

Introduction to Petroleum industry

“Relevance to market”

20th – 21th April 2015 | Kuala Lumpur, Malaysia

27th – 28th April 2015 | Singapore



Learn the technical aspects of the oil and gas industry and most importantly how to pick good geology from poor geology with updates on the fundamentals behind the unconventional plays that are revolutionizing the petroleum industry.

Your expert Trainer: Alphonsus Fagan, P.Geo



- Over 30 years of experience in Petroleum Geophysics.
- Independent Consultant – A.J. Fagan Consulting Inc
- Former Petroleum Geophysics consultant, Policy Advisor and administrator – Government of Newfoundland and Labrador. (Dept of Energy , Mines and Energy , Natural Resources)
- Worked for a major integrated oil company (Amoco) as an exploration geophysicist
- Presented papers at numerous international conferences
- Taught oil and gas training courses for diverse audiences, including: hundreds of oil and gas professionals within the major exploration and service companies; government officials, investors, politicians and community leaders; and, the general public.
- Professional Affiliations: Canadian Society of Petroleum Geophysicists, Canadian Society of Petroleum Geologists, American Association of Petroleum Geologists, Professional Engineers and Geoscientists of Newfoundland & Labrador, Canadian Institute of Mining, Metallurgy and Petroleum (former Chair of Newfoundland & Labrador Section) and Better Business Bureau.
- Past Participants: Petronas Group Technical Solution, Petroliam Nasional Berhad, PEMANDU ,Saarawak SHELL , Credit Suisse securities , Export – import bank of Malaysia, Malaysia rating Corporation, Hong Leong investment bank, BIMB

Visit us: www.petro1.com.my

Program Overview

This course is designed for anyone who wants a better understanding of the petroleum sector. It explains the fundamental technical aspects of the petroleum industry, with a focus on how the investor/oil & gas professional can use this knowledge to make better investment decisions. It will also be of particular interest to those wishing to evaluate companies for potential share purchase, or financing of exploration and development.

You will learn the essentials of what it takes to make a successful oil and gas play, and how to grade opportunities in different kinds of petroleum systems. You will learn the fundamentals behind the unconventional plays that are revolutionizing the petroleum industry, along with a broad array of related information regarding the upstream and downstream petroleum sectors.

In addition, this 2 days masterclass will be supported by the current market aspect as the trainer go through each topics. For example:

- "Transportation by pipeline or tanker" will include information on how modes of transportation affect the commodity price.
- "Oil and gas storage", that it is at large storage hubs that prices are set for the broader market and many more:
 - How this change affects the bottom line of producers, service companies and pipeline companies.
 - How long the experts think this down cycle to last.
 - Is it somehow different this time? Are the alternative energies that are coming on strong going to put permanent downward pressure on fossil fuels?
 - Supply vs. demand.
 - The discovery cycle pattern - looking for predictability.
 - Effects of current market conditions on stock valuations.
 - Finding opportunities in the current market.
 - Mergers and acquisitions.
 - Understanding press releases and avoiding scams.

Attend this course to Master:

- Provide good understanding of petroleum industry.
- Statistical information on which rocks give the best results.
- Better understanding of drilling, production and especially geology.
- Appreciate the dynamics of world energy demand & supply and its impact on pricing.
- Global distribution of reserves, transportation and refining.
- Learn how to better access geological risk during the exploration phase.
- Field development.
- Good vs poor geology.
- Interpretation of press releases and geological reports.
- Explore risks associated with various phases of the industry.
- Understanding of upstream, midstream and downstream sectors.
- Explore, apply and benchmark international case-studies, examples, strategies that can be apply immediately in your workplace.

UNIQUE FEATURES:

- Multi-media presentation methodology and graphics to enable better understanding and appreciation.
- The training starts from basic level and aim to give good understanding without being too technical.
- Detailed training manual for continuous learning.
- Limited attendance – To ensure maximum learning and experience the course has limited seats.

