

World sulfur production

MARILYN RADLER
Survey Editor

Petroleum derived as of January 1, 1998

| Company and location | Source | Type of process | — Metric tons/day — | | Company and location | Source | Type of process | — Metric tons/day — | |
|---|----------------|-------------------------|---------------------|------------|---|-----------|--------------------------------|---------------------|------------|
| | | | Design capacity | Production | | | | Design capacity | Production |
| ALBANIA | | | | | | | | | |
| Albpetrol—Ballshi | ref. gas | | 60.0 | .... | Brazeau River, Peco, Alta. | nat. gas | Claus | 110.0 | 110.0 |
| ARGENTINA | | | | | | | | | |
| Shell Cia. Argentina de Petroleo SA—Buenos Aires | ref. gas | Claus | 15.0 | 15.0 | Home Oil—Carstairs, Alta. | nat. gas | Claus | 127.5 | 38.8 |
| ARUBA | | | | | | | | | |
| Coastal Aruba Refining Co.—Sint Nicolaas | ref. gas | | 250.0 | .... | Strachan, Alta. | nat. gas | Mod. Claus cold bed absorption | 953.0 | 453.1 |
| AUSTRALIA | | | | | | | | | |
| Ampol Refineries (NSW) Ltd.—Sydney, N.S.W. | ref. gas | Claus | 45.0 | 10.0 | Home Oil—Carstairs, Alta. | nat. gas | Claus | 64.8 | .... |
| BP Australia—Kwinana, W.A. | ref. gas | Claus | 70.0 | 23.0 | Husky Oil Operations Ltd.—Rainbow Lake, Alta. | nat. gas | Mod. Claus 2 stage | 142.0 | 60.0 |
| Mobil Oil Australia—Adelaide, S.A. | ref. gas | Claus | .... | .... | Strachan, Alta. | nat. gas | Claus | 4,572.0 | 2,320.0 |
| Altona, Vic. | ref. gas | Locat | .... | .... | Imperial Oil Resources—Bonnie | | | | |
| Shell Refining (Australia) Pty. Ltd.—Clyde, N.S.W. | ref. gas | Claus/DEA | 105.0 | 10.0 | Glen, Alta. | nat. gas | Mod. Claus | 34.5 | 16.3 |
| Geelong, Vic. | ref. gas | Claus-Scot | 145.0 | 53.0 | Quirk Creek, Alta. | nat. gas | Claus-MCRC | 301.2 | 240.0 |
| AUSTRIA | | | | | | | | | |
| OMV AG—Aderklaa 1 | nat. gas | Claus | 40.0 | 37.0 | Redwater, Alta. | nat. gas | Claus | 11.0 | 3.8 |
| Schwechat | ref. gas | Claus | 180.0 | 90.1 | Mobil Oil Canada Ltd.—Lone Pine | | | | |
| BAHRAIN | | | | | | | | | |
| Bahrain Petroleum Co. BSC (Closed)—Sitra | ref. gas | Mod. Claus | 150.0 | 190.0 | Creek South, Alta. | nat. gas | Claus | 162.0 | 165.4 |
| BELGIUM | | | | | | | | | |
| Belgian Refining Corp.—Antwerp | ref. gas | Claus-DEA | 108.0 | 13.0 | Morrison—Nevis, Stettler, Alta. | nat. gas | Claus | 300.0 | 121.3 |
| Eso Belgium NV—Antwerp | ref. gas | Claus-IFP | 396.0 | .... | Savanna Creek, Alta. | nat. gas | Claus | 789.4 | 789.4 |
| Fina Raffinaderij Antwerpen—Antwerp | ref. gas | Claus-Scot | 650.0 | 345.5 | Norcen—Hays, Alta. | nat. gas | Claus | 9.0 | 9.0 |
| BRAZIL | | | | | | | | | |
| Petrobras—Refap-Canoas RS | acid gas | Claus | 21.9 | 18.0 | Progress, Alta. | nat. gas | Claus | 49.5 | 49.5 |
| Regap-Betim MG | acid gas | Claus | 73.0 | 50.0 | North Atlantic Refining Ltd.—Come by Chance, Newf. | | | | |
| Repar-Araucaria PR | acid gas | Claus | 65.0 | 45.0 | Novagas Canada Ltd.—Harmattan, Alta. | nat. gas | Claus | 81.5 | 81.5 |
| Replan-Paulinia SP | acid gas | Claus | 65.0 | 35.0 | Penn West—Minnehik-Buck Lake, Alta. | nat. gas | Claus | 37.5 | 22.0 |
| Revap-Sao Jose Campos SP | acid gas | Claus | 173.0 | 30.0 | Phillips—Zama, Virgo, Shekille, Alta. | | | | |
| Two-Sao Mateus do Sul, PR | acid gas | Claus | 38.0 | 17.0 | Alta. | nat. gas | Claus | 74.0 | 32.0 |
| Two-Sao Mateus do Sul, PR | acid gas | Claus | 65.0 | 50.0 | Petro-Canada—Brazeau, Alta. | nat. gas | 3 bed MCRC | 430.0 | 447.3 |
| Petroflex SA—Duque de Caxias RJ | acid gas | Claus | 40.0 | 35.0 | Edmonton, Alta. | ref. gas | Claus | 56.0 | .... |
| Ultrafertil SA—Araucaria PR | resid. asphalt | Claus | 57.8 | 33.0 | Gold Creek, Alta. | nat. gas | Claus 2 stage | 97.0 | 97.0 |
| Cubatao SP | ref. gas | Claus | 45.0 | 19.0 | Mississauga, Ont. | ref. gas | Claus | 41.0 | .... |
| BULGARIA | | | | | | | | | |
| Neftochim—Bourgas | ref. gas | | 66.0 | .... | Oakville, Ont. | ref. gas | Claus | 44.0 | .... |
| CANADA | | | | | | | | | |
| Alberta Energy Co. Ltd.—Saddle Hills | nat. gas | Superclaus | 475.4 | 475.4 | Wildcat Hills, Alta. | nat. gas | Claus 2 stage | 275.0 | 103.9 |
| Sinclair, Alta. | nat. gas | Sulfinol | 122.0 | 65.0 | Poco Petroleum—Sturgeon Lake, Alta. | | | | |
| Amoco Canada Petroleum Co. Ltd.—Bigstone, Alta. | | | | | | | | | |
| Caroline (Garr), Alta. | nat. gas | Recycle | 10.4 | .... | Alta. | nat. gas | Claus | 98.0 | 64.0 |
| Caroline, Alta. | nat. gas | 2 bed Claus | 8.6 | 6.0 | Rigel—Progress, Glacier, Alta. | nat. gas | Claus | 2.5 | .... |
