The Fifth Division Bureau Of Geophysical Prospecting
China National Petroleum Corporation
中国石油集团地球物理勘探局第五地质调查处

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加拿大凤凰公司：

T-200大功率多功能发射机引进以来，我们请中国地质大学和一物的有关专家进行了室内和野外的各种测试。在室内测试了T-200的输出波形，关断时间，占空比，最大电流和最小电流及各种保护电路。专家们对测试结果很满意，认为T-200达到了设计要求并同意验收。在室内验收通过我们又进行了多次野外验测试。首先在大港油田开展了复电阻率工作，之后又在北京，松辽完成开展了CSAMT工作，去年底又开车7天到达新疆进行复电阻率施工。在这几次施工中遇到了大港油田的低电阻，北京地区的复杂高阻，任丘老城的高干扰，新疆的长途运输。T-200发射机基本都能正常工作，这说明T-200设计合理，并考虑了各种野外环境因素。是一台先进的大功率多功能的发射机。我们希望贵公司继续努力为T-200再改进和增加多功能采集站，发挥T-200大功率大范围供电的优势，提高野外数据采集工作的效率，并祝一切顺利！

地调所

2004.2.5

Translation of letter(Regarding T-200 performance)
from
The Fifth Geological Survey Division
Bureau of Geophysical Prospecting
China National Petroleum Corporation

To: Phoenix Geophysics Ltd., Canada

Since we imported T-200 High Power Multi-function Transmitter we and the experts from China University of Geosciences and First Geophysical Survey Team of Anhui Province have made extensive indoor and outdoor tests on the transmitter.
The indoor tests included: output waveforms, switch-off times, duty cycles, max. and min. currents and protection circuits performance. The experts from both the University and First Survey Team are happy with the test results.
After the transmitter passed its indoor tests we have made several surveys in the field. The first was test surveys carried out at the Dagang Oil Field for Complex Resistivity structures. Immediately after that we have made the CSAMT surveys within the Metro Beijing area and Renqio old town.
Late last year we drove for 7 days to Xinjiang Province for another Complex Resistivity surveys.
During these field surveys we have encountered the following challenges:

- extreme low resistivity at Dagang survey sites
- high summer temperature in Beijing area and high interference at Renqio and
- long transportation to Xinjiang survey sites.

T-200 transmitter has performed well under all these circumstances. It has clearly demonstrated to us that the T-200 system is well designed; and with much considerations for various field survey environment. It is a [technically] advanced high-power multi-function transmitter.
We hope Phoenix could keep pushing to produce a set of light weight multi-function data acquisition stations to work with the T-200. That would further enhance the advantages and superiority of a system using the T-200's high power output for large area survey. It would also improve the productivity of the field data acquisition.

Best Regards,

The 5th Geological Survey Disivion
(Bureau of Geophysical Prospecting, China National Petroleum Corp.)
Liu Xiaoshan
Feb 05, 2004