This program is intended

As no prerequisites are required, the course will be of value to anyone who wants to better understand the multifaceted aspects of the petroleum industry. The course will be of particular interest to:

- Oil company employees who want to better understand the whole cycle of petroleum industry and the chances of success in their company's various exploration and development projects.
- Investors wishing to evaluate companies for possible share purchase, or for possible financing of exploration/development projects.
- Investment managers, brokers, analysts wanting to better interpret oil company press releases and other public documents.
- Government Regulators / Agencies.
- Oil & Gas suppliers / Service providers
- Oil & Gas professional will benefit :
Legal – Accounting – Business Development strategies – Service providers to Oil & Gas Industries (Geology ,Geophysics , Technology) – General Management – Commercial – Finance – Finance & Administration – Government Agencies – Marketing and publicity – Investment – supply chain – Journalist – Tender /Contract - Planning & Budgeting – Engineering services and others.

<p>Fundamental Concepts</p> <ul style="list-style-type: none"> • Types and uses of oil and gas • Pricing • Worldwide reserves • International trade <p>History of Industry</p> <ul style="list-style-type: none"> • Early and modern history • Cultural and market effects of new technologies • Peak oil • Current challenges • Addressing climate change 	<p>Structure of the Industry</p> <ul style="list-style-type: none"> • Upstream and downstream sectors • Types of oil and gas companies • Partnership structures <p>Petroleum Geology / Geophysics</p> <ul style="list-style-type: none"> • Overview of the fundamental concepts • Established and emerging technologies • Assessing geological risk 	<p>Petroleum Rights</p> <ul style="list-style-type: none"> • Concessionary and contractual systems • Unitization • Assessing political risk <p>Drilling Methods and technologies</p> <ul style="list-style-type: none"> • Onshore • Offshore • Flow testing • Recent advances
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Introduction to Petroleum Industry “ Relevance to Market” (2 DAYS)

<p>Production Systems</p> <ul style="list-style-type: none"> • Onshore production systems • Offshore production systems • Construction methods • Platform removal • New technological trends <p>Transportation, Refining and Storage</p> <ul style="list-style-type: none"> • Pipelines • Tankers • Liquefied natural gas tankers • Storage centers and trading hubs 	<p>Basin Analysis</p> <ul style="list-style-type: none"> • What kinds of sedimentary basins are most prospective and why? • What are the key factors to consider? • Why are Middle East basins so prolific? • Reserves and resources (understanding the credibility and risk in the published numbers) • What should you be looking for in a presentation promoting an exploration play? • Important questions you should be asking • What is the (rarely seen) phenomenon that almost guarantees exploration success? 	<p>Unconventional Petroleum Resources</p> <ul style="list-style-type: none"> • Types of unconventional resources • Technologies needed • Challenges • Key factors to consider in assessing the shale plays • Economics of shale oil and gas plays
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Relevance to Markets

- The discovery cycle pattern - looking for predictability
- Effects of current market conditions on stock valuations
- Supply vs. demand
- Finding opportunities in the current market
- Mergers and acquisitions
- Is this cycle different?
- Alternative energy sources
- Understanding press releases and avoiding scams

Having the ability to implement directly once you are back at your workplace is crucial for every participant. This 2 Days training will illustrate and clarify exercises, discussion panel and case studies.

Exercises: 'Why do you think they drilled here instead of here?', Reserve exercise. Calculate original oil in place, Production system exercise. Consider and come up with challenges facing oil production in 4 particular environments and many more.

Case studies and Real world example: Looking at why the Middle East is so prolific, stock charts of some companies and others.

Video: Seismic, drilling, LNG.