| East Crossfield, Alta. | nat. gas | 3 bed Claus & CBA | 1,797.0 | 858.0 | Shell Canada Limited—Burnt Timber, Alta. | | | | |
| Kaybob South, Alta. | nat. gas | 3 bed Claus & Sulfreeen | 1,090.0 | 482.0 | Caroline, Alta. | nat. gas | 2 bed Claus-Scot | 5,441.0 | 4,635.0 |
| Windfall, Alta. | nat. gas | Claus | 1,333.0 | 1,333.0 | Jumping Pound, Alta. | nat. gas | Claus | 619.0 | 433.0 |
| ANG Gathering & Processing Ltd.—Enchant, Alta. | | | | | | | | | |
| ATCO Gas Services Ltd.—Campbell-Namao, Alta. | nat. gas | Claus | 1.2 | .... | Sarnia, Ont. | ref. gas | 2 bed Claus | 55.0 | .... |
| Golden Spike, Alta. | nat. gas | Claus | 4.8 | 4.8 | Scotford, Alta. | ref. gas | 2 bed Claus | 11.0 | 10.0 |
| Canadian 88—Garrington, Alta. | nat. gas | Claus | 395.7 | 395.7 | Waterton, Alta. | nat. gas | Mod. Claus-Scot | 2,600.0 | 2,085.0 |
| Canadian Occidental Petroleum Ltd.—Balzac, Alta. | nat. gas | Claus/Sulfreeen | 900.0 | 420.0 | Solex Energy Co.—Andy Younger, B.C. | | | | |
| High River, Alta. | nat. gas | Claus/CBA | 570.0 | 275.0 | Sulconam Inc.—Montreal East, Que. | ref. gas | Mod. Claus | 460.0 | 294.0 |
| Chauvco Resources—Swalwell, Alta. | nat. gas | Claus | 3.2 | 3.2 | Suncor Inc.—N. Rosevear, Alta. | nat. gas | Claus | 150.0 | 100.0 |
| Chevron Canada Resources Ltd.—Burnaby, B.C. | ref. gas | Claus/Super Claus | 12.0 | 15.0 | Simonette, Alta. | nat. gas | Claus 3 stage | 115.0 | 60.0 |
| Kaybob South, Alta. | nat. gas | Mod. Claus | 3,210.0 | 977.0 | S. Rosevear, Alta. | nat. gas | Claus 3 stage | 120.0 | 29.0 |
| Medicine Lodge, Alta. | nat. gas | Mod. Claus | 57.0 | 54.0 | Sunoco Inc.—Sarnia, Ont. | ref. gas | Claus 3 stage | 171.0 | 102.0 |
| Compton—Okotoks, Alta. | nat. gas | Claus | 577.0 | 577.0 | Syn crude Canada Ltd.—Mildred Lake, Alta. | oil sands | Claus | 53.4 | 32.0 |
| Consumers Cooperative Refineries Ltd.—Regina, Sask. | ref. gas | Claus | 270.0 | 240.0 | Talisman—Edson, Pine Creek, Alta. | | | | |
| Conwest—Saddle Hills, Alta. | nat. gas | Claus | 475.4 | .... | Alta. | nat. gas | Claus | 342.6 | 95.0 |
| Gulf Canada Corp.—Brazeau River, Ferrier, Alta. | nat. gas | Claus | 46.5 | 46.5 | Teepee, Webster, Alta. | nat. gas | Claus | 23.0 | 23.0 |
| | | | | | TriLink—Bonanza, Alta. | | | | |
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| | | | | | Ultramar Ltd.—St. Romuald | | | | |
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| | | | | | Ulster—Wimborne, Alta. | | | | |
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| | | | | | CHILE | | | | |
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| | | | | | Refineria de Petroleo Concon SA—Concon | | | | |
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| | | | | | CHINA | | | | |
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| | | | | | Wepec—Dalian | | | | |
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| | | | | | CHINA, TAIWAN | | | | |
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| | | | | | Chinese Petroleum Corp.—Kaohsiung | | | | |
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| | | | | | Ta-Lin | | | | |
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| | | | | | Tao-Yuan | | | | |
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| | | | | | COLOMBIA | | | | |
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| | | | | | Empresa Colombiana de Petroleos—Barrancabermeja | | | | |
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| | | | | | Barrancabermeja | | | | |
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| | | | | | CROATIA | | | | |
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| | | | | | Ina d.d. Zagreb Rafinerija Rijeka—Rijeka | | | | |
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| | | | | | CZECH REPUBLIC | | | | |
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| | | | | | Ceska Rafinerska AS—Kralupy | | | | |
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| | | | | | Litvinov | | | | |
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| Company and location | Source | Type of process | — Metric tons/day — | |
|---|----------|-----------------------|---------------------|------------|
| | | | Design capacity | Production |
| DENMARK | | | | |
| A/S Dansk Shell—Fredericia..... | ref. gas | Claus-Scot | 30.0 | 20.0 |
| Kuwait Petroleum Refining (Danmark) A/S—Guldhaven..... | ref. gas | Claus | 48.0 | 9.3 |
| EGYPT | | | | |
| Amerya Oil Refining Co.—Alexandria..... | ref. gas | Claus | .... | 3.1 |
| Suez Petroleum Processing Co.—El-Suez..... | ref. gas | Claus | 81.5 | 9.1 |
