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

SCHEDULE 13G

Under the Securities Exchange Act of 1934 (Amendment No. 4)\*

DAWSON GEOPHYSICAL COMPANY
(Name of Issuer)
Common Stock, \$0.01 par value
(Title of Class of Securities)
239360100
(CUSIP Number) December 31, 2020
(Date of Event Which Requires Filing of this Statement)

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

[X] 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. 2	39360100		13G		Page 2	of 8	Pages
(1)		OF REPORTING . IDENTIFICAT	PERSONS. ION NOS. OF AB	OVE PERSONS	(entities on	ly).		
	Renais	sance Technol	ogies LLC.	26-0385758				
(2) (	CHECK T (a) [_ (b) [_	] ]	E BOX IF A MEM		-		s):	
(3) S	SEC USE							
(4) CI	ITIZENS	HIP OR PLACE	OF ORGANIZATIO					
	Delawa	re						
				(5)	SOLE VOTING	POWER		
E	NUMBER OF SHARES BENEFICIALLY OWNED			1,720,	133			
	BY EACH REPORTING PERSON WITH:	(6)	SHARED VOTI	NG POWE	R			
					0			
				(7)	SOLE DISPO	SITIVE	POWER	2

1,741,679

(9)	AGGREGATE AMOUNT BENEFICIALLY OWN	ED BY EACH REPORTING PERSON
	1,741,67	9
(10)	CHECK BOX IF THE AGGREGATE AMOUNT (SEE INSTRUCTIONS)	IN ROW (9) EXCLUDES CERTAIN SHARES
		[_]
(11)	PERCENT OF CLASS REPRESENTED BY	AMOUNT IN ROW (9)
	7.42 %	
(12)	TYPE OF REPORTING PERSON (SEE INS IA	
====:	-	of 8 pages
	Page 3	of 8 pages
CUS		13G Page 3 of 8 Pages
(1)	NAMES OF REPORTING PERSONS. I.R.S. IDENTIFICATION NOS. OF AE	OVE PERSONS (ENTITIES ONLY).
	RENAISSANCE TECHNOLOGIES HOLDINGS	CORPORATION 13-3127734
(2)	(a) [_] (b) [_]	MBER OF A GROUP (SEE INSTRUCTIONS)
(3)	SEC USE ONLY	
(4)	CITIZENSHIP OR PLACE OF ORGANIZATI	ON
	Delaware	
		(5) SOLE VOTING POWER
-	NUMBER OF SHARES BENEFICIALLY OWNED	1,720,133
	BY EACH REPORTING PERSON WITH:	(6) SHARED VOTING POWER
		0
		(7) SOLE DISPOSITIVE POWER
		1,741,679
		(8) SHARED DISPOSITIVE POWER
		0
(9)	AGGREGATE AMOUNT BENEFICIALLY OWN	ED BY EACH REPORTING PERSON
	1,741,67	9
(10)	CHECK BOX IF THE AGGREGATE AMOUNT (SEE INSTRUCTIONS) [_]	IN ROW (9) EXCLUDES CERTAIN SHARES
 (11)	PERCENT OF CLASS REPRESENTED BY	AMOUNT IN ROW (9)
( + + )	7.42 %	
(12)	TYPE OF REPORTING PERSON (SEE INS	TRUCTIONS)
	HC Page 3	of 8 pages

