United States of America
Department of Homeland Security
United States Coast Guard

| | |
|---|---|
| Certification Date: | 07 Nov 2024 |
| Expiration Date: | 07 Nov 2029 |

# Certificate of Inspection

For ships on international voyages this certificate fulfills the requirements of SOLAS 74 as amended, regulation V/14, for a SAFE MANNING DOCUMENT.

| Vessel Name | Official Number | IMO Number | Call Sign | Service |
|---|---|---|---|---|
| CCL 9 | 551983 | | | Tank Barge |

| Hailing Port | Hull Material | Horsepower | Propulsion |
|---|---|---|---|
| NEW ORLEANS, LA<br>UNITED STATES | Steel | | |

| Place Built | Delivery Date | Keel Laid Date | Gross Tons | Net Tons | DWT | Length |
|---|---|---|---|---|---|---|
| PITTSBURGH PA<br>UNITED STATES | 31Dec1974 | | R-773<br>I- | R-773<br>I- | | R-195.0<br>I-0 |

Owner
R B B L LLC
1237 HWY 75
SUNSHINE, LA 70780
UNITED STATES

Operator
CHEM CARRIERS LLC
1237 HWY 75,
SUNSHINE, LA 70780
UNITED STATES

This vessel must be manned with the following licensed and unlicensed Personnel. Included in which there must be 0 Certified Lifeboatmen, 0 Certified Tankermen, 0 HSC Type Rating, and 0 GMDSS Operators.

| | | | |
|---|---|---|---|
| 0 Masters | 0 Licensed Mates | 0 Chief Engineers | 0 Oilers |
| 0 Chief Mates | 0 First Class Pilots | 0 First Assistant Engineers | |
| 0 Second Mates | 0 Radio Officers | 0 Second Assistant Engineers | |
| 0 Third Mates | 0 Able Seamen | 0 Third Assistant Engineers | |
| 0 Master First Class Pilot | 0 Ordinary Seamen | 0 Licensed Engineers | |
| 0 Mate First Class Pilots | 0 Deckhands | 0 Qualified Member Engineer | |

In addition, this vessel may carry 0 Passengers, 0 Other Persons in crew, 0 Persons in addition to crew, and no Others. Total Persons allowed: 0

Route Permitted And Conditions Of Operation:

**---Lakes, Bays, and Sounds---**

This vessel has been granted a fresh water service examination interval per 46 CFR 31.10-21(a)(2). If this vessel is operated in salt water more than 6 months in any 12 month period, the vessel must be inspected using salt water intervals per 46 CFR 31.10-21(a)(1) and the cognizant OCMI notified in writing as soon as this change in status occurs.

***SEE NEXT PAGE FOR ADDITIONAL CERTIFICATE INFORMATION***

With this Inspection for Certification having been completed at Port Arthur, TX, UNITED STATES, the Officer in Charge, Marine Inspection, Marine Safety Unit Port Arthur certified the vessel, in all respects, is in conformity with the applicable vessel inspection laws and the rules and regulations prescribed thereunder.

Annual/Periodic/Re-Inspection

| Date | Zone | A/P/R | Signature |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |

This certificate issued by:
L. L. WOODMAN, CDR, USCG, By direction
Officer in Charge, Marine Inspection
Marine Safety Unit Port Arthur
Inspection Zone

United States of America
Department of Homeland Security
United States Coast Guard

| | |
|---|---|
| Certification Date: | 07 Nov 2024 |
| Expiration Date: | 07 Nov 2029 |

# Certificate of Inspection

Vessel Name: CCL 9

## ---Hull Exams---

| Exam Type | Next Exam | Last Exam | Prior Exam |
|---|---|---|---|
| DryDock | 30Nov2034 | 07Nov2024 | 28Apr2016 |
| Internal Structure | 30Nov2029 | 07Nov2024 | 12Apr2021 |

## --- Liquid/Gas/Solid Cargo Authority/Conditions ---

Authorization: FLAMMABLE/COMBUSTIBLE LIQUIDS AND SPECIFIED HAZARDOUS CARGOES

| Total Capacity | Units | Highest Grade Type | Part151 Regulated | Part153 Regulated | Part154 Regulated |
|---|---|---|---|---|---|
| 10500 | Barrels | A | Yes | No | No |

***Hazardous Bulk Solids Authority***

Not Authorized

***Loading Constraints - Structural***

| Tank Location Description | Max Cargo Weight per Tank (short tons) | Maximum Density (lbs/gal) |
|---|---|---|
| 1 | 606 | 13.50 |
| 2 | 623 | 13.50 |
| 3 | 615 | 13.50 |

***Loading Constraints - Stability***

| Hull Type | Maximum Load (short tons) | Maximum Draft (ft/in) | Max Density (lbs/gal) | Route Description |
|---|---|---|---|---|
| II | 1485 | 9ft 0in | 13.50 | LAKES, BAYS, SOUNDS AND RIVERS |
| III | 1624 | 9ft 7in | 13.50 | LAKES, BAYS AND SOUNDS |
| III | 1811 | 10ft 5in | 13.50 | RIVERS |

***Conditions Of Carriage***

Only those specified hazardous cargoes named in the vessel's Cargo Authority Attachment (CAA), serial #C1-0800579, dated 02NOV04, may be carried. The specified hazardous cargoes may be carried only in the tanks indicated.

Per 46 CFR 150.130, the person in charge of the vessel is responsible for ensuring the compatibility requirements of 46 CFR 150 are met. Cargoes must be checked for compatibility using figures, tables, and appendices of 46 CFR 150 in conjunction with the reactive group number from the "Compat Group No" column is listed in the vessel's CAA.

When the vessel is carrying cargoes containing greater than 0.5% Benzene, the person in charge is responsible for ensuring the provisions of 46 CFR Part 197, subpart C are applied.

*OIL PROHIBITION - No Vessel Response Plan*

This vessel is prohibited from carrying those cargoes that are considered an "oil" for the purposes of the Federal Water Pollution Control Act as amended by the Oil Pollution Act of 1990 which requires a vessel response plan Per 33 CFR 155 subpart D.

*OIL PROHIBITION – No Overfill Protection Devices*

This vessel is not equipped with overfill protection devices and is prohibited from carrying oil products as defined in 33 CFR 151.05.

*OIL PROHIBITION – No 30 Year Mid-Body Survey*

United States of America
Department of Homeland Security
United States Coast Guard

| | |
|---|---|
| Certification Date: | 07 Nov 2024 |
| Expiration Date: | 07 Nov 2029 |

# Certificate of Inspection

Vessel Name: CCL 9

This vessel does not meet the mid-body gauging survey requirements of 46 CFR 31.10-21a (b)(1) and is prohibited from carrying pollution category I oils listed in 46 CFR Table 30.25-1.

*Stability and Trim*

Per 46 CFR 151.10(c)(2), the maximum tank weights listed above reflect uniform (within 5%) loading at the deepest draft allowed. When carrying subchapter "O" cargoes at shallower drafts, the barge should always be loaded uniformly.

Cargoes with densities, up to 13.5 lbs/gal, may be carried as slack loads, but shall not exceed the tank weight limits as listed above.

## --- Inspection Status ---

***Cargo Tanks***

| | Internal Exam | | | External Exam | | |
|---|---|---|---|---|---|---|
| Tank Id | Previous | Last | Next | Previous | Last | Next |
| 1 | 28Apr2016 | 29Nov2024 | 30Nov2034 | - | - | - |
| 2 | 28Apr2016 | 29Nov2024 | 30Nov2034 | - | - | - |
| 3 | 28Apr2016 | 29Nov2024 | 30Nov2034 | - | - | - |

| | | Hydro Test | | |
|---|---|---|---|---|
| Tank Id | Safety Valves | Previous | Last | Next |
| 1 | - | - | - | - |
| 2 | - | - | - | - |
| 3 | - | - | - | - |

## ---Conditional Portable Fire Extinguisher Requirements---

Required Only During Transfer of Cargo or Operation of Barge Machinery

## --- Fire Fighting Equipment ---

***Fire Extinguishers - Hand portable and semi-portable***

| Quantity | Class Type |
|---|---|
| 2 | 40-B |

## ---Certificate Amendments---

| Amending Unit | Amendment Date | Amendment Remark |
|---|---|---|
| Sector Houston/Galveston | 29Nov2024 | Completed Cargo Tank Internal Examination. |

***END***

Department of Homeland Security
**United States Coast Guard**

Serial #: *C1-0800579*
Dated: *02-Nov-04*

# *Certificate of Inspection*

## *Cargo Authority Attachment*

Vessel Name: **CCL 9**
Official #: 551983

Shipyard: Dravo Hull
Hull #: 6238

### 46 CFR 151 Tank Group Characteristics

| Tank Group Information | | Cargo Identification | | | Hull Typ | Cargo Seg Tank | Tanks | | | Cargo Transfer | | Environmental Control | | Fire Protection Provided | Special Requirements | | Elec Haz | Temp Cont |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Tnk Grp | Tanks in Group | Density | Press. | Temp. | | | Type | Vent | Gauge | Pipe Class | Cont | Tanks | Handling Space | | General | Materials of Construction | | |
| A | Three (3) | 13.6 | Atmos. | Amb. | II | 1ii<br>2ii | Integral<br>Gravity | PV | Open | II | G-1 | NR | NA | Portable | 40-1(f)(1), .50-60, .50-70(a), .50-70(b), | 55-1(b), (c), (e), (f), (h), (j), 56-1(a), (b), (c), (d), (e), (f), (g), | NR | Yes |

Notes: 1. Under Environmental Control, Tanks, NR means that the tank group is suitable only for those cargoes which require no environmental control in the cargo tanks.

2. Under Environmental Control, Handling Space, NR means that the tank group is suitable only for those cargoes which require no environmental control in the cargo handling space. NA means that the vessel does not have a cargo control space, and this requirement is not applied.

3. Under Electrical Hazard Class, NA means that the tank group is suitable only for those cargoes which have no electrical hazard class requirement. NR means that the vessel has no electrical equipment located in a hazardous location.

### List of Authorized Cargoes

| Cargo Identification | | | | | | Conditions of Carriage | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Vapor Recovery | | | |
| Name | Chem Code | Compat Group No | Sub Chapter | Grade | Hull Type | Tank Group | App'd (Y or N) | VCS Category | Special Requirements in 46 CFR 151 General and Mat'ls of | Insp. Period |
| **Authorized Subchapter O Cargoes** | | | | | | | | | | |
| Adiponitrile | ADN | 37 | O | E | II | A | No | N/A | No | G |
| Alkyl(C7-C9) nitrates | AKN | 34 [2] | O | NA | III | A | No | N/A | .50-81, .50-86 | G |
| Aminoethylethanolamine | AEE | 8 | O | E | III | A | No | N/A | .55-1(b) | G |
| Ammonium bisulfite solution (70% or less) | ABX | 43 [2] | O | NA | III | A | No | N/A | .50-73, .56-1(a), (b), (c) | G |
| Anthracene oil (Coal tar fraction) | AHO | 33 | O | NA | II | A | No | N/A | No | G |
| Butyraldehyde (all isomers) | BAE | 19 | O | C | III | A | No | N/A | .55-1(h) | G |
| Camphor oil (light) | CPO | 18 | O | D | II | A | No | N/A | No | G |
| Carbon tetrachloride | CBT | 36 | O | NA | III | A | No | N/A | No | G |
| Caustic potash solution | CPS | 5 [2] | O | NA | III | A | No | N/A | .50-73, .55-1(j) | G |
| Caustic soda solution | CSS | 5 [2] | O | NA | III | A | No | N/A | .50-73, .55-1(j) | G |
| Chlorobenzene | CRB | 36 | O | D | III | A | No | N/A | No | G |
| Chloroform | CRF | 36 | O | NA | III | A | No | N/A | No | G |
| Creosote | CCW | 21 [2] | O | E | III | A | No | N/A | No | G |
| Cresols (all isomers) | CRS | 21 | O | E | III | A | No | N/A | No | G |
| Cresylic acid tar | CRX | | O | E | III | A | No | N/A | .55-1(f) | G |
| Cyclopentadiene, Styrene, Benzene mixture | CSB | 30 | O | D | III | A | No | N/A | .50-60, .56-1(b) | G |
| iso-Decyl acrylate | IAI | 14 | O | E | III | A | No | N/A | .50-70(a), .50-81(a), (b), .55-1(c) | G |
| 2,4-Dichlorophenoxyacetic acid, diethanolamine salt solution | DDE | 43 | O | E | III | A | No | N/A | .56-1(a), (b), (c), (g) | G |
| 2,4-Dichlorophenoxyacetic acid, triisopropanolamine salt solution | DTI | 43 [2] | O | E | III | A | No | N/A | .56-1(a), (b), (c), (g) | G |
| Diethanolamine | DEA | 8 | O | E | III | A | No | N/A | .55-1(c) | G |
| Diethylenetriamine | DET | 7 [2] | O | E | III | A | No | N/A | .55-1(c) | G |
| Diisopropanolamine | DIP | 8 | O | E | III | A | No | N/A | .55-1(c) | G |
| Dodecyldimethylamine, Tetradecyldimethylamine mixture | DOT | 7 | O | E | III | A | No | N/A | .56-1(b) | G |
| Ethanolamine | MEA | 8 | O | E | III | A | No | N/A | .55-1(c) | G |
| Ethylene cyanohydrin | ETC | 20 | O | E | III | A | No | N/A | No | G |
| Ethylene glycol hexyl ether | EGH | 40 | O | E | III | A | No | N/A | No | G |
| Ethylene glycol propyl ether | EGP | 40 | O | E | III | A | No | N/A | No | G |
| 2-Ethylhexyl acrylate | EAI | 14 | O | E | III | A | No | N/A | .50-70(a), .50-81(a), (b) | G |
| Glutaraldehyde solution (50% or less) | GTA | 19 | O | NA | III | A | No | N/A | No | G |
| Isoprene | IPR | 30 | O | A | III | A | No | N/A | .50-70(a), .50-81(a), (b) | G |
| Kraft pulping liquors (free alkali content 3% or more)(including: Black, Green, or White liquor) | KPL | 5 | O | NA | III | A | No | N/A | .50-73, .56-1(a), (c), (g) | G |
| Methyl diethanolamine | MDE | 8 | O | E | III | A | No | N/A | .56-1(b), (c) | G |
| 2-Methyl-5-ethylpyridine | MEP | 9 | O | E | III | A | No | N/A | .55-1(e) | G |
| Morpholine | MPL | 7 [2] | O | D | III | A | No | N/A | .55-1(c) | G |
| Polyethylene polyamines | PEB | 7 [2] | O | E | III | A | No | N/A | .55-1(e) | G |