| FINLAND | | | | |
| Neste Oy—Naantali..... | ref. gas | Claus | 55.0 | 26.0 |
| Porvoo..... | ref. gas | Claus | 215.0 | 116.0 |
| FORMER SOVIET UNION | | | | |
| Achinsk—Rus..... | ref. gas | | 20.0 | .... |
| Chimkent—Kaz..... | ref. gas | | 60.0 | .... |
| Kirishi—Rus..... | ref. gas | | 45.0 | .... |
| Kremenchugnefteorgsintez Joint Stock Co.—Ukr..... | ref. gas | | 182.0 | .... |
| Lisitchansk—Ukr..... | ref. gas | | 90.0 | .... |
| Moscow—Rus..... | ref. gas | | 95.0 | .... |
| Mozyr—Bel..... | ref. gas | | 85.0 | .... |
| Novo-Kuibishev—Rus..... | ref. gas | | 100.0 | .... |
| Novo-Ufa—Rus..... | ref. gas | | 220.0 | .... |
| Odessa—Ukr..... | ref. gas | | 18.0 | .... |
| Omsk—Rus..... | ref. gas | | 120.0 | .... |
| Pavlodar—Kaz..... | ref. gas | | 65.0 | .... |
| PO Naftan Refinery—Novopolotsk, Bel..... | ref. gas | | 91.0 | 90.0 |
| Salavat—Rus..... | ref. gas | | 300.0 | .... |
| Saratov—Rus..... | ref. gas | | 40.0 | .... |
| Tengizchevroil—Kaz..... | ref. gas | DEA-Claus Sulfreen | 1,900.0 | 850.0 |
| Ufa, former Lenin—Rus..... | ref. gas | | 75.0 | .... |
| Ukratnafta—Kremenchug, Ukr..... | ref. gas | | 175.0 | .... |
| FRANCE | | | | |
| Cie. de Raffinage et de Distribution Total France—Gonfreville l'Orcher..... | ref. gas | Claus | 215.0 | .... |
| La Mede..... | ref. gas | Claus | 200.0 | .... |
| Dunkirk..... | ref. gas | Claus | 105.0 | .... |
| Compagnie Rhenane de Raffinage—Reichstett-Vendenheim..... | ref. gas | Claus | 107.0 | 37.0 |
| Elf Aquitaine Production—Donges... Feyzin..... | ref. gas | Claus | 210.0 | 68.1 |
| Grandpuits..... | ref. gas | Claus | 118.0 | 53.2 |
| Laq..... | nat. gas | Claus-Sulfreen | 125.0 | 31.0 |
| Esso SAF—Fos-sur-Mer..... | ref. gas | Claus | 2,121.0 | 2,183.0 |
| Societe des Petroles Shell—Berre l'Etang..... | ref. gas | Claus | 100.0 | .... |
| Petit-Couronne..... | ref. gas | Claus-Scot | 189.0 | 78.0 |
| Reichstett-Vendenheim..... | ref. gas | Claus | 165.0 | 90.0 |
| Ste. Raffinerie BP et Elf—Lavera..... | ref. gas | Claus | 107.0 | 40.0 |
| | | | 194.0 | 178.0 |
| GERMANY | | | | |
| DEA Mineraloel AG—Heide/Grasbrook..... | ref. gas | Claus | 35.0 | 20.0 |
| Wesseling..... | ref. gas | Claus | 240.0 | 100.0 |
| Deutsche Shell AG—Godorf..... | ref. gas | Claus-Scot | 170.0 | 70.0 |
| Harburg..... | ref. gas | Claus-Scot | 99.0 | 33.0 |
| Ervin GmbH—Neustadt..... | ref. gas | Claus/Sulfreen | 92.0 | 20.0 |
| Esso AG—Ingolstadt..... | ref. gas | Claus/Sulfreen | 69.0 | .... |
| Mineraloelraffinerie Oberrhein GmbH & Co. KG—Karlsruhe..... | ref. gas | Claus/Sulfreen | 325.0 | .... |
| Mitteldeutsche Erdoel-Raffinerie GmbH—Leuna..... | ref. gas | | 432.0 | .... |
| Mobil Erdgas-Erdoel GmbH—Voigtei..... | nat. gas | Claus | 965.2 | 863.6 |
| OMV AG—Burghausen..... | ref. gas | Claus | 34.4 | 17.0 |
| PCK Raffinerie GmbH—Schwedt..... | ref. gas | Claus-Scot | 375.0 | 375.0 |
| Veba Oel/Ruhr Oel—Gelsenkirchen..... | ref. gas | Claus/Scot/Sulfreen | 530.0 | 180.0 |
| Wintershall AG—Lingen..... | ref. gas | Claus-Selectox | 115.0 | 57.0 |
| Ruetenbrock..... | nat. gas | Claus | 8.0 | 4.0 |
| GREECE | | | | |
| EKO-Hellenic Refineries and Chemicals of Macedonia Industrial and Commercial Co. SA—Thessaloniki..... | ref. gas | Mod. Claus | 40.0 | 21.0 |
| Hellenic Aspropyrgos Refinery SA—Aspropyrgos..... | ref. gas | Claus/CBA/Super Claus | 240.0 | 150.0 |
| Motor Oil Hellas Corinth Refineries SA—Aghii Theodori..... | ref. gas | Claus | 90.0 | 38.0 |
| North Aegean Petroleum Co.—Sigma, Prinas Kavala..... | nat. gas | Claus/Sulfreen | 445.0 | 140.0 |

| Company and location | Source | Type of process | — Metric tons/day — | |
|--|----------|---------------------|---------------------|------------|
| | | | Design capacity | Production |
| HUNGARY | | | | |
| Mol Rt.—Szazhalombatta..... | ref. gas | Claus | 77.0 | 60.0 |
| Tiszaujvaros..... | ref. gas | Claus | 24.0 | 5.3 |
| INDIA | | | | |
| Madras Refineries Ltd.—Manali, Madras..... | ref. gas | | 17.0 | .... |
| IRAN | | | | |
| National Iranian Oil Co.—Arak..... | ref. gas | | 60.0 | .... |
| Isfahan..... | ref. gas | | 70.0 | .... |
| Shiraz..... | ref. gas | | 30.0 | .... |
| Tabriz..... | ref. gas | | 80.0 | .... |
| Tehran..... | ref. gas | | 100.0 | .... |
| IRELAND | | | | |
| Irish National Petroleum Corp.—Whitegate..... | ref. gas | | 2.0 | .... |
| ISRAEL | | | | |
| Oil Refineries Ltd.—Ashdod..... | ref. gas | Claus/Super Claus | 115.0 | .... |
| Haifa..... | ref. gas | Claus TGT | 95.0 | .... |
| ITALY | | | | |
