

DAWSON GEOPHYSICAL CO
 Form 4
 February 20, 2007

FORM 4

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

OMB APPROVAL

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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 WEST WALL SUITE 800
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
02/16/2007

____ 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)
				(A) or (D)	Price		
DWSN-Common \$0.33 1/3 par	02/16/2007	02/16/2007	M	5,000 A	\$ 7.4065	46,025	D
DWSN-Common \$0.33 1/3 par	02/16/2007	02/16/2007	S	3,000 D	\$ 40.6091	43,025	D

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

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