**** This document is only valid when attached to, and referenced by a current, valid Certificate of Inspection. ****

Department of Homeland Security
**United States Coast Guard**

Serial #: C1-0800579
Dated: 02-Nov-04

# *Certificate of Inspection*

## *Cargo Authority Attachment*

Vessel Name: **CCL 9**
Official #: 551983



Shipyard: Dravo Hull
Hull #: 6238

| Cargo Identification | | | | | | Conditions of Carriage | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Vapor Recovery | | | |
| Name | Chem Code | Compat Group No | Sub Chapter | Grade | Hull Type | Tank Group | App'd (Y or N) | VCS Category | Special Requirements in 46 CFR 151 General and Mat'ls of | Insp. Period |
| iso-Propanolamine | MPA | 8 | O | E | III | A | No | N/A | .55-1(c) | G |
| Propanolamine (iso-, n-) | PAX | 8 | O | E | III | A | No | N/A | .56-1(b), (c) | G |
| Sodium acetate, Glycol, Water mixture (3% or more Sodium Hydroxide) | SAP | | O | | III | A | No | N/A | .50-73, .55-1(j) | G |
| Sodium aluminate solution (45% or less) | SAU | 5 | O | NA | III | A | No | N/A | .50-73, .56-1(a), (b), (c) | G |
| Sodium chlorate solution (50% or less) | SDD | 0 [1,2] | O | NA | III | A | No | N/A | .50-73 | G |
| Sodium sulfide, hydrosulfide solution (H2S 15 ppm or less) | SSH | 0 [1,2] | O | NA | III | A | No | N/A | .50-73, .55-1(b) | G |
| Styrene monomer | STY | 30 | O | D | III | A | No | N/A | .50-70(a), .50-81(a), (b) | G |
| Tetraethylenepentamine | TTP | 7 | O | E | III | A | No | N/A | .55-1(c) | G |
| Triethanolamine | TEA | 8 [2] | O | E | III | A | No | N/A | .55-1(b) | G |
| Triethylenetetramine | TET | 7 [2] | O | E | III | A | No | N/A | .55-1(b) | G |
| Triphenylborane (10% or less), caustic soda solution | TPB | 5 | O | NA | III | A | No | N/A | .56-1(a), (b), (c) | G |
| Trisodium phosphate solution | TSP | 5 | O | NA | III | A | No | N/A | .50-73, .56-1(a), (c). | G |
| Vanillin black liquor (free alkali content, 3% or more). | VBL | 5 | O | NA | III | A | No | N/A | .50-73, .56-1(a), (c), (g) | G |
| Vinyl acetate | VAM | 13 | O | C | III | A | No | N/A | .50-70(a), .50-81(a), (b) | G |
| Vinyl neodecanate | VND | 13 | O | E | III | A | No | N/A | .50-70(a), .50-81(a), (b) | G |

Department of Homeland Security
**United States Coast Guard**

Serial #: C1-0800579
Dated: 02-Nov-04

# *Certificate of Inspection*

## *Cargo Authority Attachment*

Vessel Name: **CCL 9**
Official #: 551983



Shipyard: Dravo Hull
Hull #: 6238

### Explanation of terms & symbols used in the Table:

**Cargo Identification**

| | |
|---|---|
| Name | The proper shipping name as listed in 46 CFR Table 30.25-1, 46 CFR Table 151.05, and 46 CFR Part 153 Table 2. |
| Chem Code | The three letter designation assigned to the cargo in the Chemical Hazards Response Information System (CHRIS) Manual. |
| none | Certain mixtures of cargoes may not have a CHRIS Code assigned. |
| Compatability Group No. | The cargo reactive group number assigned for compatibility determinations in 46 CFR Part 150 Tables I and II. In accordance with 46 CFR 150.130, the Person-in-Charge of the barge is responsible for ensuring that the compatibility requirements of 46 CFR Part 150 are met. Cargoes must be checked for compatibility using the figures, tables, and appendices of 46 CFR 150 in conjunction with the assigned reactive group number. |
| Note 1 | Because of the very high reactivity or unusual conditions of carriage or potential compatibility problems, this product is not assigned to a specific group in the Compatibility Chart. For additional compatibility information, contact Commandant (CG-3PSO-3), U.S. Coast Guard, 2100 Second Street, SW, Washington, DC 20593-0001. Telephone |
| Note 2 | (202) 372-1425. |
| | See Appendix I to 46 CFR Part 150 - exceptions to the compatability chart. |
| Subchapter | The subchapter in Title 46 Code of Federal Regulations under which the cargo has been classified. |
| Subchapter D | Those flammable and combustible liquids listed in 46 CFR Table 30.25-1. |
| Subchapter O | Those hazardous cargoes listed in 46 CFR Table 151.05 and 46 CFR Part 153 Table 2. |
| Note 3 | Those cargoes listed in 46 CFR Part 153 Table 2 are non-regulated cargoes when carried in bulk on non-oceangoing barges. |
| Grade | The cargo classification assigned to each flammable or combustible liquid. Grades inside of "{ }" indicate a provisional assignment based upon literature sources which were not verified by manufacturers data. The Person-in-Charge shall verify the cargo grade based on Manufacturers data and ensure that the barge is authorized for carriage of that grade of cargo. |
| A, B, C | Flammable liquid cargoes, as defined in 46 CFR 30-10.22. |
| D, E | Combustible liquid cargoes, as defined in 46 CFR 30-10.15. |
| Note 4 | The flammability/combustibility grade of these cargoes may vary depending upon the flashpoint and Reid vapor pressure. The Person-in-Charge shall verify the cargo grade based on Manufacturers data and ensure that the barge is authorized for carriage of that grade of cargo. |
| NA | Those subchapter O cargoes which are not classified as a flammable or combustible liquid. |
| # | No flammability/combustibility grade has been assigned yet,as the necessary flash point/vapor pressure data for such assignments are presently not available. |
| Hull Type | The required barge hull classification for carriage of the specified Subchapter O hazardous material cargo, see 46 CFR 151.10-1. |
| I | Designed to carry products which require the maximum preventive measures to preclude the uncontrolled release of the cargo. See 46 CFR 151.10-1(b)(1). |
| II | Designed to carry products which require significant preventive measures to preclude the uncontrolled release of cargo. See 46 CFR 151.10-1(b)(3). |
| III | Designed to carry products of sufficeint hazard to require a moderate degree of control. See 46 CFR 151.10-1(b)(4). |
| NA | Not applicable to barges certificated under Subchapter D. |

**Conditions of Carriage**

| | |
|---|---|
| Tank Group | The vessel's tank group (as defined in Section 4) which is authorized for carriage of the named cargo. |
| Vapor Recovery Approved (Y or N) | Yes: The vessel's VCS has been reviewed and approved by the MSC to control vapors of the specified cargo.<br>No: The vessel's VCS has been reviewed and is not approved by the MSC to control vapors of the specified cargo. |

**Conditions of Carriage**

| | |
|---|---|
| Tank Group | The vessel's tank group (as defined under the "46 CFR Tank Group Characteristics" listed on page 1) which is authorized for carriage of the named cargo. |
| Vapor Recovery Approved (Y or N) | Yes: The vessel's VCS has been reviewed and approved by the MSC to control vapors of the specified cargo.<br>No: The vessel's VCS has been reviewed and is not approved by the MSC to control vapors of the specified cargo. |
| VCS Category: | The specified cargo's provisional classification for vapor control systems. |
| Category 1 | (No additional VCS requirements above those for benzene, gasolines and crude oil) All requirements applying to the handling of oil and hazardous materials in Titles 33 and 46 Code of Federal Regulations (CFR) apply to these cargoes. Those specifically dealing with vapor control systems are in 33 CFR 155.750, 33 CFR 156.120, 33 CFR 156.170, 46 CFR 35.35 and 46 CFR 39. The cargo tank venting system calculations (46 CFR 39.20-11) and the pressure drop calculations (46 CFR 39.30-1(b)) must use appropriate friction factors, vapor densities and vapor growth rates. |
| Category 2 | (Polymerizes) Polymerization and residue build-up of these cargoes can adversely affect the vessel by fouling safety componenets and restricting vapor flow which could lead to cargo tank overpressurization. The vessel's owner must develop a method of ensuring all VCS safety components are functional and polymer build-up is not causing an unsafe condition due to increased pressure in the vapor control piping and cargo tanks. The method shall be acceptable to the local Officer in Charge, Marine Inspection. This is in addition to the requirements of Category 1. Please note that a material not normally considered a monomer can be a problem in detonation arrester. |
| Category 3 | (Highly toxic) VCSs for these toxic cargoes cannot use a spill valve or rupture disk as the primary means to meet the overfill protection requirement of 46 CFR 39.20-9. This requirement is in addition to the requirements of Category 1. |
| Category 4 | (Polymerizes and highly toxic) Must comply with requirements of Categories 1, 2 and 3. |
| Category 5 | (High vapor pressure) VCS pressure drop calculations for cargoes with a vapor pressure greater than 14.7 psia at 115 F must take into account increased vapor-air mixture densities and vapor growth rates as compared to Category 1cargoes. Consult the Marine Safety Center's VCS Guidelines for further information. This requirement is in addition to the requirements of Category 1. |
| Category 6 | (High vapor pressure and highly toxic) Must comply with requirements of Categories 1, 3 and 5. |
| Category 7 | (High vapor pressure and polymerizes) Must comply with requirements of Categories 1, 2 and 5. |
| none | The cargo has not been evaluated/classified for use in vapor control systems. |

DHS, USCG, CG-1270 (REV. 01-23)

OMB APPROVED
1625-0027

# UNITED STATES OF AMERICA

## DEPARTMENT OF HOMELAND SECURITY
## UNITED STATES COAST GUARD

### NATIONAL VESSEL DOCUMENTATION CENTER

# *CERTIFICATE OF DOCUMENTATION*

| VESSEL NAME | OFFICIAL NUMBER | IMO OR OTHER NUMBER | YEAR COMPLETED |
|---|---|---|---|
| CCL 9 | 551983 | 6237 | 1974 |

| HAILING PORT | HULL MATERIAL | MECHANICAL PROPULSION |
|---|---|---|
| NEW ORLEANS LA | STEEL | NO |

| GROSS TONNAGE | NET TONNAGE | LENGTH | BREADTH | DEPTH |
|---|---|---|---|---|
| 773 GRT | 773 NRT | 195.0 | 35.1 | 10.0 |

PLACE BUILT

PITTSBURGH PA

OWNERS

R B B L LLC

OPERATIONAL ENDORSEMENTS

COASTWISE

MANAGING OWNER

R B B L LLC
1237 HWY 75
SUNSHINE LA 70780

RESTRICTIONS

NONE

ENTITLEMENTS

NONE

REMARKS

NONE

ISSUE DATE

NOVEMBER 18, 2025

THIS CERTIFICATE EXPIRES

DECEMBER 31, 2026

Christine H. Walther

DIRECTOR, NATIONAL VESSEL DOCUMENTATION CENTER


U.S. COAST GUARD

# National Pollution Funds Center



Click on the Document Icon to the left of a record to display a COFR Confirmation in html. You may print the COFR Confirmation by right clicking your mouse and selecting "print" from the list.

| VESSEL NAME | VESSEL TYPE | HULL TYPE | GROSS TONNAGE | COFR NUMBER | EFFECTIVE DATE | EXPIRATION DATE | COFR APPLICANT | VIN | INSURANCE CANCEL FLAG |
|---|---|---|---|---|---|---|---|---|---|
| CCL 9 | TANKBARGE D | | 773 | 841310 - 21 | 2/19/2023 | 2/19/2026 | CHEM CARRIERS, L.L.C | D551983 | |

< Prev Next >



*Version 3.7 -- This version is designed for Internet Explorer, Edge, Chrome, Firefox and Safari.*

Ksolv

## BARGE PIPING LETTER

INSTURCTIONS: ALL FIELDS ARE REQUIRED. USE N/A ON ANY NON-APPLICABLE LINE.

