



OIL & GAS FINANCIAL MODELING

(Understanding and Analyzing an Oil & Gas Company)

SUMMARY:

This course focuses on the skills required to design and create a dynamic financial model of an oil and gas company with producing oil and natural gas wells and plans to expand.

The course material includes model design, logic, construction, financial concepts and accounting treatment.

Various intermediate Excel tools along with helpful keyboard shortcuts will also be covered throughout the course.

Timing: This course requires 2 days

Experts in financial
modeling training

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LEARNING TOPICS:

Design and Structure a Financial Model

- ✓ Design and layout a financial model clearly and logically
- ✓ Discuss the need for a model to serve as a marketing tool
- ✓ Create clearly defined inputs and assumptions sections

Build Scenarios and Financial Forecasts

- ✓ Use switches to create effective scenarios and value drivers
- ✓ Forecast and build-up a company's revenues and expenses
- ✓ Construct all necessary schedules, including:
 - Commodities pricing fundamentals (includes regional differentials)
 - Reserve summaries and depletion calculations
 - Production profile (includes decline curve)
 - Effective schedule to forecast the company's depreciation / depletion expense
 - Effective schedule to forecast the company's income tax expense (includes COGPE, CDE and CEE pools)
 - Effective schedule to forecast the company's working capital

Incorporate the Capital Structure

- ✓ Properly incorporate Senior Term Debt with an amortizing repayment schedule
- ✓ Create a robust Bank Operating Line (or Revolving Credit Facility)
- ✓ Design and incorporate a cash sweep for a company's Bank Operating Line
- ✓ Balance the company's balance sheet
- ✓ Calculate key operating and credit statistics

*Design and create a financial model for finance professionals
working in the Oil & Gas sector*