						
DATE	11/8 - 11/15/10	11/8					
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							
CYLINDER #4							
CYLINDER #5							
CYLINDER #6	D						
ENGINE WATER PRESSURE	0						
ENGINE WATER TEMP.	W						
ENGINE OIL PRESSURE	N						
ENGINE OIL TEMP.							
GEAR BOX OIL PRESSURE							
INBOARD BEARING TEMP.							
OUTBOARD BEARING TEMP.							

TORREY STATION ENGINE DATA SHEET

ENTERPRISE ~~6-2~~ 6-2

ENGINE TIMER: START 11336 FINISH 11412 TOTAL HOURS _____

OUTGOING BBLs. START _____

INCOMING BBLs. START _____

INITIALS	Jo		Jo	Jo	Jo		
DATE	1/31-2/7/11		2/2	2/3	2/4		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE	523		521	520	525		
SUCTION PRESSURE	13.4		13.1	13.0	11.9		
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	186ml		-	-	106ml		
AIR PRESSURE	200		197	195	197		
CONVERTER TEMP TC-1	805		810	801	832		
CONVERTER TEMP TC-2	762		765	762	771		
FRONT AIR/FUEL PRESSURE	+3.2		+3.0	+3.2	+3.2		
REAR AIR/FUEL PRESSURE	+3.0		+3.2	+3.2	+3.2		
ENGINE RPM'S	345		346	344	361		
CYLINDER #1	969		969	965	971		
CYLINDER #2	948		949	945	952		
CYLINDER #3	945		947	942	950		
CYLINDER #4	939		941	940	951		
CYLINDER #5	938		944	941	946		
CYLINDER #6	944		947	945	956		
ENGINE WATER PRESSURE	10		10	10	10		
ENGINE WATER TEMP.	142		145	147	150		
ENGINE OIL PRESSURE	45		44	45	45		
ENGINE OIL TEMP.	160		155	153	160		
GEAR BOX OIL PRESSURE	21		20	21	21		
INBOARD BEARING TEMP.	110		110	110	115		
OUTBOARD BEARING TEMP.	125		125	125	130		

TORREY STATION ENGINE DATA SHEET
ENTERPRISE G-1

13673

ENGINE TIMER: START 10 FINISH _____ TOTAL HOURS _____

OUTGOING BBLs. START _____

INCOMING BBLs. START _____

INITIALS	JO		JO	JO			
DATE	1/24		1/26	1/27			
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						
CYLINDER #3	O		D				
CYLINDER #4	W		O	D			
CYLINDER #5	N		W	O			
CYLINDER #6			N	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 13674 FINISH _____ TOTAL HOURS _____
 OUTGOING BBLs. START _____
 INCOMING BBLs. START _____

INITIALS	JD						
DATE	2/14 - 2/21/11	2/14					
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							
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 11668 FINISH 11826 TOTAL HOURS _____

OUTGOING BBLs. START _____

INCOMING BBLs. START _____

INITIALS	Jo	Jo	Jo		Jo		
DATE <u>2/14 - 2/21/11</u>	2/14	2/15	2/16		2/18		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE	525	528	525		528		
SUCTION PRESSURE	12.5	11.8	12.1		11.1		
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	20 GAL	-	-		10 GAL		
AIR PRESSURE	197	200	195		195		
CONVERTER TEMP TC-1	805	835	868		875		
CONVERTER TEMP TC-2	770	785	830		841		
FRONT AIR/FUEL PRESSURE	+3.0	+3.2	+3.2		+3.2		
REAR AIR/FUEL PRESSURE	+3.2	+3.2	+3.2		+3.2		
ENGINE RPM'S	350	364	356		366		
CYLINDER #1	969	975	1009		1015		
CYLINDER #2	949	951	965		971		
CYLINDER #3	945	947	946		952		
CYLINDER #4	942	947	964		967		
CYLINDER #5	945	947	957		962		
CYLINDER #6	947	958	971		975		
ENGINE WATER PRESSURE	10	10	10		10		
ENGINE WATER TEMP.	145	150	150		150		
ENGINE OIL PRESSURE	44	45	46		45		
ENGINE OIL TEMP.	155	160	155		160		
GEAR BOX OIL PRESSURE	21	22	21		20		
INBOARD BEARING TEMP.	110	115	115		115		
OUTBOARD BEARING TEMP.	125	130	130		135		