BARGE OWNER/BARGE NAME: CHEM CARRIERS / CCL-9

Letter expiration date (one year from test date): 11-12-2026

NOTE: Test results are valid for (1) year from the date of test.

1. Cargo Piping and Valves (actual date of test): 11-12-2025

   Test Pressure (188 psi): 188 psi

2. Cargo Relief Valve (actual date of test): 11-12-2025

   Test Pressure (125 psi): 125 psi

3. Cargo Pressure Gauge (actual date of test): 11-12-2025

   Percent of Accuracy (%): 98 %

4. Steam Piping and Relief Valves (actual date of test): N/A

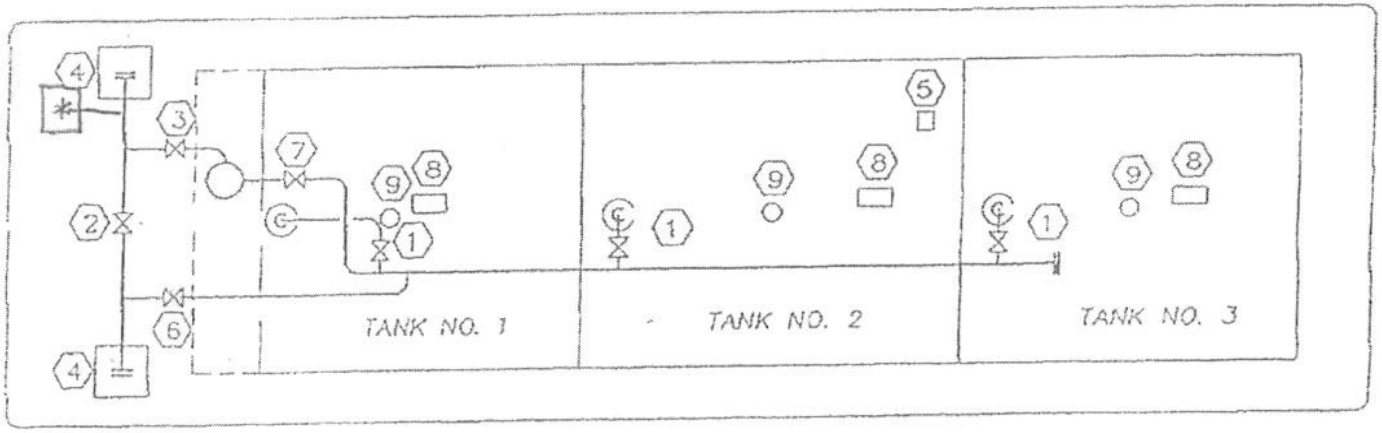
   Test Pressure (125 psi): N/A

| | |
|---|---|
| Signature of Tester: | Joshua Mojarro |
| Printed Name of Tester: | Joshua Mojarro |
| Company/Location of Tester: | KSOLV Maritime / Channelview TX |

1015 Lakeside Dr, Channelview, TX 77530
Phone: 281-452-4000 Fax: 281-452-5523
Revised 10/03/2019

CCL 9

1 – 8" CARGO TANK VALVE
2 – 8" HEADER CROSSOVER VALVE
3 – 6" DISCHARGE VALVE
4 – DRIP PAN
5 – REMOTE ENG. SHUTDOWN
6 – 8" CARGO FILL VALVE
7 – PUMP BLOCK VALVE
8 – P/V VALVE
9 – 8" ULLAGE




CARGO PIPING

CCL 9

LAW # 12151742

**LAW VALVE of TEXAS**
13702 Force Street Houston, TX 77015
PHONE 713-453-0413 FAX 713-453-3535

# SHOP ORDER AND TEST REPORT

CUSTOMER Chem Carriers ORDER # _____

MAKE Farris SIZE 4"x4" MODEL # 2975

SERIAL # L219742 LAW TAG INLET 4" 250 OUTLET 4" 125

CONSTRUCTION: ☒CONVENTIONAL ☐SPILL ☐INTERNAL ☐PILOT ☐P/V

CAP: ☒PLAIN ☐OPEN LEVER ☐BELLOWS

TAG CCL 9 SET PRESSURE 125 psi

LOCATION _____ ORIFICE M

WORK REQUIRED: ☐TEST ONLY ☐TEST & RESET ☐PRETEST REQUIRED

☒COMPLETE OVERHAUL ☒TEST AIR LAST REPAIR DATE _____

CONDITION RECEIVED: INITIAL POP _____ LEAKED AT _____

GENERAL CONDITION PRE-REPAIR:

| INLET: | SEATS: | GUIDE: | OUTLET: |
|---|---|---|---|
| ☒DIRTY | ☐FOULED | ☐FOULED | ☒DIRTY |
| ☐PLUGGED | ☐CUT | ☒DIRTY | ☐PLUGGED |
| ☒FLANGE PITTED | ☒DIRTY | ☐CORRODED | ☒FLANGE PITTED |
| ☐GOOD COND | ☐CORRODED | ☐FROZEN | ☐GOOD COND. |
| | ☐GOOD COND | ☐GOOD COND | |

SPRING: ☐CORRODED ☐BROKEN ☒GOOD COND ☐WEAK

WORK ☒ST ☐O/T

REPAIRS: ☒LAPPED SEATS ☐MACH. DISC. ☐MACH. NOZZLE ☒MACH. FLANGE ☒REPLACED GASKETS

PARTS REPLACED AND OTHER WORK:

---

## FINAL TEST REPORT

DATE 12-17-2015

SET PRESSURE 125 PSI Pressure

NOZZLE RING SETTING N/A GUIDE SETTING N/A

BACK PRESSURE 30 psi

TESTED BY [signature] WITNESS BY Robert Davis

U.S. COAST GUARD WITNESS _____

## CARGO TRANSFER PROCEDURES

## *CHEM CARRIERS L.L.C.*

## TRANSFER FROM BARGE TO DOCK

***PARTS***

1. **PRODUCTS TRANSFERRED**
2. **DESCRIPTION OF SYSTEM**
3. **PERSONS ON DUTY**
4. **PERSONS IN CHARGE**
5. **EMERGENCY SHUTDOWN**
6. **TOPPING OFF PROCEDURE**
7. **COMPLETION OF TRANSFER**
8. **REPORTING CARGO SPILLS**
9. **VESSEL CLOSURES**
10. **PRODUCT DATA**
    **Barge CCL 9**

### PARTS 1. PRODUCTS TRANSFERRED

33 CFR 155.750 (a) (1) (i)

This vessel is certificated for the carriage of grades "A" and lower Sub-Chapter (D) and (O) Products. Reference Certificate of Inspection.

### PARTS 2. DESCRIPTION OF CARGO TRANSFER SYSTEM

33 CFR 155.750 (a) (2) (i) (ii)

The standard cargo transfer procedures apply to all Chem Carrier L.L.C. owned or leased tank barges. In most cases other than series built barges, the cargo piping arrangement is usually slightly different on every barge, and for this reason, the piping diagram must be studied before loading or discharging a barge. The basic concept for loading and discharging is fairly standard depending on the location of the pump.

A. (Reference the piping diagram for transfer system arrangement.)

B. PROCEDURES FOR THE CONTAINMENT SYSTEM
33 CFR 155.310 (a) (1) (iv)
33 CFR 155.750 (a) (2) (iii)

The containment pans are equipped with a drain for the removal of slops to shore facilities:

**NEVER DRAIN THE CONTAINMENT TANKS ONTO THE DECK.**

## PARTS 3. PERSONS ON DUTY DURING TRANSFER

33 CFR 155.750 (a) (3)

Number of persons required to be on duty during transfer operations:

At no time during the transfer operation will be less than one responsible person on duty. The certified tankerman assigned shall be in charge and responsible for the safe transfer of cargo.

## PARTS 4. PERSONS IN CHARGE

The tankerman (person in charge) is responsible for transferring cargo and carrying out related operations on board in an efficient, safe, and pollution free manner. The tankerman whether employed by the towboat, owner, operator, a shore tankerman service, or Chem Carriers L.L.C., shall comply with all Coast Guard, State and local regulations. Tankerman's responsibility shall include but not be limited to the following:

A. To have on his/her person a valid merchant marine document endorsed as tankerman, certified to handle the grade of cargo to be transferred.

B. Make a thorough inspection of the barge prior to the start of transfer operation.

C. To have proper connection of the grounding cable.

D. The vessel's moorings are adequate to hold during all expected conditions of surge, current, wind, tide, etc., and lines are long enough to allow for surge, tide, wind, changes in draft etc.

E. Proper hose sizes, lengths, support, and connections.

F. The condition of fire extinguishers and required number.

G. The person in charge of transfer operations on the transferring vessel or facility and the person in charge of transferring operations on the receiving vessel or facility agree to begin the transfer operations.

H. The transfer operation between tank barges and dock facilities should be lighted between sunset and sunrise to comply with the U. S. Coast Guard regulation pertaining to the displaying of lights on barges as required by Title 33.

## PARTS 5. EMERGENCY SHUTDOWN

33 CFR 155.750 (a) (6)

THE EMERGENCY SHUTDOWN IS LOCATED NEAR THE CENTER OF THE BARGE.

A. In the event of an emergency, transfer operations can be stopped by pulling the remote shutdown cable.
B. Familiarize yourself with its location and operation prior to transfer

## PARTS 6. TOPPING OFF PROCEDURES

33 CFR 155.750 (a) (7)

In the process of topping off, tanks should be loaded at different levels to top off one at a time. Extra care should be taken to avoid over pressuring the connections, and hoses by closing valves against the receiving line. Since barges and facilities vary in their systems, no standard for topping off exist, but the following should be considered:

A. The closing of one tank increases the rate of flow to other tanks on the same line.

B. Always consider temperature and cargo in accordance with the amount of expansion that should be allowed.

C. Always maintain communications with dock or shore personnel.

D. CCL 9 is equipped with an overhead load line with a load valve for each cargo tank. This line is intended for use in the caustic soda trade to load over frozen sumps.

## PARTS 7. COMPLETION OF TRANSFER

33 CFR 155.750 (a) (8)

Upon the completion of the transfer all pipelines should be vented and drained into cargo tanks. The header valve used during the operation should than be closed, sealed off with a blind flange and shore personnel should seal lines and hatches on vessel.

## PARTS 8. REPORTING CARGO SPILLS

33 CFR 155.750 (a) (9)

Should an accidental discharge of product occur, you should consider the following:

A. Locate the source of the spill and try to stop it, if possible, and safe to do so.

B. Make an attempt to contain the product if possible.

C. Notify the Coast Guard. The national Response Center at 1-800-424-9300.

D. Notify Chem Carriers L.L.C. at (225) 642-0060.

E. If loading, transfer the cargo from the leaking tank to an adjacent tank or back to the dock if safe to do so.

F. If discharging, pump the product from the leaking tank as quickly as possible if safe to do so.

***When reporting a spill, the tankerman should provide the following information:**

A. Name (his or her)
B. Name of Company: (employed by; contracted by)
C. Name of Barge
D. Spill Location
E. Specify Product
F. Estimate Quantity of Spill
G. Weather, Tide, Sea and Current Conditions
H. Cause of Spill
I. Action Being Taken to Contain and Stop Spill

## PART 9. CLOSURES ON VESSELS

Upon completion of cargo transfer operations, all tank hatch covers, ullage covers, and gauging device covers shall be dogged down and secured. In addition, the vent drain valves, if installed, should be secured and left in the proper position. All drain valves should be closed, and drip pan covers, if installed, should be made up tight. Covers for void spaces, bow and stern compartments shall be secured at all times and checked for tightness. Closing devices on clean-out hatches and clean-out opening should be checked, especially when the barge is loaded.

## PART 10. PRODUCT DATA

See specific MSDS sheets provided with these procedures.

In case of any other emergency, immediately shut down and notify the transferring facility, and Chem Carriers L.L.C.

(225) 642-0060 24 Hour Line.