Principal Program Facilitator



Alphonsus Fagan, P. Geo

- Over 30 years of experience in Petroleum Geophysicist.
- Independent Consultant – A.J. Fagan Consulting Inc
- Former Petroleum Geophysics consultant, Policy Advisor and administrator – Government of Newfoundland and Labrador. (Dept of Energy , Mines and Energy , Natural Resources)
- Worked for a major integrated oil company (Amoco) as an exploration geophysicist
- Presented papers at numerous international conferences
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- **Professional Affiliations:** Canadian Society of Petroleum Geophysicists, Canadian Society of Petroleum Geologists, American Association of Petroleum Geologists, Professional Engineers and Geoscientists of Newfoundland & Labrador, Canadian Institute of Mining, Metallurgy and Petroleum (former Chair of Newfoundland & Labrador Section) and Better Business Bureau.

Professional experience

Alphonsus Fagan brings together with him more than 30 years experienced in the oil and gas industry. He has worked for a major integrated oil company (Amoco) as an exploration geophysicist, for the government of Newfoundland & Labrador as a geophysical consultant, policy advisor and administrator, and as a private sector consultant and trainer. In his various professional roles he has presented papers at numerous international conferences. Since 2001, he has been running oil and gas training courses for diverse audiences, including: hundreds of oil and gas professionals within the major exploration and service companies; government officials, investors, politicians and community leaders; and, the general public. He specializes in boiling down complex ideas into their essential concepts and explaining them in a clear and concise fashion. One of his favourite sayings is: 'Most subjects are not difficult - they are just taught difficult. Learning should be fun!'

Government of Newfoundland and Labrador (Dept of Energy, Mines and Energy, Natural Resources) Petroleum Geophysicist Consultant

- Involved in the development of Oil & gas related policy and regulations, as applied to both the onshore and offshore areas.
- Publication of geoscientific and development information through written reports and presentations at various local and international oil conferences.

Newfoundland and Labrador Petroleum Directorate - Senior Geophysicist

- Carry out independent interpretation of seismic and well data submitted to government by the operators, to assist in the administration of petroleum operations and to promote exploration.

Professional Affiliations:

- Canadian Society of Petroleum Geophysicists
- Canadian Society of Petroleum Geologists
- American Association of Petroleum Geologists
- Professional Engineers and Geoscientists of Newfoundland & Labrador
- Canadian Institute of Mining, Metallurgy and Petroleum (former Chair of Newfoundland & Labrador Section).
- Better Business Bureau

Past Participants:

Petronas Group Technical Solution, Petroliam Nasional Berhad, PEMANDU , SHELL , Credit Suisse securities , Export – import bank of Malaysia, Malaysia rating Corporation, Hong Leong investment bank, BIMB securities RHB group, Golden ECOSYSTEM and many more.



PETRO1 provides Oil & Gas Trainings & Consultancy services ranging from Petroleum Engineering, Exploration & Production, Subsurface and business related activities in the oil & gas industry. We had successfully made impact to petroleum professional mainly the Top 50 Oil & gas players in the Asia Pacific.

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| ▪ Total E&P | ▪ Petrofac | ▪ SGS |
| ▪ Petronas | ▪ Keppel Corporation | ▪ Halliburton |
| ▪ Murphy Oil | ▪ Singapore refining Company | ▪ Brunei LNG |
| ▪ JX Nippon | ▪ Salamander Energy | ▪ Shell Chemical |
| ▪ Scomi Oil | ▪ Binh Son Refining Vietnam | ▪ Worley Parson |
| ▪ Hess | ▪ PTT Global | ▪ China university of petroleum Beijing |
| ▪ Saipem | ▪ Newfield | ▪ Thailoil |
| ▪ Mubadala Petroleum | ▪ Brunei Methanol | ▪ Star Petroleum |
| ▪ Bureau Veritas | ▪ Technip | ▪ Jurong Shipyard |
| ▪ Pertamina | ▪ Premier Oil | |

Investment Packages

Introduction to petroleum industry - "Relevance to market"	Early Bird Full 2 Days	Standard Price Full 2 Days
Per Delegate	SGD 2095 ()	SGD 2595 ()
TEAM DISCOUNT of 3 or more off 15% <ul style="list-style-type: none">- Team discount are not applicable to early bird pricing.- For 5 or more, please do contact us to get attractive price.- Early Bird Promotion Deadline – 5th March 2015 Please Note that a SGD\$40 will be incur for Administration Fee.		

