



May 15, 2012

Mr. Dan Searcy
Ventura County Air Pollution Control District
669 County Square Drive
Ventura, CA 93003

**Re: Part 70 Annual Compliance Certification Report for Platform Grace -
Reporting Period of April 1, 2011 through March 31, 2012**

Dear Mr. Duval:

Pursuant to the requirements of the Title V Part 70 Federal Operating Permit No. 1493, Venoco, Inc. is submitting the Platform Grace Part 70 Annual Compliance Certification Report for the reporting period of April 1, 2011 through March 31, 2012.

If you have questions or need additional information, please call me at (805) 745-2264.

Sincerely,

Patrick T. Corcoran
Environmental Coordinator

Encl.

Cc: Gerardo Rios, U.S. EPA Region 9

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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: <u>Operations Manager</u>	Date: <u>17-MAY-2012</u>
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Time Period Covered by Compliance Certification <u>04 / 01 / 2011</u> (MM/DD/YY) to <u>03 / 31 / 2012</u> (MM/DD/YY)



ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 11 to 03 / 31 / 12

<p>A. Attachment # or Permit Condition #: 71.1N1</p>	<p>D. Frequency of monitoring:</p> <p>Quarterly</p>
<p>B. Description:</p> <p>Tanks that are equipped with vapor recovery</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring:</p> <p>Fugitive I&M Program under Rule 74.10 for the tank hatches and other inlet and outlet gas and liquid piping connections; storage tank vapor recovery system for each applicable tank is monitored on a quarterly basis. Annual compliance certification verifying tanks are equipped with vapor recovery.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: 71.4N3</p>	<p>D. Frequency of monitoring:</p> <p>Annually</p>
<p>B. Description:</p> <p>Sumps, pits, or ponds exempt from being required to have a cover which is impermeable to ROC vapors, and covers at least 90% of the liquid surface area; Low ROC exemption</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring:</p> <p>Annual validation/compliance certification that the tanks are exempt via independent laboratory analysis by EPA Method 8015 showing tank ROC content is < 5mg/l. See attached ROC analytical results for T-2 and T-13.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: 74.9N3</p>	<p>D. Frequency of monitoring:</p> <p>Biennial Source Tests</p>
<p>B. Description:</p> <p>Stationary Natural Gas-Fired Rich-Burn I C Engines – NO_x, ROC, and CO emission limits after January 1, 1997.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable ARB Method 100, EPA Method 25</p>
<p>C. Method of monitoring:</p> <p>Biennial source test of the generator engines. Engine inspections per the Engine Operator Inspection Plan.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>



ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 11 to 03 / 31 / 12

<p>A. Attachment # or Permit Condition #: <u>74.9N7</u></p>	<p>D. Frequency of monitoring: Periodic</p>
<p>B. Description: Emergency Standby Stationary Internal Combustion Engines Operated During Either an Emergency or Maintenance Operation</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Records of operating hours. Date, time, duration, and reason for emergency operation. Records of engine data. Compliance is determined by logged hours of annual operation to ensure less than 50 hours per year.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: <u>74.9N8</u></p>	<p>D. Frequency of monitoring: Periodic</p>
<p>B. Description: Stationary diesel-fired internal combustion engines with permitted capacity factor of 15% or less.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Records containing data for each engine verifying the manufacturer's specified maximum hourly fuel consumption, data specifying the actual annual usage (e.g., fuel consumption or operating hours), and data for each engine including the engine manufacturer, model no., operator identification no., and location of each engine.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: <u>74.9N9</u></p>	<p>D. Frequency of monitoring: Periodic</p>
<p>B. Description: Stationary diesel-fired internal combustion engines used to power cranes and welding equipment</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Records containing data for each engine including the function (usage) of the engine, manufacturer, model number, operator identification number, and location of each engine. Routine surveillance of the diesel-fired engine to ensure that compliance is being maintained.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 11 to 03 / 31 / 12

<p>A. Attachment # or Permit Condition #: ATCM ENG.N3</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: All stationary compression ignition engines</p>	<p>Periodic</p>
	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Annual certification that monthly fuel consumption records and fuel type records are maintained. ATCM emission standards are not federally enforceable.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO1493PC1-Condition No. 1</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Platform Grace Additional Requirements - 12-month rolling records of throughput and consumption as provided in the Permitted Throughput and Consumption Limits Table in Section No. 3 of the Permit.</p>	<p>Periodic</p>
	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Monthly records of throughputs and fuel consumption. Annual compliance certification that these records are maintained. See attached 12-Month Rolling data.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO1493PC1-Condition No. 2</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Platform Grace Additional Requirements - Generators shall only burn natural gas and no other fuel.</p>	<p>Periodic</p>
	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Routine surveillance to ensure only natural gas is used. Annual compliance that only natural gas was burned in generators.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 11 to 03 / 31 / 12

<p>A. Attachment # or Permit Condition #: PO1493PC1-Condition No. 3</p>	<p>D. Frequency of monitoring: Periodic</p>
<p>B. Description: Platform Grace Additional Requirements - Maximum number of oil wells (16). Platform Grace currently has 11 oil well completions.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Authority to Construct will be obtained prior to drilling any wells, unless the activity is a redrill. Annual compliance certification that there was no increase in number of wells for this reporting period.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO1493PC1-Condition No. 4</p>	<p>D. Frequency of monitoring: Periodic</p>
<p>B. Description: Platform Grace Additional Requirements - Maximum sulfur content of diesel fuel consumed in the crane engines, C-5B turbine starter engines, Generators, backup generator engine, and the boats.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Records of certifications from the fuel supplier documenting the sulfur content of each diesel fuel delivery are maintained</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO1493PC1-Condition No. 5</p>	<p>D. Frequency of monitoring: Periodic</p>
<p>B. Description: Platform Grace Additional Requirements - Crew boat and work boat emission limits</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Monthly records of fuel consumption from the crew and work boats are maintained. Monthly emissions are calculated for the crew and work boats and are maintained in 12-month rolling records. Annual compliance certification that these records are maintained. See attached 12-month rolling data.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 11 to 03 / 31 / 12

<p>A. Attachment # or Permit Condition #: PO1493PC1-Condition No. 6</p>	<p>D. Frequency of monitoring: Periodic</p>
<p>B. Description: Platform Grace Additional Requirements - Crew boat permitted engines</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Only one crew boat can be used at any given time. Records are maintained showing the days and hours that each crew boat was in service. Annual compliance certification that these records are maintained.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO1493PC1-Condition No. 7</p>	<p>D. Frequency of monitoring: Periodic</p>
<p>B. Description: Platform Grace Additional Requirements - Work boat permitted engines</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Only one work boat can be used at any given time. Records are maintained showing the days and hours that each work boat was in service. Annual compliance certification that these records are maintained.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO1493PC1-Condition No. 8</p>	<p>D. Frequency of monitoring: Periodic</p>
<p>B. Description: Platform Grace Additional Requirements - Solvent Recordkeeping</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Records of solvent purchase and usage, along with records of solvent that is recycled or disposed of are maintained for solvents used in solvent cleaning activities, including wipe cleaning. Annual compliance certification that these records are maintained.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 11 to 03 / 31 / 12

<p>A. Attachment # or Permit Condition #: PO1493PC2-Conditions Nos. 1 and 4</p>	<p>D. Frequency of monitoring: Periodic</p>
<p>B. Description: Flare fuel consumption</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Each flare has individual fuel meter installed to record the amount of natural gas consumed. Monthly records of volume of gas combusted in flare are maintained in 12-month rolling records. Records also differentiate between emergency (unplanned) usage and non-emergency (planned) usage. Annual compliance certification that these records are maintained. See attached 12-month rolling data.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO1493PC2-Conditions Nos. 2 and 3</p>	<p>D. Frequency of monitoring: Monthly</p>
<p>B. Description: Flare ignition system operation – each flare is equipped and maintained with a continuous pilot or autoignition system to ensure combustion disposal of all excess produced or recovered gases.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Flare's ignition system is tested monthly and monthly records of the flare's ignition system tests and maintenance activities are maintained. Annual compliance certification that these records are maintained.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO1493PC3</p>	<p>D. Frequency of monitoring: Periodic</p>
<p>B. Description: Caterpillar Diesel Backup Generator operation.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Annual compliance certification that the backup generator G-02 is only operated during maintenance testing or when production generators mechanically malfunctioning. Records indicating reason for usage are maintained. Annual compliance certification that records are maintained.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 11 to 03 / 31 / 12

<p>A. Attachment # or Permit Condition #: PO1493PC4</p>	<p>D. Frequency of monitoring: Periodic</p>
<p>B. Description: Tanks designated as out of service on the permit are shut down and cannot be operated.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Annual compliance certification that Tanks T-4, T-6, T-10, T-21A, T-21B, T-23, T-25, and T-22 have been shut down and had not been operated during this compliance period.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO1493PC5</p>	<p>D. Frequency of monitoring: Biennial</p>
<p>B. Description: Stationary Natural Gas-Fired Rich-Burn I C Engines – BACT NO_x, ROC, and CO emission limits. CAM Requirements</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable ARB Method 100, EPA Method 25</p>
<p>C. Method of monitoring: Biennial source test of the G-03 generator using: ARB Method 100 for NO_x, ARB Method 100 for CO, EPA Method 25 or EPA Method 18 for ROC, ARB Method 100 for oxygen content, and ASTM Method 1826-77 for gaseous fuel heating value. Annual compliance certification that daily NO_x measurements utilizing a portable analyzer are being recorded. The G-03 Generator was out of service for the reporting period.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: PO1493PC6</p>	<p>D. Frequency of monitoring: Annual</p>
<p>B. Description: Crane fuel consumption</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Monthly records of crane fuel consumption are maintained in 12-month rolling records. Annual compliance certification that these records are maintained. See attached rolling 12-month data.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 11 to 03 / 31 / 12

<p>A. Attachment # or Permit Condition #: 50</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Opacity requirements</p>	<p>Annually</p>
<p>C. Method of monitoring: Routine surveillance to ensure that opacity requirements are being maintained. Records including date, time, and identity of emissions unit of any occurrences of visible emissions not meeting Rule 50 opacity requirements are maintained. District notification within subsequent 24 hours if visible emissions problem cannot be corrected within first 24 hours.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: 52</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Particulate Matter – Concentration requirements (grain loading)</p>	<p>None</p>
<p>C. Method of monitoring: Annual compliance certification that particulate matter was not discharged into the atmosphere from any source at the facility in excess of the concentration listed in the table shown in Rule 52. Periodic monitoring is not necessary to certify compliance.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: 54.B.1 (OCS)</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Sulfur Compounds – Sulfur emission concentration requirements at point of discharge</p>	<p>Periodic</p>
<p>C. Method of monitoring: Annual certification that records of each planned and unplanned flaring event are maintained. A representative fuel analysis is being maintained.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 11 to 03 / 31 / 12

<p>A. Attachment # or Permit Condition #: 54.B.2 (OCS)</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Sulfur Compounds – Sulfur emission concentration requirements at ground level</p>	<p>Periodic</p>
<p>C. Method of monitoring: Annual certification that records of each planned and unplanned flaring event are maintained. A representative fuel analysis is being maintained.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: 57.1</p>	<p>D. Frequency of monitoring: None</p>
<p>B. Description: Combustion contaminants requirements – Specific – Fuel burning equipment</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Annual compliance certification that combustion contaminants were not discharged into the atmosphere from any fuel-burning equipment at the facility in excess of the concentration at the point of discharge, 0.1 grain per cubic foot of gas calculated to 12% CO₂ at standard conditions.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: 64.B.1</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Gaseous fuel sulfur compounds concentration requirements for all combustion emissions units at this facility combusting gaseous fuel.</p>	<p>Annually</p>
<p>C. Method of monitoring: Annual fuel analysis of the total sulfur content measured as hydrogen sulfide using SCAQMD Method 307-94.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 11 to 03 / 31 / 12

<p>A. Attachment # or Permit Condition #: <u>64.B.2</u></p>	<p>D. Frequency of monitoring:</p> <p>Periodic</p>
<p>B. Description:</p> <p>Solid or liquid fuel sulfur compounds concentration requirements for all combustion emissions units at this facility combusting solid or liquid fuel.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring:</p> <p>Fuel supplier's certifications containing fuel sulfur content by weight for each fuel delivery are maintained.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: <u>71.1.C</u></p>	<p>D. Frequency of monitoring:</p> <p>Quarterly</p>
<p>B. Description:</p> <p>Emissions of produced gas must be controlled at all times using a gas collection system that directs all gas to a fuel or sales gas system, or to a flare that combusts ROCs.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring:</p> <p>Fugitive I&M Program under Rule 74.10 for the gas collection system's gas and liquid piping connections; Annual compliance certification that the produced gas collection system is a closed system through a visual inspection. Flare is inspected on a quarterly basis. Records of visual and flare inspections are maintained at the facility.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: <u>71.4.B.1</u></p>	<p>D. Frequency of monitoring:</p> <p>None</p>
<p>B. Description:</p> <p>First stage sump prohibition</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring:</p> <p>Annual certification that there are no first stage production sumps at the facility.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>



ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 11 to 03 / 31 / 12

<p>A. Attachment # or Permit Condition #: <u>71.4.B.3</u></p>	<p>D. Frequency of monitoring:</p> <p>None</p>
<p>B. Description:</p> <p>Well cellar storage prohibition</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring:</p> <p>Annual certification including routine surveillance and visual inspections that no crude oil or petroleum material was stored in a well cellar except during periods of equipment maintenance or well workover, and in no case, no storage for more than 5 days. No well cellars are on Platform Grace.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: <u>74.6</u></p>	<p>D. Frequency of monitoring:</p> <p>Periodic</p>
<p>B. Description:</p> <p>Surface cleaning and degreasing requirements including ROC content limits, application and storage requirements</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring:</p> <p>Records of current material list of ROC-containing material used in solvent cleaning activities are maintained. Routine surveillance of the applicable solvent cleaning activities is also performed.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: <u>74.10</u></p>	<p>D. Frequency of monitoring:</p> <p>Daily, Weekly, Quarterly, Annually</p>
<p>B. Description:</p> <p>Fugitive leak and leak inspection requirements for components at crude oil production and processing facilities.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring:</p> <p>Weekly visual inspections of pumps, Daily, Weekly, Quarterly monitoring of specified components. All other components not exempt are monitored annually. Detected leaks are visibly tagged. Annual update to Operator Management Plan. Notification of major leaks and repeat leaks.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>



ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 11 to 03 / 31 / 12

<p>A. Attachment # or Permit Condition #: <u>74.11.1</u></p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Large Water Heaters and Small Boilers</p>	<p>None</p>
<p>C. Method of monitoring: Annual certification that Platform Grace does not have any applicable units.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: <u>74.22</u></p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Natural gas-fired, fan-type central furnaces – NO_x limits and certification requirements</p>	<p>None</p>
<p>C. Method of monitoring: Annual certification that Platform Grace does not have any applicable units.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: <u>74.1</u></p>	<p>D. Frequency of monitoring:</p>
<p>B. Description: Abrasive blasting requirements</p>	<p>Periodic</p>
<p>C. Method of monitoring: Routine surveillance including assuring that visual inspections, operation, equipment and recordkeeping requirements are being met..</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>



ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 11 to 03 / 31 / 12

<p>A. Attachment # or Permit Condition #: <u>74.2</u></p>	<p>D. Frequency of monitoring: Periodic</p>
<p>B. Description: Architectural coating requirements</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Routine surveillance and records including specifying the usage of compliant coatings and maintaining VOC records of coatings used (MSDSs are maintained).</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: <u>74.16</u></p>	<p>D. Frequency of monitoring: None</p>
<p>B. Description: Oilfield Drilling Operations</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Annual compliance certification to ensure the use of electric power or that drilling engines have valid APCD PTO. Annual source tests or manufacturer certification.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>

<p>A. Attachment # or Permit Condition #: <u>40CFR.61.M</u></p>	<p>D. Frequency of monitoring: None</p>
<p>B. Description: National Emissions Standards for Asbestos</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
<p>C. Method of monitoring: Annual certification that inspection procedures outlined in 40 CFR Part 61.145 are met.</p>	<p>F. Currently in Compliance? (Y or N): <u>Y</u> G. Compliance Status? (C or I): <u>C</u> H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u> *If yes, attach Deviation Summary Form</p>



ANNUAL COMPLIANCE CERTIFICATION PERMIT ATTACHMENT FORM

Period Covered by Compliance Certification: 04 / 01 / 11 to 03 / 31 / 12

<p>A. Attachment # or Permit Condition #: PO1493PC7</p>	<p>D. Frequency of monitoring:</p>
<p>B. Description:</p> <p>Stationary Natural Gas-Fired Rich-Burn I C Engines – BACT NO_x, ROC, and CO emission limits. CAM Requirements. G-6A, G-6B, G-6C, G-1A, G-1B.</p>	<p>Periodic</p>
<p>C. Method of monitoring:</p> <p>Biennial source test of the generators using the following methods: ARB Method 100 for NO_x, ARB Method 100 for CO, EPA Method 25 or EPA Method 18 for ROC, ARB Method 100 for oxygen content, and ASTM Method 1826-77 for gaseous fuel heating value. Biennial source test also to obtain air to fuel ratio set point. Annual compliance certification that daily NO_x measurements utilizing a portable analyzer are being recorded.</p>	<p>E. Source test reference method, if applicable. Attach Source Test Summary Form, if applicable</p>
	<p>F. Currently in Compliance? (Y or N): <u>Y</u></p> <p>G. Compliance Status? (C or I): <u>C</u></p> <p>H. *Excursions, exceedances, or other non-compliance? (Y or N): <u>N</u></p> <p>*If yes, attach Deviation Summary Form</p>

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



ANNUAL COMPLIANCE CERTIFICATION DEVIATION SUMMARY FORM

Period Covered by Compliance Certification: 04 / 01 / 2011 (MM/DD/YY) to 03 / 31 / 2012 (MM/DD/YY)

A. Attachment # or Permit Condition #: <p style="text-align: center;">NO DEVIATIONS DURING REPORTING YEAR</p>	B. Equipment description:	C. Deviation Period: Date & Time Begin: _____ End: _____ When Discovered: Date & Time _____
D. Parameters monitored:	E. Limit:	F. Actual:
G. Probable Cause of Deviation:		H. Corrective actions taken:

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

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



Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 04 / 01 / 11 (MM/DD/YY) to 03 / 31 / 12 (MM/DD/YY)

A. Emission Unit Description: Generator G-1A			B. Pollutant: NOX
C. Measured Emission Rate: 2.8 ppmv @ 15% O2	D. Limited Emission Rate: 5 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AIR-X Job # 22012 Report # 210-006	F. Test Date: 01/23/2012

A. Emission Unit Description: Generator G-1A			B. Pollutant: CO
C. Measured Emission Rate: 39.6 ppmv @ 15% O2	D. Limited Emission Rate: 71 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AIR-X Job # 22012 Report # 210-006	F. Test Date: 01/23/2012