# VESSEL INCIDENT / ACCIDENT NOTIFICATION CHART

Incidents that involve injury or illness, spill / pollution or a probable discharge, significant equipment failure, property damage, cargo related issues, service delays or any accident involving a Chem Carriers Towing, LLC vessel or crewmember shall be immediately called into the Chem Carriers Towing, LLC 24-hour Emergency Hotline at **225-642-0060**

## Master Standing the Watch

**Once the situation has been stabilized and all safety issues have been addressed, immediately contact the Chem Carriers Towing, LLC Emergency Hotline (225-642-0060)**

**Any serious marine incident, or any incident that has the potential to become a serious marine incident, alcohol testing shall be conducted on all involved crewmembers within 2 hours, whether onboard the vessel or at a testing facility.**

**NATIONAL Response Center**

**1-800-424-8802**
**or**
**1-202-267-2675**

**MADANTORY for all pollution incidents on CCT equipment**

**Chem Carriers Towing, LLC Emergency Hotline**

**Qualified Individual (QI)**

**225-642-0060**

## State Notifications

**Louisiana 225-925-6595**
**Mississippi 601-987-1212**
**Texas 409-924-5400**

## USCG COTP ZONES

**Baton Rouge 225-298-5400**
**New Orleans 504-365-2200**
**Morgan City 985-380-5320**
**Lake Charles 337-721-5741**

**Oil Spill Removal Organization**
**Customer**
**Internal**

**Reference Emergency Response Guidelines for a Complete List of Required Notifications**

U.S. Department of Homeland Security
United States Coast Guard

Commanding Officer
United States Coast Guard
Marine Safety Center

US Coast Guard Stop 7430
2703 Martin Luther King Jr. Ave. SE
Washington, DC 20593-7430
Staff Symbol: MSC-5
Phone: (202) 795-6729
Email: securityplaninfo@uscg.mil

16710
VS-326893
December 3, 2024

Chem Carriers, LLC
Attn: Robert Banta
1237 Hwy 75
Sunshine, LA 70780
robert@chemcarriers.com

Subj: CHEM CARRIERS, LLC VESSELS
VESSEL SECURITY PLAN APPROVAL WITH AMENDMENTS

Ref: (a) Your correspondence dated November 6, 2024
(b) Title 33 Code of Federal Regulations (CFR) Part 104
(c) MSC Vessel Security Plan Approval letter dated October 16, 2024

Dear Mr. Banta:

We have conducted a review of the Vessel Security Plan (VSP) submitted with reference (a) in accordance with reference (b) and it is "**Approved**."

Your vessel must operate in compliance with this approved VSP and the requirements contained in reference (b). You are reminded to immediately report any deviation from this approved plan to the local Captain of the Port (COTP)/Officer in Charge, Marine Inspection (OCMI).

This approval will remain valid until five years from the date of reference (c) unless rescinded in writing by the local COTP/OCMI. You must review your plan annually and submit any amendments to this office for approval. Please ensure that a copy of the VSP is maintained on board the vessel if manned, or, if unmanned, at a suitable secure location so that it is readily available during an emergency or security incident. You shall make available to the Coast Guard, upon request, this letter, the VSP and any information related to the implementation of the VSP. Our Case Number for this plan is 326893. Please ensure that all future correspondence includes this Case Number.

Sincerely,

K. C. WILLIAMS
Lieutenant Commander, U.S. Coast Guard
Chief, Vessel Security Division
By direction

Enclosures: (1) List of Vessel Security Plan Amendments
(2) List of Vessels Covered

**List of Vessels Covered**

| Vessel Name | Official Number (O.N.) |
|---|---|
| CCL-1 | 518612 |
| CCL 2 | 510107 |
| CCL-3 | 296363 |
| CCL 4 | 512519 |
| CCL-5 | 512520 |
| CCL-6 | 530996 |
| CCL7 | 551980 |
| CCL 8 | 551982 |
| CCL 9 | 551983 |
| CCL 10 | 551979 |
| CCL 11 | 551976 |
| CCL 14 | 1164451 |
| CCL 15 | 1164452 |
| CCL 16 | 1164666 |
| CCL 17 | 1166179 |
| CCL 18 | 1168981 |
| CCL 19 | 1168980 |
| CCL 20 | 1191598 |
| CCL 21 | 1191599 |
| CCL 22 | 1191600 |
| CCL 23 | 1191601 |
| CCL 24 | 1196547 |
| CCL 25 | 1196548 |
| CCL 26 | 1203816 |
| CCL 27 | 1203817 |
| CCL 28 | 1212828 |
| CCL 29 | 1212829 |
| CCL 30 | 1305871 |
| CCL 31 | 1305870 |
| CCL 32 | 1305869 |
| CCL 33 | 1305868 |
| CCL 401 | 1216671 |
| CCL 402 | 1219910 |
| CCL 403 | 1231311 |
| CCL 404 | 1231312 |
| CCL 405 | 1236867 |
| CCL 406 | 1236866 |
| CCL 407 | 1246320 |
| CCL 408 | 1246097 |
| CCL 409 | 1246098 |
| CCL 410 | 1255906 |
| CCL 411 | 1255907 |
| CCL 414-L | 1262941 |
| CCL 415-T | 1262942 |

| Vessel Name | Official Number (O.N.) |
|---|---|
| CCL 416-T | 1264691 |
| CCL 417 T | 1298307 |
| CCL 418-L | 1306896 |
| CCL 419-L | 1306897 |
| CCL 420-T | 1348560 |
| CCL 421-T | CG1843359 |
| CCL 3202 | 1089031 |
| HFL 413 | 1237482 |
| HFL 415 | 1237483 |
| HFL 435 | 1236563 |
| HFL 605 | 1237484 |

Chas. MARTIN Inspectors of Petroleum, Inc.
INDEPENDENT LICENSED INSPECTION
JAMES J. MULLIN, PRESIDENT

# BARGE CCL 9

GENERAL AMERICAN TRANSPORTATION LEASING CORPORATION

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

TANK NUMBER:

