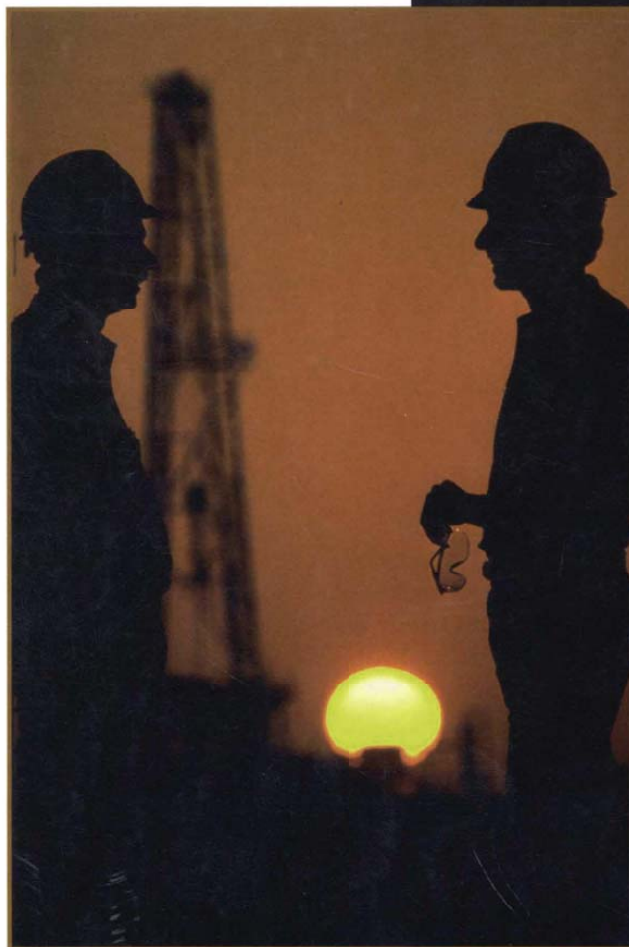


FUNDAMENTALS OF PETROLEUM

FOURTH EDITION





FUNDAMENTALS OF PETROLEUM • Fourth Edition

————— Special thanks to Sedco Forex for contributing the cover photo —————



Fundamentals of Petroleum

FOURTH EDITION



by Kate Van Dyke

Published by
PETROLEUM EXTENSION SERVICE
Division of Continuing Education
The University of Texas at Austin
Austin, Texas



in cooperation with
ASSOCIATION OF DESK AND DERRICK CLUBS
Tulsa, Oklahoma

1997



Library of Congress Cataloging-in-Publication Data

Van Dyke, Kate, 1951-

Fundamentals of petroleum / by Kate Van Dyke. — 4th ed.

p. cm.

ISBN 0-88698-162-X (pbk.)

1. Petroleum engineering. I. Title.

TN870.V28 1997

665.5—dc21

97-10098

CIP

© 1997 by The University of Texas at Austin

All rights reserved

First Edition published 1979. Fourth Edition 1997

Eighth Impression 2007

Printed in the United States of America

This book or parts thereof may not be reproduced in any form without permission of Petroleum Extension Service, The University of Texas at Austin.

Brand names, company names, trademarks, or other identifying symbols appearing in illustrations or text are used for educational purposes only and do not constitute an endorsement by the author or publisher.

Catalog No. 1.00040

ISBN 0-88698-162-X

The University of Texas at Austin is an equal opportunity employer. No state funds were used to produce this manual.

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.