A. Emission Unit Description: Generator G-1A			B. Pollutant: ROC
C. Measured Emission Rate: 6.8 ppmv @ 15% O2	D. Limited Emission Rate: 14 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AIR-X Job # 22012 Report # 210-006	F. Test Date: 01/23/2012

A. Emission Unit Description: Generator G-1B			B. Pollutant: NOX
C. Measured Emission Rate: 2.2 ppmv @ 15% O2	D. Limited Emission Rate: 5 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AIR-X Job # 22012 Report # 210-006	F. Test Date: 01/23/2012

A. Emission Unit Description: Generator G-1B			B. Pollutant: CO
C. Measured Emission Rate: 11.1 ppmv @ 15% O2	D. Limited Emission Rate: 71 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AIR-X Job # 22012 Report # 210-006	F. Test Date: 01/23/2012



ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 04 / 01 / 11 (MM/DD/YY) to 03 / 31 / 12 (MM/DD/YY)

A. Emission Unit Description: Generator G-1B			B. Pollutant: ROC
C. Measured Emission Rate: 0.6 ppmv @ 15% O2	D. Limited Emission Rate: 14 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AIR-X Job # 22012 Report # 210-006	F. Test Date: 01/23/2012

A. Emission Unit Description: Generator G-3			B. Pollutant: NOX
C. Measured Emission Rate: 3.7 ppmv @ 15% O2	D. Limited Emission Rate: 9 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AIR-X Job # 22012 Report # 211-016	F. Test Date: 02/28/2011

A. Emission Unit Description: Generator G-3			B. Pollutant: CO
C. Measured Emission Rate: 320 ppmv @ 15% O2	D. Limited Emission Rate: 1600 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AIR-X Job # 22012 Report # 211-016	F. Test Date: 02/28/2011

A. Emission Unit Description: Generator G-3			B. Pollutant: ROC
C. Measured Emission Rate: 23.5 ppmv @ 15% O2	D. Limited Emission Rate: 50 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AIR-X Job # 22012 Report # 211-016	F. Test Date: 02/28/2011

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:



Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 04 / 01 / 11 (MM/DD/YY) to 03 / 31 / 12 (MM/DD/YY)

A. Emission Unit Description: Generator G-6A			B. Pollutant: NOX
C. Measured Emission Rate: 1.4 ppmv @ 15% O2	D. Limited Emission Rate: 5 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AIR-X Job # 22012 Report # 210-006	F. Test Date: 01/25/2012

A. Emission Unit Description: Generator G-6A			B. Pollutant: CO
C. Measured Emission Rate: 3.2 ppmv @ 15% O2	D. Limited Emission Rate: 71 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AIR-X Job # 22012 Report # 210-006	F. Test Date: 01/25/2012

A. Emission Unit Description: Generator G-6A			B. Pollutant: ROC
C. Measured Emission Rate: 1.3 ppmv @ 15% O2	D. Limited Emission Rate: 14 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AIR-X Job # 22012 Report # 210-006	F. Test Date: 01/25/2012

A. Emission Unit Description: Generator G-6B			B. Pollutant: NOX
C. Measured Emission Rate: 1.2 ppmv @ 15% O2	D. Limited Emission Rate: 5 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AIR-X Job # 22012 Report # 210-006	F. Test Date: 01/25/2012

A. Emission Unit Description: Generator G-6B			B. Pollutant: CO
C. Measured Emission Rate: 33 ppmv @ 15% O2	D. Limited Emission Rate: 71 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AIR-X Job # 22012 Report # 210-006	F. Test Date: 01/25/2012



Ventura County
Air Pollution
Control District

ANNUAL COMPLIANCE CERTIFICATION

SOURCE TEST SUMMARY FORM

Period Covered by Compliance Certification: 04 / 01 / 11 (MM/DD/YY) to 03 / 31 / 12 (MM/DD/YY)

A. Emission Unit Description: Generator G-6B			B. Pollutant: ROC
C. Measured Emission Rate: 5.4 ppmv @ 15% O2	D. Limited Emission Rate: 14 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AIR-X Job # 22012 Report # 210-006	F. Test Date: 01/25/2012

A. Emission Unit Description: Generator G-6C			B. Pollutant: NOX
C. Measured Emission Rate: 1.3 ppmv @ 15% O2	D. Limited Emission Rate: 5 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AIR-X Job # 22012 Report # 211-016	F. Test Date: 01/24/2012

A. Emission Unit Description: Generator G-6C			B. Pollutant: CO
C. Measured Emission Rate: 12.1 ppmv @ 15% O2	D. Limited Emission Rate: 71 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AIR-X Job # 22012 Report # 211-016	F. Test Date: 01/24/2012

A. Emission Unit Description: Generator G-6C			B. Pollutant: ROC
C. Measured Emission Rate: 2.6 ppmv @ 15% O2	D. Limited Emission Rate: 14 ppmv @ 15% O2	E. Specific Source Test or Monitoring Record Citation: AIR-X Job # 22012 Report # 211-016	F. Test Date: 01/24/2012

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:

Platform Grace
PTO No. 1493 Equipment Usage
Rolling 12-Months Ending:
Apr-11

Equipment	May-10	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
Cranes:																
North Crane	0.0	0.0	0.0	0.0	0.0	59.0	162.0	143.0	126.0	165.6	130.0	166.0	Gal/mo	991.6	N/A	Gal/yr
South Crane	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	56.0	Gal/mo	86.0	N/A	Gal/yr
Crane Total	0.0	0.0	0.0	0.0	0.0	99.0	162.0	143.0	126.0	195.6	130.0	222.0	Gal/mo	1,078	13,344	Gal/yr^a
Flare Gas Consumption:																
Planned (HP+LP)	33.0	47.0	49.0	177.0	180.0	119.0	196.0	227.0	142.0	166.0	227.0	212.0	MSCF/mo	1.78	N/A	MMSCF/yr
Unplanned (HP+LP)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,680.0	MSCF/mo	1.68	N/A	MMSCF/yr
Pilot Purge (HP+LP)																
Flare Gas Total	33.0	47.0	49.0	177.0	180.0	119.0	196.0	227.0	142.0	166.0	227.0	1,892.0	MSCF/mo	3.46	7.19	MMSCF/yr^b
Generators:																
G2 (Emergency)	0.0	0.0	0.0	0.0	0.0	825.0	0.0	0.0	80.0	871.0	165.0	130.0	Gal/mo	2,071.00	55,900	Gal/yr
G3	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.2	0.0	0.4	0.2	0.0	MMSCF/mo	4.99	51.10	MMSCF/yr
48 BHP Starter Engine	0.0	0.0	0.0	0.0	0.0	6.1	7.3	0.0	3.5	3.0	0.0	8.0	Gal/mo	27.90	7,315	Gal/yr
P-19 Firewater Pump	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	9.0	0.0	0.0	Gal/mo	14.00	Exempt	Gal/yr
Portable Equipment	0.0	0.0	0.0	0.0	125.0	0.0	0.0	10.0	0.0	47.0	89.0	89.0	Gal/mo	340.00	Exempt	Gal/yr
Production Engines																
G-1A	1,501.2	1,559.7	2,018.4	784.6	1,513.3	924.4	0.0	0.0	0.0	0.0	331.0	1,956.5	MSCF/mo	10,589.10	N/A	MMSCF/yr
G-1B	1,367.2	1,254.7	838.9	974.9	563.2	371.6	0.0	201.1	2,484.1	1,646.5	1,949.2	612.2	MSCF/mo	12,263.60	N/A	MMSCF/yr
Production ICE Total	2,868.4	2,814.4	2,857.3	1,759.5	2,076.5	1,296.0	0.0	201.1	2,484.1	1,646.5	2,280.2	2,568.7	MSCF/mo	22.85	60.00	MMSCF/yr
Drilling Engines																
G-5A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
G-5B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
G-5C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
Drilling ICE Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	126.72	MMSCF/yr
Diesel Backup Generator																
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	4,300	Gal/yr
Tanks Throughputs																
T-3A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbl/mo	0.000	20	MBbl/yr
T-3B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbl/mo	0.000	20	MBbl/yr
V-8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbl/mo	0.000	3960	MBbl/yr
Solvent Usage																
Z-Sol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	N/A	Tons/yr ROC at 1.64 lb/gal
Enviro-Det	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	N/A	Tons/yr ROC at 6.43 lb/gal
Total Solvents	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	4.45	Tons/yr ROC
Total Coolings																
Boats:																
Crew Boat Fuel:	4,170.0	4,781.0	3,885.0	2,602.0	2,564.0	3,451.0	2,504.0	2,493.0	2,137.2	2,081.0	2,180.8	4,781.0	Gal/mo	37,830	N/A	Gal/yr
Work Boat Fuel:	2,279.0	2,131.0	2,873.0	2,263.0	2,071.0	2,787.0	2,382.0	2,014.0	1,870.1	1,117.0	1,068.2	1,431.0	Gal/mo	24,286	N/A	Gal/yr
Total Boat Fuel:	6,449.0	6,912.0	6,758.0	5,065.0	4,635.0	6,238.0	4,886.0	4,507.0	4,007.3	3,198.0	3,249.0	6,212.0	Gal/mo	62,116	96,792	Gal/yr^c
Boat Emissions: tons																
ROC	0.11	0.11	0.11	0.08	0.08	0.10	0.08	0.07	0.07	0.05	0.05	0.10	Tons/mo	1.03	1.90	Tons/yr at 33.15 lbs/MGal
NOx	1.81	1.94	1.90	1.42	1.30	1.75	1.37	1.26	1.12	0.90	0.91	1.74	Tons/mo	17.42	32.11	Tons/yr at 581.00 lbs/MGal
PM	0.11	0.12	0.11	0.08	0.08	0.10	0.08	0.07	0.07	0.05	0.05	0.10	Tons/mo	1.04	1.92	Tons/yr at 33.50 lbs/MGal
SOx	0.02	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.02	Tons/mo	0.23	0.42	Tons/yr at 7.50 lbs/MGal
CO	0.33	0.35	0.34	0.26	0.24	0.32	0.25	0.23	0.20	0.16	0.17	0.32	Tons/mo	3.17	5.84	Tons/yr at 102.00 lbs/MGal

^a Without producing wells, crane limit is 13,344 gal/yr, with any producing wells, limit is 7,344 gal/yr

^b Permit limit for is 7.05 MMSCF/yr for HP and 0.14 MMSCF/yr for LP

^c Boat fuel usage is tracked at Platform Gail (PTO No. 1494)

Platform Grace
PTO No. 1493 Equipment Usage
Rolling 12-Months Ending:
May-11

Equipment	Jun-10	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
Cranes:																
North Crane	0.0	0.0	0.0	0.0	99.0	162.0	143.0	126.0	165.6	130.0	165.0	292.0	Gal/mo	1,283.6	N/A	Gal/yr
South Crane	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	Gal/mo	86.0	N/A	Gal/yr
Crane Total	0.0	0.0	0.0	0.0	99.0	162.0	143.0	126.0	195.6	130.0	222.0	292.0	Gal/mo	1,370	13,344	Gal/yr^a
Flare Gas Consumption:																
Planned (HP+LP)	47.0	49.0	177.0	180.0	119.0	196.0	227.0	142.0	165.0	227.0	212.0	263.0	MSCF/mo	2.01	N/A	MMSCF/yr
Unplanned (HP+LP)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,690.0	562.0	MSCF/mo	2.24	N/A	MMSCF/yr
Pilot Purge (HP+LP)																
Flare Gas Total	47.0	49.0	177.0	180.0	119.0	196.0	227.0	142.0	165.0	227.0	1,892.0	825.0	MSCF/mo	4.25	7.19	MMSCF/yr^b
Generators:																
G2 (Emergency)																
G3	0.0	0.0	0.0	0.0	825.0	0.0	0.0	80.0	871.0	165.0	130.0	120.0	Gal/mo	2,191.00	55,900	Gal/yr
48 BHP Starter Engine	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.4	0.4	0.2	0.0	0.0	MMSCF/mo	4.99	51.10	MMSCF/yr
P-19 Firewater Pump	0.0	0.0	0.0	0.0	6.1	7.3	3.0	3.5	3.0	0.0	8.0	16.8	Gal/mo	44.70	7,315	Gal/yr
Portable Equipment	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	9.0	0.0	0.0	0.0	Gal/mo	14.00	Exempt	Gal/yr
	0.0	0.0	0.0	125.0	89.0	0.0	10.0	0.0	47.0	89.0	69.0	96.0	Gal/mo	436.00	Exempt	Gal/yr
Production Engines																
G-1A	1,559.7	2,018.4	764.6	1,513.3	924.4	0.0	0.0	0.0	0.0	331.0	1,956.5	1,006.7	MSCF/mo	10,094.60	N/A	MMSCF/yr
G-1B	1,254.7	838.9	974.9	563.2	371.6	0.0	201.1	2,484.1	1,646.5	1,949.2	612.2	1,719.2	MSCF/mo	12,615.55	N/A	MMSCF/yr
Production ICE Total	2,814.4	2,857.3	1,739.5	2,076.5	1,296.0	0.0	201.1	2,484.1	1,646.5	2,280.2	2,568.7	2,725.9	MSCF/mo	22.71	60.00	MMSCF/yr
Drilling Engines																
G-6A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
G-6B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
G-6C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	126.72	MMSCF/yr
Diesel Backup Generator																
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	4,300	Gal/yr
Tanks Throughputs																
T-3A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.000	20	MBbl/yr
T-3B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.000	20	MBbl/yr
V-8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.000	3960	MBbl/yr
Solvent Usage																
Z-Sol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	N/A	Tons/yr ROC at 1.64 lb/gal
Enviro-Det	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	N/A	Tons/yr ROC at 6.43 lb/gal
Total Solvents																
Total Coatings																
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	4.45	Tons/yr ROC
													Gal/mo	0.00	Exempt	Gal/yr
Boats:																
Crew Boat Fuel:	4,781.0	3,885.0	2,802.0	2,564.0	3,451.0	2,504.0	2,493.0	2,137.2	2,081.0	2,180.8	4,781.0	6,338.4	Gal/mo	39,998	N/A	Gal/yr
Work Boat Fuel:	2,131.0	2,873.0	2,263.0	2,071.0	2,787.0	2,382.0	2,014.0	1,870.1	1,117.0	1,068.2	1,431.0	1,949.9	Gal/mo	23,957	N/A	Gal/yr
Total Boat Fuel:	6,912.0	6,758.0	5,065.0	4,635.0	6,238.0	4,886.0	4,507.0	4,007.3	3,198.0	3,249.0	6,212.0	8,288.3	Gal/mo	63,956	96,792	Gal/yr^c
Boat Emissions: tons																
ROC	0.11	0.11	0.08	0.08	0.10	0.08	0.07	0.07	0.06	0.05	0.10	0.14	Tons/mo	1.06	1.90	Tons/yr at 33.15 lbs/MMGal
NOx	1.94	1.90	1.42	1.30	1.75	1.37	1.26	1.12	0.90	0.91	1.74	2.32	Tons/mo	17.94	32.11	Tons/yr at 561.00 lbs/MMGal
PM	0.12	0.11	0.08	0.10	0.08	0.08	0.08	0.07	0.05	0.05	0.10	0.14	Tons/mo	1.07	1.92	Tons/yr at 33.50 lbs/MMGal
SOx	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.02	0.03	Tons/mo	0.24	0.42	Tons/yr at 7.50 lbs/MMGal
CO	0.35	0.34	0.26	0.24	0.32	0.25	0.23	0.20	0.16	0.17	0.32	0.42	Tons/mo	3.26	5.84	Tons/yr at 102.00 lbs/MMGal

^a Without producing wells, crane limit is 13,344 gal/yr; with any producing wells, limit is 7,344 gal/yr

^b Permit Limit for 7.05 MMSCF/yr for HP and 0.14 MMSCF/yr for LP

^c Boat fuel usage is tracked at Platform Gal (PTO No. 1494)

Platform Grace
PTO No. 1493 Equipment Usage
Rolling 12-Months Ending:
Jun-11

Equipment	Jul-10	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
Cranes:																
North Crane	0.0	0.0	0.0	99.0	162.0	143.0	126.0	165.6	130.0	166.0	292.0	172.0	Gal/mo	1,455.6	N/A	Gal/yr
South Crane	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	56.0	0.0	66.0	Gal/mo	152.0	N/A	Gal/yr
Crane Total	0.0	0.0	0.0	99.0	162.0	143.0	126.0	195.6	130.0	222.0	292.0	238.0	Gal/mo	1,608	13,344	Gal/yr^a
Flare Gas Consumption:																
Planned (HP+LP)	49.0	177.0	180.0	119.0	196.0	227.0	142.0	166.0	227.0	212.0	263.0	233.0	MSCF/mo	2.19	N/A	MMSCF/yr
Unplanned (HP+LP)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,690.0	562.0	0.0	MSCF/mo	2.24	N/A	MMSCF/yr
Pilot Purge (HP+LP)																
Flare Gas Total	49.0	177.0	180.0	119.0	196.0	227.0	142.0	166.0	227.0	1,892.0	825.0	233.0	MSCF/mo	4.43	7.19	MMSCF/yr^b
Generators:																
G2 (Emergency)	0.0	0.0	0.0	825.0	0.0	0.0	80.0	871.0	165.0	130.0	120.0	45.0	Gal/mo	2,236.00	55,900	Gal/yr
G3	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.4	0.2	0.0	0.0	0.0	MMSCF/mo	5.00	51.10	MMSCF/yr
48 BHP Starter Engine	0.0	0.0	0.0	6.1	7.3	0.0	3.5	3.0	3.0	8.0	16.8	11.0	Gal/mo	55.70	7,315	Gal/yr
P-19 Firewater Pump	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	Gal/mo	14.00	Exempt	Gal/yr
Portable Equipment	0.0	0.0	125.0	0.0	0.0	10.0	0.0	47.0	89.0	69.0	96.0	69.0	Gal/mo	505.00	Exempt	Gal/yr
Production Engines:																
G-1A	2,018.4	784.6	1,513.3	924.4	0.0	0.0	0.0	0.0	331.0	1,956.5	1,006.7	1,420.1	MSCF/mo	9,955.00	N/A	MMSCF/yr
G-1B	838.9	974.9	563.2	371.6	0.0	201.1	2,484.1	1,646.5	1,949.2	612.2	1,719.2	1,142.4	MSCF/mo	12,503.25	N/A	MMSCF/yr
Production ICE Total	2,857.3	1,759.5	2,076.5	1,296.0	0.0	201.1	2,484.1	1,646.5	2,280.2	2,568.7	2,725.9	2,562.5	MSCF/mo	22.46	60.00	MMSCF/yr
Drilling Engines:																
G-6A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
G-6B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
G-6C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	N/A	MMSCF/yr
Drilling ICE Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.00	126.72	MMSCF/yr
Diesel Backup Generator	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	4,300	Gal/yr
Tanks Throughputs																
T-3A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.000	20	MBllyr
T-3B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.000	20	MBllyr
V-8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.000	3960	MBllyr
Solvent Usage																
Z-Sol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	N/A	Tons/yr ROC at 1.64 lbs/MGal
Enviro-Del	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	N/A	Tons/yr ROC at 6.43 lbs/MGal
Total Solvents	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	4.45	Tons/yr ROC
Total Coatings																
Boats:																
Crew Boat Fuel:	3,885.0	2,802.0	2,564.0	3,451.0	2,504.0	2,493.0	2,137.2	2,081.0	2,180.8	4,781.0	6,336.4	4,098.4	Gal/mo	39,316	N/A	Gal/yr
Work Boat Fuel:	2,873.0	2,263.0	2,071.0	2,787.0	2,382.0	2,014.0	1,870.1	1,117.0	1,068.2	1,431.0	1,949.9	0.0	Gal/mo	21,826	N/A	Gal/yr
Total Boat Fuel:	6,758.0	5,065.0	4,635.0	6,238.0	4,886.0	4,507.0	4,007.3	3,198.0	3,249.0	6,212.0	8,286.3	4,098.4	Gal/mo	61,142	96,792	Gal/yr^c
Boat Emissions: tons																
ROC	0.11	0.08	0.08	0.10	0.08	0.07	0.07	0.05	0.05	0.10	0.14	0.07	Tons/mo	1.01	1.90	Tons/yr at 33.15 lbs/MGal
NOx	1.90	1.42	1.30	1.75	1.37	1.26	1.12	0.90	0.91	1.74	2.32	1.15	Tons/mo	17.15	32.11	Tons/yr at 561.00 lbs/MGal
PM	0.11	0.08	0.08	0.10	0.08	0.08	0.07	0.05	0.05	0.10	0.13	0.07	Tons/mo	1.02	1.92	Tons/yr at 33.50 lbs/MGal
SOx	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.02	0.03	0.02	Tons/mo	0.23	0.42	Tons/yr at 7.50 lbs/MGal
CO	0.34	0.26	0.24	0.32	0.25	0.23	0.20	0.16	0.17	0.32	0.42	0.21	Tons/mo	3.12	5.84	Tons/yr at 102.00 lbs/MGal