| Agip Plas SpA—Livorno..... | ref. gas | Claus | 60.0 | .... |
| Agip Raffinazione SpA—Rho..... | ref. gas | Claus | 50.0 | 31.6 |
| Sannazzaro..... | ref. gas | Claus | 90.0 | 36.0 |
| Taranto..... | ref. gas | Claus | 121.0 | 55.0 |
| Venezia..... | ref. gas | Claus | 50.0 | 24.0 |
| API Raffineria di Ancona SpA—Falconara..... | ref. gas | Claus | 85.0 | 40.0 |
| Esso Italiana SpA—Augusta, Siracusa..... | ref. gas | Claus | 196.0 | .... |
| Isab SpA—Priolo..... | ref. gas | Claus | 360.0 | 319.0 |
| Kuwait Raffinazione E Chimica—Naples..... | fuel | Claus | 70.0 | 40.0 |
| Raffineria di Milazzo SpA—Milazzo..... | ref. gas | Claus/Scot/Comprimo | 160.0 | 50.0 |
| Raffineria di Roma SpA—Rome..... | ref. gas | Claus | 42.0 | 22.7 |
| Saras SpA—Sarroch..... | ref. gas | Claus 2 stage | 90.0 | 90.0 |
| Sarroch..... | ref. gas | Claus 3 stage | 200.0 | 200.0 |
| Sarroch..... | ref. gas | Claus 3 stage | 200.0 | 200.0 |
| Sarpom—Trecate..... | ref. gas | Claus | 98.0 | 45.0 |
| Tamoil Raffinazione SpA—Cremona..... | ref. gas | Claus | 12.0 | .... |
| Cremona..... | ref. gas | Claus | 30.0 | 10.5 |
| JAPAN | | | | |
| Cosmo Oil Co. Ltd.—Ichihara, Chiba..... | acid gas | Parsons/Uhde | 450.0 | 354.0 |
| Sakaide, Kagawa..... | acid gas | Parsons/Uhde | 265.0 | 203.0 |
| Sakai, Osaka..... | acid gas | Pan American | 140.0 | 84.0 |
| Yokkaichi..... | acid gas | Parsons | 200.0 | 90.0 |
| Fuji Oil Co. Ltd.—Sodegaura, Chiba..... | ref. gas | Comprimo | 210.0 | 191.5 |
| General Sekiyu KK—Sakai..... | ref. gas | Parsons-Claus | 353.0 | .... |
| Idemitsu Kosan Co. Ltd.—Chita, Aichi..... | ref. gas | Uhde | 400.0 | 292.0 |
| Himeji, Hyogo..... | ref. gas | Parsons | 260.0 | 150.0 |
| Ichihara, Chiba..... | ref. gas | Uhde-Parsons | 780.0 | 281.0 |
| Tokuyama, Yamaguchi..... | ref. gas | Uhde-Gurdler | 200.0 | 148.0 |
| Tomakomai, Hokkaido..... | ref. gas | Comprimo-Parsons | 350.0 | 256.0 |
| Japan Energy Corporation—Chita, Aichi..... | ref. gas | Uhde | 150.0 | 82.0 |
| Mizushima, Okayama..... | ref. gas | Comprimo | 640.0 | 350.0 |
| Kashima Oil Co. Ltd.—Kashima..... | ref. gas | Parsons | 240.0 | 200.0 |
| Koa Oil Co. Ltd.—Takaishi, Osaka..... | ref. gas | Parsons | 100.0 | 57.0 |
| Yamaguchi..... | ref. gas | Comprimo/Parsons | 220.0 | 86.0 |
| Kyokuto Petroleum Industries Ltd.—Ichihara, Chiba..... | ref. gas | Amoco | 200.0 | 130.0 |
| Mitsubishi Oil Co. Ltd.—Kawasaki..... | ref. gas | | 33.0 | .... |
| Mizushima..... | ref. gas | | 540.0 | .... |
| Nihonkai Oil Co. Ltd.—Toyama..... | ref. gas | Parsons | 40.0 | 27.0 |
| Nippon Petroleum Refining Co. Ltd.—Muran..... | ref. gas | Parsons | 350.0 | 187.0 |
| Negishi..... | ref. gas | Parsons | 660.0 | 333.0 |
| Okinawa Sekiyu Seisei Co. Ltd.—Okinawa..... | ref. gas | Comprimo | 300.0 | 160.0 |
| Seibu Oil Co. Ltd.—Onoda, Yamaguchi..... | ref. gas | Comprimo | 340.0 | 105.0 |
| Showa Shell Sekiyu KK—Kawasaki..... | ref. gas | Claus-Scot | 100.0 | 61.0 |
| Niigata..... | ref. gas | Claus-Scot | 20.0 | 4.0 |
| Showa Yokkaichi Sekiyu Co. Ltd.—Yokkaichi..... | ref. gas | Claus-Scot | 640.0 | 340.0 |
| Toa Oil Co. Ltd.—Kawasaki..... | ref. gas | Claus | 330.0 | 214.0 |

| Company and location | Source | Type of process | — Metric tons/day — | | Company and location | Source | Type of process | — Metric tons/day — | |
|---|------------|-------------------|---------------------|------------|--|----------|-------------------|---------------------|------------|
| | | | Design capacity | Production | | | | Design capacity | Production |
| Tonen Corp.—Kawasaki | ref. gas | Claus | 304.0 | 66.0 | SERBIA Raffinerija Nafta Pancevo— Pancevo | ref. gas | | 60.0 | .... |
| Wakayama | ref. gas | Claus | 135.0 | 62.0 | | | | | |
| KUWAIT | | | | | SINGAPORE | | | | |
| Kuwait National Petroleum Co.— Mina Abdulla | ref. gas | Claus | 950.0 | 630.0 | Esso Singapore Pty. Ltd.— Jurong | ref. gas | Claus | 122.0 | 14.0 |
| Mina Al-Ahmadi | ref. gas | Claus | 1,334.0 | 870.0 | Mobil Oil Singapore Pty. Ltd.— Jurong | ref. gas | Claus | 220.0 | 110.0 |
| Shuaiba | ref. gas | Claus | 1,200.0 | 350.0 | Shell Eastern Petroleum Pte. Ltd.— Pulau Bukom | ref. gas | Super Claus | 345.0 | 280.0 |
| LITHUANIA | | | | | JSC Mazeikiu Nafta—Mazeikia | ref. gas | | 198.0 | .... |
| MARTINIQUE | | | | | SLOVAKIA | | | | |
| Societe Anonyme de la Raffinerie des Antilles—Fort de France | ref. gas | Sulferox | 15.0 | 10.0 | Slovnaft Joint Stock Co.— Bratislava | ref. gas | Claus | 74.0 | 51.0 |
| MEXICO | | | | | SOUTH AFRICA | | | | |