Delegate Details

1. Name: _____ Mr Mrs Ms Dr

Job Title: _____

Email: _____

Contact No: _____

Department: _____

2. Name: _____ Mr Mrs Ms Dr

Job Title: _____

Email : _____

Contact No: _____

Department: _____

3. Name: _____ Mr Mrs Ms Dr

Job Title: _____

Email: _____

Contact No: _____

Department: _____

*Head of Department: _____

Invoice Details

Invoice Attention to: _____

Company: _____

Industry: _____

Address: _____

Postcode: _____ Country: _____

Telephone: _____ Fax: _____

Email: _____

Authorized Signature : _____

REGISTRATION FORM

PROGRAM DETAILS

Venue: Kuala Lumpur, Malaysia | Singapore

Date: 20th – 21st April 2015 | 27th – 28th April 2015

REGISTER NOW

CONTACT: KELVIN

MAIN: +603 7727 3952

FAX: +603 7722 5278

Email: registration@petro1.com.my

Credit card Payment:

Please Debit my credit card:

VISA MASTERCARD

Card Number: _____ - _____ - _____ - _____

Security Code: Expiry Date:

Named printed on card: _____

Signature: _____

REGISTRATION DEADLINE

As an internationally operating training organization, PETRO1 would appreciate receiving registrations at least one (1) month prior to course commencement. Registrations after this date will be accepted provided that places are available. We strongly recommend early enrolment to avoid disappointment!

Payment Method

By cheque/ Bank Draft: Made Payable to PETRO1 SDN BHD

By Direct Transfer: Please quote invoice numbers on remittance advice.

ACCOUNT NAME : PETRO1 SDN BHD

BANK : HSBC Amanah Malaysia Berhad

ACCOUNT NO : 054 – 048061 – 701 (SGD)

SWIFT CODE : HMABMYKL

All bank charges to be borne by payers. Please ensure that PETRO1 SDN BHD received the full invoice amount.

*** Credit card payment will include a charges 2.8%**

Payment Policy: Upon receipt of a completed registration form, it confirms that the organization is registering for the seat(s) of the participant(s) to attend the conference or training workshop. Payment is required with registration and must be received prior to the event to guarantee the seat. Payment has to be received 7 working days prior to the event date to confirm registration.

Venue: All of our training courses are held in 4 – 5 star venues.

The course fee does not include accommodation or travel cost. It's recommended to book the hotel room early as there are only limited room available at the discounted corporate rate.

DATA PROTECTION

The information you provide will be safeguarded by Petro1 that may be used to keep you informed of relevant products and services. We take it seriously when it come s to protection of our client data.

Cancellation & Substitutions: Upon receipt of a completed registration form, it confirms that the organization is registering for the seat(s) of the participant(s) to attend the conference or training workshop. Should you be unable to attend, substitutes are always welcome at no additional cost. Please inform us as early as possible. Payment is non-refundable if cancellation occurs 7 working days prior to event commencement. However a substitute is welcome at no additional charges. If cancellation occurs 5 working days prior to the registration date and there is no substitute, the organizer reserves the right to charge 50% of the total investment from your organization.

PETRO1 SDN BHD is not responsible for any loss or damage as a result of a substitution, alteration or cancellation/postponement of an event. PETRO1 SDN BHD shall assume no liability whatsoever in the event this training course is cancelled, rescheduled or postponed due to a fortuitous event, Act of God, war, fire, labor strike, extreme weather or other emergency.

Walk in Registration: Walk-in participants with payment will only be admitted on the basis of seat availability at the event and with immediate full payment.

Program Change policy: The organizer reserves the right to make any amendments and/or changes to the workshop, venue, facilitator replacements and/or modules if warranted by circumstances beyond its control.