

# 2016 EDI Oil & Gas Short Courses

## ♦ Practical Geology for Non-Geologists and Petroleum Engineering for Non-Engineers

March 29-31 - Houston - (3 days) - Near the Galleria  
 April 5-6 - New York - (2 day special format) - Midtown  
 August 9-11 - (3 days) - Near the Galleria  
 December 6-8 - Houston - (3 days) - Near the Galleria

(Two popular courses combined into one - see details [next page](#))

## ♦ The Petroleum Industry - An Overview\*

September 20-21 - Houston - (1-1/2 days) - Near the Galleria

\*Petroleum Industry and Petroleum Reserves/Economics taught in back-to-back format

## ♦ Petroleum Reserves & Economics Fundamentals\*

September 21-22 - Houston - (1-1/2 days) - Near the Galleria

\*Petroleum Industry and Petroleum Reserves/Economics taught in back-to-back format

## ♦ Introduction To Land, Joint Interests & Revenue

June 14 - Houston - (1 day) - Near the Galleria

**New for 2016**

## **Introduction To Land, Joint Interests & Revenue**

**June 14th in Houston**

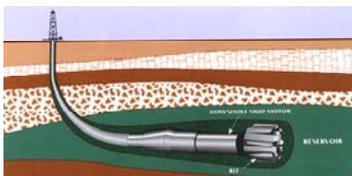
This revised and expanded land course, presented dozens of times in the past as an in-house course is now being scheduled as a one-day public class. Originally designed in collaboration with a large independent as an exclusive in-house cross training class, we are now offering a generic public version this year. Learning objectives will be:

- ♦ History of land rights
- ♦ What does a Landman do?
- ♦ Land description methods used in various states & offshore
- ♦ Ownership of land & minerals
- ♦ Oil & Gas Leases; review of major provisions such as habendum clause, term, paying quantities, shut-in payments, Pugh clause, depth limitations, pass along costs, lease maintenance and many more
- ♦ Bonus and royalty compensation practices; brokers; trends
- ♦ Spacing, pooling & proration
- ♦ Forced pooling and PSA's; horizontal units; field and state rules
- ♦ Horizontal wellbore location limits
- ♦ The role of leases in strategic development planning
- ♦ Division of Interests (DOI) and how they are calculated
- ♦ Joint operating agreements
- ♦ Net profits interests and how they are used
- ♦ Joint interest billings; coding
- ♦ Gas balancing & statements
- ♦ Calculating Revenue; check stubs
- ♦ And more

## Original EDI Courses In Their 21st Year

*Classes, Originally Designed for the College Classroom, Have Been Presented to Thousands of Participants from Hundreds of Companies Throughout the U.S and Europe*

**The Petroleum Industry - An Overview** is an up-to-date quick, yet complete study of the up-



stream sector of this vital industry. Attendees learn its history, current events/issues, how oil & gas was created and the geologi-

cal methods used to find it. Current drilling & production technology, on/offshore plus a focus on unconventional gas resources will be presented. Acquiring drilling rights, both domestic and international, are also discussed. A special look at the Natural Gas Industry is also included. In all, participants will fill in their gaps of understanding about the business and become more conversant in its

unique terminology. For 2016, we will discuss how low prices might affect companies as well as the economy. Additionally, the class will present a review of the major shale plays. Come see why this course and our Reserves/Economics Fundamentals course, originally designed for the college classroom, have retained their popularity since 1997.

**Petroleum Reserves & Economics Fundamentals**, our most popular course, teaches what reserves are and are not. It illustrates how reserve estimating, which is not an exact science, uses engineering practices plus judgment and experience to arrive at its totals. Participants will see the methods engineers use to estimate reserves and will actually work exercises of each. Definitions of reserve categories will be explained. Sample reserve reports will be examined and tips given on how to read them. Also presented are the basics of economic

decisions in drilling wells and how to compare alternative projects, fair market value, risk adjustment, reserve engineers, review of selected public company 10-K reserves, financing considerations and property valuation. At the conclusion of the class, attendees will participate in **The Oil Game**, the highlight of all our courses. The class will form companies and select drilling projects but with a limited budget. Each company can play it safe or "go for the fence." This recently updated game illustrates real-life pro-

spect selection using geologic and drilling risk with economic evaluation and project ranking.

