Mindluster Platform

About the course Field development operations

Field development operations course, In this course discover the fundamentals of field development operations and gain valuable insights.

Engineering Category's Courses

Course Lesson(21)

Lesson 1 : **The lifecycle of a hydrocarbon field**

Lesson 2 : **The field development process**

Lesson 3 : **Field production modes guidelines when designing plateau**

Lesson 4 : **4 Why plateau ends**

Lesson 5 : **5 Field mechanical analog and computation of production profile**

Lesson 6 : **6 Modeling dry gas production systems**

Lesson 7 : **Intro to Excel VBA functions and subs**

Lesson 8 : **8 Measures to prolong plateau duration**

Lesson 9 : **Production potential**

Lesson 10 : **10 Tubing tables**

Lesson 11 : **Net present value and value chain model of a petroleum asset**

Lesson 12 : **Dealing with uncertain parameters frequency and probability distribution**

Lesson 13 : **How to handle uncertain parameters Monte Carlo and LHS**

Lesson 14 : **Exercise Reserve estimation in a spreadsheet using Monte Carlo**

Lesson 15 : **Offshore structures for oil and gas production part 1**

Lesson 16 : **Offshore structure for oil and gas production Part 2**

Lesson 17 : **Marine loads and offshore structures for hydrocarbon production**

Lesson 18 : **Flow assurance considerations in field development**

Lesson 19 : **Solving dry gas networks in Excel**

Lesson 20 : **20 Coupling reservoir and network models to compute production profiles**

Lesson 21 : **21 Downhole networks**

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