DOE/FETC Gasis Project Quarterly Technical Progress Report

**Quarterly Report
March 1 - May 30, 1998**

**By
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Work Performed Under Contract No.: DE-AC21-93MC28139

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**DOE/FETC GASIS PROJECT
QUARTERLY TECHNICAL PROGRESS REPORT**

March, April, May 1998

Contract No. DE-AC21-93MC28139

Energy and Environmental Analysis, Inc.

Prepared by R.H. Hugman

The following items describe technical progress on the GASIS project during the quarter for contract no. DE-AC21-93MC28139. During this period, work was performed on **Task 3: Natural Gas Reservoir Data System Development**, **Task 4: Technology Transfer**, **Task 7: Software Enhancement**, and **Task 9: Supplemental Reservoir Studies and Data Collection**.

1. SUMMARY OF WORK ACCOMPLISHED

Task 1. Obtain User Input

This task has been completed.

Task 2. Source Directory Development

This task has been completed.

Task 3. Natural Gas Reservoir Data System Development (Initial Project)

Gulf of Mexico Gas Atlas Database

During the quarter, EEA finalized processing of the Gulf of Mexico atlas database for inclusion in GASIS. Work included resolution of equivalency and definitional issues. The Gulf of Mexico database will add 9,947 records to GASIS.

Appalachian Database

EEA also finalized processing of the Appalachian atlas database for inclusion in GASIS. Work included processing of well count, production, and recovery information.

Updated GASIS Dataset from Dwight's

EEA received and processed an updated GASIS database from P.I./Dwight's for all of the GASIS records in Dwight's coverage areas. EEA worked with Dwight's to resolve several data processing issues with the data.

Task 4. Technology Transfer

Product Support

EEA provided product support for GASIS Release 1.

Task 5. Storage Media

No work was done on this task.

Task 7. Software Enhancement

EEA developed plans for the addition of graphing capabilities and type logs to GASIS.

Task 8. Reservoir Data System Updates and Enhancements

No work was done on this task.

Task 9. Supplemental Reservoir Studies and Data Collection

Reservoir Study Data

P.I./Dwight's delivered an updated reservoir study dataset to EEA. This completes the currently funded reservoir study effort.

Type Logs

Dwight's delivered the final group of hardcopy type logs to EEA. EEA began processing the logs for scanning and inclusion.

Task 10. Compile Tight Gas and Reservoir Property Data

This task has been completed.

2. SIGNIFICANT PROBLEMS ENCOUNTERED

None.

3. MEETINGS

Meetings with FETC

None.

4. PLANS FOR NEXT THREE MONTHS

Additional data processing of Dwight's and GASIS datasets will continue.

Technology transfer/product support activities will continue.

The remaining type logs will be prepared for inclusion in GASIS.

Progress will be made on the improvements to GASIS software.

5. ANTICIPATED PROBLEMS

None.