^a Without producing wells, crane limit is 13,344 gal/yr, with any producing wells, limit is 7,344 gal/yr

^b Permit Limit for 7.05 MMSCF/yr for HP and 0.14 MMSCF/yr for LP

^c Boat fuel usage is tracked at Platform Gail (PTO No. 1494)

Platform Grace
PTO No. 1493 Equipment Usage
Rolling 12-Months Ending:
Jul-11

Equipment	Aug-10	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Monthly Units	12-Month Total	Permit Limit	12 Mo & Permit Units
Cranes:																
North Crane	0.0	0.0	99.0	162.0	143.0	126.0	165.6	130.0	166.0	292.0	172.0	691.0	Gal/mo	2,146.6	N/A	Gal/yr
South Crane	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	56.0	0.0	66.0	112.0	Gal/mo	264.0	N/A	Gal/yr
Crane Total	0.0	0.0	99.0	162.0	143.0	126.0	195.6	130.0	222.0	292.0	238.0	803.0	Gal/mo	2,411	13,344	Gal/yr^a
Flare Gas Consumption:																
Planned (HP+LP)	177.0	180.0	119.0	196.0	227.0	142.0	166.0	227.0	212.0	263.0	233.0	222.0	MSCF/mo	2,36	N/A	MMSCF/yr
Unplanned (HP+LP)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,690.0	592.0	0.0	0.0	MSCF/mo	2.24	N/A	MMSCF/yr
Pilot Purge (HP+LP)																
Flare Gas Total	177.0	180.0	119.0	196.0	227.0	142.0	166.0	227.0	1,892.0	825.0	233.0	222.0	MSCF/mo	4.61	7.19	MMSCF/yr^b
Generators:																
G2 (Emergency)	0.0	0.0	825.0	0.0	0.0	80.0	871.0	165.0	130.0	120.0	45.0	45.0	Gal/mo	2,281.00	55,900	Gal/yr
G3	0.0	0.0	0.0	2.2	0.0	0.0	0.4	0.2	0.0	0.0	0.0	0.0	MMSCF/mo	5.01	51.10	MMSCF/yr
48 BHP Starter Engine	0.0	0.0	6.1	7.3	0.0	3.5	3.0	8.0	8.0	16.8	11.0	0.0	Gal/mo	55.70	7,315	Gal/yr
P-19 Firewater Pump	0.0	0.0	0.0	5.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	7.0	Gal/mo	21.00	Exempt	Gal/yr
Portable Equipment	0.0	125.0	0.0	0.0	10.0	0.0	47.0	89.0	69.0	96.0	69.0	42.0	Gal/mo	925.00	Exempt	Gal/yr
Production Engines																
G-1A	784.6	1,513.3	924.4	0.0	0.0	0.0	0.0	331.0	1,956.5	1,006.7	1,420.1	3,060.1	MSCF/mo	10,996.70	N/A	MMSCF/yr
G-1B	974.9	563.2	371.6	0.0	201.1	2,484.1	1,646.5	1,949.2	612.2	1,719.2	1,142.4	54.5	MSCF/mo	11,718.85	N/A	MMSCF/yr
Production ICE Total	1,759.5	2,076.5	1,296.0	0.0	201.1	2,484.1	1,646.5	2,290.2	2,568.7	2,725.9	2,562.5	3,114.6	MSCF/mo	22.72	60.00	MMSCF/yr
Drilling Engines																
G-6A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	MMSCF/mo	1.07	N/A	MMSCF/yr
G-6B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	MMSCF/mo	0.41	N/A	MMSCF/yr
G-6C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	MMSCF/mo	1.07	N/A	MMSCF/yr
Drilling ICE Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	MMSCF/mo	2.55	126.72	MMSCF/yr
Diesel Backup Generator																
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	4,300	Gal/yr
Tanks Throughputs																
T-3A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.000	20	MBbl/yr
T-3B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.000	20	MBbl/yr
V-8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Bbls/mo	0.000	3960	MBbl/yr
Solvent Usage																
Z-Sol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	Gal/mo	0.04	N/A	Tons/yr ROC at 1.64 lb/gal
Enviro-Diel	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	N/A	Tons/yr ROC at 6.43 lb/gal
Total Solvents	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	Gal/mo	0.04	4.45	Tons/yr ROC
Total Coatings																
Boats:																
Crew Boat Fuel:	2,802.0	2,564.0	3,451.0	2,504.0	2,493.0	2,137.2	2,081.0	2,180.8	4,781.0	6,338.4	4,096.4	7,758.8	Gal/mo	43,190	N/A	Gal/yr
Work Boat Fuel:	2,263.0	2,071.0	2,787.0	2,382.0	2,014.0	1,670.1	1,117.0	1,068.2	1,431.0	1,949.9	0.0	2,127.7	Gal/mo	21,081	N/A	Gal/yr
Total Boat Fuel:	5,065.0	4,635.0	6,238.0	4,886.0	4,507.0	4,007.3	3,198.0	3,249.0	6,212.0	8,288.3	4,096.4	9,886.5	Gal/mo	64,270	96,792	Gal/yr^c
Boat Emissions: tons																
ROC	0.08	0.08	0.10	0.08	0.07	0.07	0.05	0.05	0.10	0.14	0.07	0.16	Tons/mo	1.07	1.90	Tons/yr at 33.15 lbs/MGal
NOx	1.42	1.30	1.75	1.37	1.26	1.12	0.90	0.91	1.74	2.32	1.15	2.77	Tons/mo	18.03	32.11	Tons/yr at 561.00 lbs/MGal
PM	0.08	0.08	0.10	0.08	0.08	0.07	0.05	0.05	0.10	0.14	0.07	0.17	Tons/mo	1.06	1.92	Tons/yr at 33.50 lbs/MGal
SOx	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.02	0.03	0.02	0.04	Tons/mo	0.24	0.42	Tons/yr at 7.50 lbs/MGal
CO	0.26	0.24	0.32	0.25	0.23	0.20	0.16	0.17	0.32	0.42	0.21	0.50	Tons/mo	3.28	5.84	Tons/yr at 102.00 lbs/MGal

^a Without producing wells, crane limit is 13,344 gal/yr; with any producing wells, limit is 7,344 gal/yr

^b Permit Limit for 7.05 MMSCF/yr for HP and 0.14 MMSCF/yr for LP

^c Boat fuel usage is tracked at Platform Gall (PTO No. 1494)

Platform Grace
PTO No. 1493 Equipment Usage
Rolling 12-Months Ending:
Aug-11

Equipment	Sep-10	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
Cranes:																
North Crane	0.0	99.0	162.0	143.0	126.0	165.6	130.0	166.0	292.0	172.0	691.0	582.0	Gal/mo	2,728.6	N/A	Gallyr
South Crane	0.0	0.0	0.0	0.0	0.0	30.0	0.0	56.0	0.0	66.0	112.0	57.0	Gal/mo	321.0	N/A	Gallyr
Crane Total	0.0	99.0	162.0	143.0	126.0	195.6	130.0	222.0	292.0	238.0	803.0	639.0	Gal/mo	3,050	13,344	Gallyr^a
Flare Gas Consumption:																
Planned (HP+LP)	180.0	119.0	196.0	227.0	142.0	166.0	227.0	212.0	263.0	233.0	222.0	145.0	MSCF/mo	2.33	N/A	MMSCF/yr
Unplanned (HP+LP)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,680.0	562.0	0.0	0.0	0.0	MSCF/mo	2.24	N/A	MMSCF/yr
Pilot Purge (HP+LP)																
Flare Gas Total	180.0	119.0	196.0	227.0	142.0	166.0	227.0	1,892.0	825.0	233.0	222.0	145.0	MSCF/mo	4.57	7.19	MMSCF/yr^b
Generators:																
G2 (Emergency)	0.0	825.0	0.0	0.0	80.0	871.0	165.0	130.0	120.0	45.0	45.0	0.0	Gal/mo	2,281.00	55,900	Gallyr
G3	0.0	0.0	2.2	2.2	0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	5.01	51.10	MMSCF/yr
48 BHP Starter Engine	0.0	6.1	7.3	0.0	3.5	3.0	8.0	8.0	16.8	11.0	0.0	5.0	Gal/mo	60.70	7,315	Gallyr
P-19 Firewater Pump	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	Gal/mo	21.00	Exempt	Gallyr
Portable Equipment	125.0	0.0	0.0	10.0	0.0	47.0	89.0	69.0	96.0	69.0	420.0	80.5	Gal/mo	1,005.50	Exempt	Gallyr
Production Engines																
G-1A	1,513.3	524.4	0.0	0.0	0.0	0.0	331.0	1,596.5	1,006.7	1,420.1	3,060.1	3,033.8	MSCF/mo	13,245.90	N/A	MMSCF/yr
G-1B	563.2	371.6	0.0	201.1	2,484.1	1,646.5	1,949.2	612.2	1,719.2	1,142.4	54.5	267.9	MSCF/mo	11,011.85	N/A	MMSCF/yr
Production ICE Total	2,076.5	1,296.0	0.0	201.1	2,484.1	1,646.5	2,280.2	2,568.7	2,725.9	2,562.5	3,114.6	3,301.7	MSCF/mo	24.26	60.00	MMSCF/yr
Drilling Engines																
G-6A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.4	MMSCF/mo	1.51	N/A	MMSCF/yr
G-6B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.5	MMSCF/mo	0.90	N/A	MMSCF/yr
G-6C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.5	MMSCF/mo	1.55	N/A	MMSCF/yr
Drilling ICE Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	1.4	MMSCF/mo	3.96	126.72	MMSCF/yr
Diesel Backup Generator	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	4,300	Gallyr
Tanks Throughputs																
T-3A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	350.5	Bbls/mo	0.351	20	MBbl/yr
T-3B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	350.5	Bbls/mo	0.351	20	MBbl/yr
V-8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	701.0	Bbls/mo	0.701	3960	MBbl/yr
Solvent Usage																
Z-Sol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	50.0	Gal/mo	0.08	N/A	Tons/yr ROC at 1.64 lb/gal
Enviro-Del	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	N/A	Tons/yr ROC at 6.43 lb/gal
Total Solvents																
Total Coatings																
Boats:																
Crew Boat Fuel:	2,564.0	3,451.0	2,504.0	2,493.0	2,137.2	2,081.0	2,180.8	4,781.0	6,338.4	4,098.4	7,758.8	7,229.8	Gal/mo	47,617	N/A	Gallyr
Work Boat Fuel:	2,071.0	2,767.0	2,382.0	2,014.0	1,870.1	1,117.0	1,068.2	1,431.0	1,949.9	0.0	2,127.7	1,959.5	Gal/mo	20,777	N/A	Gallyr
Total Boat Fuel:	4,635.0	6,238.0	4,886.0	4,507.0	4,007.3	3,198.0	3,249.0	6,212.0	8,288.3	4,098.4	9,886.5	9,189.3	Gal/mo	68,395	96,792	Gallyr^c
Boat Emissions: tons																
ROC	0.08	0.10	0.08	0.07	0.07	0.05	0.05	0.10	0.14	0.07	0.16	0.15	Tons/mo	1.13	1.90	Tons/yr at 33.15 lbs/MMGal
NOx	1.30	1.75	1.37	1.26	1.12	0.90	0.91	1.74	2.32	1.15	2.77	2.58	Tons/mo	19.18	32.11	Tons/yr at 561.00 lbs/MMGal
PM	0.08	0.10	0.08	0.08	0.07	0.05	0.05	0.10	0.14	0.07	0.17	0.15	Tons/mo	1.15	1.92	Tons/yr at 33.50 lbs/MMGal
SOx	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.02	0.03	0.02	0.04	0.03	Tons/mo	0.26	0.42	Tons/yr at 7.50 lbs/MMGal
CO	0.24	0.32	0.25	0.23	0.20	0.16	0.17	0.32	0.42	0.21	0.50	0.47	Tons/mo	3.49	5.84	Tons/yr at 102.00 lbs/MMGal

^a Without producing wells, crane limit is 13,344 gallyr; with any producing wells, limit is 7,344 gallyr

^b Permit Limit for 7.05 MMSCF/yr for HP and 0.14 MMSCF/yr for LP

^c Boat fuel usage is tracked at Platform Gall (PTO No. 1494)

Platform Grace
PTO No. 1493 Equipment Usage
Rolling 12-Months Ending:
Sep-11

Equipment	Oct-10	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Monthly Units	12-Month Total	Permit Limit	12-Mo. & Permit Units
Cranes:																
North Crane	99.0	162.0	143.0	125.0	155.5	130.0	165.0	292.0	172.0	691.0	562.0	103.5	Galmo	2,832.1	N/A	Gal/yr
South Crane	0.0	0.0	0.0	0.0	30.0	0.0	56.0	0.0	66.0	112.0	57.0	74.0	Galmo	395.0	N/A	Gal/yr
Crane Total	99.0	162.0	143.0	125.0	195.5	130.0	221.0	292.0	238.0	803.0	639.0	177.5	Galmo	3,227	13,344	Gal/yr^a
Flare Gas Consumption:																
Planned (HP+LP)	119.0	196.0	227.0	142.0	166.0	227.0	212.0	263.0	233.0	222.0	145.0	73.0	MSCF/mo	2.23	N/A	MMSCF/yr
Unplanned (HP+LP)	0.0	0.0	0.0	0.0	0.0	0.0	1,860.0	562.0	0.0	0.0	0.0	0.0	MSCF/mo	2.24	N/A	MMSCF/yr
Pilot Purge (HP+LP)																
Flare Gas Total	119.0	196.0	227.0	142.0	166.0	227.0	1,892.0	825.0	233.0	222.0	145.0	73.0	MSCF/mo	4.47	7.19	MMSCF/yr^b
Generators:																
G2 (Emergency)	825.0	0.0	0.0	80.0	871.0	165.0	130.0	120.0	45.0	45.0	0.0	0.0	Galmo	2,281.00	65,900	Gal/yr
G3	0.0	2.2	2.2	0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	5.02	51.10	MMSCF/yr
48 BHP Starter Engine	6.1	7.3	0.0	3.5	3.0	0.0	8.0	16.8	11.0	0.0	5.0	4.0	Galmo	64.70	7,315	Gal/yr
P-19 Firewater Pump	0.0	5.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	7.0	0.0	5.0	Galmo	26.00	Exempt	Gal/yr
Portable Equipment	0.0	0.0	10.0	0.0	47.0	89.0	69.0	96.0	69.0	420.0	60.5	127.5	Galmo	1,008.00	Exempt	Gal/yr
Production Engines																
G-1A	924.4	0.0	0.0	0.0	0.0	331.0	1,956.5	1,006.7	1,420.1	3,050.1	3,033.8	1,294.9	MSCF/mo	13,027.50	N/A	MMSCF/yr
G-1B	371.6	0.0	201.1	2,484.1	1,646.5	1,949.2	612.2	1,719.2	1,142.4	54.5	267.9	1,856.5	MSCF/mo	12,305.15	N/A	MMSCF/yr
Production ICE Total	1,296.0	0.0	201.1	2,484.1	1,646.5	2,280.2	2,568.7	2,725.9	2,562.5	3,114.6	3,301.7	3,151.4	MSCF/mo	25.33	60.00	MMSCF/yr
Drilling Engines																
G-6A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.4	0.4	MMSCF/mo	1.51	N/A	MMSCF/yr
G-6B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.5	0.5	MMSCF/mo	0.90	N/A	MMSCF/yr
G-6C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	MMSCF/mo	1.55	N/A	MMSCF/yr
Drilling ICE Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	1.4	0.9	MMSCF/mo	3.96	126.72	MMSCF/yr
Diesel Backup Generator	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Galmo	0.00	4,300	Gal/yr
Tanks Throughputs																
T-3A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	350.5	1,020.5	Bbls/mo	1,371	20	MBbl/yr
T-3B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	350.5	1,020.5	Bbls/mo	1,371	20	MBbl/yr
T-8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	701.0	2,041.0	Bbls/mo	2,742	3960	MBbl/yr
Solvent Usage																
Z-Sol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	50.0	0.0	Galmo	0.08	N/A	Tons/yr ROC at 1.64 lb/gal
Enviro-Diel	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Galmo	0.00	N/A	Tons/yr ROC at 6.43 lb/gal
Total Solvents	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	50.0	0.0	Galmo	0.08	4.46	Tons/yr ROC
Total Coolings																
Boats:																
Crew Boat Fuel:	3,451.0	2,504.0	2,453.0	2,137.2	2,081.0	2,180.8	4,781.0	6,338.4	4,098.4	7,758.8	7,239.8	1,483.2	Galmo	46,537	N/A	Gal/yr
Work Boat Fuel:	2,787.0	2,382.0	2,014.0	1,870.1	1,117.0	1,068.2	1,431.0	1,949.9	0.0	2,127.7	1,959.5	1,297.8	Galmo	20,004	N/A	Gal/yr
Total Boat Fuel:	6,238.0	4,886.0	4,507.0	4,007.3	3,198.0	3,249.0	6,212.0	8,288.3	4,098.4	9,886.5	9,199.3	2,781.0	Galmo	66,541	96,792	Gal/yr^c
Boat Emissions: tons																
ROC	0.10	0.08	0.07	0.07	0.05	0.05	0.10	0.14	0.07	0.16	0.15	0.05	Tons/mo	1.10	1.90	Tons/yr at 33.15 lbs/MGal
NOx	1.75	1.37	1.25	1.12	0.90	0.91	1.74	2.32	1.15	2.77	2.58	0.78	Tons/mo	18.66	32.11	Tons/yr at 581.00 lbs/MGal
PM	0.10	0.08	0.08	0.07	0.05	0.05	0.10	0.14	0.07	0.17	0.15	0.05	Tons/mo	1.11	1.92	Tons/yr at 33.50 lbs/MGal
SOx	0.02	0.02	0.02	0.02	0.01	0.01	0.02	0.03	0.02	0.04	0.03	0.01	Tons/mo	0.25	0.42	Tons/yr at 7.50 lbs/MGal
CO	0.32	0.25	0.23	0.20	0.16	0.17	0.32	0.42	0.21	0.50	0.47	0.14	Tons/mo	3.39	5.84	Tons/yr at 102.00 lbs/MGal

