DOE/FETC Gasis Project Quarterly Technical Progress Report

Quarterly Report
March 1 - May 30, 1998

By
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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.
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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.