RESERVOIR CLASS
FIELD DEMONSTRATION

U.S. Department of Energy
National Petroleum Technology Office

Publication & Presentation
Bibliography

December 1997
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Overview

The Reservoir Class Field Demonstration Program was initiated in FY92 in response to rapidly declining domestic production and the realization that huge volumes of oil are being abandoned in reservoirs because of uneconomic production techniques. This program is just one of the critical elements of the National Oil Program necessary to move Improved Oil Recovery (IOR) technology from the conceptual stage through research, pilot scale field experiments, and full-scale field demonstrations to industry acceptance and commercialization. Both the successful results and failures of the field demonstrations will provide focus to concurrent research programs. Elements of the field demonstrations that are suitable for broad industry application are being communicated to the industry through the oil program’s technology transfer effort.

As part of the technology transfer effort, this listing of publications and presentations by the project operators has been compiled by the U.S. Department of Energy’s (DOE) National Petroleum Technology Office (NPTO). DOE reports can be ordered through NPTO. To receive copies of publications and presentations contact the project operator. Project operators, and the contact person are listed in the section titled “Contacts”.

Also available through NPTO is a book titled “Class Project Summary Sheets”. Included in this book are maps showing project locations, tables of technologies addressed, and an overview of each project along with project results. This book is updated approximately every six months.

This information can also be found on the NPTO Website at: npto.doe.gov

Reservoirs were classified by depositional environment. The classifications are as follows:

- Class I  Fluvial Dominated Deltaic Reservoirs
- Class II  Shallow Shelf Carbonate Reservoirs
- Class III Slope & Basin Clastic Reservoirs
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Acronyms

AAPG  American Association of Petroleum Geologists
BEG  Bureau of Economic Geology, University of Texas, Austin
CIPA  California Independent Producers Association
DOE  Department of Energy
DPA  Digital Petroleum Atlas
EAGE  European Association of Geoscientists and Engineers
EOR  Enhanced Oil Recovery
FDD  Fluvial Dominated Deltaic
GBRN  Global Basin Research Network
IOR  Improved Oil Recovery
LSU  Louisiana State University
MOFRC  Michigan Oil Field Research Consortium
NIPER  National Institute for Petroleum and Energy Research
NPTO  National Petroleum Technology Office
NRC  National Research Council
OTC  Offshore Technology Conference
PTTC  Petroleum Technology Transfer Council
RMAG  Rocky Mountain Association of Geologists
SEG  Society of Exploration Geophysicists
SEPM  Society for Sedimentary Geology
SIPES  Society of Independent Professional Earth Scientists
SPE  Society of Petroleum Engineers
TCB  Tijerina-Canales-Blucher
TIPRO  Texas Independent Producers and Royalty Owners
WAG  Water Alternating Gas
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Contract Number: DE-FC22-93BC14959

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Sierra Energy Company

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Contract Number: DE-FC22-93BC14950

Publications
Texaco E & P

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Contract Number: DE-FC22-93BC14960

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University of Kansas

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Contract Number: DE-FC22-93BC14957

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University of Tulsa

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Laguna Petroleum

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Contract Number: DE-FC22-93BC14982

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Luff Exploration

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Contract Number: DE-FC22-93BC14984

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**Michigan Tech. University**

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**Contract Number: DE-FC22-93BC14983**

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Texaco E & P

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University of Kansas

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Contract Number: DE-FC22-93BC14988

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Bureau of Economic Geology, University of Texas, Austin

Application of Advanced Reservoir Characterization, Simulation and Production Optimization Strategies to Maximize Recovery in Slope and Basin Clastic Reservoirs, West Texas (Delaware Basin)

Contract Number: DE-FC22-95BC14936

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Advanced Reservoir Characterization in the Antelope Shale to Establish the Viability of CO₂-Enhanced Oil Recovery in California's Monterey Formation Siliceous Shales

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City of Long Beach—Steamflood

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Contract Number: DE-FC22-95BC14939

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City of Long Beach—Waterflood

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Contract Number: DE-FC22-95BC14934

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Pacific Offshore Operators

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Advanced Reservoir Characterization and Evaluation of CO2-Gravity Drainage in the Naturally Fractured Spraberry Reservoir

Contract Number: DE-FC22-95BC14942

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Strata Production

Advanced Oil Recovery Technologies for Improved Recovery from Slope Basin Clastic Reservoirs, Nash Draw Brushy Canyon Pool, Eddy County, New Mexico

Contract Number: DE-FC22-95BC14941

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University of Utah

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Diversified Operating Company
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Contact Number: G4S60323

Publications


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Russell Petroleum

Optimizing the Air Flotation Water Treatment Process

Contract Number: G4S50904

Publications


DOE Publications from the Class Program

The following DOE publications on the Class Projects are available from the U.S. Department of Energy’s National Petroleum Technology Office free of charge. Contact Viola Ram-Schatzinger (see Contact List, page iv)

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