| Petroleos Mexicanos—Cactus, Chis. | nat. gas | Claus | 1,302.0 | 787.7 | Caltex Oil SA Pty. Ltd.—Cape Town | ref. gas | Claus | 85.0 | 42.0 |
| Cadereyta | ref. gas | Claus | 71.2 | 69.3 | Engen Petroleum Ltd.—Durban | ref. gas | Claus | 113.0 | 45.0 |
| Cd. Pemex, Tab. | nat. gas | Claus | 650.9 | 571.8 | National Petroleum Refiners of South Africa Pty. Ltd.—Sasolburg | ref. gas | Claus | 120.0 | 100.0 |
| Madero, Tam. | ref. gas | Claus | 99.5 | 41.4 | South African Petroleum Refineries—Durban | ref. gas | Claus | 121.0 | 106.0 |
| Matapionche, Ver. | nat. gas | Claus | 54.2 | 42.8 | SOUTH KOREA | | | | |
| Minatitan, Ver. | ref. gas | Claus | 71.2 | 51.6 | Hanwha Energy Co., Ltd.—Inchon | ref. gas | | 126.0 | .... |
| Nuevo Pemex, Tab. | nat. gas | Claus | 650.9 | 610.6 | Hyundai Oil Refinery Co.—Daesan | ref. gas | | 180.0 | .... |
| Poza Rica, Ver. | nat. gas | Claus | 126.6 | 42.0 | LG-Caltex Oil Corp.—Yochoon | ref. gas | SRU | 330.0 | 100.0 |
| Salamanca, Gto. | ref. gas | Claus | 153.4 | 81.4 | Ssangyong Oil Refining Co. Ltd.—Onsan | ref. gas | Claus | 43.8 | 28.4 |
| Salina Cruz, Oax. | ref. gas | Claus | 143.6 | 122.2 | SK Corp.—Ulsan | ref. gas | | 1,195.0 | .... |
| Tula, Hgo. | ref. gas | Claus | 226.0 | 108.9 | SPAIN | | | | |
| NETHERLANDS | | | | | Compania Espanola de Petroleos—Algeciras | | | | |
| Esso Nederland BV—Rotterdam | ref. gas | Claus-TGC | 564.0 | 307.0 | Huelva | ref. gas | Claus | 146.0 | .... |
| Kuwait Petroleum Europort BV— Rotterdam | ref. gas | Super Claus | 71.6 | 50.0 | Tenerife | ref. gas | | 65.0 | .... |
| Nederlandse Aardolie Maat. BV— Emmen | nat. gas | Sulfinol Claus | 80.0 | 20.0 | Petroleos del Norte SA—Vizcaya | ref. gas | Claus | 43.0 | .... |
| Shell Nederland Raffinaderij B.V.— Pernis | ref. gas | Claus-Scot | 1,050.0 | .... | Repsol Petroleo—Cartagena | ref. gas | Claus | 324.0 | 180.0 |
| Total Raffinaderij Nederland NV— Vlissingen | ref. gas | Claus | 205.0 | .... | La Coruna | ref. gas | Claus | 27.0 | .... |
| NETHERLANDS ANTILLES | | | | | Puertollano | ref. gas | Claus | 49.0 | 6.1 |
| Refineria Isla Curazao SA— Emmastad | ref. gas | Mod. Claus | 140.0 | .... | Tarragona | ref. gas | Claus | 84.0 | 37.6 |
| NEW ZEALAND | | | | | SWEDEN | | | | |
| New Zealand Refining Co. Ltd.— Marsden Point | ref. gas | Claus-Scot | 169.5 | 128.4 | Preem Raffinaderi AB—Goteborg | ref. gas | SRU/TGT | 3.0 | 3.0 |
| NORWAY | | | | | Shell Raffinaderi AB—Goteborg | ref. gas | Claus-Scot | 33.0 | 12.0 |
| A/S Norske Shell—Sola | ref. gas | Claus | 22.0 | 6.0 | Skandinaviska Raffinaderi AB— Lysekil | ref. gas | Claus/TGT | 215.0 | 156.0 |
| Esso Norge AS—Slagen | ref. gas | Claus | 24.0 | 12.0 | SWITZERLAND | | | | |
| Statoil Mongstad—Mongstad | ref. gas | Claus | 51.6 | 21.5 | Raffinerie de Cressier SA— Cressier | ref. gas | Claus-Scot | 35.0 | 18.0 |
| Mongstad | ref. gas | Claus | 13.9 | 13.4 | Tamoil SA—Collombey | ref. gas | Claus | 6.0 | 4.0 |
| PHILIPPINES | | | | | SYRIA | | | | |
| Caltex (Philippines) Inc.— Batangas | ref. gas | Claus | 40.0 | 25.0 | Homs Refinery Co.—Homs | ref. gas | | 40.0 | .... |
| Pilipinas Shell Petroleum Corp.— Tabangao | ref. gas | Claus | 90.0 | 61.0 | THAILAND | | | | |
| POLAND | | | | | Esso Standard Thailand, Ltd.— Sriracha | ref. gas | | 164.0 | .... |
| Rafineria Gdanska SA—Gdansk | ref. gas | Claus | 24.0 | 20.0 | Rayong Refinery Co.—Map Ta Phut | ref. gas | Claus-Scot | 230.0 | 113.0 |
| PORTUGAL | | | | | Star Petroleum—Map Ta Phut | ref. gas | 3 bed Claus | 270.0 | 130.0 |
| Petroleos de Portugal—Porto | .... | Comprimo Claus | 45.0 | .... | Thai Oil Co. Ltd.—Sriracha | ref. gas | Claus | 280.0 | 85.0 |
| Sines | ref. gas | | 207.0 | .... | TURKEY | | | | |
| PUERTO RICO | | | | | Turkish Petroleum Refineries Corp.—Izmir | | | | |
| Caribbean Petroleum Corp.— Bayamon | ref. gas | | 17.0 | .... | Izmit | acid gas | Claus | 113.0 | 55.0 |
| Puerto Rico Sun Oil Co.— Yabucoa | ref. gas | Claus | 68.0 | 30.0 | Kirikale | acid gas | Claus | 137.0 | 100.0 |
| QATAR | | | | | UNITED ARAB EMIRATES | | | | |
| Qatar Petrochemical Co.— Umm Said | assoc. gas | Claus | 140.0 | 147.6 | Abu Dhabi National Oil Co.— Habshan, Abu Dhabi | nat. gas | 3 bed Claus | 800.0 | 485.0 |
| ROMANIA | | | | | Ruwais, Abu Dhabi | ref. gas | 2 bed Claus | 94.0 | 60.0 |
| Arpechim SA—Pitesti | ref. gas | Claus | 21.9 | 21.9 | Umm Al-Nar, Abu Dhabi | ref. gas | Claus | 35.0 | 30.0 |
| Rafo SA—Onesti | ref. gas | | 54.8 | .... | UNITED KINGDOM | | | | |
| SAUDI ARABIA | | | | | BP Refinery Grangemouth Ltd.— Grangemouth, Scot. | ref. gas | | 50.0 | 17.0 |
