

---

---

# SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## FORM 8-K

### CURRENT REPORT

#### PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

DATE OF REPORT (DATE OF EARLIEST EVENT REPORTED):  
March 27, 2006

### TGC INDUSTRIES, INC.

(Exact name of registrant as specified in its charter)

Texas  
(State of incorporation)

0-14908  
(Commission File No.)

74-2095844  
(IRS Employer Identification No.)

1304 Summit Ave., Ste 2  
Plano, TX 75074  
(Address of principal executive offices) (Zip Code)

Registrant's telephone number, including area code: (972) 881-1099

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
  - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
  - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
  - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
- 
- 

#### Item 8.01 Other Events.

On March 27, 2006, TGC Industries, Inc. ("TGC" or the "Company") issued a press release announcing the purchase of a fifth ARAM ARIES seismic recording system. A copy of this press release is being furnished as Exhibit 99.1 to this Current Report on Form 8-K.

#### Item 9.01 Financial Statements and Exhibits.

(d) Exhibits.

The following exhibit is furnished with this Form 8-K:

99.1 Press release of the Company dated March 27, 2006.

#### SIGNATURES

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

TGC INDUSTRIES, INC.

Date: March 30, 2006

By: /s/ Wayne A. Whitener  
Wayne A. Whitener

**EXHIBIT INDEX**

<u>Exhibit No.</u>	<u>Description</u>
99.1	Press release of the Company dated March 27, 2006.

**NEWS RELEASE**

**CONTACTS:** Wayne Whitener  
Chief Executive Officer  
TGC Industries  
(972) 881-1099

Jack Lascar, Partner  
Karen Roan, SVP  
DRG&E (713) 529-6600

**FOR IMMEDIATE RELEASE****TGC INDUSTRIES ANNOUNCES THE PURCHASE  
OF ITS FIFTH ARAM ARIES RECORDING SYSTEM**

PLANO, TEXAS — March 27, 2006 — TGC Industries, Inc. (AMEX: TGE) today announced that the Company has entered into an agreement to purchase its fifth ARAM ARIES seismic recording system and plans to take delivery within the next 30 days. This type of system, which is Microsoft Windows driven, provides high speed data recovery and monitoring capabilities and automated geophysical data characterization. During the past twelve months, TGC Industries has purchased four new ARAM ARIES systems.

Wayne Whitener, President and CEO of TGC Industries, stated, “We continue to see growing demand for land 3-D seismic surveys, and the purchase of another new ARAM ARIES system will enable us to improve the productivity of our six seismic field acquisition crews and better serve our customers’ needs. The addition of this 2,500 channel, state-of-the-art system will increase our channel capacity to over 25,000.” TGC Industries, Inc., based in Plano, Texas, with a branch office in Houston, is one of the leading providers of seismic data acquisition services throughout the continental United States.

*This press release includes “forward-looking statements” within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. These forward looking statements are based on our current expectations and projections about future events. All statements other than statements of historical fact included in this press release regarding the Company are forward looking statements. There can be no assurance that those expectations and projections will prove to be correct.*

---