

OMB No. 1905-0165 Expiration Date: 12/31/2009

Version No.: 2007.01

FORM EIA-820 ANNUAL REFINERY REPORT REPORT YEAR 2008

This report is **mandatory** under the Federal Energy Administration Act of 1974 (Public Law 93-275). Failure to comply may result in criminal fines, civil penalties and other sanctions as provided by law. **Title 18 USC 1001 makes it a criminal offense for any person knowingly and willingly to make to any Agency or Department of the United States any false, fictitious, or fraudulent statements as to any matter within its jurisdiction.** See Instructions for further details on the sanctions and the provisions concerning the confidentiality of information submitted on this form.

| sanctions and t | he provision | s concerning th | e confidenti | iality of information s | submitte | ed on this form. | | | | |
|---|--------------|---------------------------------------|--------------|--|----------------------------------|--|---|------------------------|--------------|---|
| PART 1. RESPONDENT IDENTIFICATION | | | | | | PART | 2. SUBMISSION/RI | ESUB | MISSION | INFORMATION |
| EIA ID NUMBER: | | | | | If this i | If this is a resubmission, enter an "X" in the box: | | | | |
| If any Respondent Identification Data has changed since the last report, enter an "X" in the box: | | | | | A com | A completed form must be received by February 15, 2008 | | | | |
| Company Name: | | | | | Forms | Forms may be submitted using one of the following methods: | | | | |
| Refinery Nam | ie: | | | | | | /> / | | | |
| Contact Name | e: | | | | | | Fax: (202) 586-1076 Email: OOG.SURVEYS@eia.doe.gov | | | |
| Phone No.: | | | | Ext: | | Email: | | | | |
| Physical Add | ress (e.g., | Street Addres | ss, Buildin | ng Number, Floor, | , Suite) | : Secure | e File Transfer: | | | |
| Mailing Addre | ess (e.g., F | PO Box, RR): | | | | _ | https://idc.eia.doe. | .gov/up | load/notice | oog.jsp |
| City: | | State: | | Zip: | | | Questions? Call (202) 586-6281 | | | |
| Fax No.: | | | <u></u> | <u></u> | | Questi | | | | |
| Email addres | s: | | | | | | | | | |
| PART 3. FUE | EL, ELECT | TRICITY, AND | STEAM | PURCHASED & | CONS | SUMED AT TH | IE REFINERY DURI | NG 20 | 07 | |
| | Item | | Code | Quantity Use | d As | | Item | | Code | Quantity Used As Fuel |
| Natural Gas | million cul | bic feet) | 105 | Pur | | Purchased El | rchased Electricity (million kWh) | | 114 | |
| Coal (thousand short tons) | | 109 | | | Purchased Steam (million pounds) | | s) | 113 | | |
| PART 4. RE | FINERY R | ECEIPTS OF | CRUDE | OIL BY METHO | OF T | RANSPORTA | ATION DURING 2007 | 7 (Tho | usand Ba | rrels) |
| Source | Code | Pipeline | es | Tankers | | Barges | Tank Cars | , | Trucks | Total 1/ |
| Domestic | 010 | | | | | | | | | |
| Foreign | 020 | | | | | | | | | |
| | | oreign Refinery F ugh December 20 | | des 010 and 020) mu : | st equal | the sum of the co | omparable refinery receipt | s on the | Form EIA-81 | 0, "Monthly Refinery |
| PART 5. AT | MOSPHE | RIC CRUDE (| OIL DISTI | LLATION CAPA | CITY A | S OF JANUA | RY 1 | | | |
| Atmospheric Crude Oil Distillation Capacity | | | Code | Barrels per Calendar Day ^{2/} | | | | Barrels per Stream Day | | |
| 2008: Operating | | | 399 | | | | | | | |
| Idle | | | 400 | | | | | | | |
| Total Operable | | | 401 | | | | | | | |
| 2009: Operable | | | 501 | | | | | | | |
| | | Operating, Idle Report," filed for | | | Codes 3 | 99, 400 and 401 |)must match the comp | arable (| capacity nur | nbers reported on the Form |
| | its, major n | nodifications o | _ | | _ | <u>~</u> | pperations that affect tl c. Also describe expan | | | For example, note new eparate one comment |