^a Without producing wells, crane limit is 13,344 gal/yr; with any producing wells, limit is 7,344 gal/yr

^b Permit limit for is 7.05 MMSCF/yr for HP and 0.14 MMSCF/yr for LP

^c Boat fuel usage is tracked at Platform Gail (PTO No. 1494)

Platform Grace
PTO No. 1493 Equipment Usage
Rolling 12-Months Ending:
Oct-11

Equipment	Nov-10	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
Cranes:																
North Crane	162.0	143.0	126.0	165.6	130.0	166.0	292.0	172.0	691.0	502.0	103.5	103.0	Gal/mo	2,836.1	N/A	Gal/yr
South Crane	0.0	0.0	0.0	30.0	0.0	56.0	0.0	66.0	112.0	57.0	74.0	0.0	Gal/mo	395.0	N/A	Gal/yr
Crane Total	162.0	143.0	126.0	195.6	130.0	222.0	292.0	238.0	803.0	639.0	177.5	103.0	Gal/mo	3,231	13,344	Gal/yr^a
Flare Gas Consumption:																
Planned (HP+LP)	196.0	227.0	142.0	166.0	227.0	212.0	263.0	233.0	222.0	145.0	73.0	180.0	MSCF/mo	2,29	N/A	MMSCF/yr
Unplanned (HP+LP)	0.0	0.0	0.0	0.0	0.0	1,660.0	562.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	2.24	N/A	MMSCF/yr
Pilot Purge (HP+LP)	Pilot Purge is accounted for in calculation of Planned Flaring (Meter GR-81 - Meter GR-83)															
Flare Gas Total	196.0	227.0	142.0	166.0	227.0	1,892.0	825.0	233.0	222.0	145.0	73.0	180.0	MSCF/mo	4.53	7.19	MMSCF/yr^b
Generators:																
G2 (Emergency)	0.0	0.0	80.0	871.0	165.0	130.0	120.0	45.0	45.0	0.0	0.0	0.0	Gal/mo	1,456.00	55,900	Gal/yr
G3	2.2	2.2	0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	5.00	51.10	MMSCF/yr
48 BHP Starter Engine	7.3	0.0	3.5	3.0	0.0	8.0	16.8	11.0	0.0	5.0	4.0	0.0	Gal/mo	58.60	7,315	Gal/yr
P-19 Firewater Pump	5.0	0.0	0.0	9.0	0.0	0.0	0.0	7.0	0.0	0.0	5.0	0.0	Gal/mo	26.00	Exempt	Gal/yr
Portable Equipment	0.0	10.0	0.0	47.0	89.0	69.0	96.0	69.0	420.0	80.5	127.5	0.0	Gal/mo	1,008.00	Exempt	Gal/yr
Production Engines																
G-1A	0.0	0.0	0.0	0.0	331.0	1,556.5	1,006.7	1,420.1	3,060.1	3,033.8	1,294.9	1,420.7	MSCF/mo	13,523.80	N/A	MMSCF/yr
G-1B	0.0	201.1	2,484.1	1,646.5	1,949.2	612.2	1,719.2	1,142.4	54.5	267.9	1,855.5	1,550.5	MSCF/mo	13,484.05	N/A	MMSCF/yr
Production ICE Total	0.0	201.1	2,484.1	1,646.5	2,280.2	2,568.7	2,725.9	2,562.5	3,114.5	3,301.7	3,181.4	2,971.2	MSCF/mo	27.01	60.00	MMSCF/yr
Drilling Engines																
G-6A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.4	0.0	0.0	MMSCF/mo	1.51	N/A	MMSCF/yr
G-6B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.5	0.0	0.0	MMSCF/mo	0.90	N/A	MMSCF/yr
G-6C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.5	0.0	0.0	MMSCF/mo	1.55	N/A	MMSCF/yr
Drilling ICE Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	1.4	0.0	0.0	MMSCF/mo	3.96	126.72	MMSCF/yr
Diesel Backup Generator																
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	4,300	Gal/yr
Tanks Throughputs																
T-3A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	350.5	1,020.5	645.5	Bbls/mo	2,017	20	MBl/yr
T-3B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	350.5	1,020.5	645.5	Bbls/mo	2,017	20	MBl/yr
V-8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	701.0	2,041.0	1,291.0	Bbls/mo	4,033	3960	MBl/yr
Solvent Usage																
Z-Sol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	50.0	0.0	0.0	Gal/mo	0.08	N/A	Tons/yr ROC at 1.64 lbs/gal
Enviro-Del	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	N/A	Tons/yr ROC at 6.43 lbs/gal
Total Solvents	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	50.0	0.0	0.0	Gal/mo	0.08	4.45	Tons/yr ROC
Total Coatings	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	Exempt	Gal/yr
Boats:																
Crew Boat Fuel:	2,504.0	2,493.0	2,137.2	2,061.0	2,180.8	4,781.0	6,336.4	4,098.4	7,756.8	7,229.8	1,483.2	6,485.0	Gal/mo	49,571	N/A	Gal/yr
Work Boat Fuel:	2,362.0	2,014.0	1,870.1	1,117.0	1,068.2	1,431.0	1,949.9	0.0	2,127.7	1,959.5	1,297.8	1,055.4	Gal/mo	18,272	N/A	Gal/yr
Total Boat Fuel:	4,866.0	4,507.0	4,007.3	3,198.0	3,249.0	6,212.0	8,286.3	4,098.4	9,886.5	9,189.3	2,781.0	7,540.4	Gal/mo	67,843	96,792	Gal/yr^c
Boat Emissions: tons	0.08	0.07	0.07	0.05	0.05	0.10	0.14	0.07	0.16	0.15	0.05	0.12	Tons/mo	1.12	1.90	Tons/yr at 33.15 lbs/MGal
NOx	1.37	1.26	1.12	0.90	0.91	1.74	2.32	1.15	2.77	2.58	0.78	2.12	Tons/mo	19.03	32.11	Tons/yr at 561.00 lbs/MGal
PM	0.08	0.08	0.07	0.05	0.05	0.10	0.14	0.07	0.17	0.15	0.05	0.13	Tons/mo	1.14	1.92	Tons/yr at 33.50 lbs/MGal
SOx	0.02	0.02	0.02	0.01	0.01	0.02	0.03	0.02	0.04	0.03	0.01	0.03	Tons/mo	0.25	0.42	Tons/yr at 7.50 lbs/MGal
CO	0.25	0.23	0.20	0.16	0.17	0.32	0.42	0.21	0.50	0.47	0.14	0.38	Tons/mo	3.46	5.84	Tons/yr at 102.00 lbs/MGal

^a Without producing wells, crane limit is 13,344 gal/yr, with any producing wells, limit is 7,344 gal/yr

^b Permit Limit for 7.05 MMSCF/yr for HP and 0.14 MMSCF/yr for LP

^c Boat fuel usage is tracked at Platform Gas (PTO No. 1494)

Platform Grace
PTO No. 1493 Equipment Usage
Rolling 12-Months Ending:
Nov-11

Equipment	Dec-10	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
Cranes:																
North Crane	143.0	126.0	165.6	130.0	166.0	292.0	172.0	691.0	592.0	103.5	103.0	531.7	Gallmo	3,205.8	N/A	Gallyr
South Crane	0.0	0.0	30.0	0.0	56.0	0.0	56.0	112.0	57.0	74.0	0.0	74.0	Gallmo	469.0	N/A	Gallyr
Crane Total	143.0	126.0	195.6	130.0	222.0	292.0	238.0	803.0	639.0	177.5	103.0	606.7	Gallmo	3,675	13,344	Gallyr^a
Flare Gas Consumption:																
Planned (HP+LP)	227.0	142.0	166.0	227.0	212.0	263.0	233.0	222.0	145.0	73.0	180.0	220.0	MSCF/mo	2.31	N/A	MMSCF/yr
Unplanned (HP+LP)	0.0	0.0	0.0	0.0	1,660.0	562.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	2.24	N/A	MMSCF/yr
Pilot Purge (HP+LP)																
Flare Gas Total	227.0	142.0	166.0	227.0	1,892.0	825.0	233.0	222.0	145.0	73.0	180.0	220.0	MSCF/mo	4.55	7.19	MMSCF/yr^b
Generators:																
G2 (Emergency)	0.0	80.0	871.0	165.0	130.0	120.0	45.0	45.0	0.0	0.0	0.0	60.0	Gallmo	1,516.00	55,900	Gallyr
G3	2.2	0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	2.79	51.10	MMSCF/yr
48 BHP Starter Engine	0.0	3.5	3.0	8.0	16.8	0.0	11.0	4.0	5.0	4.0	0.0	6.0	Gallmo	67.30	7,315	Gallyr
P-19 Firewater Pump	0.0	0.0	9.0	0.0	0.0	0.0	0.0	7.0	0.0	5.0	0.0	5.0	Gallmo	26.00	Exempt	Gallyr
Portable Equipment	10.0	0.0	47.0	89.0	69.0	96.0	69.0	420.0	80.5	127.5	0.0	29.0	Gallmo	1,037.00	Exempt	Gallyr
Production Engines																
G-1A	0.0	0.0	0.0	331.0	1,956.5	1,006.7	1,420.1	3,060.1	3,033.8	1,294.9	1,420.7	136.4	MSCF/mo	13,660.20	N/A	MMSCF/yr
G-1B	201.1	2,484.1	1,646.5	1,949.2	612.2	1,719.2	1,142.4	54.5	267.9	1,856.5	1,550.5	3,086.7	MSCF/mo	16,582.75	N/A	MMSCF/yr
Production ICE Total	201.1	2,484.1	1,646.5	2,280.2	2,568.7	2,725.9	2,562.5	3,114.6	3,301.7	3,151.4	2,971.2	3,235.1	MSCF/mo	30.24	60.00	MMSCF/yr
Drilling Engines																
G-6A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.4	0.0	0.0	0.3	MMSCF/mo	1.84	N/A	MMSCF/yr
G-6B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.5	0.0	0.0	0.3	MMSCF/mo	1.23	N/A	MMSCF/yr
G-6C	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.5	0.0	0.0	0.7	MMSCF/mo	1.55	N/A	MMSCF/yr
Drilling ICE Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	1.4	0.0	0.0	0.7	MMSCF/mo	4.62	126.72	MMSCF/yr
Diesel Backup Generator																
	0.0												Gallmo	0.00	4,300	Gallyr
Tanks Throughputs																
T-3A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	350.5	1,020.5	645.5	17.0	Bbls/mo	2,034	20	MBbl/yr
T-3B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	350.5	1,020.5	645.5	17.0	Bbls/mo	2,034	20	MBbl/yr
V-8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	701.0	2,041.0	1,291.0	34.0	Bbls/mo	4,067	3,950	MBbl/yr
Solvent Usage																
Z-Sol	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	50.0	0.0	0.0	0.0	Gallmo	0.08	N/A	Tons/yr ROC at 1.64 lb/gal
Enviro-Diel	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gallmo	0.00	N/A	Tons/yr ROC at 6.43 lb/gal
Total Solvents	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	50.0	0.0	0.0	0.0	Gallmo	0.08	4.45	Tons/yr ROC
Total Coatings																
													Gallmo	0.00	Exempt	Gallyr
Boats:																
Crew Boat Fuel:	2,493.0	2,137.2	2,081.0	2,180.8	4,781.0	6,338.4	4,098.4	7,758.8	7,229.8	1,483.2	6,485.0	5,623.8	Gallmo	52,690	N/A	Gallyr
Work Boat Fuel:	2,014.0	1,870.1	1,117.0	1,068.2	1,431.0	1,949.9	0.0	2,127.7	1,959.5	1,297.8	1,054.4	1,693.5	Gallmo	17,584	N/A	Gallyr
Total Boat Fuel:	4,507.0	4,007.3	3,198.0	3,249.0	6,212.0	8,288.3	4,098.4	9,886.5	9,189.3	2,781.0	7,540.4	7,317.3	Gallmo	70,274	96,792	Gallyr^c
Boat Emissions: tons																
ROC	0.07	0.07	0.05	0.05	0.10	0.14	0.07	0.16	0.15	0.05	0.12	0.12	Tons/mo	1.16	1.90	Tons/yr at 33.15 lbs/MGal
NOx	1.26	1.12	0.90	0.91	1.74	2.32	1.15	2.77	2.58	0.78	2.12	2.05	Tons/mo	19.71	32.11	Tons/yr at 561.00 lbs/MGal
PM	0.08	0.07	0.05	0.05	0.10	0.14	0.07	0.16	0.15	0.05	0.12	0.12	Tons/mo	1.18	1.92	Tons/yr at 33.50 lbs/MGal
SOx	0.02	0.02	0.01	0.01	0.02	0.03	0.02	0.04	0.03	0.01	0.03	0.03	Tons/mo	0.26	0.42	Tons/yr at 7.50 lbs/MGal
CO	0.23	0.20	0.16	0.17	0.32	0.42	0.21	0.50	0.47	0.14	0.38	0.37	Tons/mo	3.58	5.84	Tons/yr at 102.00 lbs/MGal

^a Without producing wells, crane limit is 13,344 gallyr. with any producing wells, limit is 7,344 gal/yr

^b Permit Limit for is 7.05 MMSCF/yr for HP and 0.14 MMSCF/yr for LP

^c Boat fuel usage is tracked at Platform Gail (PTO No. 1494)

Platform Grace
PTO No. 1493 Equipment Usage
Rolling 12-Months Ending:
Dec-11

Equipment	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
Cranes:																
North Crane	128.0	185.6	130.0	166.0	292.0	172.0	691.0	562.0	103.5	103.0	531.7	132.0	Gal/mo	3,194.8	N/A	Gal/yr
South Crane	0.0	30.0	0.0	56.0	0.0	66.0	112.0	57.0	74.0	0.0	74.0	0.0	Gal/mo	469.0	N/A	Gal/yr
Crane Total	128.0	185.6	130.0	222.0	292.0	238.0	803.0	639.0	177.5	103.0	605.7	132.0	Gal/mo	3,664	13,344	Gal/yr^a
Flare Gas Consumption:																
Planned (HP+LP)	142.0	166.0	227.0	212.0	263.0	233.0	222.0	145.0	73.0	180.0	220.0	291.0	MSCF/mo	2,377	N/A	MMSCF/yr
Unplanned (HP+LP)	0.0	0.0	0.0	1,690.0	562.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MSCF/mo	2,247	N/A	MMSCF/yr
Pilot Purge (HP+LP)				Pilot Purge is accounted for in calculation of Planned Flaring (Meter GR-81 - Meter GR-83)												
Flare Gas Total	142.0	166.0	227.0	1,892.0	825.0	233.0	222.0	145.0	73.0	180.0	220.0	291.0	MSCF/mo	4,624	7,119	MMSCF/yr^b
Generators:																
G2 (Emergency)	80.0	871.0	165.0	130.0	120.0	45.0	45.0	0.0	0.0	0.0	60.0	0.0	Gal/mo	1,516.00	55,900	Gal/yr
G3	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.63	51.10	MMSCF/yr
48 BHP Starter Engine	3.5	3.0	0.0	8.0	16.8	11.0	0.0	5.0	4.0	0.0	6.0	0.0	Gal/mo	57.30	7,315	Gal/yr
P-19 Firewater Pump	0.0	9.0	0.0	0.0	0.0	7.0	0.0	5.0	0.0	0.0	5.0	0.0	Gal/mo	26.00	Exempt	Gal/yr
Portable Equipment	0.0	47.0	89.0	69.0	96.0	69.0	420.0	80.5	127.5	0.0	29.0	67.0	Gal/mo	1,094.00	Exempt	Gal/yr
Production Engines																
G-1A	0.0	0.0	331.0	1,956.5	1,006.7	1,420.1	3,050.1	3,033.8	1,294.9	1,420.7	136.4	2,081.3	MSCF/mo	15,741.45	N/A	MMSCF/yr
G-1B	2,484.1	1,646.5	1,949.2	612.2	1,719.2	1,142.4	54.5	267.9	1,856.5	1,950.5	3,099.7	490.1	MSCF/mo	16,871.70	N/A	MMSCF/yr
Production ICE Total	2,484.1	1,646.5	2,280.2	2,568.7	2,725.9	2,562.5	3,114.6	3,301.7	3,151.4	2,971.2	3,235.1	2,571.3	MSCF/mo	32,613	60,000	MMSCF/yr
Drilling Engines																
G-6A	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.4	0.0	0.0	0.3	0.0	MMSCF/mo	1.84	N/A	MMSCF/yr
G-6B	0.0	0.0	0.0	0.0	0.0	0.4	0.5	0.0	0.0	0.0	0.3	0.0	MMSCF/mo	1.23	N/A	MMSCF/yr
G-6C	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.5	0.0	0.0	0.0	0.0	MMSCF/mo	1.55	N/A	MMSCF/yr
Drilling ICE Total	0.0	0.0	0.0	0.0	0.0	0.0	2.5	1.4	0.0	0.0	0.7	0.0	MMSCF/mo	4.63	126.72	MMSCF/yr
Diesel Backup Generator																
													Gal/mo	0.00	4,300	Gal/yr
Tanks Throughputs																
T-3A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	350.5	1,020.5	645.5	17.0	885.5	Bbls/mo	2,919	20	MBbl/yr
T-3B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	350.5	1,020.5	645.5	17.0	885.5	Bbls/mo	2,919	20	MBbl/yr
V-8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	701.0	2,041.0	1,291.0	34.0	1,771.0	Bbls/mo	5,838	3960	MBbl/yr
Solvent Usage																
Z-Sol	0.0	0.0	0.0	0.0	0.0	0.0	50.0	50.0	0.0	0.0	0.0	0.0	Gal/mo	0.08	N/A	Tons/yr ROC at 1.64 lb/gal
Enviro-Diel	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	N/A	Tons/yr ROC at 6.43 lb/gal
Total Solvents	0.0	0.0	0.0	0.0	0.0	0.0	50.0	50.0	0.0	0.0	0.0	0.0	Gal/mo	0.08	4.45	Tons/yr ROC
Total Coatings																
													Gal/mo	0.00	Exempt	Gal/yr
Boats:																
Crew Boat Fuel:	2,137.2	2,061.0	2,180.8	4,781.0	6,338.4	4,098.4	7,758.8	7,229.8	1,483.2	6,485.0	5,623.8	6,440.8	Gal/mo	56,638	N/A	Gal/yr
Work Boat Fuel:	1,870.1	1,117.0	1,068.2	1,431.0	1,949.9	0.0	2,127.7	1,959.5	1,297.8	1,055.4	1,693.3	1,468.3	Gal/mo	17,038	N/A	Gal/yr
Total Boat Fuel:	4,007.3	3,198.0	3,249.0	6,212.0	8,288.3	4,098.4	9,886.5	9,189.3	2,781.0	7,540.4	7,317.3	7,909.1	Gal/mo	73,676	96,792	Gal/yr^c
Boat Emissions: tons																
ROC	0.07	0.05	0.05	0.10	0.14	0.07	0.16	0.15	0.05	0.12	0.12	0.13	Tons/mo	1.22	1.90	Tons/yr at 33.15 lbs/MMGal
NOx	1.12	0.90	0.91	1.74	2.32	1.15	2.77	2.58	0.78	2.12	2.05	2.22	Tons/mo	20.67	32.11	Tons/yr at 561.00 lbs/MMGal
PM	0.07	0.05	0.05	0.10	0.14	0.07	0.15	0.15	0.05	0.13	0.12	0.13	Tons/mo	1.23	1.92	Tons/yr at 33.50 lbs/MMGal
SOx	0.02	0.01	0.01	0.02	0.03	0.02	0.04	0.03	0.01	0.03	0.03	0.03	Tons/mo	0.28	0.42	Tons/yr at 7.50 lbs/MMGal
CO	0.20	0.16	0.17	0.32	0.42	0.21	0.50	0.47	0.14	0.36	0.37	0.40	Tons/mo	3.76	5.84	Tons/yr at 102.00 lbs/MMGal

