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ABSTRACT

The Pennsylvania State University, under contract to the U.S. Department of Energy, National Energy Technology Laboratory will establish, promote, and manage a national industry-driven Stripper Well Consortium (SWC) that will be focused on improving the production performance of domestic petroleum and/or natural gas stripper wells. The consortium creates a partnership with the U.S. petroleum and natural gas industries and trade associations, state funding agencies, academia, and the National Energy Technology Laboratory.

This report serves as the fourteenth quarterly technical progress report for the SWC. Key activities for this reporting period include: 1) organizing the SWC spring meeting in Golden Colorado, 2) planning of the upcoming SWC fall technology transfer meetings, and 3) recruit the SWC base membership,

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1.0 INTRODUCTION

The Pennsylvania State University, under contract to the U.S. Department of Energy (DOE), National Energy Technology Laboratory (NETL), is in the process of establishing an industry-driven stripper well consortium that will be focused on improving the production performance of domestic petroleum and/or natural gas stripper wells. Industry-driven consortia provide a cost-efficient vehicle for developing, transferring, and deploying new technologies into the private sector. The Stripper Well Consortium (SWC) will create a partnership with the U.S. petroleum and natural gas industries and trade associations, state funding agencies, academia, the National Energy Technology Laboratory, and the National Petroleum Technology Office.

Consortium technology development research will be conducted in the areas of reservoir remediation, wellbore clean up, and surface system optimization. Consortium members elected an Executive Council that will be charged with reviewing projects for consortium co-funding. Proposals must address improving the production performance of stripper wells and must provide significant cost share. The process of having industry develop, review, and select projects for funding will ensure that the consortium conducts research that is relevant and timely to industry. Co-funding of projects using external sources of funding will be sought to ensure that consortium funds are highly leveraged.

2.0 EXPERIMENTAL

A description of experimental methods is required by the DOE for all quarterly technical progress reports. In this program, Penn State is responsible for establishing and managing an industry-driven stripper well consortium. Technology development research awards are made on a competitive basis. Therefore, this section is not applicable to the Penn State contracted activities. Technical reports from the individual researchers will be required to contain an experimental discussion section and will be submitted to consortium members and DOE for their review.

3.0 RESULTS AND DISCUSSION

Key activities for this reporting period include: 1) organizing the SWC spring meeting in Golden Colorado, 2) planning of the upcoming SWC fall technology transfer meetings, and 3) recruit the SWC base membership,

3.1 Spring Meeting

The SWC will hold its spring meeting at the Table Mountain Inn on May 24-25, 2004 in Golden Colorado. The proposal deadline is May 5, 2004. After all of the proposals have been received the meeting agenda will be developed and posted on the SWC website.

3.2 Upcoming Meetings

The SWC will organize and host two technology meetings in 2004.

Oklahoma City, Oklahoma Workshop. The first technology transfer event will be held in collaboration with the Oklahoma Marginal Well Commission (OMWC) Technology Trade Fair on October 26, 2004 in Oklahoma City, OK. The SWC is a co-sponsor for the event and is organizing 12 exhibit booths to showcase past and present SWC projects.

Northeast Workshop. The second technology transfer workshop will be held in the northeast after the Oklahoma City Trade Fair. The workshop is still in the planning stage.

3.3 Membership Recruitment

As 2003 closed, all of the SWC memberships expired because the memberships were formed around the initial three-year award which supported the Consortium. Efforts during this reporting period focused on rebuilding the SWC membership. New SWC members include: University of Kansas, United States Gypsum Company, Texas Tech University, and Chautauqua Energy, Inc.

4.0 CONCLUSIONS

Key activities for this reporting period include: 1) organizing the SWC spring meeting in Golden Colorado, 2) planning of the upcoming SWC fall technology transfer meetings, and 3) recruit the SWC base membership,

5.0 REFERENCES

A listing of referenced materials is required by the DOE for each quarterly technical progress report. This technical progress report for the SWC did not utilize any reference material.

6.0 APPENDICES

This report does not contain any appendices.