

2

SIGNATURE

Pursuant to the requirements of the Securities and Exchange Act of 1934, the registrant duly caused this report to be signed by the undersigned hereunto duly authorized.

Date: April 28, 2004

DAWSON GEOPHYSICAL COMPANY

By: /s/ L. Decker Dawson

L. Decker Dawson
CHIEF EXECUTIVE OFFICER

By: /s/ Christina W. Hagan

Christina W. Hagan
CHIEF FINANCIAL OFFICER

EXHIBIT INDEX

| EXHIBIT NO. ----- | EXHIBIT ----- |
|----------------------|------------------------------------|
| 99.1 | Press Release dated April 27, 2004 |