| Saudi Aramco—Beri | nat. gas | Claus | 1,400.0 | .... | Conoco Ltd.—South Killingholme, Eng. | ref. gas | Claus/Super Claus | 140.0 | 54.0 |
| Rabigh | ref. gas | Parsons | 120.0 | 50.0 | Elf Oil UK Ltd.—Milford Haven, Wales | ref. gas | Claus | 22.0 | 17.0 |
| Ras Tanura | ref. gas | Claus | 290.0 | 100.0 | Esso Petroleum Co. Ltd.— Fawley, Eng. | ref. gas | Claus | 335.0 | 87.0 |
| Shedgum | nat. gas | Claus | 1,940.0 | .... |  |  |  |  |  |
| Uthmaniyah | nat. gas | Claus | 1,140.0 | .... |  |  |  |  |  |
| Saudi Aramco-Mobil—Yanbu | ref. gas | | 300.0 | 200.0 | | | | | |
| Saudi Aramco-Shell—Al Jubail | ref. gas | Claus | 450.0 | 265.0 | | | | | |

| Company and location | Source | Type of process | — Metric tons/day — | | Company and location | Source | Type of process | — Metric tons/day — | |
|---|----------|------------------------|---------------------|------------|---|----------|-------------------|---------------------|------------|
| | | | Design capacity | Production | | | | Design capacity | Production |
| Lindsey Oil & Refining Ltd.— Killingholme South Humbleside, Eng. | ref. gas | Claus | 130.0 | 43.8 | Mobile Co., Ala. | nat. gas | 5 reactor Claus | 260.0 | 254.0 |
| Mobil Llandarcy Refinery— Llandarcy, Wales | ref. gas | | 45.0 | .... | Benicia, Calif. | ref. gas | Claus | 288.0 | 159.0 |
| Mobil Oil Co. Ltd.—Coryton Essex, Eng. | ref. gas | Claus | 200.0 | 120.0 | Santa Barbara, Calif. | nat. gas | 4 reactor Claus | 11.0 | 4.0 |
| Pembroke Cracking Co.—Milford Haven, Wales | ref. gas | Claus | 160.0 | 60.0 | Santa Rosa Co., Fla. | nat. gas | 3 reactor Claus | 244.0 | 139.0 |
| Phillips-Imperial Petroleum Ltd.— Port Clarence, Eng. | ref. gas | Sulferox | 4.4 | 3.0 | Baton Rouge, La. | ref. gas | 3 reactor Claus | 611.0 | 497.0 |
| Shell UK Ltd.—Shell Haven, Eng. | ref. gas | Claus | 130.0 | 23.0 | Baytown, Tex. | ref. gas | Claus | 935.0 | .... |
| Stanlow, Eng. | ref. gas | Claus | 210.0 | 59.0 | Lincoln & Sweetwater Co., Wyo. | nat. gas | Claus | 1,120.0 | 1,096.0 |
| Texaco U.K. Ltd.—Pembroke, Wales | ref. gas | Claus | 160.0 | 60.0 | Farmland Industries Inc.— Coffeyville, Kans. | ref. gas | Claus | 91.4 | 61.0 |
| UNITED STATES | | | | | Finaco Oil & Chemical Co.—Big Spring, Tex. | ref. gas | Claus | 127.0 | 111.8 |
| Altura Energy Ltd.—Hockley County, Tex. | nat. gas | 2 bed Claus | 45.0 | 27.0 | Port Arthur, Tex. | ref. gas | Claus | 273.1 | 176.9 |
| Amoco Oil Co.—Whiting, Ind. | ref. gas | Claus | 449.0 | 390.0 | Flying J Inc.—Salt Lake City, Utah .. | ref. gas | Claus | 4.0 | 2.0 |
| Mandan, N.D. | ref. gas | Claus | 15.3 | 6.0 | Frontier Oil & Refining Co.— Cheyenne, Wyo. | ref. gas | Claus-Scot | 97.0 | 45.0 |
| Texas City, Tex. | ref. gas | Claus | 1,123.0 | 650.0 | Giant Refining Co.—Bloomfield, N.M. | ref. gas | Dow/Sulferox | 1.6 | 1.4 |
| Salt Lake City, Utah | ref. gas | Claus | 13.5 | 5.0 | Gallup, N.M. | ref. gas | Sulferox | 2.0 | 0.5 |
| Yorktown, Va. | ref. gas | Claus | 66.0 | 50.0 | GPM Gas Co.—Artesia, N.M. | nat. gas | Mod. Claus | 55.9 | 7.0 |
| Amoco Production Co.—Eddy County, N.M. | nat. gas | 2 bed Claus | 36.0 | 13.5 | Eunice, N.M. | nat. gas | Claus | 64.0 | 25.0 |
| Andrews County, Tex. | nat. gas | 2 bed Claus-CBA | 22.0 | 17.9 | Linam Ranch, N.M. | nat. gas | Claus | .... | 29.0 |
| Ector County, Tex. | nat. gas | 2 bed Claus | 30.0 | 28.4 | Fullerton, Tex. | nat. gas | 3 bed Claus | 60.9 | 24.0 |
| Yoakum County, Tex. | nat. gas | Locat | 8.0 | 6.5 | Goldsmith, Tex. | nat. gas | 3 bed Claus | 111.8 | 55.0 |
| Fremont County, Wyo. | nat. gas | 2 bed Claus | 25.0 | 16.0 | Hunt Refining Co.—Tuscaloosa, Ala. | ref. gas | Claus | 81.3 | 50.8 |
| Natrona Co., Wyo. | nat. gas | Locat | 1.0 | 1.0 | Inland Resources—Woods Cross, Utah | ref. gas | | 1.4 | 0.7 |
| Park County, Wyo. | nat. gas | 2 bed Claus | 62.0 | 25.0 | Interenergy Corp.—Lignite, N.D. | nat. gas | Claus | 7.5 | 3.0 |
| Sweetwater Co., Wyo. | nat. gas | Locat | 4.0 | 2.7 | Kern Oil & Refining Co.— Bakersfield, Calif. | ref. gas | Sulferox | 4.5 | 3.5 |
| Uinta County, Wyo. | nat. gas | 2 bed Claus-CBA | 1,200.0 | 1,100.0 | KN Energy, Inc.—Winkler Co., Tex. | nat. gas | Claus | 15.0 | 3.1 |
| Arco Permian—Yoakum Co., Tex. | nat. gas |  | .... | 2.0 | Koch Midstream Processing Co.— Coyanosa, Tex. | nat. gas | Claus | 29.7 | 6.1 |
| Arco Products Co.—Carson, Calif. | ref. gas | Claus | 410.0 | 380.0 | Freestone County (Aker), Tex. | nat. gas | Claus | 180.0 | 48.8 |
| Ferndale, Wash. | ref. gas | Claus | 215.0 | 200.0 | Gilmer, Tex. | nat. gas | Claus | 100.0 | 39.0 |
