

# McKee, Michael

Vice President Refining Operations at HollyFrontier Corporation

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## Summary

Experienced Chemical Engineer from Cornell University with over 36 years of manufacturing experience in the petroleum refining industry. Presently VP of Refining Operations heading HollyFrontier's Refining system consisting of five mid-continent refineries. Previously served in New Mexico as VP & Refinery Manager for HollyFrontier's NAVAJO Refining Company. Served 4 years as the Refinery Manager at SUNOCO's Philadelphia Refinery. Served over 10 years as Operations Manager for Amerada HESS, Murphy and SUNOCO petroleum refineries. Headed SUNOCO's initial bio-fuels venture implementing the conversion and startup of a 100 Mgal/year ethanol production facility in New York. Specialties: Specialized in FCC and Reforming Processes. Implemented centralized control room and DCS conversion in 4 refineries including two grass roots projects. Headed startup teams on grass roots construction of MTBE, sulfuric acid alkylation and hydrocracker units.

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## Experience

### **Vice President Refining Operations at HollyFrontier Corporation**

December 2014 - Present (7 months)

Responsible for the safe, reliable and environmentally compliant operation of the five refineries in the HollyFrontier system. Refineries are located in Artesia, NM, Tulsa, OK, El Dorado, KS, Cheyenne, WY and Salt Lake City, UT. Our goal is to continue to operate this 450 MB/D network taking advantage of our mid-continent crude slate and highly complex facilities. We will continue to push our personal and process safety performance to industry leading levels while maximizing the reliable production of transportation products. We will look to capture the synergies of this refining system by integrating assets and maximizing utilization of each facility with strategic inter-refinery trading.

### **VP & Refinery Manager Navajo Refining Company at HollyFrontier Corporation**

June 2011 - December 2014 (3 years 7 months)

Head of the Navajo Refining Company for Holly Frontier Corp. based around facilities in Artesia and Lovington, New Mexico. Company consists of 2 refineries with 100 MB/D of nominal crude capability consisting of downstream processing units including FCCU, hydrocracker, continuous catalytic reformer, multiple hydrotreating units, HF alkylation unit, C5-C6 isomerization and sulfur recovery facilities.

### **General Manager, Ethanol Production at Sunoco**

November 2009 - December 2010 (1 year 2 months)

Successfully headed the commissioning of the Fulton Ethanol plant for SUNOCO. This venture served as SUNOCO's initial foray into the biofuels arena. The project involved modifying an existing brewery into the

first successfully operating commercial ethanol plant. The project was completed under budget and ahead of schedule. It is presently operating reliably having met all of its performance requirements associated with its justification.

**General Manager, Petroleum Refinery Philadelphia at Sunoco**

October 2003 - November 2009 (6 years 2 months)

Responsible for managing the complete operation of the 7th largest petroleum refinery in North America. Process units consist of 335MB/D of crude capacity, 135 MB/D of FCCU capacity, catalytic reforming, ULSD hydrotreating capability, HF and H<sub>2</sub>SO<sub>4</sub> alkylation processing and all associated environmental controls. Responsibilities include fiscal accountability, mechanical reliability and availability objectives, as well as safety and environmental ownership in the facility as well as the community.

**Operations Manager at Murphy Oil**

January 2001 - October 2003 (2 years 10 months)

Managed the Operations Department of Murphy's 110 MB/D crude oil refinery in Meraux, LA. Processes included FCCU, UOP CCR, crude distillation, HF alkylation and hydrotreating capability. Involved with two major capital projects including construction of 3200 psi hydrocracker for sulfur compliance and conversion to Yokogawa DCS installation. Previously the facility had Honeywell. This also included the construction and implementation of a centralized control room.

**Operations Manager at HOVENSA**

February 1996 - November 2000 (4 years 10 months)

540 MB/D refinery owned by Amerada HESS and located in St. Croix Virgin Islands. The refinery became half owned by Venezuela forming a joint venture called HOVENSA.

**Operations Manager at Amerada Hess**

February 1991 - February 1996 (5 years 1 month)

Port Reading, NJ

**Research Associate at Sunoco**

August 1989 - February 1991 (1 year 7 months)

Petroleum Catalytic Reforming expert for SUNOCO

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**Education**

**University of Pennsylvania - The Wharton School**

Executive Education, 2010

**Cornell University**

B. S. Chemical Engineering, History, Macroeconomics, 1975 - 1979

Activities and Societies: National Society of Black Engineers, American Institute of Chemical Engineers,

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Interests

Alternative Fuel Technology, Guitar, Costa Rica

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