DRAVO HULL NO. 6238

| 0 FEET | | 1 FEET | | 2 FEET | | 3 FEET | | 4 FEET | | 5 FEET | | 6 FEET | | 7 FEET | | 8 FEET | | 9 FEET | | 10 FEET | | 11 FEET | | 12 FEET | | 13 FEET | | 14 FEET | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| IN. | | IN. | | IN. | | IN. | | IN. | | IN. | | IN. | | IN. | | IN. | | IN. | | IN. | | IN. | | IN. | | IN. | | IN. | |
| 0 | * 772 | 0 | 11,638 | 0 | 22,502 | 0 | 33,339 | 0 | 44,197 | 0 | 55,063 | 0 | 65,929 | 0 | 76,795 | 0 | 87,661 | 0 | 98,526 | 0 | 109,322 | 0 | 118,843 | 0 | 128,362 | 0 | 137,880 | 0 | 144,118 |
| ¼ | 998 | ¼ | 11,865 | ¼ | 22,729 | ¼ | 33,565 | ¼ | 44,423 | ¼ | 55,289 | ¼ | 66,155 | ¼ | 77,021 | ¼ | 87,887 | ¼ | 98,753 | ¼ | 109,522 | ¼ | 119,041 | ¼ | 128,560 | ¼ | 138,079 | ¼ | 144,127 |
| ½ | 1,225 | ½ | 12,091 | ½ | 22,955 | ½ | 33,790 | ½ | 44,650 | ½ | 55,516 | ½ | 66,381 | ½ | 77,247 | ½ | 88,113 | ½ | 98,979 | ½ | 109,721 | ½ | 119,240 | ½ | 128,758 | ½ | 138,277 | ½ | |
| ¾ | 1,451 | ¾ | 12,317 | ¾ | 23,181 | ¾ | 34,016 | ¾ | 44,876 | ¾ | 55,742 | ¾ | 66,608 | ¾ | 77,474 | ¾ | 88,340 | ¾ | 99,206 | ¾ | 109,919 | ¾ | 119,438 | ¾ | 128,957 | ¾ | 138,475 | ¾ | |
| 1 | 1,678 | 1 | 12,544 | 1 | 23,408 | 1 | 34,241 | 1 | 45,102 | 1 | 55,968 | 1 | 66,834 | 1 | 77,700 | 1 | 88,566 | 1 | 99,432 | 1 | 110,117 | 1 | 119,636 | 1 | 129,155 | 1 | 138,674 | 1 | |
| ¼ | 1,904 | ¼ | 12,770 | ¼ | 23,634 | ¼ | 34,467 | ¼ | 45,329 | ¼ | 56,195 | ¼ | 67,061 | ¼ | 77,926 | ¼ | 88,792 | ¼ | 99,658 | ¼ | 110,316 | ¼ | 119,834 | ¼ | 129,353 | ¼ | 138,872 | ¼ | |
| ½ | 2,131 | ½ | 12,996 | ½ | 23,860 | ½ | 34,692 | ½ | 45,555 | ½ | 56,421 | ½ | 67,287 | ½ | 78,153 | ½ | 89,019 | ½ | 99,885 | ½ | 110,514 | ½ | 120,033 | ½ | 129,551 | ½ | 139,070 | ½ | |
| ¾ | 2,357 | ¾ | 13,223 | ¾ | 24,087 | ¾ | 34,917 | ¾ | 45,782 | ¾ | 56,647 | ¾ | 67,513 | ¾ | 78,379 | ¾ | 89,245 | ¾ | 100,111 | ¾ | 110,712 | ¾ | 120,231 | ¾ | 129,750 | ¾ | 139,268 | ¾ | |
| 2 | 2,583 | 2 | 13,449 | 2 | 24,313 | 2 | 35,143 | 2 | 46,008 | 2 | 56,874 | 2 | 67,740 | 2 | 78,606 | 2 | 89,471 | 2 | 100,337 | 2 | 110,911 | 2 | 120,429 | 2 | 129,948 | 2 | 139,467 | 2 | |
| ¼ | 2,810 | ¼ | 13,675 | ¼ | 24,539 | ¼ | 35,368 | ¼ | 46,234 | ¼ | 57,100 | ¼ | 67,966 | ¼ | 78,832 | ¼ | 89,698 | ¼ | 100,564 | ¼ | 111,109 | ¼ | 120,628 | ¼ | 130,146 | ¼ | 139,665 | ¼ | |
| ½ | 3,036 | ½ | 13,902 | ½ | 24,766 | ½ | 35,595 | ½ | 46,461 | ½ | 57,327 | ½ | 68,192 | ½ | 79,058 | ½ | 89,924 | ½ | 100,790 | ½ | 111,307 | ½ | 120,826 | ½ | 130,345 | ½ | 139,863 | ½ | |
| ¾ | 3,263 | ¾ | 14,128 | ¾ | 24,992 | ¾ | 35,821 | ¾ | 46,687 | ¾ | 57,553 | ¾ | 68,419 | ¾ | 79,285 | ¾ | 90,151 | ¾ | 101,017 | ¾ | 111,506 | ¾ | 121,024 | ¾ | 130,543 | ¾ | 140,062 | ¾ | |
| 3 | 3,489 | 3 | 14,354 | 3 | 25,219 | 3 | 36,048 | 3 | 46,913 | 3 | 57,779 | 3 | 68,645 | 3 | 79,511 | 3 | 90,377 | 3 | 101,243 | 3 | 111,704 | 3 | 121,223 | 3 | 130,741 | 3 | 140,260 | 3 | |
| ¼ | 3,716 | ¼ | 14,581 | ¼ | 25,445 | ¼ | 36,274 | ¼ | 47,140 | ¼ | 58,006 | ¼ | 68,872 | ¼ | 79,737 | ¼ | 90,603 | ¼ | 101,469 | ¼ | 111,902 | ¼ | 121,421 | ¼ | 130,940 | ¼ | 140,458 | ¼ | |
| ½ | 3,942 | ½ | 14,807 | ½ | 25,671 | ½ | 36,500 | ½ | 47,366 | ½ | 58,232 | ½ | 69,098 | ½ | 79,964 | ½ | 90,830 | ½ | 101,696 | ½ | 112,100 | ½ | 121,619 | ½ | 131,138 | ½ | 140,657 | ½ | |
| ¾ | 4,168 | ¾ | 15,033 | ¾ | 25,898 | ¾ | 36,727 | ¾ | 47,593 | ¾ | 58,458 | ¾ | 69,324 | ¾ | 80,190 | ¾ | 91,056 | ¾ | 101,922 | ¾ | 112,299 | ¾ | 121,817 | ¾ | 131,336 | ¾ | 140,844 | ¾ | |
| 4 | 4,395 | 4 | 15,260 | 4 | 26,124 | 4 | 36,953 | 4 | 47,819 | 4 | 58,685 | 4 | 69,551 | 4 | 80,417 | 4 | 91,282 | 4 | 102,148 | 4 | 112,497 | 4 | 122,016 | 4 | 131,534 | 4 | 141,031 | 4 | |
| ¼ | 4,621 | ¼ | 15,486 | ¼ | 26,350 | ¼ | 37,179 | ¼ | 48,045 | ¼ | 58,911 | ¼ | 69,777 | ¼ | 80,643 | ¼ | 91,509 | ¼ | 102,375 | ¼ | 112,695 | ¼ | 122,214 | ¼ | 131,733 | ¼ | 141,217 | ¼ | |
| ½ | 4,848 | ½ | 15,712 | ½ | 26,576 | ½ | 37,406 | ½ | 48,272 | ½ | 59,138 | ½ | 70,003 | ½ | 80,869 | ½ | 91,735 | ½ | 102,600 | ½ | 112,894 | ½ | 122,412 | ½ | 131,931 | ½ | 141,404 | ½ | |
| ¾ | 5,074 | ¾ | 15,939 | ¾ | 26,801 | ¾ | 37,632 | ¾ | 48,498 | ¾ | 59,364 | ¾ | 70,230 | ¾ | 81,096 | ¾ | 91,962 | ¾ | 102,826 | ¾ | 113,092 | ¾ | 122,611 | ¾ | 132,129 | ¾ | 141,569 | ¾ | |
| 5 | 5,301 | 5 | 16,165 | 5 | 27,027 | 5 | 37,858 | 5 | 48,724 | 5 | 59,590 | 5 | 70,456 | 5 | 81,322 | 5 | 92,188 | 5 | 103,051 | 5 | 113,290 | 5 | 122,809 | 5 | 132,328 | 5 | 141,733 | 5 | |
| ¼ | 5,527 | ¼ | 16,391 | ¼ | 27,252 | ¼ | 38,085 | ¼ | 48,951 | ¼ | 59,817 | ¼ | 70,683 | ¼ | 81,548 | ¼ | 92,414 | ¼ | 103,277 | ¼ | 113,489 | ¼ | 123,007 | ¼ | 132,526 | ¼ | 141,897 | ¼ | |
| ½ | 5,753 | ½ | 16,618 | ½ | 27,477 | ½ | 38,311 | ½ | 49,177 | ½ | 60,043 | ½ | 70,909 | ½ | 81,775 | ½ | 92,641 | ½ | 103,503 | ½ | 113,687 | ½ | 123,206 | ½ | 132,724 | ½ | 142,062 | ½ | |
| ¾ | 5,980 | ¾ | 16,844 | ¾ | 27,703 | ¾ | 38,538 | ¾ | 49,404 | ¾ | 60,269 | ¾ | 71,135 | ¾ | 82,001 | ¾ | 92,867 | ¾ | 103,728 | ¾ | 113,885 | ¾ | 123,404 | ¾ | 132,923 | ¾ | 142,203 | ¾ | |
| 6 | 6,206 | 6 | 17,070 | 6 | 27,928 | 6 | 38,764 | 6 | 49,630 | 6 | 60,496 | 6 | 71,362 | 6 | 82,228 | 6 | 93,093 | 6 | 103,954 | 6 | 114,084 | 6 | 123,602 | 6 | 133,121 | 6 | 142,345 | 6 | |
| ¼ | 6,432 | ¼ | 17,297 | ¼ | 28,154 | ¼ | 38,990 | ¼ | 49,856 | ¼ | 60,722 | ¼ | 71,588 | ¼ | 82,454 | ¼ | 93,320 | ¼ | 104,179 | ¼ | 114,282 | ¼ | 123,801 | ¼ | 133,319 | ¼ | 142,487 | ¼ | |
| ½ | 6,659 | ½ | 17,523 | ½ | 28,379 | ½ | 39,217 | ½ | 50,083 | ½ | 60,949 | ½ | 71,814 | ½ | 82,680 | ½ | 93,546 | ½ | 104,405 | ½ | 114,480 | ½ | 123,999 | ½ | 133,518 | ½ | 142,628 | ½ | |
| ¾ | 6,885 | ¾ | 17,749 | ¾ | 28,605 | ¾ | 39,443 | ¾ | 50,309 | ¾ | 61,175 | ¾ | 72,041 | ¾ | 82,907 | ¾ | 93,773 | ¾ | 104,630 | ¾ | 114,678 | ¾ | 124,197 | ¾ | 133,716 | ¾ | 142,747 | ¾ | |
| 7 | 7,111 | 7 | 17,976 | 7 | 28,830 | 7 | 39,669 | 7 | 50,535 | 7 | 61,401 | 7 | 72,267 | 7 | 83,133 | 7 | 93,999 | 7 | 104,856 | 7 | 114,877 | 7 | 124,395 | 7 | 133,914 | 7 | 142,866 | 7 | |
| ¼ | 7,338 | ¼ | 18,202 | ¼ | 29,056 | ¼ | 39,896 | ¼ | 50,762 | ¼ | 61,628 | ¼ | 72,494 | ¼ | 83,359 | ¼ | 94,225 | ¼ | 105,082 | ¼ | 115,075 | ¼ | 124,594 | ¼ | 134,112 | ¼ | 142,985 | ¼ | |
| ½ | 7,564 | ½ | 18,428 | ½ | 29,281 | ½ | 40,122 | ½ | 50,988 | ½ | 61,854 | ½ | 72,720 | ½ | 83,586 | ½ | 94,452 | ½ | 105,307 | ½ | 115,273 | ½ | 124,792 | ½ | 134,311 | ½ | 143,104 | ½ | |
| ¾ | 7,790 | ¾ | 18,655 | ¾ | 29,507 | ¾ | 40,349 | ¾ | 51,214 | ¾ | 62,080 | ¾ | 72,946 | ¾ | 83,812 | ¾ | 94,678 | ¾ | 105,533 | ¾ | 115,472 | ¾ | 124,990 | ¾ | 134,509 | ¾ | 143,201 | ¾ | |
| 8 | 8,017 | 8 | 18,881 | 8 | 29,732 | 8 | 40,575 | 8 | 51,441 | 8 | 62,307 | 8 | 73,173 | 8 | 84,039 | 8 | 94,904 | 8 | 105,758 | 8 | 115,670 | 8 | 125,189 | 8 | 134,707 | 8 | 143,297 | 8 | |
| ¼ | 8,243 | ¼ | 19,107 | ¼ | 29,957 | ¼ | 40,801 | ¼ | 51,667 | ¼ | 62,533 | ¼ | 73,399 | ¼ | 84,265 | ¼ | 95,131 | ¼ | 105,984 | ¼ | 115,868 | ¼ | 125,387 | ¼ | 134,906 | ¼ | 143,393 | ¼ | |
| ½ | 8,469 | ½ | 19,334 | ½ | 30,183 | ½ | 41,028 | ½ | 51,894 | ½ | 62,760 | ½ | 73,625 | ½ | 84,491 | ½ | 95,357 | ½ | 106,209 | ½ | 116,067 | ½ | 125,585 | ½ | 135,104 | ½ | 143,489 | ½ | |
| ¾ | 8,696 | ¾ | 19,560 | ¾ | 30,408 | ¾ | 41,254 | ¾ | 52,120 | ¾ | 62,986 | ¾ | 73,852 | ¾ | 84,718 | ¾ | 95,584 | ¾ | 106,435 | ¾ | 116,265 | ¾ | 125,784 | ¾ | 135,302 | ¾ | 143,563 | ¾ | |
| 9 | 8,922 | 9 | 19,786 | 9 | 30,634 | 9 | 41,480 | 9 | 52,346 | 9 | 63,212 | 9 | 74,078 | 9 | 84,944 | 9 | 95,810 | 9 | 106,661 | 9 | 116,463 | 9 | 125,982 | 9 | 135,501 | 9 | 143,637 | 9 | |
| ¼ | 9,148 | ¼ | 20,013 | ¼ | 30,859 | ¼ | 41,707 | ¼ | 52,573 | ¼ | 63,439 | ¼ | 74,305 | ¼ | 85,170 | ¼ | 96,036 | ¼ | 106,886 | ¼ | 116,662 | ¼ | 126,180 | ¼ | 135,699 | ¼ | 143,710 | ¼ | |
| ½ | 9,375 | ½ | 20,239 | ½ | 31,085 | ½ | 41,933 | ½ | 52,799 | ½ | 63,665 | ½ | 74,531 | ½ | 85,397 | ½ | 96,263 | ½ | 107,112 | ½ | 116,860 | ½ | 126,379 | ½ | 135,897 | ½ | 143,784 | ½ | |
| ¾ | 9,601 | ¾ | 20,465 | ¾ | 31,310 | ¾ | 42,160 | ¾ | 53,025 | ¾ | 63,891 | ¾ | 74,757 | ¾ | 85,623 | ¾ | 96,489 | ¾ | 107,337 | ¾ | 117,058 | ¾ | 126,577 | ¾ | 136,096 | ¾ | 143,835 | ¾ | |
| 10 | 9,828 | 10 | 20,692 | 10 | 31,536 | 10 | 42,386 | 10 | 53,252 | 10 | 64,118 | 10 | 74,984 | 10 | 85,850 | 10 | 96,715 | 10 | 107,563 | 10 | 117,256 | 10 | 126,775 | 10 | 136,294 | 10 | 143,886 | 10 | |
| ¼ | 10,054 | ¼ | 20,918 | ¼ | 31,761 | ¼ | 42,612 | ¼ | 53,478 | ¼ | 64,344 | ¼ | 75,210 | ¼ | 86,076 | ¼ | 96,942 | ¼ | 107,788 | ¼ | 117,455 | ¼ | 126,973 | ¼ | 136,492 | ¼ | 143,937 | ¼ | |
| ½ | 10,280 | ½ | 21,144 | ½ | 31,987 | ½ | 42,839 | ½ | 53,705 | ½ | 64,570 | ½ | 75,436 | ½ | 86,302 | ½ | 97,168 | ½ | 108,014 | ½ | 117,653 | ½ | 127,172 | ½ | 136,690 | ½ | 143,988 | ½ | |
| ¾ | 10,507 | ¾ | 21,371 | ¾ | 32,212 | ¾ | 43,065 | ¾ | 53,931 | ¾ | 64,797 | ¾ | 75,663 | ¾ | 86,529 | ¾ | 97,395 | ¾ | 108,240 | ¾ | 117,851 | ¾ | 127,370 | ¾ | 136,889 | ¾ | 144,016 | ¾ | |
| 11 | 10,733 | 11 | 21,597 | 11 | 32,437 | 11 | 43,291 | 11 | 54,157 | 11 | 65,023 | 11 | 75,889 | 11 | 86,755 | 11 | 97,621 | 11 | 108,465 | 11 | 118,050 | 11 | 127,568 | 11 | 137,087 | 11 | 144,045 | 11 | |
| ¼ | 10,959 | ¼ | 21,823 | ¼ | 32,663 | ¼ | 43,518 | ¼ | 54,384 | ¼ | 65,250 | ¼ | 76,116 | ¼ | 86,981 | ¼ | 97,847 | ¼ | 108,679 | ¼ | 118,248 | ¼ | 127,767 | ¼ | 137,285 | ¼ | 144,073 | ¼ | |
| ½ | 11,186 | ½ | 22,050 | ½ | 32,888 | ½ | 43,744 | ½ | 54,610 | ½ | 65,476 | ½ | 76,342 | ½ | 87,208 | ½ | 98,074 | ½ | 108,894 | ½ | 118,446 | ½ | 127,965 | ½ | 137,484 | ½ | 144,101 | ½ | |
| ¾ | 11,412 | ¾ | 22,276 | ¾ | 33,114 | ¾ | 43,971 | ¾ | 54,836 | ¾ | 65,702 | ¾ | 76,568 | ¾ | 87,434 | ¾ | 98,300 | ¾ | 109,108 | ¾ | 118,645 | ¾ | 128,163 | ¾ | 137,682 | ¾ | 144,110 | ¾ | |

CAPACITY IN U. S. GALLONS

*CAPACITY BELOW STRIKE PLATE.

