

## ANNUAL REFINERY REPORT FORM EIA-820 REPORT YEAR 2004

This report is **mandatory** under Public Law 93-275. Failure to comply may result in criminal fines, civil penalties and other sanctions as provided by law. For the sanctions and the provisions concerning the confidentiality of information submitted on this form, see sections 8 and 9 of the instructions. **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.**

EIA ID NUMBER:

**Fax or Email a completed form by February 15, 2004 to:**  
 (202) 586-1076

Email address: OOG.SURVEYS@eia.doe.gov

### RESPONDENT IDENTIFICATION

Company Name: \_\_\_\_\_  
 RefineryName: \_\_\_\_\_  
 Room/Bldg. No.: \_\_\_\_\_  
 Street/PO Box: \_\_\_\_\_  
 City: \_\_\_\_\_

**Questions?** Call (202) 586-5994

**Secure file transfer:**  
<https://idc.eia.doe.gov/upload/noticeoog.jsp>

State:  Zip Code:  -

Contact Name: \_\_\_\_\_

Phone No.:  -  -  Ext:   
 Fax No.:  -  -

Email address: \_\_\_\_\_

If this is a resubmission, insert an "X" in the block: ☐

### 1 Fuel, Electricity, and Steam Purchased and Consumed at the Refinery During 2003

Item	Code	Quantity Used As Fuel	Item	Code	Quantity Consumed
Natural Gas (million cubic feet)	105		Purchased Electricity (million kWh)	114	
Coal (thousand short tons)	109		Purchased Steam (million pounds)	113	

### 2 Refinery Receipts of Crude Oil by Method of Transportation During 2003 (Thousand Barrels)

Source	Code	Pipeline	Tankers	Barges	Tank Cars	Trucks	Total <sup>1/</sup>
Domestic	010						
Foreign	020						

<sup>1/</sup> Total Domestic and Total Foreign Refinery Receipts (Codes 010 and 020) **must equal the sum** of the comparable refinery receipts on the Form EIA-810, "Monthly Refinery Report," filed for January through December 2003.

### 3 Atmospheric Crude Oil Distillation Capacity as of January 1

Atmospheric Crude Oil Distillation Capacity	Code	Barrels per Calendar Day <sup>2/</sup>	Barrels per Stream Day
2004: Operating	399		
Idle	400		
Total Operable	401		
2005: Operable	501		

<sup>2/</sup> Barrels per Calendar Day 2004 Operating, Idle and Total Operable Capacity (Codes 399, 400 and 401) **must match** the comparable capacity numbers reported on the Form EIA-810, "Monthly Refinery Report," filed for January 2004.

**Comments:** (Explain any unusual or substantially different aspects of your current year's operations that affect the data reported.) For example, note new processing units, major modifications or retirement of processing units, sale of refinery, etc.

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**4 Downstream Charge Capacity as of January 1**

Downstream Charge Capacity	Code	2004 Barrels per Calendar Day	2004 Barrels per Stream Day	2005 Barrels per Stream Day
Vacuum Distillation	402			
Thermal Cracking:				
Visbreaking	403			
Fluid Coking (incl. Flexicoking)	404			
Delayed Coking	405			
Other (incl. Gas Oil)	406			
Catalytic Cracking:				
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 Deasphalting	432			

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**5 Production Capacity as of January 1 (Barrels per Stream Day, Except Where Noted)**

Production Capacity	Code	2004 Barrels per Stream Day	2005 Barrels per Stream Day
Alkylates	415		
Aromatics	437		
Asphalt and Road Oil	931		
Isobutane (C <sub>4</sub> )	615		
Isopentane (C <sub>5</sub> ), Isohexane (C <sub>6</sub> )	438		
Lubricants	854		
Petroleum Coke - Marketable	021		
Hydrogen(million cubic ft.per day)	091		
Sulfur (short tons)	435		

**6 Storage Capacity as of January 1, 2004 (Thousand Barrels)**

Storage Capacity	Code	Working	Shell
Crude Oil	050		
Motor Gasoline:			
Reformulated	150		
Conventional	152		
Gasoline Blending Components	136		
Oxygenates:			
Fuel Ethanol (FETH)	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 ppm sulfur to 500 ppm sulfur (incl.)	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, methanol, TAME, and TBA).