



Petroleum Exploration & Production Economics CEM04

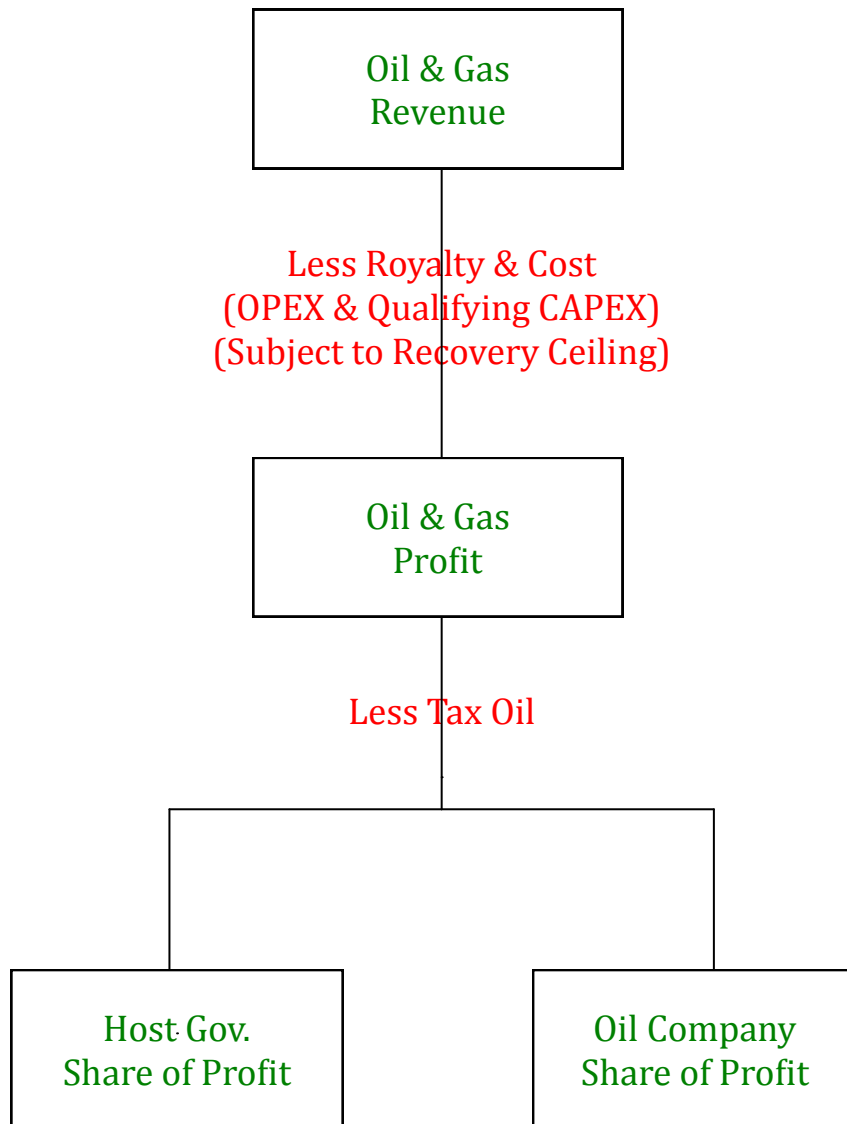


**Oil & Gas
Consultancy Services & Technical Training Providers**

Enhancing business through knowledge

www.petroconsultenergy.co.uk

Production Sharing Contract (PSC)



...What is total Gov. take?

Petroleum Exploration & Production Economics (CEM04)

Course Description:

Field development has always been a tricky endeavour where the delicate balancing of technical know-how and commercial imperative is required.

The bottom line has always been the design that ensures full exploitation of the field production potential and doing so at acceptable costs.

This ten-day program is essential for the development of such skills required to achieve this delicate balance.



Course Contents:

1. Oil & Gas Contract Types & Fiscal Policy

2. Reservoir Volume Estimation Methods

- Volumetric, Material Balance and Decline Curves Suitability of Method to Reservoir Type/Production History

3. Economic Analysis

- Economic Yardsticks and Quantitative Measures
- Economics Decision Tools
- Economic Analysis Applied to E & P Operations
- Petroleum Oil & Gas Project Economics



4. Key Field Development Considerations

- Efficient monitoring of reservoir performance
- Reduction of Unnecessary Wells Drilling
- Wellbore and surface systems
- Well testing and automated production systems
- Economic impact of operating plans
- Identifying and acquiring critical data, data acquisition, and analysis

5. Risk Analysis

- Valuation of Petroleum Reserves
- NPV of Reservoir Asset
- Taxation And Cash Flow Analysis
- Decision Tree Analysis



6. Field Development Options / Considerations & Economics

- Basic Concepts in Field Development (including Reservoir Characterization, Phase Behaviour & Drive Mechanism)
- Optimum Decision Making in Field Development
- Optimum utilization of wells (including new wells or not, well placing and spacing requirements, in-fill wells etc.)
- Well / Field Intervention (including optimum completion, stimulation and identification of production strategy)
- Pressure & Pressure Maintenance Operation (PMO) and Economic Considerations
- Economics of Surface Facilities
- Production Optimization & Economics (including well lift, gas lift, Bean/choke system and overall systems performance)



Who Should Attend?

- Engineers
- Geologists
- Geophysicists
- Technical Staff
- Finance Managers
- Corporate Planning staff
- Production Engineering Staff

Venue:

Please visit our website or contact us for details.

Tuition:

£2,950 +VAT

5 easy ways to
register or to
make an enquiry:

1.Web

www.petroconsultenergy.co.uk

2.Email

info@petroconsultenergy.co.uk

3.Phone

+44(0)1708 755355

4.Fax

+44(0)1708 755358

5.By post

Petroconsult Energy Co. Ltd.

4 Holgate Court, Western Road,

Romford. RM1 3JS, United Kingdom