GAUGE HEIGHT: 15'-6 1/2" (RIM OF STANDPIPE OPPOSITE LATCH)

STRAPPED MARCH 13, 1974

BY J. E. Painton

Chas. MARTIN Inspectors of Petroleum, Inc.
INDEPENDENT LICENSED INSPECTION
JAMES J. MULLIN, PRESIDENT

# BARGE CCL 9

GENERAL AMERICAN TRANSPORTATION LEASING CORPORATION

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

TANK NUMBER: 2

DRAVO HULL NO. 6238

| 0 FEET | | 1 FEET | | 2 FEET | | 3 FEET | | 4 FEET | | 5 FEET | | 6 FEET | | 7 FEET | | 8 FEET | | 9 FEET | | 10 FEET | | 11 FEET | | 12 FEET | | 13 FEET | | 14 FEET | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| IN. | | IN. | | IN. | | IN. | | IN. | | IN. | | IN. | | IN. | | IN. | | IN. | | IN. | | IN. | | IN. | | IN. | | IN. | |
| 0 | * 1,225 | 0 | 12,091 | 0 | 22,958 | 0 | 33,797 | 0 | 44,659 | 0 | 55,526 | 0 | 66,394 | 0 | 77,262 | 0 | 88,129 | 0 | 98,997 | 0 | 109,865 | 0 | 120,733 | 0 | 131,600 | 0 | 142,468 | 0 | 149,260 |
| 1/4 | 1,451 | 1/4 | 12,318 | 1/4 | 23,184 | 1/4 | 34,022 | 1/4 | 44,885 | 1/4 | 55,753 | 1/4 | 66,620 | 1/4 | 77,488 | 1/4 | 88,356 | 1/4 | 99,224 | 1/4 | 110,091 | 1/4 | 120,959 | 1/4 | 131,827 | 1/4 | 142,694 | 1/4 | |
| 1/2 | 1,677 | 1/2 | 12,544 | 1/2 | 23,411 | 1/2 | 34,248 | 1/2 | 45,111 | 1/2 | 55,979 | 1/2 | 66,847 | 1/2 | 77,715 | 1/2 | 88,582 | 1/2 | 99,450 | 1/2 | 110,318 | 1/2 | 121,185 | 1/2 | 132,053 | 1/2 | 142,921 | 1/2 | |
| 3/4 | 1,904 | 3/4 | 12,770 | 3/4 | 23,637 | 3/4 | 34,474 | 3/4 | 45,338 | 3/4 | 56,206 | 3/4 | 67,073 | 3/4 | 77,941 | 3/4 | 88,809 | 3/4 | 99,676 | 3/4 | 110,544 | 3/4 | 121,412 | 3/4 | 132,280 | 3/4 | 143,147 | 3/4 | |
| 1 | 2,130 | 1 | 12,997 | 1 | 23,863 | 1 | 34,699 | 1 | 45,564 | 1 | 56,432 | 1 | 67,300 | 1 | 78,167 | 1 | 89,035 | 1 | 99,903 | 1 | 110,771 | 1 | 121,638 | 1 | 132,506 | 1 | 143,374 | 1 | |
| 1/4 | 2,356 | 1/4 | 13,223 | 1/4 | 24,090 | 1/4 | 34,925 | 1/4 | 45,791 | 1/4 | 56,658 | 1/4 | 67,526 | 1/4 | 78,394 | 1/4 | 89,262 | 1/4 | 100,129 | 1/4 | 110,997 | 1/4 | 121,865 | 1/4 | 132,732 | 1/4 | 143,600 | 1/4 | |
| 1/2 | 2,583 | 1/2 | 13,450 | 1/2 | 24,316 | 1/2 | 35,150 | 1/2 | 46,017 | 1/2 | 56,885 | 1/2 | 67,753 | 1/2 | 78,620 | 1/2 | 89,488 | 1/2 | 100,356 | 1/2 | 111,223 | 1/2 | 122,091 | 1/2 | 132,959 | 1/2 | 143,826 | 1/2 | |
| 3/4 | 2,809 | 3/4 | 13,676 | 3/4 | 24,543 | 3/4 | 35,376 | 3/4 | 46,244 | 3/4 | 57,111 | 3/4 | 67,979 | 3/4 | 78,847 | 3/4 | 89,714 | 3/4 | 100,582 | 3/4 | 111,450 | 3/4 | 122,317 | 3/4 | 133,185 | 3/4 | 144,053 | 3/4 | |
| 2 | 3,036 | 2 | 13,902 | 2 | 24,769 | 2 | 35,602 | 2 | 46,470 | 2 | 57,338 | 2 | 68,205 | 2 | 79,073 | 2 | 89,941 | 2 | 100,808 | 2 | 111,676 | 2 | 122,544 | 2 | 133,412 | 2 | 144,279 | 2 | |
| 1/4 | 3,262 | 1/4 | 14,129 | 1/4 | 24,995 | 1/4 | 35,829 | 1/4 | 46,696 | 1/4 | 57,564 | 1/4 | 68,432 | 1/4 | 79,299 | 1/4 | 90,167 | 1/4 | 101,035 | 1/4 | 111,903 | 1/4 | 122,770 | 1/4 | 133,638 | 1/4 | 144,506 | 1/4 | |
| 1/2 | 3,488 | 1/2 | 14,355 | 1/2 | 25,222 | 1/2 | 36,055 | 1/2 | 46,923 | 1/2 | 57,790 | 1/2 | 68,658 | 1/2 | 79,526 | 1/2 | 90,394 | 1/2 | 101,261 | 1/2 | 112,129 | 1/2 | 122,997 | 1/2 | 133,864 | 1/2 | 144,732 | 1/2 | |
| 3/4 | 3,715 | 3/4 | 14,581 | 3/4 | 25,448 | 3/4 | 36,281 | 3/4 | 47,149 | 3/4 | 58,017 | 3/4 | 68,885 | 3/4 | 79,752 | 3/4 | 90,620 | 3/4 | 101,488 | 3/4 | 112,355 | 3/4 | 123,223 | 3/4 | 134,091 | 3/4 | 144,959 | 3/4 | |
| 3 | 3,941 | 3 | 14,808 | 3 | 25,675 | 3 | 36,508 | 3 | 47,376 | 3 | 58,243 | 3 | 69,111 | 3 | 79,979 | 3 | 90,846 | 3 | 101,714 | 3 | 112,582 | 3 | 123,450 | 3 | 134,317 | 3 | 145,185 | 3 | |
| 1/4 | 4,168 | 1/4 | 15,034 | 1/4 | 25,901 | 1/4 | 36,734 | 1/4 | 47,602 | 1/4 | 58,470 | 1/4 | 69,337 | 1/4 | 80,205 | 1/4 | 91,073 | 1/4 | 101,941 | 1/4 | 112,808 | 1/4 | 123,676 | 1/4 | 134,544 | 1/4 | 145,399 | 1/4 | |
| 1/2 | 4,394 | 1/2 | 15,261 | 1/2 | 26,127 | 1/2 | 36,961 | 1/2 | 47,828 | 1/2 | 58,696 | 1/2 | 69,564 | 1/2 | 80,432 | 1/2 | 91,299 | 1/2 | 102,167 | 1/2 | 113,035 | 1/2 | 123,902 | 1/2 | 134,770 | 1/2 | 145,613 | 1/2 | |
| 3/4 | 4,620 | 3/4 | 15,487 | 3/4 | 26,354 | 3/4 | 37,187 | 3/4 | 48,055 | 3/4 | 58,923 | 3/4 | 69,790 | 3/4 | 80,658 | 3/4 | 91,526 | 3/4 | 102,393 | 3/4 | 113,261 | 3/4 | 124,129 | 3/4 | 134,996 | 3/4 | 145,826 | 3/4 | |
| 4 | 4,847 | 4 | 15,713 | 4 | 26,579 | 4 | 37,414 | 4 | 48,281 | 4 | 59,149 | 4 | 70,017 | 4 | 80,884 | 4 | 91,752 | 4 | 102,620 | 4 | 113,487 | 4 | 124,355 | 4 | 135,223 | 4 | 146,040 | 4 | |
| 1/4 | 5,073 | 1/4 | 15,940 | 1/4 | 26,805 | 1/4 | 37,640 | 1/4 | 48,508 | 1/4 | 59,375 | 1/4 | 70,243 | 1/4 | 81,111 | 1/4 | 91,978 | 1/4 | 102,846 | 1/4 | 113,714 | 1/4 | 124,582 | 1/4 | 135,449 | 1/4 | 146,229 | 1/4 | |
| 1/2 | 5,300 | 1/2 | 16,166 | 1/2 | 27,030 | 1/2 | 37,866 | 1/2 | 48,734 | 1/2 | 59,602 | 1/2 | 70,469 | 1/2 | 81,337 | 1/2 | 92,205 | 1/2 | 103,073 | 1/2 | 113,940 | 1/2 | 124,808 | 1/2 | 135,676 | 1/2 | 146,418 | 1/2 | |
| 3/4 | 5,526 | 3/4 | 16,393 | 3/4 | 27,256 | 3/4 | 38,093 | 3/4 | 48,960 | 3/4 | 59,828 | 3/4 | 70,696 | 3/4 | 81,564 | 3/4 | 92,431 | 3/4 | 103,299 | 3/4 | 114,167 | 3/4 | 125,034 | 3/4 | 135,902 | 3/4 | 146,606 | 3/4 | |
| 5 | 5,752 | 5 | 16,619 | 5 | 27,481 | 5 | 38,319 | 5 | 49,187 | 5 | 60,055 | 5 | 70,922 | 5 | 81,790 | 5 | 92,658 | 5 | 103,525 | 5 | 114,393 | 5 | 125,261 | 5 | 136,129 | 5 | 146,795 | 5 | |
| 1/4 | 5,979 | 1/4 | 16,845 | 1/4 | 27,707 | 1/4 | 38,546 | 1/4 | 49,413 | 1/4 | 60,281 | 1/4 | 71,149 | 1/4 | 82,016 | 1/4 | 92,884 | 1/4 | 103,752 | 1/4 | 114,620 | 1/4 | 125,487 | 1/4 | 136,355 | 1/4 | 146,959 | 1/4 | |