^a Without producing wells, crane limit is 13,344 gal/yr, with any producing wells, limit is 7,344 gal/yr

^b Permit Limit for is 7.05 MMSCF/yr for HP and 0.14 MMSCF/yr for LP

^c Boat fuel usage is tracked at Platform Gail (PTO No. 1494)

Platform Grace
PTO No. 1493 Equipment Usage
Rolling 12-Months Ending:
Jan-12

Equipment	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
Cranes:																
North Crane	165.5	130.0	166.0	292.0	172.0	691.0	582.0	103.5	103.0	531.7	132.0	181.0	Gal/mo	3,249.8	N/A	Gal/yr
South Crane	30.0	0.0	56.0	0.0	66.0	112.0	74.0	74.0	0.0	74.0	0.0	58.0	Gal/mo	527.0	N/A	Gal/yr
Crane Total	195.5	130.0	222.0	292.0	238.0	803.0	656.0	177.5	103.0	605.7	132.0	239.0	Gal/mo	3,777	13,344	Gal/yr^a
Flare Gas Consumption:																
Planned (HP+LP)	166.0	227.0	212.0	263.0	233.0	222.0	145.0	73.0	180.0	220.0	291.0	132.0	MSCF/mo	2.36	N/A	MMSCF/yr
Unplanned (HP+LP)	0.0	0.0	1,680.0	562.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	327.0	MSCF/mo	2.57	N/A	MMSCF/yr
Pilot Purge (HP+LP)																
Flare Gas Total	166.0	227.0	1,892.0	825.0	233.0	222.0	145.0	73.0	180.0	220.0	291.0	459.0	MSCF/mo	4.93	7.19	MMSCF/yr^b
Generators:																
G2 (Emergency)	871.0	165.0	130.0	120.0	45.0	45.0	0.0	0.0	0.0	0.0	0.0	50.0	Gal/mo	1,486.00	55,900	Gal/yr
G3	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.63	51.10	MMSCF/yr
48 BHP Starter Engine	3.0	0.0	8.0	16.8	11.0	0.0	5.0	4.0	0.0	6.0	0.0	14.0	Gal/mo	67.80	7,315	Gal/yr
P-19 Firewater Pump	9.0	0.0	0.0	0.0	0.0	7.0	0.0	5.0	0.0	5.0	0.0	6.9	Gal/mo	32.90	Exempt	Gal/yr
Portable Equipment	47.0	89.0	69.0	96.0	69.0	420.0	80.5	127.5	0.0	29.0	67.0	60.5	Gal/mo	1,154.50	Exempt	Gal/yr
Production Engines																
G-1A	0.0	331.0	1,956.5	1,006.7	1,420.1	3,050.1	3,033.8	1,294.9	1,420.7	136.4	2,081.3	2,388.7	MSCF/mo	18,130.15	N/A	MMSCF/yr
G-1B	1,646.5	1,949.2	612.2	1,719.2	1,142.4	54.5	267.9	1,856.5	1,550.5	3,098.7	490.1	185.6	MSCF/mo	14,573.20	N/A	MMSCF/yr
Production ICE Total	1,646.5	2,280.2	2,568.7	2,725.9	2,562.5	3,114.6	3,301.7	3,151.4	2,971.2	3,235.1	2,571.3	2,574.3	MSCF/mo	32.70	60.00	MMSCF/yr
Drilling Engines																
G-6A	0.0	0.0	0.0	0.0	0.0	1.1	0.4	0.0	0.0	0.3	0.0	0.0	MMSCF/mo	1.84	N/A	MMSCF/yr
G-6B	0.0	0.0	0.0	0.0	0.0	0.4	0.5	0.0	0.0	0.3	0.0	0.0	MMSCF/mo	1.23	N/A	MMSCF/yr
G-6C	0.0	0.0	0.0	0.0	0.0	1.1	0.5	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	1.55	N/A	MMSCF/yr
Drilling ICE Total	0.0	0.0	0.0	0.0	0.0	2.5	1.4	0.0	0.0	0.7	0.0	0.0	MMSCF/mo	4.63	126.72	MMSCF/yr
Diesel Backup Generator																
Tanks Throughputs																
T-3A	0.0	0.0	0.0	0.0	0.0	0.0	350.5	1,020.5	645.5	17.0	895.5	1,492.0	Bbls/mo	4,411	20	MBlbl/yr
T-3B	0.0	0.0	0.0	0.0	0.0	0.0	350.5	1,020.5	645.5	17.0	895.5	1,492.0	Bbls/mo	4,411	20	MBlbl/yr
V-8	0.0	0.0	0.0	0.0	0.0	0.0	701.0	2,041.0	1,291.0	34.0	1,771.0	2,984.0	Bbls/mo	8,822	3960	MBlbl/yr
Solvent Usage																
Z-Sol	0.0	0.0	0.0	0.0	0.0	50.0	50.0	0.0	0.0	0.0	0.0	3.0	Gal/mo	0.08	N/A	Tons/yr ROC at 1.64 lbs/1gal
Enviro-Det	0.0	0.0	0.0	0.0	0.0	50.0	50.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	N/A	Tons/yr ROC at 6.43 lbs/1gal
Total Solvents																
Total Coatings																
Boats:																
Crew Boat Fuel:	2,081.0	2,180.8	4,781.0	6,338.4	4,098.4	7,758.8	7,229.8	1,483.2	6,485.0	5,623.8	6,440.8	5,912.6	Gal/mo	60,414	N/A	Tons/yr at 33.15 lbs/MGal
Work Boat Fuel:	1,117.0	1,068.2	1,431.0	1,949.9	0.0	2,127.7	1,959.5	1,297.8	1,055.4	1,693.5	1,468.3	1,691.4	Gal/mo	15,850	N/A	Tons/yr at 561.00 lbs/MGal
Total Boat Fuel:	3,198.0	3,249.0	6,212.0	8,288.3	4,098.4	9,886.5	9,189.3	2,781.0	7,540.4	7,317.3	7,909.1	7,604.0	Gal/mo	77,273	96,792	Gal/yr^c
Boat Emissions: tons																
ROC	0.05	0.05	0.10	0.14	0.07	0.16	0.15	0.05	0.12	0.12	0.13	0.13	Tons/mo	1.28	1.90	Tons/yr at 33.15 lbs/MGal
NOx	0.90	0.91	1.74	2.32	1.15	2.77	2.59	0.78	2.12	2.05	2.22	2.13	Tons/mo	21.68	32.11	Tons/yr at 561.00 lbs/MGal
PM	0.05	0.05	0.10	0.14	0.07	0.17	0.15	0.05	0.13	0.12	0.13	0.13	Tons/mo	1.29	1.92	Tons/yr at 33.50 lbs/MGal
SOx	0.01	0.01	0.02	0.03	0.02	0.04	0.03	0.01	0.03	0.03	0.03	0.03	Tons/mo	0.29	0.42	Tons/yr at 7.50 lbs/MGal
CO	0.16	0.17	0.32	0.42	0.21	0.50	0.47	0.14	0.38	0.37	0.40	0.39	Tons/mo	3.94	5.84	Tons/yr at 102.00 lbs/MGal

^a Without producing wells, crane limit is 13,344 gal/yr; with any producing wells, limit is 7,344 gal/yr

^b Permit Limit for is 7.05 MMSCF/yr for HP and 0.14 MMSCF/yr for LP

^c Boat fuel usage is tracked at Platform Gail (PTO No. 1494)

Platform Grace
PTO No. 1493 Equipment Usage
Rolling 12-Months Ending:
Feb-12

Equipment	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
Cranes:																
North Crane	130.0	166.0	292.0	172.0	691.0	582.0	103.5	103.0	531.7	132.0	181.0	215.0	Gal/mo	3,299.2	N/A	Gallyr
South Crane	0.0	56.0	0.0	66.0	112.0	57.0	74.0	0.0	74.0	0.0	58.0	0.0	Gal/mo	497.0	N/A	Gallyr
Crane Total	130.0	222.0	292.0	238.0	803.0	639.0	177.5	103.0	605.7	132.0	239.0	215.0	Gal/mo	3,796	13,344	Gallyr^a
Flare Gas Consumption:																
Planned (HP+LP)	227.0	212.0	263.0	233.0	222.0	145.0	73.0	180.0	220.0	291.0	132.0	125.0	MSCF/mo	2.32	N/A	MMSCF/yr
Unplanned (HP+LP)	0.0	1,690.0	592.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	327.0	273.0	MSCF/mo	2.84	N/A	MMSCF/yr
Pilot Purge (HP+LP)																
Flare Gas Total	227.0	1,892.0	825.0	233.0	222.0	145.0	73.0	180.0	220.0	291.0	469.0	398.0	MSCF/mo	5.17	7.19	MMSCF/yr^b
Generators:																
G2 (Emergency)	165.0	130.0	120.0	45.0	45.0	0.0	0.0	0.0	0.0	0.0	50.0	0.0	Gal/mo	615.00	55,900	Gallyr
G3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.22	51.10	MMSCF/yr
48 BHP Starter Engine	0.0	8.0	16.8	11.0	0.0	5.0	4.0	0.0	6.0	0.0	14.0	5.0	Gal/mo	69.80	7,315	Gallyr
P-19 Firewater Pump	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	23.90	Exempt	Gallyr
Portable Equipment	89.0	69.0	96.0	69.0	420.0	80.5	127.5	0.0	29.0	67.0	60.5	35.0	Gal/mo	1,142.50	Exempt	Gallyr
Production Engines																
G-1A	331.0	1,956.5	1,006.7	1,420.1	3,060.1	3,033.8	1,294.9	1,420.7	1,354.4	2,081.3	2,389.7	2,303.3	MSCF/mo	20,433.45	N/A	MMSCF/yr
G-1B	1,949.2	612.2	1,719.2	1,142.4	54.5	267.9	1,856.5	1,550.5	3,098.7	490.1	189.5	632.0	MSCF/mo	13,558.70	N/A	MMSCF/yr
Production ICE Total	2,280.2	2,568.7	2,725.9	2,562.5	3,114.6	3,301.7	3,151.4	2,971.2	3,236.1	2,571.3	2,574.3	2,936.3	MSCF/mo	33.99	60.00	MMSCF/yr
Drilling Engines																
G-6A	0.0	0.0	0.0	0.0	1.1	0.4	0.0	0.0	0.3	0.0	0.0	0.0	MMSCF/mo	1.84	N/A	MMSCF/yr
G-6B	0.0	0.0	0.0	0.0	0.4	0.5	0.0	0.0	0.3	0.0	0.0	0.0	MMSCF/mo	1.23	N/A	MMSCF/yr
G-6C	0.0	0.0	0.0	0.0	1.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	1.55	N/A	MMSCF/yr
Drilling ICE Total	0.0	0.0	0.0	0.0	2.5	1.4	0.0	0.0	0.7	0.0	0.0	0.0	MMSCF/mo	4.63	126.72	MMSCF/yr
Diesel Backup Generator																
Tanks Throughputs																
T-3A	0.0	0.0	0.0	0.0	0.0	350.5	1,020.5	645.5	17.0	885.5	1,492.0	1,178.0	Bbls/mo	5,589	20	MBbl/yr
T-3B	0.0	0.0	0.0	0.0	0.0	350.5	1,020.5	645.5	17.0	885.5	1,492.0	1,178.0	Bbls/mo	5,589	20	MBbl/yr
V-8	0.0	0.0	0.0	0.0	0.0	701.0	2,041.0	1,291.0	34.0	1,771.0	2,994.0	2,356.0	Bbls/mo	11,178	3960	MBbl/yr
Solvent Usage																
Z-Sol	0.0	0.0	0.0	0.0	50.0	50.0	0.0	0.0	0.0	0.0	3.0	2.0	Gal/mo	0.09	N/A	Tons/yr ROC at 1.64 lb/gal
Enviro-Det	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	N/A	Tons/yr ROC at 6.43 lb/gal
Total Solvents	0.0	0.0	0.0	0.0	50.0	50.0	0.0	0.0	0.0	0.0	3.0	2.0	Gal/mo	0.09	4.45	Tons/yr ROC
Total Coatings																
Boats:																
Crew Boat Fuel:	2,180.8	4,781.0	6,339.4	4,098.4	7,758.8	7,229.8	1,483.2	6,485.0	5,623.8	6,440.8	5,912.6	6,984.2	Gal/mo	65,317	N/A	Gallyr
Work Boat Fuel:	1,088.2	1,431.0	1,949.9	0.0	2,127.7	1,959.5	1,297.8	1,055.4	1,693.5	1,468.3	1,691.4	1,469.8	Gal/mo	17,212	N/A	Gallyr
Total Boat Fuel:	3,269.0	6,212.0	8,289.3	4,098.4	9,886.5	9,189.3	2,781.0	7,540.4	7,317.3	7,909.1	7,604.0	8,454.0	Gal/mo	82,529	96,792	Gallyr^c
Boat Emissions: tons																
ROC	0.05	0.10	0.14	0.07	0.16	0.15	0.05	0.12	0.12	0.13	0.13	0.14	Tons/mo	1.37	1.90	Tons/yr at 33.15 lbs/MMGal
NOx	0.91	1.74	2.32	1.15	2.77	2.58	0.78	2.12	2.05	2.22	2.13	2.37	Tons/mo	23.15	32.11	Tons/yr at 581.00 lbs/MMGal
PM	0.05	0.10	0.14	0.07	0.17	0.15	0.05	0.13	0.12	0.13	0.13	0.14	Tons/mo	1.38	1.92	Tons/yr at 33.00 lbs/MMGal
SOx	0.01	0.02	0.03	0.02	0.04	0.03	0.01	0.03	0.03	0.03	0.03	0.03	Tons/mo	0.31	0.42	Tons/yr at 7.50 lbs/MMGal
CO	0.17	0.32	0.42	0.21	0.50	0.47	0.14	0.38	0.37	0.40	0.39	0.43	Tons/mo	4.21	5.84	Tons/yr at 102.00 lbs/MMGal

^a Without producing wells, crane limit is 13,344 gallyr, with any producing wells, limit is 7,344 gallyr

^b Permit Limit for is 7.05 MMSCF/yr for HP and 0.14 MMSCF/yr for LP

^c Boat fuel usage is tracked at Platform Gall (PTO No. 1494)

