

Title Page

Report Title: Downhole Power Generation and Wireless Communications
for Intelligent Completions Applications

Type of Report: Quarterly Progress Report

Project Report Period: Start Date – October 01, 2004
End Date- December 31, 2004

Principal Author: Paul Tubel

Date Report was issued: May 08, 2005

DoE Cooperative Agreement No. DE-FC26-02NT41601

Submitting Organization: **Tubel Technologies, Inc.**
4800 Research Forest
The Woodlands, TX 77381

Disclaimer

This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency thereof, nor any of their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof.

Abstract

The development work during this quarter was focused in the test of the wireless gauge in a well. The tool was sent to Halliburton for a test. The company indicated that the test well was not available for 4 months and the company was not able to schedule a test of the wireless gauge in its test well. The tool was returned to Tubel Tech's facility in The Woodlands.

Tubel Tech is looking for a new test well to deploy the wireless gauge to complete the requirements for the DOE.

Table of Content

Title Page	1
Disclaimer	2
Abstract	3
Table of Content	3
List of Graphical Materials	4
No pictures.	4
Introduction	4
Executive Summary	5
Experimental	5
Bibliography	5
List of Acronyms and Abbreviations	5
Appendices	5

List of Graphical Materials

No pictures.

Introduction

The Downhole Power Generation and Wireless Communications for Intelligent Completions Application project has been completed with the exception of a final test in a wellbore. Tubel Tech is looking for a well to deploy the tool to prove the concept and complete the project. No development work has been performed during this quarter.

Executive Summary

The Downhole Power Generation and Wireless Communications for Intelligent Completions Application project has been completed with the exception of a final test in a wellbore. Tubel Tech is looking for a well to deploy the tool to prove the concept and complete the project. No development work has been performed during this quarter.

Experimental

No tests have been performed on this project during this quarter.

Results and Discussion

The project has been completed with the exception of a well test.

Conclusion

Tubel Tech expects to run the wireless gauge tool in a well during the next quarter to complete the project.

Bibliography

List of Acronyms and Abbreviations

There are no acronyms or abbreviations in this report.

Appendices

No appendices.