New for 2016 is a discussion of how low oil & gas prices affects 2015 reporting and 2016 outlook for reserves. Both courses, taught back-to-back, offer excellent learning opportunities for those working in land, financial, accounting, operations (drilling, production, mid-stream), banking, IT, marketing, accounting, exploration, techs, support personnel.

**Check out our new web site with online registration option. See back page of brochure for registration options for EDI classes.**

# EDI Oil & Gas Short Courses

## Petroleum Geology for Non-Geologists and Petroleum Engineering for Non-Engineers

These courses to be presented as a single combined course  
At Houston, New York and Denver Venues

EDI has combined these two excellent classes into a single course giving attendees an extremely comprehensive study of how geologists and engineers find and produce hydrocarbons. With the overlap removed, these two courses flow together into a seamless yet detailed perspective of upstream oil & gas. More than just an overview course, this class is designed for those wanting to quickly get up to speed on upstream exploration and production subjects. Go to our website for details. (NYC and Denver dates TBA)

### Petroleum Geology for Non Geologists:

This geology class presents to the non-geologist (including engineering & geo techs, land, corporate & investor relations, accounting, IT and financial analysts) with more tools and a better understanding as to how the industry finds oil & gas. It is a very visual presentation employing hundreds of photos and graphic illustrations.

The course greatly extends the geology portion of our **Petroleum Industry Overview** class to a much deeper level concentrating on the details of how the earth was formed, historical geology, minerals: the building "blocks" of rocks, plate tectonics, volcanoes, mountain building, basins, sedimentary rocks, deposition, rock quality, reservoirs (conventional & unconventional), petroleum geology, nature of oil & gas, source rocks, hydrocarbon migration, structural geology, traps and exploration techniques including use of seismic and well logging. Participants will learn geologic terminology and become more conversant with petroleum geology subjects and methods. Special attention is given to well logging by explaining how each tool works, log strengths and weaknesses and

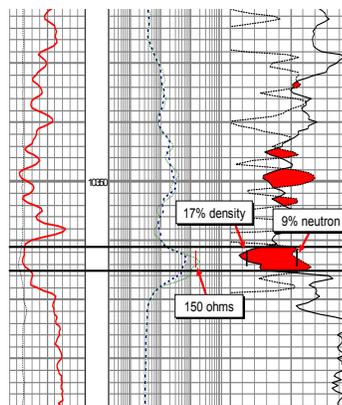
their interpretation.

Throughout the class, attendees will work several in-class exercises to illustrate the material including identifying prospective features from seismic, isopach and structure map contouring, determining porosities from well logs, a complete well log calculation, using logs to identify net pay, water-oil-gas saturations, correlating formations, reserve estimation for a prospect and more.

### Petroleum Engineering for the Non Engineer:

This class extends our **Petroleum Industry Overview** class to a deeper level concentrating on the details of drilling & completion design/costs, development geology, log evaluation, seismic techniques, reservoir management/strategy, and improved recovery. Focus will be on both conventional and unconventional reservoirs and will include an in-depth look at fracture stimulation techniques and trends.

This course is intended for those who have taken our **Petroleum Industry Overview** or already have a basic knowledge of these subjects and are looking for a deeper investigation. It is not an overview level course but was designed to present technical concepts to non-engineers in a workable manner. This class shows many useful rules-of-thumb - where they work and



when they don't yield the proper result.

Although this is a "hands on" class about engineering concepts, you don't have to be an engineer to understand the material. Participants will work numerous in-class exercises illustrating the basics of the most popular engineering methods. They will also learn about downhole equipment, well logging and problem well analysis techniques. Attendees will become much more conversant in these subjects.

For 2016 we have added new material on shale gas, latest plays, improved recovery, a brief review of reserve estimating methods, and additional exercises illustrating economics for projects, workovers and equipment installations.