TORREY STATION ENGINE DATA SHEET
ENTERPRISE G-2

ENGINE TIMER: START 12467 FINISH _____ TOTAL HOURS _____
 OUTGOING BBLs. START _____
 INCOMING BBLs. START _____

INITIALS	JO	-10	Jo		Jo		
DATE	3/21	3/22	3/23		3/25		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE	525	526	526		529		
SUCTION PRESSURE	12.8	12.5	13.1		11.7		
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	156AL	—	—		156AL		
AIR PRESSURE	195	195	190		195		
CONVERTER TEMP TC-1	825	820	827		870		
CONVERTER TEMP TC-2	742	791	795		821		
FRONT AIR/FUEL PRESSURE	+3.0	+3.2	+3.0		+3.2		
REAR AIR/FUEL PRESSURE	+3.2	+3.2	+3.0		+3.2		
ENGINE RPM'S	348	347	354		365		
CYLINDER #1	990	988	995		1005		
CYLINDER #2	958	955	944		871		
CYLINDER #3	944	944	949		958		
CYLINDER #4	942	940	948		955		
CYLINDER #5	940	942	945		952		
CYLINDER #6	948	945	956		965		
ENGINE WATER PRESSURE	10	11	11		10		
ENGINE WATER TEMP.	142	140	145		145		
ENGINE OIL PRESSURE	45	44	45		45		
ENGINE OIL TEMP.	155	150	155		155		
GEAR BOX OIL PRESSURE	21	23	21		22		
INBOARD BEARING TEMP.	110	110	110		115		
OUTBOARD BEARING TEMP.	125	120	125		130		

TORREY STATION ENGINE DATA SHEET
ENTERPRISE G-1

ENGINE TIMER: START 13674 FINISH 13674 TOTAL HOURS _____
 OUTGOING BBLs. START _____
 INCOMING BBLs. START _____

INITIALS							
DATE <u>2/28 - 3/7/11</u>	<u>2/28</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	<u>D</u>						
CYLINDER #1	<u>O</u>						
CYLINDER #2	<u>W</u>						
CYLINDER #3	<u>N</u>						
CYLINDER #4							
CYLINDER #5							
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-1

ENGINE TIMER: START 13674 FINISH 13674 TOTAL HOURS _____
 OUTGOING BBLs. START _____
 INCOMING BBLs. START _____

INITIALS	JG						
DATE	3/7 - 3/14/11	3/7					
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					
CYLINDER #3		O					
CYLINDER #4		W					
CYLINDER #5		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 12133 FINISH 12322 TOTAL HOURS _____
 OUTGOING BBLs. START _____
 INCOMING BBLs. START _____

INITIALS	JO		JO	JO	JO		
DATE	3/7 - 3/14/11		3/7	3/9	3/10	3/11	
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE	527		524	525	525		
SUCTION PRESSURE	114		13.6	13.4	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	15 GAL		10 GAL	~	-		
AIR PRESSURE	195		197	195	195		
CONVERTER TEMP TC-1	877		820	813	822		
CONVERTER TEMP TC-2	815		764	762	760		
FRONT AIR/FUEL PRESSURE	+3.5		+3.0	+3.2	+3.0		
REAR AIR/FUEL PRESSURE	+3.0		+3.0	+3.2	+3.2		
ENGINE RPM'S	370		348	350	349		
CYLINDER #1	1017		993	990	991		
CYLINDER #2	976		961	960	962		
CYLINDER #3	975		945	944	946		
CYLINDER #4	972		942	940	942		
CYLINDER #5	970		940	943	945		
CYLINDER #6	977		945	945	948		
ENGINE WATER PRESSURE	10		10	10	10		
ENGINE WATER TEMP.	150		145	145	150		
ENGINE OIL PRESSURE	44		45	44	45		
ENGINE OIL TEMP.	165		155	155	155		
GEAR BOX OIL PRESSURE	21		21	21	22		
INBOARD BEARING TEMP.	110		110	110	110		
OUTBOARD BEARING TEMP.	132		125	125	125		