Platform Grace
PTO No. 1493 Equipment Usage
Rolling 12-Months Ending:
Mar-12

Equipment	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Jan-12	Feb-12	Mar-12	Monthly Units	12-Month Total	Permit Limit	12-Mo & Permit Units
Cranes:																
North Crane	166.0	292.0	172.0	691.0	582.0	103.5	103.0	531.7	132.0	181.0	215.0	185.8	Gal/mo	3,355.0	N/A	Gallyr
South Crane	56.0	0.0	66.0	112.0	57.0	74.0	0.0	74.0	0.0	58.0	0.0	47.3	Gal/mo	544.3	N/A	Gallyr
Crane Total	222.0	292.0	238.0	803.0	639.0	177.5	103.0	605.7	132.0	239.0	215.0	233.1	Gal/mo	3,899	13,344	Gallyr^a
Flare Gas Consumption:																
Planned (HP+LP)	212.0	263.0	233.0	222.0	145.0	73.0	180.0	220.0	291.0	132.0	125.0	177.0	MSCF/mo	2.27	N/A	MMSCF/yr
Unplanned (HP+LP)	1,680.0	562.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	327.0	273.0	897.0	MSCF/mo	3.73	N/A	MMSCF/yr
Pilot Purge (HP+LP)																
			Pilot Purge is accounted for in calculation of Planned Flaring (Meter GR-81 - Meter GR-83)													
Flare Gas Total	1,892.0	825.0	233.0	222.0	145.0	73.0	180.0	220.0	291.0	459.0	398.0	1,064.0	MSCF/mo	6.00	7.19	MMSCF/yr^b
Generators:																
G2 (Emergency)	130.0	120.0	45.0	45.0	0.0	0.0	0.0	0.0	0.0	50.0	0.0	0.0	Gal/mo	450.00	55,900	Gallyr
G3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	0.04	51.10	MMSCF/yr
48 BHP Starter Engine	8.0	16.8	11.0	0.0	5.0	4.0	0.0	6.0	0.0	14.0	5.0	7.0	Gal/mo	76.80	7,315	Gallyr
P-19 Firewater Pump	0.0	0.0	0.0	7.0	0.0	5.0	0.0	5.0	0.0	6.9	0.0	0.0	Gal/mo	23.90	Exempt	Gallyr
Portable Equipment	69.0	96.0	69.0	420.0	60.5	127.5	0.0	29.0	67.0	60.5	35.0	80.5	Gal/mo	1,134.00	Exempt	Gallyr
Production Engines																
G-1A	1,956.5	1,006.7	1,420.1	3,060.1	3,033.8	1,294.9	1,420.7	136.4	2,081.3	2,388.7	2,303.3	2,881.9	MSCF/mo	22,984.35	N/A	MMSCF/yr
G-1B	612.2	1,719.2	1,142.4	54.5	267.9	1,856.5	1,550.5	3,098.7	490.1	185.6	632.0	0.0	MSCF/mo	11,609.50	N/A	MMSCF/yr
Production ICE Total	2,568.7	2,725.9	2,562.5	3,114.6	3,301.7	3,151.4	2,971.2	3,235.1	2,571.3	2,574.3	2,935.3	2,881.9	MSCF/mo	34.59	60.00	MMSCF/yr
Drilling Engines																
G-6A	0.0	0.0	0.0	1.1	0.4	0.0	0.0	0.3	0.0	0.0	0.0	0.0	MMSCF/mo	1.84	N/A	MMSCF/yr
G-6B	0.0	0.0	0.0	0.4	0.5	0.0	0.0	0.3	0.0	0.0	0.0	0.0	MMSCF/mo	1.23	N/A	MMSCF/yr
G-6C	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	MMSCF/mo	1.55	N/A	MMSCF/yr
Drilling ICE Total	0.0	0.0	0.0	2.5	1.4	0.0	0.0	0.7	0.0	0.0	0.0	0.0	MSCF/mo	4.63	126.72	MMSCF/yr
Diesel Backup Generator																
T-3A	0.0	0.0	0.0	0.0	350.5	1,020.5	645.5	17.0	885.5	1,492.0	1,178.0	1,557.0	Bbls/mo	7,146	20	MBbl/yr
T-3B	0.0	0.0	0.0	0.0	350.5	1,020.5	645.5	17.0	885.5	1,492.0	1,178.0	1,557.0	Bbls/mo	7,146	20	MBbl/yr
V-8	0.0	0.0	0.0	0.0	701.0	2,041.0	1,291.0	34.0	1,771.0	2,984.0	2,356.0	3,114.0	Bbls/mo	14,292	3950	MBl/yr
Solvent Usage																
Z-Sol	0.0	0.0	0.0	50.0	50.0	0.0	0.0	0.0	0.0	3.0	2.0	1.0	Gal/mo	0.09	N/A	Tons/yr ROC at 1.64 lb/gal
Enviro-Del	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	Gal/mo	0.00	N/A	Tons/yr ROC at 6.43 lb/gal
Total Solvents	0.0	0.0	0.0	50.0	50.0	0.0	0.0	0.0	0.0	3.0	2.0	1.0	Gal/mo	0.09	4.45	Tons/yr ROC
Total Coatings																
Boats:																
Crew Boat Fuel:	4,781.0	6,338.4	4,098.4	7,759.8	7,229.8	1,483.2	6,485.0	5,623.8	6,440.8	5,912.6	6,984.2	2,970.0	Gal/mo	66,006	N/A	Gallyr
Work Boat Fuel:	1,431.0	1,949.9	0.0	2,127.7	1,959.5	1,297.8	1,055.4	1,693.5	1,468.3	1,691.4	1,469.8	5,740.0	Gal/mo	21,884	N/A	Gallyr
Total Boat Fuel:	6,212.0	8,288.3	4,098.4	9,886.5	9,189.3	2,781.0	7,540.4	7,317.3	7,909.1	7,604.0	8,454.0	8,610.0	Gal/mo	87,890	96,792	Gallyr^c
Boat Emissions: tons																
ROC	0.10	0.14	0.07	0.16	0.15	0.05	0.12	0.12	0.13	0.13	0.14	0.14	Tons/mo	1.46	1.90	Tons/yr at 33.15 lbs/MGal
NOx	1.74	2.32	1.15	2.77	2.58	0.78	2.12	2.05	2.22	2.13	2.37	2.42	Tons/mo	24.56	32.11	Tons/yr at 561.00 lbs/MGal
PM	0.10	0.14	0.07	0.17	0.15	0.05	0.13	0.12	0.13	0.13	0.14	0.14	Tons/mo	1.47	1.92	Tons/yr at 33.50 lbs/MGal
SOx	0.02	0.03	0.02	0.04	0.04	0.01	0.03	0.03	0.03	0.03	0.03	0.03	Tons/mo	0.33	0.42	Tons/yr at 7.50 lbs/MGal
CO	0.32	0.42	0.21	0.50	0.47	0.14	0.38	0.37	0.40	0.39	0.43	0.44	Tons/mo	4.48	5.84	Tons/yr at 102.00 lbs/MGal

^a Without producing wells, crane limit is 13,344 gallyr, with any producing wells, limit is 7,344 gallyr

^b Permit limit for is 7.05 MMSCF/yr for HP and 0.14 MMSCF/yr for LP

^c Boat fuel usage is tracked at Platform Gali (PTO No. 1494)

ENGINE DATA FOR THE CATERPILLAR ENGINE (G-1A)

Engine Manufacturer: Caterpillar

Model No.: G-399 SI-TA HCR

Serial No.: 5VA0058

Engine Location: Turbine room, southwest corner of platform, production deck

Summary of Maintenance and Testing Reports are Included for the Following:

- Service records are attached.

Source Test Report: Please refer to the last source test report previously submitted to the District. Enclosed are summary of results.

**PLATFORM GRACE
GENERATOR SERVICE**

DATE; 8-12-2011

UNIT; G-1A

HOURS; 11882

MECHANIC: Archer, Crawford, Long

1500 HOUR SERVICE

REPLACE SPARK PLUGS: YES NO
COMMENTS: Replaced three right front bank and three left front bank with new plugs.

CHANGE & CLEAN OIL FILTERS: YES NO
COMMENTS: Installed new internal filters.

CHANGE CRANK CASE OIL: YES NO
COMMENTS:

REPLACE AIR FILTER: YES NO
COMMENTS: Also installed new pre-filters.

REMOVE, BLOW OUT AND TURN CATALYST ELEMENTS: YES NO
COMMENTS: Installed with new catalyst elements, will be sending in old for servicing.

3000 HOUR SERVICE

ACID CLEAN CATALYST ELEMENT: YES NO
COMMENTS:

REPLACE O2 SENSOR YES NO
COMMENTS: Replaced three O2 sensors.

ADDITIONAL MAINTENANCE

DATE:

HOURS:

MECHANIC :

COMMENTS:

Per APCD rules & regulation, 74.9, Stationary Internal Combustion Engine.

Condition PQ11493PC5

PLATFORM GRACE
 399 CATERPILLAR GENERATOR ENGINE (G-1A)
 DAILY CAM/RULE 74.9 MONITORING

G-1A Month: MAY Year: 2011

INITIAL NOX/CO TEST			CORRECTIVE ACTIONS		SECONDARY NOX/CO TEST			
Day	Initial Reading (ppmv @ 15%O2)		Time	Corrective Actions Taken (In the event that initial test result is greater than 5 ppmv @ 15% O2)	Nox	Secondary Reading (ppmv @ 15% O2) (if needed)	Time	Tester's Initials
	Nox	CO						
1	0	35	0:50					DG
2	0	44	1:01					DG
3	0	41	1:25					DG
4	2	22	1:43					WC
5	4	13	3:36					WC
6	0	37	4:15					WC
7	0	13	3:22					WC
8	1	41	4:32					WC
9	1	45	1:38					WC
10	1	17	0:18					WC
11				OOS				
12				OOS				
13				OOS				
14				OOS				
15				OOS				
16				OOS				
17				OOS				
18				OOS				
19				OOS				
20				OOS				
21				OOS				
22	0	11	21:22					RR
23	0	9	0:46					RR
24	0	19	0:52					RR
25	1	17	1:55					DG
26				OOS				
27				OOS				
28				OOS				
29				OOS				
30				OOS				
31				OOS				

Condition PQ11493PC5

PLATFORM GRACE
 399 CATERPILLAR GENERATOR ENGINE (G-1A)
 DAILY CAM/RULE 74.9 MONITORING

G-1A Month: JUNE Year: 2011

INITIAL NOX/CO TEST				CORRECTIVE ACTIONS		SECONDARY NOX/CO TEST			
Day	Initial Reading (ppmv @ 15%O2)		Time	Corrective Actions Taken (In the event that initial test result is greater than 5 ppmv @ 15% O2)	Nox	Secondary Reading (ppmv @ 15% O2) (if needed)	CO	Time	Tester's Initials
	Nox	CO							
1				OOS					
2				OOS					
3				OOS					
4				OOS					
5	0	18	17:28						WC
6	0	27	2:43						WC
7	1	23	2:22						WC
8	0	11	1:19						DG
9	0	24	2:07						DG
10	1	31	2:29						DG
11	2	16	2:51						DG
12	0	21	3:00						DG
13				OOS					
14				OOS					
15				OOS					
16				OOS					
17				OOS					
18				OOS					
19				OOS					
20				OOS					
21	1	11	18:09						RR
22	0	8	0:21						RR
23	1	10	3:43						JB
24	1	16	2:41						JB
25	0	57	4:01						JB
26	0	46	3:48						JB
27	0	24	2:29						JB
28	0	41	4:30						JB
29	1	33	1:17						WC
30	0	27	0:49						WC

Condition PQ11493PC5

PLATFORM GRACE
 399 CATERPILLAR GENERATOR ENGINE (G-1A)
 DAILY CAM/RULE 74.9 MONITORING

G-1A

Month:AUGUST

Year: 2011

G1-A

INITIAL NOX/CO TEST				CORRECTIVE ACTIONS	SECONDARY NOX/CO TEST				
Day	Initial Reading (ppmv @ 15%O2)		Time	Corrective Actions Taken (In the event that initial test result is greater than 5 ppmv @ 15% O2)	Nox	Secondary Reading (ppmv @ 15% O2) (if needed)		Time	Tester's Initials
	Nox	CO				CO			
1	1	24	4:00						JB
2	1	42	3:40						JB
3	2	26	3:00						JB
4	1	60	3:20						JB
5	1	38	3:41						JB
6	1	52	3:30						JB
7	0	10	4:25						JB
8	0	26	4:41						JB
9	1	56	3:55						JB
10				OOS					
11				OOS					
12				OOS					
13	0	19	7:36						WC
14	0	45	1:54						WC
15	0	63	6:31						WC
16	0	6	2:38						4
17	4	51	2:17						DG
18	2	46	2:57						DG
19	1	31	2:05						DG
20	1	28	3:47						DG
21	1	14	2:15						DG
22	1	35	2:15						DG
23	1	13	2:31						DG
24	1	14	3:03						WC
25	1	13	2:55						WL
26	0	4	1:41						WL
27	1	52	0:23						WC
28	1	25	2:53						WL
29	1	15	2:18						WL
30	1	13	1:46						WL
31	1	24	1:42						DG

Condition PQ11493PC5

PLATFORM GRACE
 399 CATERPILLAR GENERATOR ENGINE (G-1A)
 DAILY CAM/RULE 74.9 MONITORING

G-1A

Month: December

Year: 2011

INITIAL NOX/CO TEST				CORRECTIVE ACTIONS	SECONDARY NOX/CO TEST			
Day	Initial Reading (ppmv @ 15% O2)		Time	Corrective Actions Taken (In the event that initial test result is greater than 5 ppmv @ 15% O2)	Nox	Secondary Reading (ppmv @ 15% O2) (if needed)	Time	Tester's Initials
	Nox	CO						
1				Standby				
2				Standby				
3				Standby				
4	5	28	9:59					WC
5	2	46	5:05					WC
6	1	58	2:04					WC
7	3	40	2:59					DG
8	2	37	1:23					DG
9	1	37	3:19					DG
10	1	63	2:38					DG
11	2	62	3:01					DG
12	1	70	2:38					DG
13	2	62	2:41					DG
14	3	56	0:58					WL
15	3	69	1:28					WL
16	1	25	1:23					WL
17	1	8	1:07					WL
18	2	66	0:55					WL
19	5	59	0:50					WL
20	3	49	1:06					WL
21	2	40	11:51					DO
22	2	47	21:16					JB
23	1	46	6:01					JB
24	4	51	5:08					JB
25	3	3	5:03					JB
26	2	24	4:41					JB
27	3	12	1:34					JB
28	5	22	1:48					WC
29	5	38	6:03					WL
30	2	7	3:31					WC
31				Standby				

Condition PQ11493PC5

PLATFORM GRACE
 399 CATERPILLAR GENERATOR ENGINE (G-1A)
 DAILY CAM/RULE 74.9 MONITORING

G-1A Month: Jan Year: 2012

INITIAL NOX/CO TEST				CORRECTIVE ACTIONS	SECONDARY NOX/CO TEST			
Day	Initial Reading (ppmv @ 15%O2)		Time	Corrective Actions Taken (In the event that initial test result is greater than 5 ppmv @ 15% O2)	Nox	Secondary Reading (ppmv @ 15% O2) (If needed) CO	Time	Tester's Initials
	Nox	CO						
1				Standby				WC
2				Standby				WC
3	1	3	21:28					DG
4	5	35	1:36					DG
5	5	20	0:59					DG
6	1	3	2:30					DG
7	4	42	1:16					DG
8	4	44	1:43					DG
9	3	51	1:35					DG
10	3	58	2:15					DG
11	3	38	2:37					WC
12	3	56	2:16					WC
13	4	59	2:21					WC
14	2	8	4:02					WC
15	5	24	3:59					WC
16	2	17	6:00					WC
17	2	9	6:58					WC
18	3	60	5:49					WL
19	2	18	17:18					DG
20	3	37	2:43					WL
21	5	12	2:36					WL
22	2	16	2:41					WL
23	2	5	2:12					WL
24				Standby				
25				Standby				
26				Standby				
27				Standby				
28				Standby				
29				Standby				
30	1	33	22:27					JB
31	4	46	3:31					JB

Condition PQ11493PC5

PLATFORM GRACE
 773 WAUKESHA GENERATOR ENGINE (G-1A)
 DAILY CAM/RULE 74.9 MONITORING

G-1A Month: MARCH Year: 2012

INITIAL NOX/CO TEST			CORRECTIVE ACTIONS		SECONDARY NOX/CO TEST			Tester's Initials
Day	Initial Reading (ppmv @ 15% O2)		Time	Corrective Actions Taken (In the event that initial test result is greater than 5 ppmv @ 15% O2)	Nox	Secondary Reading (ppmv @ 15% O2) (If needed) CO	Time	
	Nox	CO						
1	1	6	2:27					DG
2	3	18	3:07					DG
3	4	2	3:15					DG
4	3	2	1:09					DG
5	2	5	2:07					DG
6	1	57	1:36					DG
7	1	52	5:20					WC
8	1	1	2:57					WC
9	1	1	5:06					WC
10	1	3	3:19					WC
11	2	1	19:11					WC
12	3	5	2:17					WC
13	1	2	2:45					WC
14	1	2	1:49					DG
15	2	34	1:32					DG
16	2	3	2:29					DG
17	4	48	1:46					DG
18	1	3	1:47					DG
19	1	25	1:27					DG
20	1	2	1:59					DG
21	1	6	4:30					JB
22	1	4	3:43					JB
23	1	2	3:05					JB
24	2	2	4:30					JB
25	2	2	2:22					JB
26	4	6	3:39					JB
27	1	2	2:50					JB
28	1	2	2:14					DG
29	3	33	2:18					DG
30	1	4	3:58					DG
31	1	2	1:26					DG

ENGINE DATA FOR THE CATERPILLAR (G-1B)

Engine Manufacturer: Caterpillar

Model No.: G-399 SI-TA HCR

Serial No.: 5VA00572

Engine Location: Turbine room, southwest corner of platform, production deck

Summary of Maintenance and Testing Reports are Included for the Following:

- Service records are attached.

Source Test Report: Please refer to the last source test previously submitted to the District. Enclosed are summary of results.

**PLATFORM GRACE
GENERATOR SERVICE**

DATE; 6-22-2011

UNIT; G-1B

HOURS; 11352

MECHANIC: J. Bing

1500 HOUR SERVICE

REPLACE SPARK PLUGS: YES NO
COMMENTS: _____

CHANGED OIL FILTERS: YES NO
COMMENTS: _____

CHANGE CRANK CASE OIL: YES NO
COMMENTS: _____

REPLACE AIR FILTER: YES NO
COMMENTS: Air Filters are still good

REMOVE, BLOW OUT AND TURN CATALYST ELEMENTS: YES NO
COMMENTS: _____

3000 HOUR SERVICE

ACID CLEAN CATALYST ELEMENT: YES NO
COMMENTS: _____

REPLACE O2 SENSOR YES NO
COMMENTS: _____

ADDITIONAL MAINTENANCE

DATE: HOURS: MECHANIC :

COMMENTS:

Per APCD rules & regulation, 74.9, Stationary Internal Combustion Engine.

**PLATFORM GRACE
GENERATOR SERVICE**

DATE; 12-5-2011

UNIT; G-1B

HOURS; 13089

MECHANIC: WCW Crew & Grace Ops

1500 HOUR SERVICE

REPLACE SPARK PLUGS: YES NO

COMMENTS: _____

CHANGE & CLEAN OIL FILTERS: YES NO

COMMENTS: Change oil filters

CHANGE CRANK CASE OIL: YES NO

COMMENTS: _____

REPLACE AIR FILTER: YES NO

COMMENTS: Air filter looks clean. _____ Replaced pre-filters _____

REMOVE, BLOW OUT AND TURN CATALYST ELEMENTS: YES NO

COMMENTS: _____

3000 HOUR SERVICE

ACID CLEAN CATALYST ELEMENT: YES NO

COMMENTS: _____

REPLACE O2 SENSOR YES NO

COMMENTS: _____

ADDITIONAL MAINTENANCE

DATE: HOURS: MECHANIC :

COMMENTS: After 1500hr service made half hour run check for press, temp, levels, ok.

Per APCD rules & regulation, 74.9, Stationary Internal Combustion Engine.

**PLATFORM GRACE
GENERATOR SERVICE**

DATE; Jan 2012 UNIT; G-1B

HOURS; 13266

MECHANIC: Rickman. Hayes, Quinn tech

1500 HOUR SERVICE

REPLACE SPARK PLUGS: YES__ NO__
COMMENTS: _____

CHANGE & CLEAN OIL FILTERS: YES__ NO__
COMMENTS: _____

CHANGE CRANK CASE OIL: YES__ NO__
COMMENTS: _____

REPLACE AIR FILTER: YES__ NO__
COMMENTS: _____

REMOVE, BLOW OUT AND TURN CATALYST ELEMENTS: YES__ NO__
COMMENTS: _____

3000 HOUR SERVICE

ACID CLEAN CATALYST ELEMENT: YES__ NO__
COMMENTS: _____

REPLACE O2 SENSOR YES__ NO__
COMMENTS: _____

ADDITIONAL MAINTENANCE

DATE: Jan 2012 HOURS: 13266 MECHANIC : Rickman, Hayes, Quinn

COMMENTS: Due to failing emissions and unit not carrying load:

BORESCOPED cylinders looked OK.