For more information, please go to our website for an outline, email or call EDI for details.

www.edienergycourses.com

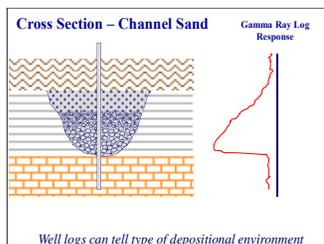
### In-House Course "Fundamentals of Shale Plays"

is a course by EDI that will focus on the major shale plays and how they are impacting the future of oil & gas. Taught in a non technical fashion, it presents shale development with a discussion of the major plays, how they are alike and how they differ. Learning objectives are:

- ◆ History of shale plays
- ◆ Shale Geology
- ◆ Nature of hydrocarbons in shales; maturation.
- ◆ Evaluating shales for productivity potential. TOC, R<sub>o</sub>, etc.
- ◆ Horizontal drilling, geosteering, MWD, LWD, SWD, MPD, etc.
- ◆ Shale completions, casing & cementing, perforating
- ◆ Fracture stimulation of shales; types, procedures & design
- ◆ Production and flow back of shale wells; water handling
- ◆ Comparison of major plays
- ◆ Costs and economics
- ◆ Earthquakes and more...

In-House Course "The Midstream" is a course by EDI that will focus on how oil & gas is processed and moved through pipelines to market. Much is devoted to the equipment used to accomplish this including:

- ◆ Natural Gas Liquids
- ◆ Pipelines, their construction and operations
- ◆ Processing plants; compression
- ◆ Gas sweetening; Measurement
- ◆ Storage, markets & economics
- ◆ SCADA monitoring; scheduling
- ◆ Risk; Environmental issues
- ◆ See website for details



Is Saudi Arabia giving the U.S. industry "the good sweating" that John Rockefeller used against competitors?

## Companies Can Still Receive Quality In-House Training For A Cost Effective Investment

In these tough times it is still possible to provide reasonably priced quality training. Even with staff reductions those remaining need to perform at even higher levels which necessitates adequate training. Several companies are using EDI to accomplish their educational needs while keeping costs to a minimum. See why our clients refer to us as “easiest to work with” and “lowest maintenance of all our training companies.”

Our in-house class presentations provide cost effective classes for employees wishing to get up to speed on these subjects but on their time schedule, not ours. They are also an excellent way to help clients better understand your business and gives them an opportunity to ask pertinent questions about industry trends and technology in an informal setting. More companies are choosing this way to gain an objective appreciation of this highly technical industry. Whether you are looking for a one-hour breakfast, luncheon meeting or a multi-day, full course format, we can customize these sessions to meet your educational requirements for a reasonable cost and presented on your schedule.

**With our courses you have more material options and professional instruction with lower cost.**

### About Our Classes

We take a practical business approach to our classes. Our material includes information people can take back to their jobs that will make a difference. Mr. Wilson knows the business of oil & gas having lived it for more than thirty years. Although an excellent educator, his primary skills were honed in the trenches making million dollar decisions, drilling wells, closing deals and securing public and private financing. Mr. Wilson's real life experiences

greatly add to the material. Attendees from just about any energy related company will come away with a deeper understanding of how the parts add up to the whole.

EDI classes use the latest multi-media presentations combining slides, pictures, graphics and videos. Classes are fast paced yet relaxed.

Other training companies offer “broker” type seminars meaning

they hire instructors off the street effectively doubling costs and making quality control difficult. Quantity becomes more important in these arrangements. With our classes, quality comes first. As a result, we have numerous repeat clients, both for public and in-house classes. Please visit our website to see a list of the hundreds of companies that have used our services.



EDI in-house class in Amsterdam

### Uncertainties for 2016

Oil and gas prices are no doubt the biggest concern for the energy sector yet the EPA rules machine is proposing onerous regulations on methane & fracking intended to thwart the rise of natural gas as a replacement for coal which continues to be hammered by the EPA. It appears natural gas is about to feel its own hammer? How will prolonged low prices affect companies, especially those who tried to grow too fast with excessive debt? What role does the rapid decline of shale wells production play as rigs are laid down by the hundreds? Does anyone truly understand the events unfolding around the world's energy sector?

### EDI Training

- Extensive use of multi-media presentations plus real life examples.
- Updated material regularly.
- Instructor who has “lived” the subjects presented.

### Course Instructor

Jim Wilson is the owner of EDI, LLC, an Oklahoma City company providing technical/financial consulting and training instruction. Mr. Wilson has over 30 years experience as an engineer and manager for two multi-national and two independent energy companies including nine years as vice president for a public energy corporation. He holds a petroleum engineering degree from the University of Oklahoma.

