

Surface Production Operations

Maurice Stewart

DESIGN OF
GAS HANDLING
SYSTEMS AND
FACILITIES



VOLUME TWO
THIRD EDITION

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Aggour, Mohamed A. Fahim, 2015-09-18 Many oil production processes present a significant challenge to the oil and gas field processing facilities and equipment design. The optimization of the sequential operations of handling the oil gas mixture can be a major factor in increasing oil and gas production rates and reducing operating costs. *Petroleum and Gas Field Processing* provides an all inclusive guide to surface petroleum operations and solves these and other problems encountered in the field processing of oil and gas. Fully revised and updated to reflect major changes over the past decade or so, this second edition builds on the success attained in the first edition. It delivers an expanded and updated treatment that covers the principles and procedures related to the processing of reservoir fluids for the separation, handling, treatment and production of quality petroleum oil and gas products. With five new chapters, this second edition covers additional subjects in particular natural gas economics and profitability, oil field chemicals and piping and pumps. The book also contains worked out examples and case studies from a variety of oil field operations.

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