TORREY STATION ENGINE DATA SHEET
ENTERPRISE G-2

ENGINE TIMER: START 12966 FINISH 13134 TOTAL HOURS _____
 OUTGOING BBLs. START _____
 INCOMING BBLs. START _____

INITIALS	JO	a	JO		JO		
DATE	4/11	4/12	4/13		4/15		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE	528	527	527		528		
SUCTION PRESSURE	11.8	12.1	12.0		11.1		
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	15 GAL	0	0		10 GAL		
AIR PRESSURE	195	195	195		196		
CONVERTER TEMP TC-1	848	854	854		862		
CONVERTER TEMP TC-2	807	814	811		819		
FRONT AIR/FUEL PRESSURE	+3.2	+3.2	+3.2		+3.2		
REAR AIR/FUEL PRESSURE	+3.2	+3.2	+3.2		+3.2		
ENGINE RPM'S	350 360	356	356		370		
CYLINDER #1	971	1000	999		1008		
CYLINDER #2	962	965	964		971		
CYLINDER #3	955	935	953		945		
CYLINDER #4	964	943	948		948		
CYLINDER #5	965	947	958		954		
CYLINDER #6	971	956	961		963		
ENGINE WATER PRESSURE	10	9	9		10		
ENGINE WATER TEMP.	145	145	145		145		
ENGINE OIL PRESSURE	45	46	45		45		
ENGINE OIL TEMP.	160	155	155		155		
GEAR BOX OIL PRESSURE	32	28	29		28		
INBOARD BEARING TEMP.	115	105	109		108		
OUTBOARD BEARING TEMP.	125	125	125		129		

TORREY STATION ENGINE DATA SHEET
ENTERPRISE G-1

ENGINE TIMER: START 13674 FINISH 13674 TOTAL HOURS _____
 OUTGOING BBLs. START _____
 INCOMING BBLs. START _____

INITIALS	MON	TUES	WED	THUR	FRI	SAT	SUN
DATE <u>4/11 - 4/18/11</u>	<u>4/11</u>						
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						
CYLINDER #3	O						
CYLINDER #4	W						
CYLINDER #5	W						
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-1

ENGINE TIMER: START 14176 FINISH 14249 TOTAL HOURS 73
 OUTGOING BBLs. START _____
 INCOMING BBLs. START _____

INITIALS	JO	JO	SO				
DATE	5/23		5/23				
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE	525		524				
SUCTION PRESSURE	13.2		19.0				
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	15 GAL		-				
AIR PRESSURE	195		190				
CONVERTER TEMP TC-1	872		875				
CONVERTER TEMP TC-2	801		805				
FRONT AIR/FUEL PRESSURE	+2.0		+2.0				
REAR AIR/FUEL PRESSURE	+3.0		+3.0				
ENGINE RPM'S	354		358				
CYLINDER #1	969		971				
CYLINDER #2	961		964				
CYLINDER #3	950		954				
CYLINDER #4	938		941				
CYLINDER #5	956		961				
CYLINDER #6	964		966				
ENGINE WATER PRESSURE	9		9				
ENGINE WATER TEMP.	150		150				
ENGINE OIL PRESSURE	50		40				
ENGINE OIL TEMP.	145		145				
GEAR BOX OIL PRESSURE	26		24				
INBOARD BEARING TEMP.	120		120				
OUTBOARD BEARING TEMP.	130		135				

TORREY STATION ENGINE DATA SHEET
ENTERPRISE G-2

ENGINE TIMER: START 13403 FINISH 13580 TOTAL HOURS 117
 OUTGOING BBLs. START _____
 INCOMING BBLs. START _____

INITIALS	08			08	00		
DATE	<u>5/23</u>			<u>5/26</u>	<u>5/27</u>		
DAY	<u>5/23-5/30/11</u>						
	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE				524	524		
SUCTION PRESSURE				13.7	13.9		
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				156AL	106AL		
AIR PRESSURE				195	195		
CONVERTER TEMP TC-1				792	805		
CONVERTER TEMP TC-2				721	774		
FRONT AIR/FUEL PRESSURE				+2.0	+2.0		
REAR AIR/FUEL PRESSURE				+2.0	+2.0		
ENGINE RPM'S				345	345		
CYLINDER #1				990	988		
CYLINDER #2	D			937	952		
CYLINDER #3	O			946	944		
CYLINDER #4	W			950	959		
CYLINDER #5	V			942	951		
CYLINDER #6				961	964		
ENGINE WATER PRESSURE				10	9		
ENGINE WATER TEMP.				150	140		
ENGINE OIL PRESSURE				48	45		
ENGINE OIL TEMP.				155	160		
GEAR BOX OIL PRESSURE				28	26		
INBOARD BEARING TEMP.				120	125		
OUTBOARD BEARING TEMP.				135	130		

