

DAWSON GEOPHYSICAL CO

Form SC 13G

February 07, 2007

OMB APPROVAL
OMB Number: 3235-0145
Expires: February 28, 2009
Estimated average burden
hours per response...10.4

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

SCHEDULE 13G

**Under the Securities Exchange Act of 1934
(Amendment No.)***

Dawson Geophysical Company

(Name of Issuer)

Common Stock

(Title of Class of Securities)

239359102

(CUSIP Number)

February 7, 2007

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

Rule 13d-1(b)

Rule 13d-1(c)

Rule 13d-1(d)

* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be filed for the purpose of Section 18 of the Securities Exchange Act of 1934 (Act) or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP No. 239359102

Page 2 of 5

NAMES OF REPORTING PERSONS:

1

Lewis Decker Dawson

I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY):

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS):

2

(a)

(b)

SEC USE ONLY:

3

CITIZENSHIP OR PLACE OF ORGANIZATION:

4

United States of America

SOLE VOTING POWER:

5

NUMBER OF 408,192(1)

SHARED VOTING POWER:

SHARES BENEFICIALLY OWNED BY 6

0

SOLE DISPOSITIVE POWER:

EACH REPORTING PERSON 7

408,192(1)

SHARED DISPOSITIVE POWER:

WITH: 8

0

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON:

9

408,192(1)

10 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS):

o

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9):

5.38%

12 TYPE OF REPORTING PERSON (SEE INSTRUCTIONS):

IN

CUSIP No. 239359102

13G

Page 3 of 5 Pages

Item 1.

Item 1(a) Name of Issuer: Dawson Geophysical Company

Item 1(b) Address of Issuer's
Principal Executive Offices 508 West Wall, Suite 800
Midland, TX 79701

Item 2.

Item 2(a) Name of Person Filing: Lewis Decker Dawson

Item 2(b) Address of Principal
Business Office or, if
None Residence: 508 West Wall, Suite 800
Midland, TX 79701

Item 2(c) Citizenship United States of America

Item 2(d) Title of Class of Securities: Common Stock

Item 2(e) CUSIP Number: 239359102

Item 3. If this statement is filed pursuant to rule 13d-1(b) or rule 13d-2(b) or (c), check whether the person filing is a:

Not applicable.

Item 4. Ownership

(a) Amount beneficially owned:

408,192(1) shares

(b) Percent of Class:

5.38%

CUSIP No. 239359102

13G

Page 4 of 5 Pages

(c) Number of shares as to which such person has:

(i) Sole power to vote or to direct the vote
408,192(1)

(ii) Shared power to vote or to direct the vote
0

(iii) Sole power to dispose or to direct the disposition of
408,192(1)

(iv) Shared power to dispose or to direct the disposition of
0

Item 5. Ownership of Five Percent or Less of a Class

Not applicable.

Item 6. Ownership of More than Five Percent on Behalf of Another Person

Not applicable.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person

Not applicable.

Item 8. Identification and Classification of Members of the Group

Not applicable.

Item 9. Notice and Dissolution of Group

Not applicable.

Item 10. Certification

Not applicable.

(1) Included in the
number of
shares
Mr. Dawson
beneficially
owns are
300,000 shares
of common
stock held by

Lewis Decker
Dawson, as
trustee of the
Decker and Lou
Dawson
Charitable
Remainder
Unitrust dated
January 11,
2007.
Mr. Dawson
disclaims
beneficial
ownership of
these shares
except to the
extent of
Mr. Dawson's
pecuniary
interest therein.

CUSIP No. 239359102

13G
SIGNATURE

Page 5 of 5 Pages

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

February 7, 2007

(Date)

/s/ L. Decker Dawson

Name: L. Decker Dawson