| Ashland Exploration—Martha, Ky. ... | sour gas | Mod. Claus | 2.6 | 1.4 | Teague, Tex. | nat. gas | Claus | 13.0 | 7.4 |
| Ashland Petroleum Co.—Canton, Ohio | ref. gas | Claus-Scot | 100.0 | 36.0 | Koch Sulfur Products Co.—Pine Bend, Minn. | ref. gas | Claus | 800.0 | 550.0 |
| Catlettsburg, Ky. | ref. gas | Claus-Scot | 400.0 | 174.0 | Sidney, Mont. | nat. gas | Claus | 181.0 | 40.0 |
| St. Paul Park, Minn. | ref. gas | Claus-Scot | 54.0 | 38.0 | Corpus Christi, Tex. | ref. gas | Claus-Scot | 200.0 | 45.0 |
| BHP Hawaii Inc.—Kapolei, Hawaii ... | ref. gas | Claus-Scot | 34.5 | 20.0 | LaGloria Oil & Gas Co.—Tyler, Tex. | ref. gas | 3 bed Claus | 10.1 | 9.5 |
| BP Oil Corp.—Belle Chasse, La. | ref. gas | Claus-Scot | 50.0 | .... | Lion Oil Co.—El Dorado, Ark. | ref. gas | | 142.0 | .... |
| Lima, Ohio | ref. gas | Claus | 40.0 | .... | Little America Refining Co.— Casper, Wyo. | ref. gas | Claus | 19.7 | 5.2 |
| Toledo, Ohio | ref. gas | Claus-Scot | 100.0 | .... | Lyondell-Citgo Refining Co. Ltd.— Houston, Tex. | ref. gas | Mod. Claus-TGT | 900.0 | 635.0 |
| Calumet Lubricants Co.— Princeton, La. | ref. gas | Claus | 3.0 | 1.0 | Mapco Petroleum Inc.—Memphis, Tenn. | ref. gas | Claus | 40.0 | 32.0 |
| Cenex Inc.—Laurel, Mont. | ref. gas | Claus | 119.9 | 48.8 | Marathon Oil Co.—Artesia, N.M. | nat. gas | 3 bed Claus | 33.5 | 24.4 |
| Chevron U.S.A. Production Co.— Gaviota, Goleta, Calif. | nat. gas | Selectox-Claus | 18.3 | 6.6 | Cody, Wyo. | nat. gas | 3 bed Claus | 4.7 | 4.8 |
| Carter Creek, Wyo. | nat. gas | Claus-Stretford | 1,057.0 | 712.0 | Robinson, Ill. | ref. gas | Claus | 44.0 | 31.3 |
| Chevron U.S.A. Products Co.—El Segundo, Calif. | ref. gas | Claus-Wellman- Lord | 432.0 | .... | Garyville, La. | ref. gas | Claus | 504.0 | 188.8 |
| Richmond, Calif. | ref. gas | Claus-Wellman- Lord | 406.0 | .... | Jonesville, Mich. | nat. gas | Locat | 0.3 | .... |
| Pascagoula, Miss. | ref. gas | Claus-Stretford | 1,179.0 | .... | Midcoast Energy Resources— Pachuta, Miss. | nat. gas | 3 bed Claus | 10.0 | 4.0 |
| El Paso, Tex. | ref. gas | Claus-Stretford | 58.0 | .... | Midgard Energy Co.—Sunray, Tex. . | nat. gas | Claus-Super Claus | 14.0 | 8.0 |
| Salt Lake City, Utah | ref. gas | Claus | 19.0 | .... | Mobil Oil Corp.—Mary Ann, Ala. | nat. gas | Claus | 229.0 | 180.0 |
| Citgo Petroleum Corp.— Lemont, Ill. | ref. gas | Claus | 390.0 | 360.0 | Torrance, Calif. | ref. gas | Claus | 400.0 | .... |
| Lake Charles, La. | ref. gas | Claus | 684.0 | 459.0 | Joliet, Ill. | ref. gas | Claus | 560.0 | .... |
| Corpus Christi, Tex. | ref. gas | Claus | 310.0 | 285.0 | Chalmette, La. | ref. gas | Claus | 250.0 | .... |
| Clark Refining—Port Arthur, Tex. | ref. gas | Claus-Scot | 525.0 | 473.0 | Paulsboro, N.J. | ref. gas | Claus | 135.0 | .... |
| Coastal Eagle Point Oil Co.— Westville, N.J. | ref. gas | | 15.0 | .... | Beaumont, Tex. | ref. gas | Claus | 500.0 | .... |
| Coastal Refining & Marketing Inc.— Corpus Christi, Tex. | ref. gas | Claus | 280.0 | 125.0 | Montana Sulphur & Chemical Co.— East Billings, Mont. | ref. gas | Claus | 250.0 | 100.0 |
| Collet Ventures Inc.—Chatom, Ala. | sour gas | Claus | 140.0 | 70.0 | Murphy Oil USA Inc.—Meraux, La. .. | ref. gas | Claus-Scot | 118.0 | 70.0 |
| Conoco Inc.—Commerce City, Colo. | ref. gas | Mod. Claus | 86.0 | 45.0 | Superior, Wis. | ref. gas | Claus | 15.0 | 10.0 |
| Westlake, La. | ref. gas | Claus | 704.0 | 363.0 | National Cooperative Refinery Association—McPherson, Kans. | ref. gas | | 81.0 | 72.0 |
| Ponca City, Okla. | ref. gas | Claus | 31.0 | 15.0 | Paramount Petroleum Corp.— Paramount, Calif. | ref. gas | Claus | 38.0 | .... |
| Crown Central Petroleum Corp.— Pasadena, Tex. | ref. gas | Claus | 25.0 | 20.0 | Pennzoil Products Co.— Shreveport, La. | ref. gas | Claus | 28.2 | 10.0 |
| Diamond Shamrock Refining Co.— Moore Co., Tex. | ref. gas | Claus | 81.3 | 22.9 | Petro-Hunt—Little Knife, Dunn County, N.D. | nat. gas | Claus | 125.0 | .... |
| Three Rivers, Tex. | ref. gas | Claus | 50.8 | 22.3 | Phillips Petroleum Co.— Chatom, Ala. | nat. gas | Claus | 193.0 | .... |
| El Paso Natural Gas Co.—San Juan County, N.M. | nat. gas | Mod. Claus | 53.0 | .... | Borger, Tex. | ref. gas | Claus-Scot | 345.0 | 220.0 |
| Enron Corp.—Batstow, Tex. | nat. gas | 2 bed Claus | 68.0 | 14.0 | Sweeny, Tex. | ref. gas | Claus-Scot | 320.0 | 300.0 |
| Ergon West Virginia Inc.—Newell, W. Va. | ref. gas | Sulferox | 1.0 | 0.5 | Woods Cross, Utah. | ref. gas | Claus | 10.0 | 4.0 |