| 1/2 | 6,205 | 1/2 | 17,072 | 1/2 | 27,933 | 1/2 | 38,772 | 1/2 | 49,640 | 1/2 | 60,507 | 1/2 | 71,375 | 1/2 | 82,243 | 1/2 | 93,111 | 1/2 | 103,978 | 1/2 | 114,846 | 1/2 | 125,714 | 1/2 | 136,581 | 1/2 | 147,122 | 1/2 | |
| 3/4 | 6,431 | 3/4 | 17,298 | 3/4 | 28,158 | 3/4 | 38,998 | 3/4 | 49,866 | 3/4 | 60,734 | 3/4 | 71,602 | 3/4 | 82,469 | 3/4 | 93,337 | 3/4 | 104,205 | 3/4 | 115,072 | 3/4 | 125,940 | 3/4 | 136,808 | 3/4 | 147,286 | 3/4 | |
| 6 | 6,658 | 6 | 17,525 | 6 | 28,384 | 6 | 39,225 | 6 | 50,093 | 6 | 60,960 | 6 | 71,828 | 6 | 82,696 | 6 | 93,563 | 6 | 104,431 | 6 | 115,299 | 6 | 126,166 | 6 | 137,034 | 6 | 147,449 | 6 | |
| 1/4 | 6,884 | 1/4 | 17,751 | 1/4 | 28,609 | 1/4 | 39,451 | 1/4 | 50,319 | 1/4 | 61,187 | 1/4 | 72,054 | 1/4 | 82,922 | 1/4 | 93,790 | 1/4 | 104,657 | 1/4 | 115,525 | 1/4 | 126,393 | 1/4 | 137,261 | 1/4 | 147,587 | 1/4 | |
| 1/2 | 7,111 | 1/2 | 17,977 | 1/2 | 28,835 | 1/2 | 39,678 | 1/2 | 50,545 | 1/2 | 61,413 | 1/2 | 72,281 | 1/2 | 83,148 | 1/2 | 94,016 | 1/2 | 104,884 | 1/2 | 115,752 | 1/2 | 126,619 | 1/2 | 137,487 | 1/2 | 147,726 | 1/2 | |
| 3/4 | 7,337 | 3/4 | 18,204 | 3/4 | 29,060 | 3/4 | 39,904 | 3/4 | 50,772 | 3/4 | 61,639 | 3/4 | 72,507 | 3/4 | 83,375 | 3/4 | 94,243 | 3/4 | 105,110 | 3/4 | 115,978 | 3/4 | 126,846 | 3/4 | 137,713 | 3/4 | 147,864 | 3/4 | |
| 7 | 7,563 | 7 | 18,430 | 7 | 29,286 | 7 | 40,130 | 7 | 50,998 | 7 | 61,866 | 7 | 72,734 | 7 | 83,601 | 7 | 94,469 | 7 | 105,337 | 7 | 116,204 | 7 | 127,072 | 7 | 137,940 | 7 | 148,003 | 7 | |
| 1/4 | 7,790 | 1/4 | 18,656 | 1/4 | 29,511 | 1/4 | 40,357 | 1/4 | 51,225 | 1/4 | 62,092 | 1/4 | 72,960 | 1/4 | 83,828 | 1/4 | 94,695 | 1/4 | 105,563 | 1/4 | 116,431 | 1/4 | 127,299 | 1/4 | 138,166 | 1/4 | 148,116 | 1/4 | |
| 1/2 | 8,016 | 1/2 | 18,883 | 1/2 | 29,737 | 1/2 | 40,583 | 1/2 | 51,451 | 1/2 | 62,319 | 1/2 | 73,186 | 1/2 | 84,054 | 1/2 | 94,922 | 1/2 | 105,790 | 1/2 | 116,657 | 1/2 | 127,525 | 1/2 | 138,393 | 1/2 | 148,229 | 1/2 | |
| 3/4 | 8,243 | 3/4 | 19,109 | 3/4 | 29,963 | 3/4 | 40,810 | 3/4 | 51,677 | 3/4 | 62,545 | 3/4 | 73,413 | 3/4 | 84,281 | 3/4 | 95,148 | 3/4 | 106,016 | 3/4 | 116,884 | 3/4 | 127,751 | 3/4 | 138,619 | 3/4 | 148,342 | 3/4 | |
| 8 | 8,469 | 8 | 19,336 | 8 | 30,188 | 8 | 41,036 | 8 | 51,904 | 8 | 62,772 | 8 | 73,639 | 8 | 84,507 | 8 | 95,375 | 8 | 106,242 | 8 | 117,110 | 8 | 127,978 | 8 | 138,845 | 8 | 148,455 | 8 | |
| 1/4 | 8,695 | 1/4 | 19,562 | 1/4 | 30,414 | 1/4 | 41,262 | 1/4 | 52,130 | 1/4 | 62,998 | 1/4 | 73,866 | 1/4 | 84,733 | 1/4 | 95,601 | 1/4 | 106,469 | 1/4 | 117,336 | 1/4 | 128,204 | 1/4 | 139,072 | 1/4 | 148,543 | 1/4 | |
| 1/2 | 8,922 | 1/2 | 19,788 | 1/2 | 30,639 | 1/2 | 41,489 | 1/2 | 52,357 | 1/2 | 63,224 | 1/2 | 74,092 | 1/2 | 84,960 | 1/2 | 95,827 | 1/2 | 106,695 | 1/2 | 117,563 | 1/2 | 128,431 | 1/2 | 139,298 | 1/2 | 148,631 | 1/2 | |
| 3/4 | 9,148 | 3/4 | 20,015 | 3/4 | 30,865 | 3/4 | 41,715 | 3/4 | 52,583 | 3/4 | 63,451 | 3/4 | 74,318 | 3/4 | 85,186 | 3/4 | 96,054 | 3/4 | 106,922 | 3/4 | 117,789 | 3/4 | 128,657 | 3/4 | 139,525 | 3/4 | 148,719 | 3/4 | |
| 9 | 9,375 | 9 | 20,241 | 9 | 31,090 | 9 | 41,942 | 9 | 52,809 | 9 | 63,677 | 9 | 74,545 | 9 | 85,413 | 9 | 96,280 | 9 | 107,148 | 9 | 118,016 | 9 | 128,883 | 9 | 139,751 | 9 | 148,807 | 9 | |
| 1/4 | 9,601 | 1/4 | 20,468 | 1/4 | 31,316 | 1/4 | 42,168 | 1/4 | 53,036 | 1/4 | 63,904 | 1/4 | 74,771 | 1/4 | 85,639 | 1/4 | 96,507 | 1/4 | 107,374 | 1/4 | 118,242 | 1/4 | 129,110 | 1/4 | 139,978 | 1/4 | 148,870 | 1/4 | |
| 1/2 | 9,827 | 1/2 | 20,694 | 1/2 | 31,541 | 1/2 | 42,395 | 1/2 | 53,262 | 1/2 | 64;130 | 1/2 | 74,998 | 1/2 | 85,865 | 1/2 | 96,733 | 1/2 | 107,601 | 1/2 | 118,469 | 1/2 | 129,336 | 1/2 | 140,204 | 1/2 | 148,933 | 1/2 | |
| 3/4 | 10,054 | 3/4 | 20,920 | 3/4 | 31,767 | 3/4 | 42,621 | 3/4 | 53,489 | 3/4 | 64,356 | 3/4 | 75,224 | 3/4 | 86,092 | 3/4 | 96,960 | 3/4 | 107,827 | 3/4 | 118,695 | 3/4 | 129,563 | 3/4 | 140,430 | 3/4 | 148,996 | 3/4 | |
| 10 | 10,280 | 10 | 21,147 | 10 | 31,993 | 10 | 42,847 | 10 | 53,715 | 10 | 64,583 | 10 | 75,450 | 10 | 86,318 | 10 | 97,186 | 10 | 108,054 | 10 | 118,921 | 10 | 129,789 | 10 | 140,657 | 10 | 149,059 | 10 | |
| 1/4 | 10,506 | 1/4 | 21,373 | 1/4 | 32,218 | 1/4 | 43,074 | 1/4 | 53,941 | 1/4 | 64,809 | 1/4 | 75,677 | 1/4 | 86,545 | 1/4 | 97,412 | 1/4 | 108,280 | 1/4 | 119,148 | 1/4 | 130,015 | 1/4 | 140,883 | 1/4 | 149,097 | 1/4 | |
| 1/2 | 10,733 | 1/2 | 21,600 | 1/2 | 32,444 | 1/2 | 43,300 | 1/2 | 54,168 | 1/2 | 65,036 | 1/2 | 75,903 | 1/2 | 86,771 | 1/2 | 97,639 | 1/2 | 108,506 | 1/2 | 119,374 | 1/2 | 130,242 | 1/2 | 141,110 | 1/2 | 149,135 | 1/2 | |
| 3/4 | 10,959 | 3/4 | 21,826 | 3/4 | 32,669 | 3/4 | 43,527 | 3/4 | 54,394 | 3/4 | 65,262 | 3/4 | 76,130 | 3/4 | 86,997 | 3/4 | 97,865 | 3/4 | 108,733 | 3/4 | 119,601 | 3/4 | 130,468 | 3/4 | 141,336 | 3/4 | 149,172 | 3/4 | |
| 11 | 11,186 | 11 | 22,052 | 11 | 32,895 | 11 | 43,753 | 11 | 54,621 | 11 | 65,488 | 11 | 76,356 | 11 | 87,224 | 11 | 98,092 | 11 | 108,959 | 11 | 119,827 | 11 | 130,695 | 11 | 141,562 | 11 | 149,210 | 11 | |
| 1/4 | 11,412 | 1/4 | 22,279 | 1/4 | 33,120 | 1/4 | 43,979 | 1/4 | 54,847 | 1/4 | 65,715 | 1/4 | 76,583 | 1/4 | 87,450 | 1/4 | 98,318 | 1/4 | 109,186 | 1/4 | 120,053 | 1/4 | 130,921 | 1/4 | 141,789 | 1/4 | 149,223 | 1/4 | |
| 1/2 | 11,638 | 1/2 | 22,505 | 1/2 | 33,346 | 1/2 | 44,206 | 1/2 | 55,074 | 1/2 | 65,941 | 1/2 | 76,809 | 1/2 | 87,677 | 1/2 | 98,544 | 1/2 | 109,412 | 1/2 | 120,280 | 1/2 | 131,148 | 1/2 | 142,015 | 1/2 | 149,235 | 1/2 | |
| 3/4 | 11,865 | 3/4 | 22,731 | 3/4 | 33,571 | 3/4 | 44,432 | 3/4 | 55,300 | 3/4 | 66,168 | 3/4 | 77,035 | 3/4 | 87,903 | 3/4 | 98,771 | 3/4 | 109,638 | 3/4 | 120,506 | 3/4 | 131,374 | 3/4 | 142,242 | 3/4 | 149,248 | 3/4 | |

