Post Waterflood CO₂ Miscible Flood in Light Oil Fluvial-Dominated Deltaic Reservoirs

**Quarterly Report
July 1 - September 30, 1997**

**By:
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Work Performed Under Contract No.: DE-FC22-93BC14960

For
U.S. Department of Energy
Office of Fossil Energy
Federal Energy Technology Center
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By
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4th Quarter, Fiscal Year 1997

**Post Waterflood CO₂ Miscible Flood in Light Oil
Flooded Deltaic Reservoirs.**

DE - FC22 - 93BC14960--20

Texaco Exploration & Production Inc.

January 13, 1998

**Award Date: 1993
Flooded Deltaic Reservoirs**

Contract for Current Fiscal Year

\$523,000.00

**Project Manager (Texaco)
COR: Chandra Nandya
Contract specialist (DOE) : John Augustine**

Reporting Period: 1997 through Septe

US. DOE patent Clearance is not required prior to the publication of this document

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Fluvial-Dominated Deltaic Reservoirs

“DE - FC22 - 93BC14960”

Technical Progress Report

Fourth Quarter, 1997

Executive Summary.

Only one well remains on production in the Port Neches CO₂ project; Kuhn #14. Production from this project is approaching economic limit and the project is nearing termination at this point. The workover to return Kuhn #38 to production failed and the well is currently shut in. All produced CO₂ is currently being reinjected in the reservoir. The CO₂ recycled volume is 2 MMCFD.

Fourth* Quarter 1997, Objectives.

* Monitor reservoir performance, and evaluate the project economics .

No change in project operation since the second quarter report. The project is at a negative cash flow because of the workover failure at Kuhn #38.

Discussion of Results - Field Operations.

The following is a list of the most recent well test taken during the month of September 1997, for the producing and injection wells:

Producer: Kuhn #14, 33 BOPD, 96 % BS&W, 420 PSI, 36 CK.

Injection: No produced gas is being reinjected during September in preparation of project termination.

The Financial Status Report, Management Summary, Milestone Schedule and Federal Transaction Report are included in this report.

Discussion of Results - Technology Transfer.

No technology transfer activities is taking place during this period.

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First Quarter 1998, Objectives.

* Monitor reservoir performance, and begin project termination.