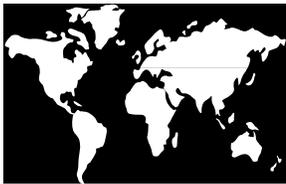
Since 1986, Mr. Wilson, a member of SPE and AAPG, has taught as an adjunct professor in Energy Management for the Michael F. Price College of Business at the University of Oklahoma and also

teaches for the University of Tulsa Energy Management program. He has made numerous presentations throughout the U.S. and Europe for both petroleum companies and financial institutions including a series of lectures, on behalf of the U.S. State Department to touring Russian Oil and Gas Managers about current U.S. oil and gas practices.

Not only does Mr. Wilson have an outstanding background as an educator in oil and gas, he has spent most of his career working in the industry as a supervisor, manager and corporate executive.



James Wilson, Owner of EDI, LLC, Adjunct Professor of Energy Management for the University of Oklahoma Michael F. Price College of Business, guest Lecturer University of Tulsa Collins College of Business



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## Check Courses Attending & Discounts That Apply

### Practical Geology for Non-Geologists and Petroleum Engineering for the Non Engineer - Two combined courses - (3 days @ \$1399)

- March 29-31 - Houston
- April 5-6 - New York (special 2 day format - \$1199)
- August 9-11 - Houston
- December 6-9 - Houston

10% Discount each if two or more from same company attend

*Houston: 8:30 am to 4:30 pm on 1st & 2nd days, 8:30 am to 3:30 pm last day - breakfast, lunch & free parking provided*

*New York: 8:30 am to 4:45 pm both days for this session only - breakfast & lunch provided*

- The Petroleum Industry** - Houston - September 20-21 (1-1/2 days @ \$749)\*
- Petroleum Reserves/Economics** - Houston - Sept. 21-22 (1-1/2 days @ \$749)\*

10% Discount each course if two or more from same company attend

*\*Courses are taught back-to-back in special 1-1/2 day formats (Petroleum Industry course ends at noon on 2nd day with Petroleum Reserves/Economics class starts at 1:15 pm same day)*

*Last day of last session ends at 3:30 pm - lunch & free parking provided all days*

- Introduction To Land, Joint Interests & Revenue** - Houston - June 14 (\$499)

10% Discount each if two or more from same company attend

*From 8:30 am to 4:30 pm - breakfast, lunch & free covered parking provided*

Our classes qualify for most continuing professional credits for accounting, legal and financial curriculums. Please call or email us for your specific credit needs.

**Houston** classes are held near the intersection of Post Oak Blvd and West Loop 610. The **New York** class is located near 34th Street and Madison Ave. Breakfast and lunch provided all days for all classes.

**For 2016 we have priced our classes to reflect lower oil & gas prices.**

### Four Ways To Register

1. Go to our website for [online registration](#) & payment by credit card.
2. Fill out the form below and fax to us
3. Fill out the form below and mail to us
4. Call **(405) 751-5979** to register by telephone

Those registering will be emailed a detailed information packet containing class schedule, what to bring, logistics, hotels, & maps.

Group discounts are available for groups of 2 or more attending the same class. Please apply coupon code when signing up online. Please call for discounts for groups of 3 or more.

Go to [www.edienergycourses.com](http://www.edienergycourses.com) to register online (credit card) or fill out the form below

### Form If Not Using Online Registration

Name \_\_\_\_\_

Title \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ St. \_\_\_\_\_ Zip \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Email \_\_\_\_\_

Complete this form, fax or mail to the address below. Photocopy for each additional person. Upon receipt, we will fax or email a confirmation, schedule and other information. **Fax is secure for sending credit card numbers.** Credit card numbers are not digitally stored for greater security. **You can also call our office to register over the phone (405) 751-5979.**

**Fax to EDI: (405) 755-0838**

### Payment Method (Pre-payment Required\*)

- Check enclosed. Make payable to:**

**EDI Investments, LLC  
P. O. Box 720298  
Oklahoma City, OK 73172**

- Invoice to the attention of:**

\_\_\_\_\_

- MasterCard**     **Visa**    (American Express online only)

# \_\_\_\_\_ Exp \_\_\_\_ / \_\_\_\_

Please number print clearly - thank you

**Signature**

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*\*unless other arrangements are made upon registration*