CAPACITY IN U. S. GALLONS

*CAPACITY BELOW STRIKE PLATE.

GAUGE HEIGHT: 15'-6 1/2" (RIM OF STANDPIPE OPPOSITE LATCH)

STRAPPED MARCH 13, 1974

BY J. E. Lawton

FORM 11A1A13-9

Chas. MARTIN Inspectors of Petroleum, Inc.

INDEPENDENT LICENSED INSPECTION
JAMES J. MULLIN, PRESIDENT

# BARGE CCL 9

GENERAL AMERICAN TRANSPORTATION LEASING CORPORATION

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

TANK NUMBER: 3

DRAVO HULL NO. 6238

| 0 FEET | | 1 FEET | | 2 FEET | | 3 FEET | | 4 FEET | | 5 FEET | | 6 FEET | | 7 FEET | | 8 FEET | | 9 FEET | | 10 FEET | | 11 FEET | | 12 FEET | | 13 FEET | | 14 FEET | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| IN. | | IN. | | IN. | | IN. | | IN. | | IN. | | IN. | | IN. | | IN. | | IN. | | IN. | | IN. | | IN. | | IN. | | IN. | |
| 0 | * 1,223 | 0 | 12,077 | 0 | 22,931 | 0 | 33,784 | 0 | 44,638 | 0 | 55,493 | 0 | 66,348 | 0 | 77,202 | 0 | 88,057 | 0 | 98,912 | 0 | 109,767 | 0 | 120,477 | 0 | 130,829 | 0 | 140,860 | 0 | 147,288 |
| ¼ | 1,449 | ¼ | 12,303 | ¼ | 23,157 | ¼ | 34,010 | ¼ | 44,864 | ¼ | 55,719 | ¼ | 66,574 | ¼ | 77,428 | ¼ | 88,283 | ¼ | 99,138 | ¼ | 109,993 | ¼ | 120,697 | ¼ | 131,042 | ¼ | 141,067 | ¼ | 147,300 |
| ½ | 1,675 | ½ | 12,529 | ½ | 23,383 | ½ | 34,236 | ½ | 45,090 | ½ | 55,945 | ½ | 66,800 | ½ | 77,655 | ½ | 88,509 | ½ | 99,364 | ½ | 110,219 | ½ | 120,916 | ½ | 131,254 | ½ | 141,275 | ½ | |
| ¾ | 1,902 | ¾ | 12,755 | ¾ | 23,609 | ¾ | 34,462 | ¾ | 45,316 | ¾ | 56,171 | ¾ | 67,026 | ¾ | 77,881 | ¾ | 88,736 | ¾ | 99,590 | ¾ | 110,445 | ¾ | 121,136 | ¾ | 131,466 | ¾ | 141,483 | ¾ | |
| 1 | 2,128 | 1 | 12,981 | 1 | 23,835 | 1 | 34,688 | 1 | 45,543 | 1 | 56,397 | 1 | 67,252 | 1 | 78,107 | 1 | 88,962 | 1 | 99,816 | 1 | 110,671 | 1 | 121,356 | 1 | 131,678 | 1 | 141,691 | 1 | |
| ¼ | 2,354 | ¼ | 13,208 | ¼ | 24,061 | ¼ | 34,914 | ¼ | 45,769 | ¼ | 56,623 | ¼ | 67,478 | ¼ | 78,333 | ¼ | 89,188 | ¼ | 100,043 | ¼ | 110,897 | ¼ | 121,576 | ¼ | 131,890 | ¼ | 141,898 | ¼ | |
| ½ | 2,580 | ½ | 13,434 | ½ | 24,287 | ½ | 35,140 | ½ | 45,995 | ½ | 56,850 | ½ | 67,704 | ½ | 78,559 | ½ | 89,414 | ½ | 100,269 | ½ | 111,123 | ½ | 121,796 | ½ | 132,102 | ½ | 142,106 | ½ | |
| ¾ | 2,806 | ¾ | 13,660 | ¾ | 24,513 | ¾ | 35,366 | ¾ | 46,221 | ¾ | 57,076 | ¾ | 67,931 | ¾ | 78,785 | ¾ | 89,640 | ¾ | 100,495 | ¾ | 111,348 | ¾ | 122,013 | ¾ | 132,312 | ¾ | 142,314 | ¾ | |
| 2 | 3,032 | 2 | 13,886 | 2 | 24,740 | 2 | 35,592 | 2 | 46,447 | 2 | 57,302 | 2 | 68,157 | 2 | 79,011 | 2 | 89,866 | 2 | 100,721 | 2 | 111,573 | 2 | 122,230 | 2 | 132,522 | 2 | 142,522 | 2 | |
| ¼ | 3,258 | ¼ | 14,112 | ¼ | 24,966 | ¼ | 35,818 | ¼ | 46,673 | ¼ | 57,528 | ¼ | 68,383 | ¼ | 79,238 | ¼ | 90,092 | ¼ | 100,947 | ¼ | 111,798 | ¼ | 122,447 | ¼ | 132,731 | ¼ | 142,729 | ¼ | |
| ½ | 3,484 | ½ | 14,338 | ½ | 25,192 | ½ | 36,045 | ½ | 46,899 | ½ | 57,754 | ½ | 68,609 | ½ | 79,464 | ½ | 90,318 | ½ | 101,173 | ½ | 112,023 | ½ | 122,665 | ½ | 132,941 | ½ | 142,937 | ½ | |
| ¾ | 3,710 | ¾ | 14,564 | ¾ | 25,418 | ¾ | 36,271 | ¾ | 47,126 | ¾ | 57,980 | ¾ | 68,835 | ¾ | 79,690 | ¾ | 90,545 | ¾ | 101,399 | ¾ | 112,248 | ¾ | 122,882 | ¾ | 133,151 | ¾ | 143,145 | ¾ | |
| 3 | 3,937 | 3 | 14,790 | 3 | 25,644 | 3 | 36,497 | 3 | 47,352 | 3 | 58,206 | 3 | 69,061 | 3 | 79,916 | 3 | 90,771 | 3 | 101,626 | 3 | 112,473 | 3 | 123,099 | 3 | 133,360 | 3 | 143,353 | 3 | |
| ¼ | 4,163 | ¼ | 15,016 | ¼ | 25,870 | ¼ | 36,723 | ¼ | 47,578 | ¼ | 58,433 | ¼ | 69,287 | ¼ | 80,142 | ¼ | 90,997 | ¼ | 101,852 | ¼ | 112,698 | ¼ | 123,316 | ¼ | 133,570 | ¼ | 143,560 | ¼ | |
| ½ | 4,389 | ½ | 15,243 | ½ | 26,096 | ½ | 36,949 | ½ | 47,804 | ½ | 58,659 | ½ | 69,513 | ½ | 80,368 | ½ | 91,223 | ½ | 102,078 | ½ | 112,922 | ½ | 123,534 | ½ | 133,780 | ½ | 143,757 | ½ | |
| ¾ | 4,615 | ¾ | 15,469 | ¾ | 26,322 | ¾ | 37,175 | ¾ | 48,030 | ¾ | 58,885 | ¾ | 69,740 | ¾ | 80,594 | ¾ | 91,449 | ¾ | 102,304 | ¾ | 113,147 | ¾ | 123,751 | ¾ | 133,989 | ¾ | 143,953 | ¾ | |
| 4 | 4,841 | 4 | 15,695 | 4 | 26,549 | 4 | 37,401 | 4 | 48,256 | 4 | 59,111 | 4 | 69,966 | 4 | 80,821 | 4 | 91,675 | 4 | 102,530 | 4 | 113,372 | 4 | 123,968 | 4 | 134,199 | 4 | 144,149 | 4 | |
| ¼ | 5,067 | ¼ | 15,921 | ¼ | 26,775 | ¼ | 37,628 | ¼ | 48,482 | ¼ | 59,337 | ¼ | 70,192 | ¼ | 81,047 | ¼ | 91,901 | ¼ | 102,756 | ¼ | 113,597 | ¼ | 124,186 | ¼ | 134,409 | ¼ | 144,345 | ¼ | |
| ½ | 5,293 | ½ | 16,147 | ½ | 27,001 | ½ | 37,854 | ½ | 48,709 | ½ | 59,563 | ½ | 70,418 | ½ | 81,273 | ½ | 92,128 | ½ | 102,982 | ½ | 113,822 | ½ | 124,403 | ½ | 134,618 | ½ | 144,518 | ½ | |
| ¾ | 5,519 | ¾ | 16,373 | ¾ | 27,227 | ¾ | 38,080 | ¾ | 48,935 | ¾ | 59,789 | ¾ | 70,644 | ¾ | 81,499 | ¾ | 92,354 | ¾ | 103,209 | ¾ | 114,047 | ¾ | 124,620 | ¾ | 134,828 | ¾ | 144,691 | ¾ | |
| 5 | 5,746 | 5 | 16,599 | 5 | 27,453 | 5 | 38,306 | 5 | 49,161 | 5 | 60,016 | 5 | 70,870 | 5 | 81,725 | 5 | 92,580 | 5 | 103,435 | 5 | 114,272 | 5 | 124,837 | 5 | 135,038 | 5 | 144,865 | 5 | |
| ¼ | 5,972 | ¼ | 16,825 | ¼ | 27,679 | ¼ | 38,532 | ¼ | 49,387 | ¼ | 60,242 | ¼ | 71,096 | ¼ | 81,951 | ¼ | 92,806 | ¼ | 103,661 | ¼ | 114,497 | ¼ | 125,055 | ¼ | 135,247 | ¼ | 145,038 | ¼ | |
| ½ | 6,198 | ½ | 17,052 | ½ | 27,905 | ½ | 38,758 | ½ | 49,613 | ½ | 60,468 | ½ | 71,323 | ½ | 82,177 | ½ | 93,032 | ½ | 103,887 | ½ | 114,721 | ½ | 125,272 | ½ | 135,457 | ½ | 145,188 | ½ | |
| ¾ | 6,424 | ¾ | 17,278 | ¾ | 28,131 | ¾ | 38,984 | ¾ | 49,839 | ¾ | 60,694 | ¾ | 71,549 | ¾ | 82,404 | ¾ | 93,258 | ¾ | 104,113 | ¾ | 114,944 | ¾ | 125,487 | ¾ | 135,665 | ¾ | 145,338 | ¾ | |
| 6 | 6,650 | 6 | 17,504 | 6 | 28,357 | 6 | 39,211 | 6 | 50,065 | 6 | 60,920 | 6 | 71,775 | 6 | 82,630 | 6 | 93,484 | 6 | 104,339 | 6 | 115,166 | 6 | 125,701 | 6 | 135,873 | 6 | 145,488 | 6 | |
| ¼ | 6,876 | ¼ | 17,730 | ¼ | 28,583 | ¼ | 39,437 | ¼ | 50,291 | ¼ | 61,146 | ¼ | 72,001 | ¼ | 82,856 | ¼ | 93,711 | ¼ | 104,565 | ¼ | 115,388 | ¼ | 125,916 | ¼ | 136,081 | ¼ | 145,638 | ¼ | |
| ½ | 7,102 | ½ | 17,956 | ½ | 28,809 | ½ | 39,663 | ½ | 50,518 | ½ | 61,372 | ½ | 72,227 | ½ | 83,082 | ½ | 93,937 | ½ | 104,792 | ½ | 115,611 | ½ | 126,131 | ½ | 136,289 | ½ | 145,765 | ½ | |
| ¾ | 7,328 | ¾ | 18,182 | ¾ | 29,036 | ¾ | 39,889 | ¾ | 50,744 | ¾ | 61,599 | ¾ | 72,453 | ¾ | 83,308 | ¾ | 94,163 | ¾ | 105,018 | ¾ | 115,833 | ¾ | 126,345 | ¾ | 136,497 | ¾ | 145,892 | ¾ | |
| 7 | 7,555 | 7 | 18,408 | 7 | 29,262 | 7 | 40,115 | 7 | 50,970 | 7 | 61,825 | 7 | 72,679 | 7 | 83,534 | 7 | 94,389 | 7 | 105,244 | 7 | 116,055 | 7 | 126,560 | 7 | 136,705 | 7 | 146,019 | 7 | |
| ¼ | 7,781 | ¼ | 18,634 | ¼ | 29,488 | ¼ | 40,341 | ¼ | 51,196 | ¼ | 62,051 | ¼ | 72,906 | ¼ | 83,760 | ¼ | 94,615 | ¼ | 105,470 | ¼ | 116,278 | ¼ | 126,775 | ¼ | 136,912 | ¼ | 146,146 | ¼ | |
| ½ | 8,007 | ½ | 18,860 | ½ | 29,714 | ½ | 40,567 | ½ | 51,422 | ½ | 62,277 | ½ | 73,132 | ½ | 83,987 | ½ | 94,841 | ½ | 105,696 | ½ | 116,500 | ½ | 126,990 | ½ | 137,120 | ½ | 146,250 | ½ | |
| ¾ | 8,233 | ¾ | 19,087 | ¾ | 29,940 | ¾ | 40,794 | ¾ | 51,648 | ¾ | 62,503 | ¾ | 73,358 | ¾ | 84,213 | ¾ | 95,067 | ¾ | 105,922 | ¾ | 116,722 | ¾ | 127,204 | ¾ | 137,328 | ¾ | 146,353 | ¾ | |
| 8 | 8,459 | 8 | 19,313 | 8 | 30,166 | 8 | 41,020 | 8 | 51,874 | 8 | 62,729 | 8 | 73,584 | 8 | 84,439 | 8 | 95,294 | 8 | 106,148 | 8 | 116,945 | 8 | 127,419 | 8 | 137,536 | 8 | 146,457 | 8 | |
| ¼ | 8,685 | ¼ | 19,539 | ¼ | 30,392 | ¼ | 41,246 | ¼ | 52,101 | ¼ | 62,955 | ¼ | 73,810 | ¼ | 84,665 | ¼ | 95,520 | ¼ | 106,375 | ¼ | 117,167 | ¼ | 127,634 | ¼ | 137,743 | ¼ | 146,561 | ¼ | |
| ½ | 8,911 | ½ | 19,765 | ½ | 30,618 | ½ | 41,472 | ½ | 52,327 | ½ | 63,182 | ½ | 74,036 | ½ | 84,891 | ½ | 95,746 | ½ | 106,601 | ½ | 117,389 | ½ | 127,849 | ½ | 137,951 | ½ | 146,642 | ½ | |
| ¾ | 9,137 | ¾ | 19,991 | ¾ | 30,844 | ¾ | 41,698 | ¾ | 52,553 | ¾ | 63,408 | ¾ | 74,262 | ¾ | 85,117 | ¾ | 95,972 | ¾ | 106,827 | ¾ | 117,612 | ¾ | 128,063 | ¾ | 138,159 | ¾ | 146,723 | ¾ | |
| 9 | 9,363 | 9 | 20,217 | 9 | 31,070 | 9 | 41,924 | 9 | 52,779 | 9 | 63,634 | 9 | 74,489 | 9 | 85,343 | 9 | 96,198 | 9 | 107,053 | 9 | 117,834 | 9 | 128,278 | 9 | 138,367 | 9 | 146,804 | 9 | |
| ¼ | 9,590 | ¼ | 20,443 | ¼ | 31,296 | ¼ | 42,150 | ¼ | 53,005 | ¼ | 63,860 | ¼ | 74,715 | ¼ | 85,570 | ¼ | 96,424 | ¼ | 107,279 | ¼ | 118,056 | ¼ | 128,493 | ¼ | 138,574 | ¼ | 146,884 | ¼ | |
| ½ | 9,816 | ½ | 20,669 | ½ | 31,523 | ½ | 42,377 | ½ | 53,231 | ½ | 64,086 | ½ | 74,941 | ½ | 85,796 | ½ | 96,650 | ½ | 107,505 | ½ | 118,279 | ½ | 128,707 | ½ | 138,782 | ½ | 146,942 | ½ | |
| ¾ | 10,042 | ¾ | 20,896 | ¾ | 31,749 | ¾ | 42,603 | ¾ | 53,457 | ¾ | 64,312 | ¾ | 75,167 | ¾ | 86,022 | ¾ | 96,877 | ¾ | 107,731 | ¾ | 118,499 | ¾ | 128,920 | ¾ | 138,990 | ¾ | 147,000 | ¾ | |
| 10 | 10,268 | 10 | 21,122 | 10 | 31,975 | 10 | 42,829 | 10 | 53,684 | 10 | 64,538 | 10 | 75,393 | 10 | 86,248 | 10 | 97,103 | 10 | 107,958 | 10 | 118,718 | 10 | 129,132 | 10 | 139,198 | 10 | 147,057 | 10 | |
| ¼ | 10,494 | ¼ | 21,348 | ¼ | 32,201 | ¼ | 43,055 | ¼ | 53,910 | ¼ | 64,765 | ¼ | 75,619 | ¼ | 86,474 | ¼ | 97,329 | ¼ | 108,184 | ¼ | 118,938 | ¼ | 129,344 | ¼ | 139,405 | ¼ | 147,115 | ¼ | |
| ½ | 10,720 | ½ | 21,574 | ½ | 32,427 | ½ | 43,281 | ½ | 54,136 | ½ | 64,991 | ½ | 75,845 | ½ | 86,700 | ½ | 97,555 | ½ | 108,410 | ½ | 119,158 | ½ | 129,556 | ½ | 139,613 | ½ | 147,150 | ½ | |
| ¾ | 10,946 | ¾ | 21,800 | ¾ | 32,653 | ¾ | 43,507 | ¾ | 54,362 | ¾ | 65,217 | ¾ | 76,072 | ¾ | 86,926 | ¾ | 97,781 | ¾ | 108,636 | ¾ | 119,378 | ¾ | 129,768 | ¾ | 139,821 | ¾ | 147,184 | ¾ | |
| 11 | 11,172 | 11 | 22,026 | 11 | 32,879 | 11 | 43,733 | 11 | 54,588 | 11 | 65,443 | 11 | 76,298 | 11 | 87,153 | 11 | 98,007 | 11 | 108,862 | 11 | 119,598 | 11 | 129,981 | 11 | 140,029 | 11 | 147,219 | 11 | |
| ¼ | 11,399 | ¼ | 22,252 | ¼ | 33,105 | ¼ | 43,960 | ¼ | 54,814 | ¼ | 65,669 | ¼ | 76,524 | ¼ | 87,379 | ¼ | 98,233 | ¼ | 109,088 | ¼ | 119,817 | ¼ | 130,193 | ¼ | 140,236 | ¼ | 147,254 | ¼ | |
| ½ | 11,625 | ½ | 22,478 | ½ | 33,331 | ½ | 44,186 | ½ | 55,040 | ½ | 65,895 | ½ | 76,750 | ½ | 87,605 | ½ | 98,460 | ½ | 109,314 | ½ | 120,037 | ½ | 130,405 | ½ | 140,444 | ½ | 147,265 | ½ | |
| ¾ | 11,851 | ¾ | 22,705 | ¾ | 33,557 | ¾ | 44,412 | ¾ | 55,267 | ¾ | 66,121 | ¾ | 76,976 | ¾ | 87,831 | ¾ | 98,686 | ¾ | 109,540 | ¾ | 120,257 | ¾ | 130,617 | ¾ | 140,652 | ¾ | 147,277 | ¾ | |

CAPACITY IN U. S. GALLONS

*CAPACITY BELOW STRIKE PLATE.

GAUGE HEIGHT: 15'-6 3/4" (RIM OF STANDPIPE OPPOSITE LATCH)

STRAPPED MARCH 13, 1974

BY J. E. Kaniston