

TOBIAS C RAY  
Form 4  
August 29, 2008

**FORM 4**

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

OMB APPROVAL

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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 OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
TOBIAS C RAY

2. Issuer Name and Ticker or Trading Symbol  
DAWSON GEOPHYSICAL CO  
[DWSN]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)  
508 W. WALL SUITE 800  
(Street)

3. Date of Earliest Transaction (Month/Day/Year)  
08/27/2008

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
Executive Vice President, COO

MIDLAND, TX 79701

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

(City) (State) (Zip)

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Dawson Geophysical Company-Common Stock \$0.33 1/3 par value	08/27/2008		M	5,000 A	\$ 7.06 30,775	D	
Dawson Geophysical Company-Common Stock \$0.33 1/3 par value	08/27/2008		M	3,750 A	\$ 17.91 34,525	D	
Dawson Geophysical	08/27/2008		S	5,000 D	\$ 62.7121 29,525	D	

Company-Common  
Stock \$0.33 1/3 par  
value

Dawson  
Geophysical

Company-Common 08/27/2008  
Stock \$0.33 1/3 par  
value

S 3,750 D \$ 62.7121 25,775 D

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

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(9-02)

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned**  
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)
Employee Stock Option (Right to buy)	\$ 7.06	08/27/2008		M	5,000	(1) 11/03/2008	Dawson Geophysical-Common stock
Employee Stock Option (Right to buy)	\$ 17.91	08/27/2008		M	3,750	(2) 11/09/2009	Dawson Geophysical-Common stock

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
TOBIAS C RAY 508 W. WALL SUITE 800			Executive Vice President, COO	

MIDLAND, TX 79701

## Signatures

C. Ray Tobias

08/29/2008

\_\_Signature of  
Reporting Person

Date

## Explanation of Responses:

- \* 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).
- (1) The options vested in four equal installments on November 3, 2004, 2005, 2006 and 2007.
- (2) This option has vested or will vest in four equal installments on November 9, 2005, 2006, 2007 and 2008.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.