FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

| OMB APP     | ROVAL    |
|-------------|----------|
| OMB Number: | 3235-028 |

37 Estimated average burden hours per response: 0.5

## Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| 1. Name and Address of Reporting Person*  BROWN PAUL H   |   |         |           |   | 2. Issuer Name <b>and</b> Ticker or Trading Symbol DAWSON GEOPHYSICAL CO [ DWSN ] |   |         |  |   |     |   |  |                               |        | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) |   |   |   |  |  |
|--|---|---------|-----------|---|---|---|---------|--|---|-----|---|--|-------------------------------|--------|---|---|---|---|--|--|
| TIC W  | 11110L  | <u></u> |           |   |   |   |         |  |   |     |   |  |                               |        | X   | Direc   | tor   | 10  | % Owner                                |  |
| (Last) 508 WES   |   | rst) (  | Middle)   |   |   | 3. Date of Earliest Transaction (Month/Day/Year) 04/11/2006 |         |  |   |     |   |  |                               |        |   | Office  | er (give title<br>v)  |   | er (specify<br>ow)                     |  |
| SUITE 800  |   |         |           |   |   | 4. If Amendment, Date of Original Filed (Month/Day/Year)    |         |  |   |     |   |  |                               |        | 6. Individual or Joint/Group Filing (Check Applicable Line)             |   |   |   |  |  |
| (Street)   | ND TX   | ζ 7     | 9701      |   |   |   |         |  |   |     |   |  |                               |        | X   | Form  | n filed by One  |   |  |  |
| (City)   | (St   | ate) (  | Zip)      |   |   |   |         |  |   |     |   |  |                               |        |   | Pers  | on  |   |  |  |
|  |   | Tabl    | e I - Nor | n-Deriva                                | ative   | Sec   | curitie | s Acc  | quired,                                 | Dis | posed o   | f, or                                      | Bene                          | eficia | ally C  | Owne  | ed  |   |  |  |
| 1. Title of Security (Instr. 3)  2. Transac Date (Month/Date)  |   |         |           |   | Execution Date,   |   |         | n Date,  | Transaction Disposed Of Code (Instr. 5) |     |   | ties Acquired (A)<br>I Of (D) (Instr. 3, 4 |                               |        | 4 and Se<br>Be<br>Ov  |   | ount of<br>ties<br>cially<br>d Following                          | 6. Ownershi<br>Form: Direc<br>(D) or Indire<br>(I) (Instr. 4) | of Indirect<br>Beneficial<br>Ownership |  |
|  |   |         |           |   |   |   |         |  | Code                                    | v   | Amount  | mount (A) or (D)                           |                               | Price  | - 1   | Reported<br>Transaction(s)<br>(Instr. 3 and 4)  |   |   | (Instr. 4)                             |  |
| Dawson Geophysical Company-common stock \$0.33 1/3 par   |   |         |           |   | 04/11/2006  |   |         |  | S                                       |     | 2,500   | 0 D \$                                     |                               | \$29   | .04   | 2,000   |   | D   |  |  |
| Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) |   |         |           |   |   |   |         |  |   |     |   |  |                               |        |   |   |   |   |  |  |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)  | ivative Conversion Date Execution Date, urity or Exercise (Month/Day/Year) if any |         |           | 4.<br>Transaction<br>Code (Instr.<br>8) |   | ı of  |         | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) |   |     | 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative<br>Security (Instr.<br>and 4) |  |                               |        | vative<br>urity<br>tr. 5)   | 9. Number of<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s<br>(Instr. 4) | Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | Beneficial<br>Ownership<br>ct (Instr. 4)                      |  |  |
|  |   |         |           |   | Code  | v   | (A)     | (D)  | Date<br>Exercisal                       |     | Expiration<br>Date  | Title                                      | Amo<br>or<br>Nun<br>of<br>Sha | nber   |   |   |   |   |  |  |

**Explanation of Responses:** 

Paul H. Brown

04/12/2006

\*\* Signature of Reporting Person

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

- \* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.