

# Midstream – Oil, Condensate & NGLs

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## *Processing, Transporting and Marketing*

**A One-Day, Group Live, Basic Level Program**  
**8 hours of CPE credit are awarded**

This program will address the characteristics of the valuable liquids produced in today's shale revolution, exploring the technologies and operations involved in recovering them, preparing them for and moving them to market. Economic considerations and tradeoffs will be examined including ethane rejection. Current and possible expanded markets for these liquids as well as marketing/pricing arrangements will be discussed.

### **Who Should Attend:**

Accountants, Managers and Operations personnel who have responsibilities in operational and financial areas associated with Liquid Hydrocarbon at all stages of processing, transporting and marketing

**Prerequisites:** None

**Advance Preparation Required:** None

**Program Level:** Basic

**CPE Awarded:** 8 hours

**Delivery Method:** Instructor live

**Field of Study:** Specialized Knowledge

### **Learning Objectives: Upon completion of this course, participants will be able to:**

- Define the importance of and differentiate among NGLs and Condensate in today's energy business
- Explain the steps to isolate and process different petroleum products
- Define the processes of bringing these products all the way to market
- Identify and explain the financial instruments used in product contracts and sales
- Explain current issues and challenges of the logistics of liquid transport in domestic and international markets

### **Key Topics and Objectives:**

- Oil, Condensate and NGLs – what they are and how they are produced
- Why the liquids are recovered – quality and economic value
- Natural Gas Processing through the Gas Plant
  - Technology
  - Gathering and Gas Plant operations
  - Gas Plant types, statistics and locations
  - Typical Gas Plant products
- NGL fractionation
  - Transport and fractionation(T&F) fees
  - Fractionation operations & hubs
  - Purity NGL products and markets
  - Frac spread
- Condensate – processing and uses
  - Recovery/separation
  - Stabilization vs VRU
  - Pipeline RVP specs/gravity price adjustment
- Crude oil and condensate gathering
  - Lease separation
  - Truck and LACT unit
- Crude oil transportation – on land and by sea
- Crude oil imports and exports
- Crude oil storage

- Trading and hedging
  - Sales and price mechanisms
  - Futures contract
  - Hedging



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