Oil and Gas: The Production Story, 2nd ed.
Tells the complete story of oil and gas from origin through production and distribution. Covers geology, exploration, drilling, reservoir drive mechanisms, artificial lift, testing, measurement, storage, and sale. Also includes An Oil Lease and Its Components poster. 2008, 150 pp.

An Oil Lease and Its Components Poster
Suitable for framing and shipped in a mailing tube, this full-color perspective drawing identifies components of a typical lease site and indicates fluid flow paths. A valuable aid for anyone wanting an overall illustrated view of a typical lease and bonus explanations of typical lease components. 2008, 32” × 21”.

Testing and Completing, 3rd ed., Revised
Introduces rig crewmembers to well-test procedures and various completion methods and equipment that operators use to finalize a well. Also covers reservoir characteristics to help understand how formations are evaluated and how formation testing and completion are done. Includes 4-color illustrations, summaries, review questions, and a glossary. 2014, 136 pp.

Advanced Petroleum Measurement (third of three levels)
Elementary Drilling—Offshore
Elementary Drilling—Onshore
Field Handling of Natural Gas—Emphasis on Engineering
Field Handling of Natural Gas—Emphasis on Operations
Fundamentals of Petroleum Measurement (first of three levels)
Hydraulics for Pipeline Engineers
Hydraulics for Pipeline Operators
Intermediate Petroleum Measurement (second of three levels)
LNG: Basics of Liquefied Natural Gas
Mass Measurement of Hydrocarbon Fluids
Natural Gas Measurement—Fundamentals
Natural Gas Measurement—Design/Application/Inspection
Natural Gas Measurement—Electronic Flow Measurement
Natural Gas Measurement—Sampling and Analysis
Petroleum Fundamentals
Pipeline Technology
Plant Processing of Natural Gas—Emphasis on Engineering
Plant Processing of Natural Gas—Emphasis on Operations
The Rig School™—Introduction to Offshore Operations
Valves and Actuators—Operation and Maintenance
ValvePro® Certified Valve Maintenance Technician
Completion and Workover

7.1 CEUs
Length: 9.5 days or
   1st Week: 5 days (3.8 CEUs)
   2nd Week: 4.5 days (3.3 CEUs)
Covers acceptable planning, techniques, and equipment for completion and stimulation of newly cased wells. Also covers planning, organizing, and supervising remedial and recompletion operations on old wells.

Course Content

1st Week
PLANNING THE JOB
PIPE RECOVERY
FISHING
WIRELINE OPERATIONS
WELL LOGGING
SELECTION OF DOWNHOLE EQUIPMENT
TREATING/CONTROL OF SCALE AND PARAFFIN
COMPLETION FLUID, CASING, AND TUBING
SAND, CLAY, AND WATER CONTROL

2nd Week
PERFORATING AND FRACTURING
PRIMARY CEMENTING AND SQUEEZING
DEEPENING OPERATIONS AND SIDETRACKING
LINERS
COIL TUBING AND NITROGEN
PRIMARY TESTING AND EVALUATION OF TESTS
MEASURING LIQUIDS AND GASES
ACCIDENT PREVENTION

Recommended For
Technicians, foremen, and supervisory-level production operators, workover personnel, and drilling personnel.

Included with Course
- Catered lunch daily; beverages and snacks provided
- Industry field trip
- Course materials including instructor presentations for sessions attended

Production Technology

7.1 CEUs
Length: 9.5 days or
   Subsurface: 5 days (3.8 CEUs)
   Surface: 4.5 days (3.3 CEUs)
Covers surface and subsurface production equipment and operations. Course may be attended in two split sessions (see below).

Course Content

1st Week—Subsurface
RESERVOIR FUNDAMENTALS
NATURAL DRIVE MECHANISMS
WELLHEAD EQUIPMENT
ARTIFICIAL LIFT MECHANISMS
ENHANCED RECOVERY
OFFSHORE PRODUCTION CONSIDERATIONS

2nd Week—Surface
PRODUCTION OPERATIONS PRACTICES
SEPARATION
TREATING/MEASURING LIQUIDS AND GAS
PRODUCED WATER MANAGEMENT AND DISPOSAL
LEASE AUTOMATION AND EMERGENCY SHUTDOWN
OIL AND GAS CORROSION

Recommended For
Technicians, foremen, production operators, and workover personnel.

Included with Course
- Catered lunch daily; beverages and snacks provided
- Industry field trip
- Course materials including instructor presentations
- Recommended book: Oil and Gas: The Production Story, 2nd edition