Compression test, not a leak down.

Replaced bad plug wires and tightened coil terminals.

Installed right FT, with new question on old valve, possibly OK.
Rebuilt final cut pressure regulators.
Installed carburetors/mixers with used from G-1C.
Installed new O2 sensors.
In process of tuning for emissions.

Per APCD rules & regulation, 74.9, Stationary Internal Combustion Engine.

Service Report



3500 Shepherd St., Whittier, CA 90601

562-463-6000

Customer	VENOCO OFFSHORE (PLATFORM GRACE)		
Site	5676 Carpenteria Ave. Carpenteria, CA.		
Date	1-20-12	Job Number	WX32
Engine M/N	G-399	Generator M/N	SR-4
Engine S/N	NO TAG	Generator S/N	NO DATA TAG
Hours	13259	Technician	Pete Quintana

Contact Jim Rickman 1-805-

Part Number	Part Name	Qty	Desc Code	Group Number	Group Name	Product Inoperable?	Descriptive Comments (20 Spaces Max)
						Y N	
						Y N	
						Y N	

Description Codes	A-Structural B-Surface	C-Leaks D-Factory Assembly	E-System Malfunction F-Factory Shipping	G-General Repair H-Adjustment	K-Serviceability N-Abuse	X-Operation Complaint
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- 1) Arrived on site, checked in and drove down to loading dock. Loaded tools needed for repair onto boat. Took boat out to platform Grace, had a meeting with the rig foreman. Unloaded tools needed for the needed repairs.
- 2) Discussed nature of problem with the customer. I was informed that the unit wasn't able to carry a load of 35% and wouldn't parallel with the other unit.
- 3) The customer also informed me that another vendor (Abacus) was recently out there. And had adjusted the engine to pass emissions with no load. The engine ran good for about two weeks now it won't carry a load.
- 4) Test ran and started to troubleshoot engine number for not carrying full load. Hooked up pressure group and started to check for proper gas pressures on the regulators. Hooked up lap top and checked for any logged codes on the air fuel ratio controller.
- 5) Found that the left fuel valve position is operating at 30% and the right valve is at 37%. Continued to check and found that one of the transformers is bad. Another one has a loose electrical connection on the base. Some of the spark plug wires are also bad, showing high resistance.
- 6) Replaced the bad wires and the transformer with new ones. Secured the loose connection on the other transformer. Continued to check and found that the carburetor diaphragms are leaking fuel mixture out, due to what appears to be bad gaskets.
- 7) Removed the left bank fuel valve in order to verify proper operation. Had to manually override the valve in order to verify proper operation. Reinstalled the fuel valve and test ran unit to allow the catalyst element to properly heat soak.

Customer

Technician

Service Report



3500 Shepherd St., Whittier, CA 90601

562-463-6000

- 8) I then started to make the necessary adjustments to the gas regulators, to get them back into specifications.
- 9) Test ran unit, monitored engine operation and made the necessary repairs to get the engine to carry the necessary load.
- 10) Both units are running in parallel mode with approximately 235 KW, which is about 38% load. Continued to monitor operation and the right bank O2 sensor voltage appears to be collapsing under loaded conditions.
- 11) The customer is requesting us to return on Monday and complete the repairs. Recommend that the carburetors be replaced with new ones, check the catalyst element and replace if needed, before our arrival on Monday.
- 12) Loaded tooling onto basket and boarded vessel for ride back to the beach. Unloaded tooling and loaded back onto service truck.
- 13) Received a phone call from the customer on Sunday informing us that we didn't need to show up on Monday. It appears that the recommendations fixed the problem.

Customer

Technician

Condition PQ11493PC5

PLATFORM GRACE
 399 CATERPILLAR GENERATOR ENGINE (G-1B)
 DAILY CAM/RULE 74.9 MONITORING

G-1B Month: APRIL Year: 2011

INITIAL NOX/CO TEST			CORRECTIVE ACTIONS			SECONDARY NOX/CO TEST		
Day	Initial Reading (ppmv @ 15%O2)		Time	Corrective Actions Taken (In the event that initial test result is greater than 5 ppmv @ 15% O2)	Nox	Secondary Reading (ppmv @ 15% O2) (if needed)		Tester's Initials
	Nox	CO				CO	Time	
1	2	2	17:46					DG
2	3	3	1:00					DG
3				OOS				
4				OOS				
5				OOS				
6				OOS				
7				OOS				
8				OOS				
9				OOS				
10				OOS				
11	0	1	15:09					RR
12	2	0	3:10					WC
13	2	1	3:36					JB
14	2	5	3:25					JB
15	3	1	3:00					JB
16				OOS				
17				OOS				
18				OOS				
19				OOS				
20				OOS				
21				OOS				
22				OOS				
23				OOS				
24				OOS				
25				OOS				
26				OOS				
27				OOS				
28				OOS				
29	4	1	2:36					DG
30	0	11	13:47					JR

Condition PQ11493PC5

PLATFORM GRACE
 399 CATERPILLAR GENERATOR ENGINE (G-1B)
 DAILY CAM/RULE 74.9 MONITORING

G-1B Month: MAY Year: 2011

INITIAL NOX/CO TEST				CORRECTIVE ACTIONS	SECONDARY NOX/CO TEST			
Day	Initial Reading (ppmv @ 15%O2)		Time	Corrective Actions Taken (In the event that initial test result is greater than 5 ppmv @ 15% O2)	Nox	Secondary Reading (ppmv @ 15% O2) (if needed)		Tester's Initials
	Nox	CO				CO	Time	
1				OOS				
2				OOS				
3				OOS				
4				OOS				
5				OOS				
6				OOS				
7				OOS				
8				OOS				
9				OOS				
10	0	29	13:01					DG
11	1	8	4:01					JB
12	2	0	3:17					JB
13	3	2	4:45					JB
14	1	2	2:40					JB
15	2	0	2:28					JB
16	1	7	4:11					JB
17	3	1	2:27					JB
18	1	1	0:41					RR
19	1	17	0:51					RR
20	1	16	1:19					RR
21	2	6	2:00					RR
22	1	15	1:17					RR
23				OOS				
24				OOS				
25				OOS				
26	2	1	2:04					DG
27	1	2	2:36					DG
28	1	3	2:32					DG
29	1	1	2:39					DG
30	1	5	3:00					DG
31	1	4	2:29					DG

Condition PQ11493PC5

PLATFORM GRACE
 399 CATERPILLAR GENERATOR ENGINE (G-1B)
 DAILY CAM/RULE 74.9 MONITORING

G-1B

MONTH:JUNE

YEAR:2011

INITIAL NOX/CO TEST			CORRECTIVE ACTIONS			SECONDARY NOX/CO TEST		
Day	Initial Reading (ppmv @ 15%O2)		Time	Corrective Actions Taken (In the event that initial test result is greater than 5 ppmv @ 15% O2)	Nox	Secondary Reading (ppmv @ 15% O2) (if needed)		Tester's Initials
	Nox	CO				CO	Time	
1	2	1	1:40					WC
2	1	5	3:11					WC
3	2	3	0:40					WC
4	2	8	6:30					WC
5	2	1	1:11					WC
6				OOS				
7				OOS				
8				OOS				
9				OOS				
10				OOS				
11				OOS				
12	1	25	9:04					JR
13	4	0						DG
14	1	1						DG
15	1	1	0:16					RR
16	1	6	0:32					RR
17	0	8	0:15					RR
18	1	2	0:49					RR
19	1	4	0:19					RR
20	2	1	0:38					RR
21				OOS				
22				OOS				
23				OOS				
24				OOS				
25				OOS				
26				OOS				
27				OOS				
28				OOS				
29				OOS				
30				OOS				
31				OOS				

PLATFORM GRACE
 399 CATERPILLAR GENERATOR ENGINE (G-1B)
 DAILY CAM/RULE 74.9 MONITORING

G-1B Month: JULY Year: 2011

INITIAL NOX/CO TEST			CORRECTIVE ACTIONS			SECONDARY NOX/CO TEST		
Initial Reading (ppmv @ 15%O2)			Time	Corrective Actions Taken (In the event that initial test result is greater than 6 ppmv @ 15% O2)	Nox	Secondary Reading (ppmv @ 15% O2) (if needed)		Tester's Initials
Day	Nox	CO				CO	Time	
1				OOS				
2				OOS				
3				OOS				
4	2	50	12:30					WC
5	1	16	0:52					WC
6				OOS				
7				OOS				
8				OOS				
9				OOS				
10				OOS				
11				OOS				
12				OOS				
13				OOS				
14				OOS				
15				OOS				
16				OOS				
17				OOS				
18				OOS				
19				OOS				
20				OOS				
21				OOS				
22				OOS				
23				OOS				
24				OOS				
25				OOS				
26				OOS				
27				OOS				
28				OOS				
29				OOS				
30				OOS				
31				OOS				

Condition PQ11493PC5

PLATFORM GRACE
399 CATERPILLAR GENERATOR ENGINE (G-1B)
DAILY CAM/RULE 74.9 MONITORING

G-1B INITIAL NOX/CO TEST			CORRECTIVE ACTIONS			G1-B SECONDARY NOX/CO TEST		
Initial Reading (ppmv @ 15%O2)			Time	Corrective Actions Taken (In the event that initial test result is greater than 5 ppmv @ 15% O2)	Nox	Secondary Reading (ppmv @ 15% O2) (if needed)		Tester's Initials
Day	Nox	CO				CO	Time	
1	1	24	400					JB
2	1	42	340					JB
3	2	26	300					JB
4	1	60	320					JB
5	1	38	341					JB
6	1	52	330					JB
7	0	10	425					JB
8	0	26	441					JB
9	1	56	355					JB
10	4	13	1901					WC
11	1	14	1034					WL
12	2	48	3:57					WC
13				OOS				
14				OOS				
				OOS				
16				OOS				
17				OOS				
18				OOS				
19				OOS				
20	1	26	6:59					LH
21				OOS				
22				OOS				
23				OOS				
24				OOS				
25				OOS				
26				OOS				
27				OOS				
28				OOS				
29				OOS				
30				OOS				
31				OOS				

Condition PQ11493PC5

PLATFORM GRACE
 773 WAUKESHA GENERATOR ENGINE (G-1B)
 DAILY CAM/RULE 74.9 MONITORING

G-1B Month:OCTOBER Year: 2011

INITIAL NOX/CO TEST			CORRECTIVE ACTIONS			SECONDARY NOX/CO TEST		
Day	Initial Reading (ppmv @ 15%O2)		Time	Corrective Actions Taken (In the event that initial test result is greater than 5 ppmv @ 15% O2)	Nox	Secondary Reading (ppmv @ 15% O2) (if needed)		Tester's Initials
	Nox	CO				CO	Time	
1				Standby				
2				Standby				
3				Standby				
4				Standby				
5				Standby				
6				Standby				
7				Standby				
8				Standby				
9				Standby				
10	5	11	18:12					WL
11	3	13						WL
12	1	1	2:19					DG
13	3	1	1:33					DG
14	4	2	1:14					DG
15	5	19	1:43					DG
16	1	4	2:04					DG
17	5	1	2:12					DG
18	5	5	1:20					DG
19	1	3	1:34					WL
20	2	4	1:03					WL
21	1	3	0:56					WL
22	1	4	1:00					WL
23	1	41	1:02					WL
24	1	2	1:31					WL
25	1	2	1:06					WL
26				Standby				
27				Standby				
28				Standby				
29				Standby				
30				Standby				
31	1	10	13:38					JR

Condition PQ11493PC5

PLATFORM GRACE
 773 WAUKESHA GENERATOR ENGINE (G-1B)
 DAILY CAM/RULE 74.9 MONITORING

G-1B Month: November Year: 2011

INITIAL NOX/CO TEST			CORRECTIVE ACTIONS		SECONDARY NOX/CO TEST			Tester's Initials
Initial Reading (ppmv @ 15%O2)		Time	Corrective Actions Taken (in the event that initial test result is greater than 5 ppmv @ 15% O2)		Secondary Reading (ppmv @ 15% O2) (If needed)		Time	
Day	Nox				CO	Nox		CO
1	0	32	1:55					DG
2	0	22	5:36					WC
3	1	6	2:36					WC
4	3	1	3:39					WC
5	3	2	0:42					WC
6	2	2	2:33					WC
7	2	0	6:17					WC
8	1	7	8:56					WC
9	1	10	4:35					JB
10	1	6	4:19					JB
11	0	7	5:05					JB
12	1	4	4:55					JB
13	1	4	4:08					JB
14	1	10	4:06					JB
15	1	1	3:23					JB
16	2	4	1:21					WL
17	1	11	1:07					WL
18	1	13	1:40					WL
19	1	31	0:50					WL
20	0	29	1:36					WL
21	3	6	1:58					WL
22	2	11	1:25					WL
23	5	14	2:32					JB
24	3	2	13:58					JB
25	2	5	4:11					JB
26	1	0	4:30					JB
27	3	0	3:38					JB
28	1	1	4:54					JB
29				Standby				
30	1	58	3:18					WC

Condition PQ11493PC5

**PLATFORM GRACE
773 WAUKESHA GENERATOR ENGINE (G-1B)
DAILY CAM/RULE 74.9 MONITORING**

G-1B

Month: December

Year: 2011

INITIAL NOX/CO TEST			CORRECTIVE ACTIONS			SECONDARY NOX/CO TEST		Tester's Initials
Day	Initial Reading (ppmv @ 15%O2)		Time	Corrective Actions Taken (In the event that initial test result is greater than 5 ppmv @ 15% O2)	Nox	Secondary Reading (ppmv @ 15% O2) (if needed)		
	Nox	CO				CO	Time	
1	1	58	3:18					WC
2	5	8	5:09					WC
3	1	51	2:13					WC
4	0	56	0:58					WC
5				Standby				
6				Standby				
7				Standby				
8				Standby				
9				Standby				
10				Standby				
11				Standby				
12				Standby				
13				Standby				
14				Standby				
15				Standby				
16				Standby				
17				Standby				
18				Standby				
19				Standby				
20	2	6	15:29					DG
21	4	46	19:02					JB
22	3	9	21:14					JB
23	2	3	6:10					JB
24				Standby				
25				Standby				
26				Standby				
27				Standby				
28				Standby				
29				Standby				
30	2	0	19:43					WC
31	4	46	4:57					WC

Condition PQ11493PC5

**PLATFORM GRACE
773 WAUKESHA GENERATOR ENGINE (G-1B)
DAILY CAM/RULE 74.9 MONITORING**

G-1B Month: MARCH Year: 2012

INITIAL NOX/CO TEST			CORRECTIVE ACTIONS			SECONDARY NOX/CO TEST		
Day	Initial Reading (ppmv @ 15%O2)		Time	Corrective Actions Taken (In the event that initial test result is greater than 5 ppmv @ 15% O2)	Nox	Secondary Reading (ppmv @ 15% O2) (If needed)		Tester's Initials
	Nox	CO				CO	Time	
1				Standby				
2				Standby				
3				Standby				
4				Standby				
5				Standby				
6				Standby				
7				Standby				
8				Standby				
9				Standby				
10				Standby				
11				Standby				
12				Standby				
13				Standby				
14				Standby				
15				Standby				
16				Standby				
17				Standby				
18				Standby				
19				Standby				
20				Standby				
21				Standby				
22				Standby				
23				Standby				
24				Standby				
25				Standby				
26				Standby				
27				Standby				
28				Standby				
29				Standby				
30				Standby				
31				Standby				

ENGINE DATA FOR THE CATERPILLAR ENGINE (G-6A)

Engine Manufacturer: Caterpillar

Model No.: G-399 SI-TA HCR

Engine Location: Drilling Deck

Summary of Maintenance and Testing Reports are Included for the Following:

- Service records are attached.

NOTE: G-6A only used during June, July, and November 2011 of compliance period.

**PLATFORM GRACE
GENERATOR SERVICE**

DATE; 6-22-2011

UNIT; G-6A

HOURS; 1435

MECHANIC: RICKMAN/BING

1500 HOUR SERVICE

REPLACE SPARK PLUGS: YES NO
COMMENTS: _____

CHANGE & CLEAN OIL FILTERS: YES NO
COMMENTS: _____

CHANGE CRANK CASE OIL: YES NO
COMMENTS: _____

REPLACE AIR FILTER: YES NO
COMMENTS: _____

REMOVE, BLOW OUT AND TURN CATALYST ELEMENTS: YES NO
COMMENTS: _____

3000 HOUR SERVICE

ACID CLEAN CATALYST ELEMENT: YES NO
COMMENTS: _____

REPLACE O2 SENSOR YES NO
COMMENTS: _____

ADDITIONAL MAINTENANCE

DATE: HOURS: MECHANIC :
**COMMENTS: FOR DRILLING START UP, COMPLETE SERVICE
CONDUCTED, PLUGS, O2 SENSORS, OIL AND FILTERS, AIR FILTERS,
FRESH CATALYTIC ELEMENTS.**

**PLATFORM GRACE
GENERATOR SERVICE**

DATE; 6/29/11 UNIT; G-6A

HOURS; 1453.4

MECHANIC: Ruben Reyna, RICKMAN, BING, T. Fisher (BECS)

1500 HOUR SERVICE

REPLACE SPARK PLUGS: YES NO
COMMENTS: _____

CHANGE & CLEAN OIL FILTERS: YES NO
COMMENTS: _____

CHANGE CRANK CASE OIL: YES NO
COMMENTS: _____

REPLACE AIR FILTER: YES NO
COMMENTS: _____

REMOVE, BLOW OUT AND TURN CATALYST ELEMENTS: YES NO
COMMENTS: _____

3000 HOUR SERVICE

ACID CLEAN CATALYST ELEMENT: YES NO
COMMENTS: _____

REPLACE O2 SENSOR YES NO
COMMENTS: _____

ADDITIONAL MAINTENANCE

DATE: HOURS: MECHANIC : Ruben Reyna

COMMENTS: Replaced fan belts. Adjusting ignition and AFR for emissions, replaced diaphragms in mixer and rebuilt fuel gas regulators.

Per APCD rules & regulation, 74.9, Stationary Internal Combustion Engine.