TORREY STATION ENGINE DATA SHEET
ENTERPRISE G-2

ENGINE TIMER: START _____ FINISH 4/62 TOTAL HOURS _____

OUTGOING BBLs. START _____

INCOMING BBLs. START _____

INITIALS	6F		Jo	Jo	Jo		
DATE	<u>6/20-6/27/10</u>	<u>6-20</u>	<u>6/22</u>	<u>6/23</u>	<u>6/24</u>		
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE	524		527	524	525		
SUCTION PRESSURE	12		14.2	14.0	14.0		
OXY. OUTPUT (mv) FRONT	12		12.0	12.0	12.0		
OXY. OUTPUT (mv) BACK	14		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	0		10 GAL	-	10 GAL		
AIR PRESSURE	200		195	195	195		
CONVERTER TEMP TC-1	866		863	822	811		
CONVERTER TEMP TC-2	844		831	778	792		
FRONT AIR/FUEL PRESSURE	+2.2		+2.4	+2.0	+2.2		
REAR AIR/FUEL PRESSURE	+2.0		+2.0	+2.0	+2.0		
ENGINE RPM'S	366		364	344	349		
CYLINDER #1	1005		1002	988	997		
CYLINDER #2	957		958	950	954		
CYLINDER #3	952		953	946	955		
CYLINDER #4	955		962	952	974		
CYLINDER #5	953		980	945	954		
CYLINDER #6	997		991	968	963		
ENGINE WATER PRESSURE	9		9	9	9		
ENGINE WATER TEMP.	150		162	150	150		
ENGINE OIL PRESSURE	45		45	46	46		
ENGINE OIL TEMP.	150		155	150	145		
GEAR BOX OIL PRESSURE	25		26	25	26		
INBOARD BEARING TEMP.	103		110	130	105		
OUTBOARD BEARING TEMP.	130		130	130	125		

TORREY STATION ENGINE DATA SHEET
ENTERPRISE G-1

ENGINE TIMER: START _____ FINISH 14249 TOTAL HOURS _____
 OUTGOING BBLs. START _____
 INCOMING BBLs. START _____

INITIALS	<u>GF</u>						
DATE	<u>6-20</u>						
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE							
SUCTION PRESSURE							
OXY. OUTPUT (mv) FRONT							
OXY. OUTPUT (mv) BACK	<u>D</u>						
MAKE-UP TANK LEVEL	<u>2</u>						
LUBE OIL LEVEL	<u>0</u>						
OIL ADDED TO ENGINE							
AIR PRESSURE	<u>W</u>						
CONVERTER TEMP TC-1							
CONVERTER TEMP TC-2							
FRONT AIR/FUEL PRESSURE	<u>N</u>						
REAR AIR/FUEL PRESSURE							
ENGINE RPM'S							
CYLINDER #1	<u>I</u>						
CYLINDER #2							
CYLINDER #3							
CYLINDER #4							
CYLINDER #5							
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 14973 FINISH 15141 TOTAL HOURS _____

OUTGOING BBLs. START _____

INCOMING BBLs. START _____

INITIALS	JE / RE		RE	TE	TE		
DATE	8.1.2011 - 8/2/2011	8/1	8-3	8-4	8-5		
DAY		MON	TUES	WED	THUR	FRI	SAT
DISCHARGE PRESSURE				520	520	519	
SUCTION PRESSURE				14.4	14.4	14.5	
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				20 gal	0	0	
AIR PRESSURE				190	190	190	
CONVERTER TEMP TC-1				790	788	784	
CONVERTER TEMP TC-2		S		766	765	760	
FRONT AIR/FUEL PRESSURE		/		+2.8	+2.8	+2.8	
REAR AIR/FUEL PRESSURE		D		+2.4	+2.5	+2.5	
ENGINE RPM'S				348	346	346	
CYLINDER #1				982	984	979	
CYLINDER #2				944	948	934	
CYLINDER #3				944	955	942	
CYLINDER #4				948	952	950	
CYLINDER #5				945	948	942	
CYLINDER #6				954	960	961	
ENGINE WATER PRESSURE				10	10	9	
ENGINE WATER TEMP.				170	165	160	
ENGINE OIL PRESSURE				44	45	45	
ENGINE OIL TEMP.				165	160	150	
GEAR BOX OIL PRESSURE				15	17	22	
INBOARD BEARING TEMP.				110	110	112	
OUTBOARD BEARING TEMP.				140	135	135	

