



# Oil & Gas Orientation

FOR NEWCOMERS  
TO THE INDUSTRY

WIESS ENERGY HALL  
HOUSTON, TX

**Tuesday, May 15, 2018**

9:30 a.m. – 4:30 p.m. | Wiess Energy Hall, Houston, TX

## Course Agenda

### 1) Overview of the Industry

- Hydrocarbons and their uses
- Sectors of the industry
- Supply and demand fundamentals

### 2) Geology and Exploration

- Organic source
- Formation, migration and traps
- Unconventional oil and gas
- Exploration objectives and techniques

### 3) Mineral rights and Leasing

- Who owns mineral rights
- How mineral rights apply to oil and gas
- Leasing of mineral rights

### 4) Drilling and Hydraulic Fracturing

Video segments showing:

- a) Rig structure, functions and crew
- b) Key stages in drilling a horizontal well
- c) Hydraulic fracturing

### 5) Development and Production

- Well evaluation
- Reservoir behavior
- Artificial lift
- Production facilities
- Oil and gas reserves

Partnered with