Condition PQ11493PC5

PLATFORM GRACE
 399 CATERPILLAR GENERATOR ENGINE (G-6A)
 DAILY CAM/RULE 74.9 MONITORING

Month: JULY Year: 2011

INITIAL NOX/CO TEST			CORRECTIVE ACTIONS		SECONDARY NOX/CO TEST			
Day	Initial Reading (ppmv @ 15%O2)		Time	Corrective Actions Taken (In the event that initial test result is greater than 5 ppmv @ 15% O2)	Nox	Secondary Reading (ppmv @ 15% O2) (if needed)		Tester's Initials
	Nox	CO				CO	Time	
1				OOS				
2				OOS				
3				OOS				
4				OOS				
5				OOS				
6				OOS				
7	1	3	10:03					PQ
8				OOS				
9				OOS				
10	5	2	15:44					PQ
11	1	4	20:00					BS
12	2	3	11:22					BS
13	3	3	8:15					BS
14	3	1	12:02					BS
15	5	0	15:43					BS
16	0	1	8:49					BS
17	1	3	11:27					GS
18	0	1	14:37					DA
19	4	0	12:11					JR
20	5	2	16:41					JR
21	1	0	14:28					SP
22	3	0	11:00					JR
23	5	0	16:16					BS
24	4	3	10:46					BS
25	4	0	9:12					CR
26	2	4	7:12					CR
27	1	3	7:18					CR
28	0	1	7:22					CR
29	0	13	7:12					CR
30	1	1	7:23					CR
31				OOS				

Condition PQ11493PC5

**PLATFORM GRACE
399 CATERPILLAR GENERATOR ENGINE (G-6A)
DAILY CAM/RULE 74.9 MONITORING**

Month: AUGUST Year: 2011

INITIAL NOX/CO TEST			CORRECTIVE ACTIONS		SECONDARY NOX/CO TEST		
Initial Reading (ppmv @ 15%O2)		Time	Corrective Actions Taken (In the event that initial test result is greater than 5 ppmv @ 15% O2)	Nox	Secondary Reading (ppmv @ 15% O2) (if needed) CO	Time	Tester's Initials
Day	Nox						
1	0	17	7:48				JB
2	3	2	8:08				JB
3	3	0	7:29				JB
4	2	0	19:48				JB
5	4	24	9:13				JB
6	3	0	5:09				JB
7	1	3	7:41				JB
8	1	21	7:42				JB
9				OOS			
10				OOS			
11				OOS			
12				OOS			
13				OOS			
14				OOS			
15				OOS			
16				OOS			
17				OOS			
18				OOS			
19				OOS			
20				OOS			
21				OOS			
22				OOS			
23				OOS			
24				OOS			
25				OOS			
26				OOS			
27				OOS			
28				OOS			
29				OOS			
30				OOS			
31				OOS			

ENGINE DATA FOR THE CATERPILLAR ENGINE (G-6B)

Engine Manufacturer: Caterpillar

Model No.: G-399 SI-TA HCR

Engine Location: Drilling Deck

Summary of Maintenance and Testing Reports are Included for the Following:

- Service records are attached.

NOTE: G-6B only used during June, July, and November 2011 of compliance period.

**PLATFORM GRACE
GENERATOR SERVICE**

DATE; 6-22-2011

UNIT; G-6B

HOURS; 757

MECHANIC: RICKMAN/BING

1500 HOUR SERVICE

REPLACE SPARK PLUGS: YES NO
COMMENTS: _____

CHANGE & CLEAN OIL FILTERS: YES NO
COMMENTS: _____

CHANGE CRANK CASE OIL: YES NO
COMMENTS: _____

REPLACE AIR FILTER: YES NO
COMMENTS: _____

REMOVE, BLOW OUT AND TURN CATALYST ELEMENTS: YES NO
COMMENTS: _____

3000 HOUR SERVICE

ACID CLEAN CATALYST ELEMENT: YES NO
COMMENTS: _____

REPLACE O2 SENSOR YES NO
COMMENTS: _____

ADDITIONAL MAINTENANCE

DATE: HOURS: MECHANIC :
**COMMENTS: DRILLING START UP SERVICE SPARK PLUGS, O2 SENSORS,
OIL AND FILTERS, AIR FILTERS, FRESH CATALYTIC ELEMENTS.**

Per APCD rules & regulation, 74.9, Stationary Internal Combustion Engine.

**PLATFORM GRACE
GENERATOR SERVICE**

DATE; 6/29/11 **UNIT;** G-6B

HOURS; 772.4

MECHANIC: Ruben Reyna, RICKMAN, BING, T. Fisher (BECS)

1500 HOUR SERVICE

REPLACE SPARK PLUGS: YES NO
COMMENTS: _____

CHANGE & CLEAN OIL FILTERS: YES NO
COMMENTS: _____

CHANGE CRANK CASE OIL: YES NO
COMMENTS: _____

REPLACE AIR FILTER: YES NO
COMMENTS: _____

REMOVE, BLOW OUT AND TURN CATALYST ELEMENTS: YES NO
COMMENTS: _____

3000 HOUR SERVICE

ACID CLEAN CATALYST ELEMENT: YES NO
COMMENTS: _____

REPLACE O2 SENSOR YES NO
COMMENTS: _____

ADDITIONAL MAINTENANCE

DATE: HOURS: MECHANIC : Ruben Reyna

COMMENTS: Tuning for emissions, adjusting AFR, and rebuild fuel gas regulators.

Per APCD rules & regulation, 74.9, Stationary Internal Combustion Engine.

Condition PQ11493PC5

PLATFORM GRACE
 399 CATERPILLAR GENERATOR ENGINE (G-6B)
 DAILY CAM/RULE 74.9 MONITORING

Month: JULY Year: 2011

INITIAL NOX/CO TEST				CORRECTIVE ACTIONS		SECONDARY NOX/CO TEST		
Day	Initial Reading (ppmv @ 15%O2)		Time	Corrective Actions Taken (In the event that initial test result is greater than 5 ppmv @ 15% O2)	Nox	Secondary Reading (ppmv @ 15% O2) (if needed) CO	Time	Tester's Initials
	Nox	CO						
1				OOS				
2				OOS				
3				OOS				
4				OOS				
5				OOS				
6				OOS				
7				OOS				
8				OOS				
9				OOS				
10				OOS				
11	3	7	14:57					BS
12				OOS				
13	1	3	8:19					BS
14	1	0	12:04					BS
15	0	1	18:02					BS
16	0	4	9:25					BS
17				OOS				
18				OOS				DA
19				OOS				
20				OOS				
21				OOS				
22				OOS				
23	4	58	16:21					BS
24	1	8	10:44					BS
25	5	0	8:05					CR
26	0	2	7:08					CR
27	2	2	10:12					CR
28	4	4	7:24					CR
29	0	11	7:22					CR
30	1	3	10:56					CR
31				OOS				

Condition PQ11493PC5

PLATFORM GRACE
 399 CATERPILLAR GENERATOR ENGINE (G-6B)
 DAILY CAM/RULE 74.9 MONITORING

Month: AUGUST

Year: 2011

INITIAL NOX/CO TEST				CORRECTIVE ACTIONS		SECONDARY NOX/CO TEST		
Day	Initial Reading (ppmv @ 15%O2)		Time	Corrective Actions Taken (In the event that initial test result is greater than 5 ppmv @ 15% O2)	Nox	Secondary Reading (ppmv @ 15% O2) (If needed)		Tester's Initials
	Nox	CO				CO	Time	
1	1	1	7:46					JB
2	4	4	8:10					JB
3	5	5	7:35					JB
4	4	25	20:13					JB
5	3	27	9:15					JB
6	5	4	5:12					JB
7	2	18	7:09					JB
8	4	13	7:47					JB
9				OOS				
10				OOS				
11				OOS				
12				OOS				
13				OOS				
14				OOS				
15				OOS				
16				OOS				
17				OOS				
18				OOS				
19				OOS				
20				OOS				
21				OOS				
22				OOS				
23				OOS				
24				OOS				
25				OOS				
26				OOS				
27				OOS				
28				OOS				
29				OOS				
30				OOS				
31				OOS				

ENGINE DATA FOR THE CATERPILLAR ENGINE (G-6C)

Engine Manufacturer: Caterpillar

Model No.: G-399 SI-TA HCR

Engine Location: Drilling Deck

Summary of Maintenance and Testing Reports are Included for the Following:

- Service records are attached.

NOTE: G-6C only used during June, July, and November 2011 of compliance period.

**PLATFORM GRACE
GENERATOR SERVICE**

DATE; 6-22-2011

UNIT; G-6C

HOURS; 1644

MECHANIC: RICKMAN/BING

1500 HOUR SERVICE

REPLACE SPARK PLUGS: YES NO
COMMENTS: _____

CHANGE & CLEAN OIL FILTERS: YES NO
COMMENTS: _____

CHANGE CRANK CASE OIL: YES NO
COMMENTS: _____

REPLACE AIR FILTER: YES NO
COMMENTS: _____

REMOVE, BLOW OUT AND TURN CATALYST ELEMENTS: YES NO
COMMENTS: _____

3000 HOUR SERVICE

ACID CLEAN CATALYST ELEMENT: YES NO
COMMENTS: _____

REPLACE O2 SENSOR YES NO
COMMENTS: _____

ADDITIONAL MAINTENANCE

DATE: HOURS: MECHANIC :
**COMMENTS: DRILLING PRE START UP SERVICE, SPARK PLUGS, O2
SENSORS, OIL AND FILTERS, AIR FILTERS, FRESH CATALYTIC
ELEMENTS.**

**PLATFORM GRACE
GENERATOR SERVICE**

DATE; 6/30/11 UNIT; G-6C

HOURS; 1655.0

MECHANIC: Ruben Reyna, RICKMAN, BING, T. Fisher (BECS)

1500 HOUR SERVICE

REPLACE SPARK PLUGS: YES NO
COMMENTS: _____

CHANGE & CLEAN OIL FILTERS: YES NO
COMMENTS: _____

CHANGE CRANK CASE OIL: YES NO
COMMENTS: _____

REPLACE AIR FILTER: YES NO
COMMENTS: _____

REMOVE, BLOW OUT AND TURN CATALYST ELEMENTS: YES NO
COMMENTS: _____

3000 HOUR SERVICE

ACID CLEAN CATALYST ELEMENT: YES NO
COMMENTS: _____

REPLACE O2 SENSOR YES NO
COMMENTS: _____

ADDITIONAL MAINTENANCE

DATE: HOURS: MECHANIC : Ruben Reyna

COMMENTS: Replaced fan belts. Adjusting AFR for emissions, rebuilt fuel gas regulators.

Per APCD rules & regulation, 74.9, Stationary Internal Combustion Engine.

Condition PQ11493PC5

PLATFORM GRACE
 399 CATERPILLAR GENERATOR ENGINE (G-6C)
 DAILY CAM/RULE 74.9 MONITORING

Month: JULY Year: 2011

INITIAL NOX/CO TEST			CORRECTIVE ACTIONS		SECONDARY NOX/CO TEST			
Day	Initial Reading (ppmv @ 15%O2)		Time	Corrective Actions Taken (In the event that initial test result is greater than 5 ppmv @ 15% O2)	Nox	Secondary Reading (ppmv @ 15% O2) (if needed)		Tester's Initials
	Nox	CO				CO	Time	
1				OOS				
2				OOS				
3				OOS				
4				OOS				
5				OOS				
6				OOS				
7				OOS				
8				OOS				
9				OOS				
10	5	17	14:57					PQ
11	3	7	20:40					BS
12	2	34	15:26				Brian Steve	BS
13	1	2	12:27					BS
14	0	13	11:52					BS
15	4	0	15:57					BS
16	3	2	9:03					BS
17	3	1	11:38					GS
18	2	0	15:01					DA
19	4	3	11:58					JR
20	4	44	14:26					JR
21	1	0	14:24					SP
22	1	5	11:04					JR
23	1	36	14:44					BS
24	0	71	10:41					BS
25	4	34	8:10					CR
26	4	5	7:03					CR
27	2	2	10:32					CR
28	3	3	7:26					CR
29	0	0	8:08					CR
30	1	2	10:58					CR
31				OOS				

Condition PQ11493PC5

PLATFORM GRACE
399 CATERPILLAR GENERATOR ENGINE (G-6C)
DAILY CAM/RULE 74.9 MONITORING

Month: AUGUST

Year: 2011

INITIAL NOX/CO TEST			CORRECTIVE ACTIONS			SECONDARY NOX/CO TEST		
Day	Initial Reading (ppmv @ 15%O2)		Time	Corrective Actions Taken (in the event that initial test result is greater than 5 ppmv @ 15% O2)	Nox	Secondary Reading (ppmv @ 15% O2) (if needed)		Tester's Initials
	Nox	CO				CO	Time	
1	1	1	7:45	G-1C				JB
2	1	1	8:12	G-1C				JB
3	2	2	7:38	G-1C				JB
4	1	13	19:59	G-1C				JB
5	1	36	9:34	G-1C				JB
6	5	41	5:20	G-1C				JB
7	1	8	7:11	G-1C				JB
8	2	4	7:49	G-1C				JB
9				OOS				
10				OOS				
11				OOS				
12				OOS				
13				OOS				
14				OOS				
15				OOS				
16				OOS				
17				OOS				
18				OOS				
19				OOS				
20				OOS				
21				OOS				
22				OOS				
23				OOS				
24				OOS				
25				OOS				
26				OOS				
27				OOS				
28				OOS				
29				OOS				
30				OOS				
31				OOS				

ENGINE DATA FOR THE WAUKESHA ENGINE (G-03)

Engine Manufacturer: Waukesha

Model No.: F3521G (SI)

Serial No.: 289729

Engine Location: Turbine room, southwest corner of platform, production deck

Summary of Maintenance and Testing Reports are Included for the Following:

Source Test Report: Please refer to the last source test previously submitted to the District. Enclosed are summary of results.

NOTE: G-3 was not operated during the compliance period.



Letter of Conformance

This is to certify that the CARB Ultra Low sulfur dyed Diesel Fuel sold and delivered to
VENOCO INC FOR PLATFORM GAIL AND GRACE FROM 1/1/11-12/31/11

Was in compliance with South Coast Air Quality Management District requirements for Ventura County. The test Results meet ASTM D-5453 and are Typical of all CARB Ultra Low Sulfur Dyed Diesel Fuel sold by Maxum Petroleum. The sulfur Content is guaranteed to be less than .0015% (15PPM) The high heat content is typically in the 19,950 - 20,200 BTU per pound range.

Hope Bowles

General Manager
Maxum Petroleum
Oxnard Division
Office (805) 299-1219



Oilfield Environmental and Compliance, INC.

Venoco, Inc. - Carpinteria 5675 Carpinteria Ave. Carpinteria CA, 93013	Project: Annual SCAQMD Samples Project Number: Platform Gail & Grace Project Manager: Pat Corcoran	Reported: 06-Feb-12 11:54
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Plt. Grace Inlet to T-13
1200479-03 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Oilfield Environmental and Compliance

ROC by ASTM E-260-85 /8260M/5030

ROC (C3-C10)	ND	50	ug/L	1	A202012	01-Feb-12	02-Feb-12	ASTM E-260 (mod)
<i>Surrogate: Dibromofluoromethane</i>		83.7 %	70-130	"	"	"	"	"
<i>Surrogate: Toluene-d8</i>		79.1 %	70-130	"	"	"	"	"
<i>Surrogate: 4-Bromofluorobenzene</i>		76.4 %	70-130	"	"	"	"	"

Plt. Grace Inlet to T-2
1200479-04 (Water)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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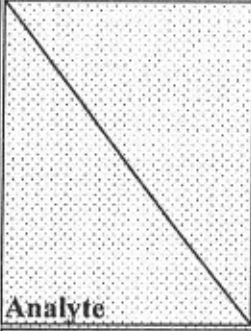
Oilfield Environmental and Compliance

ROC by ASTM E-260-85 /8260M/5030

ROC (C3-C10)	70	50	ug/L	1	A202012	01-Feb-12	02-Feb-12	ASTM E-260 (mod)
<i>Surrogate: Dibromofluoromethane</i>		102 %	70-130	"	"	"	"	"
<i>Surrogate: Toluene-d8</i>		95.1 %	70-130	"	"	"	"	"
<i>Surrogate: 4-Bromofluorobenzene</i>		102 %	70-130	"	"	"	"	"

CLIENT	OEC
PROJECT NAME:	Oilfied Gas - SCAQMD
LABORATORY NO:	12-074
SAMPLING DATE:	January 30, 2012
RECEIVING DATE:	January 31, 2012
ANALYSIS DATE:	January 31, 2013
REPORT DATE:	February 1, 2012

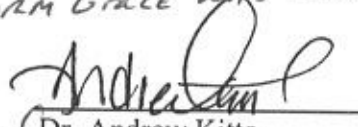
Laboratory Analysis Report

Analysis Method	SCAQMD 307-91		
Detection Limits	0.1 PPMV		
	Client ID	<i>Grace *</i> Plt Gail Fuel Gas	<i>Grace *</i> Plt Gail Fuel Gas Duplicate
	OEC ID	1200479-01	1200479-02
	Sampling Date	1/31/2012	1/31/2012
	Lab ID	03112-5	03112-6
	Analyte	Units	PPMV
Hydrogen Sulfide		6.5	6.3
Carbonyl Sulfide		0.2	0.2
Methyl Mercaptan		0.1	0.1
Ethyl Mercaptan		0.1	0.1
Un-Identified S Compounds		0.6	0.8
TRS as H ₂ S		7.5	7.5

TRS: Total Reduced Sulfur as Hydrogen Sulfide

** Mis labeled. PLATFORM Gail WAS SAMPLED ON 1/10/2012. PLATFORM GRACE WAS SAMPLED ON 1/30/2012.*

SEE C.O.C. ATTACHED


 Dr. Andrew Kitto
 President



Oilfield Environmental and Compliance
 307 Roemer Way Suite 300, Santa Maria, CA 93454
 phone: (805) 922-4772 fax: (805) 925-3376

CHAIN OF CUSTODY

Company: Venoco **Project Name:** Annual SCAQMD Samples
Street Address: 5675 Carpinteria Ave **Site:** Platform Gail & Grace
City: Carpinteria **State:** CA **Zip Code:** 93104 **Comments:**
Telephone: 805-745-4515 **Fax:** 805-745-4589
Report To: Pat Corcoran **Sampler:** Roger Dickinson

Lab Sample ID	Date/Time Sampled	Matrix	# of Cont.	Client Sample ID	Analyses Requested		Remarks
					ROC	SCAQMD 307-94	
1200479-1A	01/30/12 @ 1200	Gas	1	Pit. Gail Fuel Gas* V-32	Sampled on 01/10/12		psig @ F
2A	01/30/12 @ 1205	Gas	1	Pit. Gail Fuel Gas-Duplicate* V-32	Sampled on 01/10/12		psig @ F
3A-C	01/30/12 @ 1100	AQ	3	Pit. Grace Fuel Gas Duplicate*		X	28 psig @ 58F
4A-C	01/30/12 @ 1105	AQ	3	Pit. Grace Inlet to T-2		X	28 psig @ 58F

Relinquished By: *[Signature]* **Date:** 01/30/12 **Time:** 1205 **Received By:** *Alynette yco* **Date:** 01/30/12 **Time:** 1215
Relinquished By: **Date:** **Time:** **Received By:** **Date:** **Time:**
Relinquished By: **Date:** **Time:** **Received By:** **Date:** **Time:**

Sample integrity upon receipt: Good **Method of shipment:**
Samples received cold: y / n **Samples received intact:** y / n
Custody seals: y / n

Comments: *Analyze Gas Samples within 24 Hrs.