TORREY STATION ENGINE DATA SHEET
ENTERPRISE G-1

ENGINE TIMER: START 14249 FINISH 14249 TOTAL HOURS _____
 OUTGOING BBLs. START _____
 INCOMING BBLs. START _____

INITIALS	<u>JL/TE</u>		<u>TE</u>				
DATE	<u>8.1.2011 - 8.8.2011</u>	<u>8/1</u>	<u>8-3</u>				
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE							
SUCTION PRESSURE							
OXY. OUTPUT (mv) FRONT			<u>S/D</u>				
OXY. OUTPUT (mv) BACK			<u>S/D</u>				
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	<u>S/D</u>						
ENGINE RPM'S							
CYLINDER #1	<u>S/D</u>						
CYLINDER #2							
CYLINDER #3							
CYLINDER #4							
CYLINDER #5							
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 15404 FINISH 15565 TOTAL HOURS _____
 OUTGOING BBLs. START _____
 INCOMING BBLs. START _____

INITIALS	Jo		Jo		Jo			
DATE	9/12 - 9/19/11	9/11	9/14		9/16			
DAY		MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE				524		523		
SUCTION PRESSURE				13.7		14.4		
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				-		156AL		
AIR PRESSURE				195		195		
CONVERTER TEMP TC-1			888	888		872		
CONVERTER TEMP TC-2				852		858		
FRONT AIR/FUEL PRESSURE				+3.0		+3.0		
REAR AIR/FUEL PRESSURE		0		+2.0		+2.0		
ENGINE RPM'S		0		352		348		
CYLINDER #1		w		985		978		
CYLINDER #2		v		951		945		
CYLINDER #3				970		962		
CYLINDER #4				966		956		
CYLINDER #5				965		950		
CYLINDER #6				974		962		
ENGINE WATER PRESSURE				10		10		
ENGINE WATER TEMP.				150		150		
ENGINE OIL PRESSURE				45		45		
ENGINE OIL TEMP.				155		150		
GEAR BOX OIL PRESSURE				21		22		
INBOARD BEARING TEMP.				120		120		
OUTBOARD BEARING TEMP.				130		130		

TORREY STATION ENGINE DATA SHEET
ENTERPRISE G-1

ENGINE TIMER: START 14787 FINISH 14792 TOTAL HOURS _____
 OUTGOING BBLs. START _____
 INCOMING BBLs. START _____

INITIALS	JB						
DATE	9/12 - 9/19/11	9/12					
DAY	MON	TUES	WED	THUR	FRI	SAT	SUN
DISCHARGE PRESSURE	522						
SUCTION PRESSURE	14.4						
OXY. OUTPUT (mv) FRONT	12.0						
OXY. OUTPUT (mv) BACK	12.0						
MAKE-UP TANK LEVEL	Full						
LUBE OIL LEVEL	1/2						
OIL ADDED TO ENGINE	-						
AIR PRESSURE	195						
CONVERTER TEMP TC-1	852						
CONVERTER TEMP TC-2	771						
FRONT AIR/FUEL PRESSURE	+1.4						
REAR AIR/FUEL PRESSURE	+2.0						
ENGINE RPM'S	348						
CYLINDER #1	920						
CYLINDER #2	938						
CYLINDER #3	941						
CYLINDER #4	946						
CYLINDER #5	961						
CYLINDER #6	952						
ENGINE WATER PRESSURE	10						
ENGINE WATER TEMP.	150						
ENGINE OIL PRESSURE	50						
ENGINE OIL TEMP.	160						
GEAR BOX OIL PRESSURE	24						
INBOARD BEARING TEMP.	120						
OUTBOARD BEARING TEMP.	135						