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| PART 6. DOWNSTREAM CHARGE CAPACITY AS OF JANUARY 1 | | | | | | | |
| Downstream Charge Capacity | Code | 2008 Barrels per Calendar Day | 2008 Barrels per Stream Day | 2009 Barrels per Stream Day | | | |
| Vacuum Distillation | 402 | Бау | Бау | Day | | | |
| Thermal Cracking: | 402 | | | | | | |
| Visbreaking | 403 | | | | | | |
| Fluid Coking (incl. Flexicoking) | 404 | | | | | | |
| | | | | | | | |
| Delayed Coking | 405 | | | | | | |
| Other (incl. Gas Oil) | 406 | | | | | | |
| Catalytic Cracking: | 407 | | | | | | |
| Fresh Feed | 407 | | | | | | |
| Recycled | 408 | | | | | | |
| Catalytic Hydrocracking: | | | | | | | |
| Distillate | 439 | | | | | | |
| Gas Oil | 440 | | | | | | |
| Residual | 441 | | | | | | |
| Desulfurization (including Catalytic Hydrotreating): | | | | | | | |
| Naphtha/Reformer Feed | 426 | | | | | | |
| Gasoline | 420 | | | | | | |
| Kerosene and Jet | 421 | | | | | | |
| Diesel Fuel | 422 | | | | | | |
| Other Distillate | 423 | | | | | | |
| Residual | 424 | | | | | | |
| Heavy Gas Oil | 413 | | | | | | |
| Other | 425 | | | | | | |
| Catalytic Reforming: | | | | | | | |
| Low Pressure | 430 | | | | | | |
| High Pressure | 431 | | | | | | |
| Fuels Solvent Deasnhalting | 432 | | | | | | |



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| PART 7. PRODUCTION CAPACITY AS OF JANUARY 1 (Barrels per Stream Day, Except Where Noted) | | | | | | | |
| | | 2008 | 2009 | | | | |
| Production Capacity | Code | Barrels per Stream Day | Barrels per Stream Day | | | | |
| Alkylates | 415 | | .,, | | | | |
| Aromatics | 437 | | | | | | |
| Asphalt and Road Oil | 931 | | | | | | |
| Isobutane (C4) | 615 | | | | | | |
| Isopentane (C5), Isohexane (C6) | 438 | | | | | | |
| Lubricants | 854 | | | | | | |
| Petroleum Coke - Marketable | 021 | | | | | | |
| Hydrogen(million cubic ft. per day) | 091 | | | | | | |
| Sulfur (short tons) | 435 | | | | | | |
| PART 8. STORAGE CAPACITY AS O | F JANUARY | ′ 1, 2008 (Thousand Barrels) | | | | | |
| Storage Capacity | Code | Working | Shell | | | | |
| Crude Oil | 050 | | | | | | |
| Motor Gasoline: | | | | | | | |
| Reformulated | 150 | | | | | | |
| Conventional | 152 | | | | | | |
| Gasoline Blending Components | 136 | | | | | | |
| Oxygenates: | | | | | | | |
| Fuel Ethanol (FE) | 141 | | | | | | |
| Ethyl Tertiary Butyl Ether (ETBE) | 142 | | | | | | |
| Methyl Tertiary Butyl Ether (MTBE) | 144 | | | | | | |
| Other Oxygenates* | 445 | | | | | | |
| Kerosene | 311 | | | | | | |
| Distillate Fuel Oil: | | | | | | | |
| 15 ppm sulfur and under | 465 | | | | | | |
| Greater than 15 to 500 ppm sulfur | 466 | | | | | | |
| Greater than 500 ppm sulfur | 467 | | | | | | |
| Residual Fuel Oil | 511 | | | | | | |
| Kerosene-Type Jet Fuel | 213 | | | | | | |
| Propane/Propylene | 231 | | | | | | |
| Normal Butane/Butylene | 232 | | | | | | |
| Lubricants | 854 | | | | | | |
| Asphalt and Road Oil | 931 | | | | | | |
| Other** | 333 | | | | | | |
| Total Storage Capacity | 999 | | | | | | |

^{*} Includes other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE), n-propanol, TAME, and TBA).

^{**} Includes ethane/ethylene, isobutane/isobutylene, pentanes plus, other hydrocarbons, hydrogen, unfinished oils, finished aviation gasoline, special naphthas, wax, petroleum coke, still gas, petrochemical feedstocks and miscellaneous products.