| Exxon Company USA—Escambia Co., Ala. | nat. gas | 3 reactor Claus | 1,002.0 | 658.0 | Placid Refining Co.—Port Allen, La. | ref. gas | Claus | 28.0 | 18.0 |
| | | | | | Pursue Energy Corp.— Thomasville, Miss. | nat. gas | Claus | 1,245.0 | .... |
| | | | | | Shell Deer Park Refining Co.— Deer Park, Tex. | ref. gas | Claus | 915.0 | .... |

| Company and location | Source | Type of process | — Metric tons/day — | | Company and location | Source | Type of process | — Metric tons/day — | |
|---|----------|---------------------------|---------------------|------------|---|----------|-----------------|---------------------|-----------------|
| | | | Design capacity | Production | | | | Design capacity | Production |
| Shell Martinez Refining Co.— Martinez, Calif. | ref. gas | Claus-Stretford | 432.0 | .... | Trans-Jeff Chemical Corp.— Tilden, No 1, Tex. | acid gas | Chance Claus | 19.5 | .... |
| Shell Norco Refining Co.— Norco, La. | ref. gas | Claus | 140.0 | .... | Tilden, No 2, Tex. | acid gas | Chance Claus | 73.7 | 24.4 |
| Shell Oil Products Co.— Saraland, Ala. | ref. gas | Claus-Scot | 50.0 | 7.0 | Tristar Gas Co.—Pyote, Tex. | nat. gas | Claus | 20.0 | 2.7 |
| Shell Wood River Refining Co.— Wood River, Ill. | ref. gas | Claus | 457.2 | .... | Ultramar Diamond Shamrock Corp.—Denver, Colo. | ref. gas | Claus | 2.0 | 0.4 |
| Shell Western E&P Inc.—Mobile Co., Ala. | nat. gas | Claus | 60.0 | .... | Alma, Mich. | ref. gas | Claus-Scot | 53.9 | 25.4 |
| Manistee County, Mich. | nat. gas | Claus | 25.0 | .... | Ardmore, Okla. | ref. gas | Claus-Scot | 65.0 | 41.1 |
| Goodwater, Miss. | nat. gas | Claus | 50.0 | .... | Wilmington, Calif. | ref. gas | COPE II | 250.0 | 240.0 |
| Bryans Mill, Tex. | nat. gas | Claus | 175.0 | .... | United Refining Co.—Warren, Pa. | ref. gas | Pritchard-TPA | 80.0 | 35.0 |
| Denver Unit, Tex. | nat. gas | Claus | 4.0 | .... | U.S. Oil & Refining Co.— Tacoma, Wash. | ref. gas | Claus | 10.0 | 5.0 |
| Sid Richardson Gasoline Co.— Jal, N.M. | nat. gas | Claus | 20.0 | 13.6 | Valence Operating Co.—Como, Hopkins County, Tex. | nat. gas | Claus | 72.0 | 56.0 |
| Kermit, Tex. | nat. gas | Selectox | 20.0 | 12.4 | Valero Energy Corp.—Corpus Christi, Tex. | ref. gas | Claus | 370.0 | 250.0 |
| Sinclair Oil Corp.—Tulsa, Okla. | ref. gas | | 19.0 | .... | Houston, Tex. | ref. gas | Claus | 102.0 | 50.0 |
| Star Enterprise—Delaware City, Del. | ref. gas | Claus | 406.0 | .... | Texas City, Tex. | ref. gas | Claus | 604.0 | 200.0 |
| Convent, La. | ref. gas | Claus | 660.0 | .... | Warren Petroleum—Texarkana, Ark. | nat. gas | MCRC | 16.3 | 15.2 |
| Port Arthur, Tex. | ref. gas | Claus | 576.0 | .... | Monument, Lea County, N.M. | nat. gas | Mod. Claus | 32.0 | 19.4 |
| Sulphur River Resources— Dike, Tex. | nat. gas | Mod. Claus | 30.0 | 5.0 | Eustace/Myrtle Springs, Tex. | nat. gas | Claus-Scot | 812.0 | 426.0 |
| Sun Refining & Marketing Co.— Toledo, Ohio | ref. gas | Claus | 55.1 | 53.6 | Fashing, Atascosa Co., Tex. | nat. gas | Mod. Claus | 35.0 | 24.0 |
| Philadelphia, Pa. | ref. gas | Claus-Scot | 40.0 | .... | Sand Hills, Crane County, Tex. | nat. gas | Mod. Claus | 45.0 | 39.0 |
| Tesoro Alaska Petroleum Corp.— Kenai, Alas. | ref. gas | | 15.0 | .... | Western Gas Resources, Inc.— San Juan River, N.M. | nat. gas | Claus | 45.7 | 6.1 |
| Texaco Inc.—Franklin County, Tex. | nat. gas | Claus | 219.0 | 50.0 | Bethel, Tex. | nat. gas | Claus | 9.1 | .... |
| Texaco Refining & Marketing Inc.— Bakersfield, Calif. | ref. gas | Claus | 93.0 | 93.0 | MiVida, Tex. | nat. gas | Claus | 15.2 | 7.1 |
| Wilmington, Calif. | ref. gas | Claus | 283.0 | 245.0 | Edgewood, Tex. | nat. gas | Claus | 335.3 | 267.2 |
| El Dorado, Kans. | ref. gas | Claus | 227.0 | 90.0 | Wyoming Refining Co.— Newcastle, Wyo. | ref. gas | Locat | 3.0 | 2.0 |
| Anacortes, Wash. | ref. gas | Claus | 102.0 | 102.0 | VENEZUELA | | | | |
| Tosco Refining Co.— Linden, N.J. | ref. gas | Claus/Beavon Stretford | 392.0 | 90.0 | Corpoven SA—El Palito, Puerta Cabello | ref. gas | Claus | 44.0 | 35.0 |
| Los Angeles, Calif. | ref. gas | Claus/BSRP/Scot | 410.0 | 340.0 | Puerto La Cruz, Anoategui | ref. gas | Claus | 18.0 | 8.0 |
| San Francisco, Calif. | ref. gas | Claus-Scot | 560.0 | 460.0 | Lagoven SA—Judibana, Falcon | ref. gas | Claus-Sulfreen | 360.0 | 354.6 |
| Trainer, Pa. | ref. gas | Claus | 160.0 | 35.0 | Judibana, Falcon | ref. gas | Claus | 684.0 | 649.8 |
| Ferndale, Wash. | ref. gas | Claus | 42.0 | 40.0 | Maraven SA—Cardon Falcon | ref. gas | Claus | 94.0 | .... |
| | | | | | Total World | | | 122,813.8 | 60,495.3 |