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

## SCHEDULE 13G

Under the Securities Exchange Act of 1934 (Amendment No. 2)\*

		DAWSON GEOPHYSICAL COMPANY
	(Name	of Issuer)
	Common	Stock, \$0.01 par value
	(Title of Clas	s of Securities)
		239360100
		Number) December 31, 2018
	(Date of Event Which Re	quires Filing of this Statement)
	ck the appropriate box to designate edule is filed:	the rule pursuant to which this
	[X] Rule 13d-1(b)	
	[_] Rule 13d-1(c)	
	[_] Rule 13d-1(d)	
ini and		
deer Act of t	of 1934 ("Act") or otherwise subjec	er of this cover page shall not be Section 18 of the Securities Exchange t to the liabilities of that section other provisions of the Act (however,
CUSI		 13G
(1)	NAMES OF REPORTING PERSONS. I.R.S. IDENTIFICATION NOS. OF AB	OVE PERSONS (entities only).
	Renaissance Technologies LLC	26-0385758
(2)	CHECK THE APPROPRIATE BOX IF A MEM (a) [_] (b) [_]	BER OF A GROUP (SEE INSTRUCTIONS):
(3)	SEC USE ONLY	
(4)	CITIZENSHIP OR PLACE OF ORGANIZATIO	Л
	Delaware	
		(5) SOLE VOTING POWER
	NUMBER OF SHARES BENEFICIALLY OWNED	1,661,805
	BY EACH REPORTING PERSON WITH:	(6) SHARED VOTING POWER
		0
		(7) SOLE DISPOSITIVE POWER

(9) AGGREGATE AMOUN	T BENEFICIALLY OWNED BY	EACH REPORTING PERSON	
(3) 11001.001111 1111001	1,702,834		
(10) CHECK BOX IF TH	E AGGREGATE AMOUNT IN R	DW (9) EXCLUDES CERTAIN SHARES	
(11) PERCENT OF CLA			
	7.42 %		
(12) TYPE OF REPORTI	NG PERSON (SEE INSTRUCT	IONS)	
	Page 2 of 8	pages	
	Page 3 of 8		
CUSIP NO. 23936010		Page 3 of 8 Page	
	ING PERSONS. ICATION NOS. OF ABOVE P		
(2) CHECK THE APPRO (a) [_] (b) [_]			
(3) SEC USE ONLY			
(A) CIMITENCUID OD E	LACE OF ORGANIZATION		
Delaware	LACE OF ORGANIZATION		
		(5) SOLE VOTING POWER	
	NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	1,661,805	
		(6) SHARED VOTING POWER	
		(7) SOLE DISPOSITIVE POWER	
		1,664,186	
		(8) SHARED DISPOSITIVE POWER	
		38,648	
(9) AGGREGATE AMOUN	T BENEFICIALLY OWNED BY	EACH REPORTING PERSON	
	1,702,834		
(10) CHECK BOX IF TH		DW (9) EXCLUDES CERTAIN SHARES	
(11) PERCENT OF CLA	SS REPRESENTED BY AMOUN	I IN ROW (9)	
	7.42 %		
(12) TYPE OF REPORTI	NG PERSON (SEE INSTRUCT HC	IONS)	
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Item 1.

(a) Name of Issuer

DAWSON GEOPHYSICAL COMPANY

(b) Address of Issuer's Principal Executive Offices.

508 West Wall, Suite 800, Midland, Texas 79701

Item 2.

(a) Name of Person Filing:

This Schedule 13G is being filed by Renaissance Technologies LLC ("RTC") and Renaissance Technologies Holdings Corporation ("RTHC").

(b) Address of Principal Business Office or, if none, Residence.

The principal business address of the reporting persons is:

800 Third Avenue New York, New York 10022

(c) Citizenship.

RTC is a Delaware limited liability company, and RTHC is a Delaware corporation.

(d) Title of Class of Securities.

Common Stock, \$0.01 par value

(e) CUSIP Number.

239360100

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

- (a) [\_] Broker or dealer registered under section 15 of the Act.
- (b)  $\begin{bmatrix} -1 \end{bmatrix}$  Bank as defined in section 3(a)(6) of the Act.
- Insurance Company as defined in section 3(a)(19) of the Act. (c) [\_]
- (d) [\_] Investment Company registered under section 8 of the Investment Company Act.
- (e) [x] Investment Adviser in accordance with Sec.240.13d-1(b)(1)(ii)(E).
- (f) [\_] Employee Benefit Plan or Endowment Fund in accordance with Sec. 240.13d-1(b)(1)(ii)(F).
- (g)  $[\_]$  Parent holding company, in accordance with Sec.240.13d-1(b)(1)(ii)(G).
- (h) [\_] A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act.
- (i) [\_] A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940.
- (j) [ ] Group, in accordance with Sec.240.13d-1(b)(1)(ii)(J).

Item 4. Ownership.

(a) Amount beneficially owned.

RTC: 1,702,834

shares shares, comprising the shares beneficially owned 1,702,834 RTHC: by RTHC, because of RTHC's majority ownership of RTC.

(b) Percent of Class.

7.42 % RTC: RTHC: 7.42 %

- (c) Number of shares as to which the person has:
  - (i) sole power to vote or to direct the vote:

RTC: 1,661,805 RTHC: 1,661,805 (ii) Shared power to vote or to direct the vote:

0

(iii) sole power to dispose or to direct the disposition of:

RTC: 1,664,186 RTHC: 1,664,186

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

RTC: 38,648 RTHC: 38,648

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

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following: []

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

Certain funds and accounts managed by RTC have the right to receive dividends and proceeds from the sale of the securities which are the subject of this report.

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

Not applicable

Item 8. Identification and Classification of Members of the Group.

Not applicable

Item 9. Notice of Dissolution of a Group.

Not applicable

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Item 10. Certification

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

## SIGNATURE

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.

Date: February 12, 2019

Renaissance Technologies LLC

By: /s/ Mark Silber
Executive Vice President

By: /s/ Mark Silber Vice President

Attention: Intentional misstatements or omissions of fact constitute Federal criminal violations (See 18 U.S.C. 1001).

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EXHIBIT 99.1

AGREEMENT REGARDING JOINT FILING

UNDER RULE 13D-1(K) OF THE EXCHANGE ACT

In accordance with Rule 13d-1(k) under the Securities Exchange Act of 1934, as amended, each of the undersigned agrees to the filing on behalf of each of a Statement on Schedule 13G, and all amendments thereto, with respect to the shares of Common Stock, \$0.01 par value of DAWSON GEOPHYSICAL COMPANY.

Date: February 12, 2019

Renaissance Technologies LLC

By: /s/ Mark Silber

Executive Vice President

Renaissance Technologies Holdings Corporation

By: /s/ Mark Silber Vice President

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