

## Catlettsburg, Kentucky

Crude oil capacity: 273,000 bpcd

MPC's Catlettsburg refinery is located in northeastern Kentucky on the western bank of the Big Sandy River, near the confluence with the Ohio River. It was purchased in 1924 by Swiss Oil Corporation (then parent company of Ashland Inc.). The plant became part of MPC's refinery system in 1998 and fully owned by MPC in 2005.

MPC completed construction of a condensate splitter in 2015, increasing the refinery's capacity to process condensate from the Utica Shale region.

**Crude Oil Supply:** Sweet and sour crude oils

**Operations:** Crude distillation, hydrotreating, catalytic cracking, reforming, alkylation, isomerization and sulfur recovery

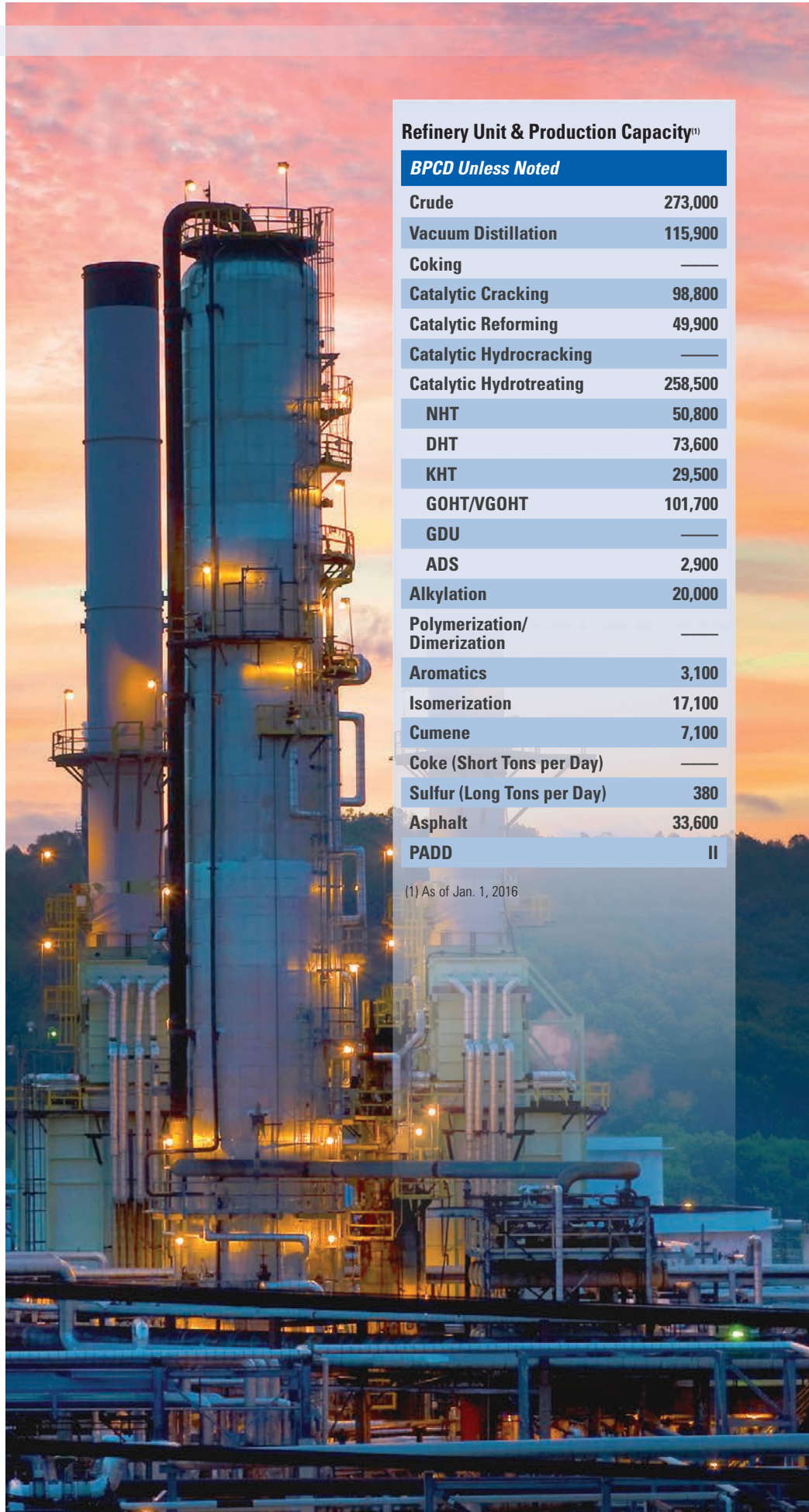
**Products:** Gasoline, distillates, asphalt, aromatics, refinery-grade propylene and propane

**Product Distribution:** Pipeline, barge, transport truck and rail

**Employees:** Approximately 735

**Awards & Recognition:**

- ◆ 2008 Responsible Care Management System certification
- ◆ Inaugural Master Level member of KY EXCEL 2007
- ◆ American Fuel and Petrochemical Manufacturers and the National Safety Council safety and environmental performance awards
- ◆ 2012 Kentucky Northeast Region Business Conservation Partner of the Year
- ◆ 2012 Kentucky Manufacturer of the Year (large business category)
- ◆ Savage Branch Wildlife Reserve
- ◆ 2014 Kentucky Community and Technical College Benefactor Award



### Refinery Unit & Production Capacity<sup>(1)</sup>

BPCD Unless Noted	
Crude	273,000
Vacuum Distillation	115,900
Coking	—
Catalytic Cracking	98,800
Catalytic Reforming	49,900
Catalytic Hydrocracking	—
Catalytic Hydrotreating	258,500
NHT	50,800
DHT	73,600
KHT	29,500
GOHT/VGOHT	101,700
GDU	—
ADS	2,900
Alkylation	20,000
Polymerization/ Dimerization	—
Aromatics	3,100
Isomerization	17,100
Cumene	7,100
Coke (Short Tons per Day)	—
Sulfur (Long Tons per Day)	380
Asphalt	33,600
PADD	II

(1) As of Jan. 1, 2016