

Condensate and NGLs

Valuable Liquids that are Driving Shale Gas Drilling 8 hours of CPE Credit are awarded A One-Day, Group Live, Basic Level Program

The natural gas plays, principally shale gas, that are characterized by the presence of liquid and liquefiable hydrocarbons in the gas are being emphasized in the allocation of drilling dollars. The prices of these liquid hydrocarbons tend to follow crude oil price trends and, along with crude oil, these liquids historically trade at a price premium compared to the BTU value of natural gas. In recent years the price premium enjoyed by the liquids has expanded, resulting in increased returns to producers of gas containing those liquids and causing drillers to focus on the plays where the liquids are present. This program will address the characteristics of these valuable liquids, technologies and operations involved in recovering them, preparing them for market 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, Financial and Operations personnel whose companies are either already in or planning to be working in developing and producing shale gas and liquids

Pre-requisites: None

Pre-Class Preparation: None

Program Level: Basic

CPE Awarded: 8 Hours

Delivery Method: Instructor Live, Interactive

Field of Study: Specialized Knowledge

Upon Completion of this Program, Participants will be Able to:

- Be able to explain the differences between Natural Gas, Condensate and NGL processing
- Be able to define and quantify market forces affecting NGL's and Condensate
- Be able to quantify the value of these products to their company and the industry

Key Topics and Objectives:

- Why Liquids are Recovered and their Economic Values in Terms of Quality
- Condensate –
 - Recovery, Separation, Stabilization
 - Uses, Allocation to Producers, Implications of Pressure Decline
- Natural Gas Treating and Processing
 - Technologies and Gathering
 - Plant Types, Operations and Products
- NGL Fractionation
 - T&F Fees, Operations and Hubs
 - Purity NGL Products, Markets and Allocations to Producers
- Midstream Expansions Driven by Increased Liquids Supplies
 - Processing Plants
 - NGL Pipelines
 - Fractionation Capacity
- Downstream Market Expansions – Ethylene and Others
- Benefits of Increased Condensate and NGL Supplies



Quality programs – offered on-site and adapted for your company. Contact Jim Hoffman at 214.763.9644 or via email at jhoffman@pdi.org. Visit us online at www.pdi.org

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