Item 1. (a) Name of Issuer DAWSON GEOPHYSICAL CO (b) Address of Issuer's P 508 West Wall, Suite Item 2. (a) Name of Person Filing This Schedule 13G is ("RTC") and Renaissa (b) Address of Principal The principal busine 800 Third Av New York, Ne (c) Citizenship.	rincipal Executive Offi 800, Midland, Texas 79 : being filed by Renaiss nce Technologies Holdir	ices. 9701 sance Technologies LLC
DAWSON GEOPHYSICAL CO (b) Address of Issuer's P 508 West Wall, Suite Item 2. (a) Name of Person Filing This Schedule 13G is ("RTC") and Renaissa (b) Address of Principal The principal busine 800 Third Av New York, Ne (c) Citizenship. RTC is a Delaware lim RTHC is a Delaware co (d) Title of Class of Se Common Stock, \$0.01 (e) CUSIP Number.	rincipal Executive Offi 800, Midland, Texas 79 : being filed by Renaiss nce Technologies Holdir Business Office or, if	9701 sance Technologies LLC
<ul> <li>(b) Address of Issuer's P 508 West Wall, Suite</li> <li>Item 2.</li> <li>(a) Name of Person Filing This Schedule 13G is ("RTC") and Renaissa</li> <li>(b) Address of Principal</li> <li>The principal busine 800 Third Av New York, Ne</li> <li>(c) Citizenship.</li> <li>RTC is a Delaware lim RTHC is a Delaware co</li> <li>(d) Title of Class of Se Common Stock, \$0.01</li> <li>(e) CUSIP Number.</li> </ul>	rincipal Executive Offi 800, Midland, Texas 79 : being filed by Renaiss nce Technologies Holdir Business Office or, if	9701 sance Technologies LLC
508 West Wall, Suite Item 2. (a) Name of Person Filing This Schedule 13G is ("RTC") and Renaissa (b) Address of Principal The principal busine 800 Third Av New York, Ne (c) Citizenship. RTC is a Delaware lim RTHC is a Delaware co (d) Title of Class of Se Common Stock, \$0.01 (e) CUSIP Number.	800, Midland, Texas 79 : being filed by Renaiss nce Technologies Holdir Business Office or, if	9701 sance Technologies LLC
Item 2. (a) Name of Person Filing This Schedule 13G is ("RTC") and Renaissa (b) Address of Principal The principal busine 800 Third Av New York, Ne (c) Citizenship. RTC is a Delaware lim RTHC is a Delaware co (d) Title of Class of Se Common Stock, \$0.01 (e) CUSIP Number.	: being filed by Renaiss nce Technologies Holdir Business Office or, if	sance Technologies LLC
<ul> <li>(a) Name of Person Filing This Schedule 13G is ("RTC") and Renaissa</li> <li>(b) Address of Principal The principal busine 800 Third Av New York, Ne</li> <li>(c) Citizenship.</li> <li>RTC is a Delaware lim RTHC is a Delaware co</li> <li>(d) Title of Class of Se Common Stock, \$0.01</li> <li>(e) CUSIP Number.</li> </ul>	being filed by Renaiss nce Technologies Holdir Business Office or, if	
This Schedule 13G is ("RTC") and Renaissa (b) Address of Principal The principal busine 800 Third Av New York, Ne (c) Citizenship. RTC is a Delaware lim RTHC is a Delaware co (d) Title of Class of Se Common Stock, \$0.01 (e) CUSIP Number.	being filed by Renaiss nce Technologies Holdir Business Office or, if	
<pre>("RTC") and Renaissa (b) Address of Principal The principal busine 800 Third Av New York, Ne (c) Citizenship. RTC is a Delaware lim RTHC is a Delaware co (d) Title of Class of Se Common Stock, \$0.01 (e) CUSIP Number.</pre>	nce Technologies Holdir Business Office or, if	
The principal busine 800 Third Av New York, Ne (c) Citizenship. RTC is a Delaware lim RTHC is a Delaware co (d) Title of Class of Se Common Stock, \$0.01 (e) CUSIP Number.		
800 Third Av New York, Ne (c) Citizenship. RTC is a Delaware lim RTHC is a Delaware co (d) Title of Class of Se Common Stock, \$0.01 (e) CUSIP Number.	ss address of the repor	f none, Residence.
New York, Ne (c) Citizenship. RTC is a Delaware lim RTHC is a Delaware co (d) Title of Class of Se Common Stock, \$0.01 (e) CUSIP Number.		rting persons is:
RTC is a Delaware lim RTHC is a Delaware co (d) Title of Class of Se Common Stock, \$0.01 (e) CUSIP Number.	enue w York 10022	
RTHC is a Delaware co (d) Title of Class of Se Common Stock, \$0.01 (e) CUSIP Number.		
Common Stock, \$0.01 (e) CUSIP Number.	ited liability company, rporation.	, and
(e) CUSIP Number.	curities.	
	par value	
239360100		
200000100		
	Page 4 of 8	pages
tem 3. If this statement is		
	istered under section 1 ection 3(a)(6) of the A	
c) [_] Insurance Company as	defined in section 3(a egistered under sectior	a)(19) of the Act.
e) [x] Investment Adviser i	n or Endowment Fund in	240.13d-1(b)(1)(ii)(E). accordance with
g) [_] Parent holding compa		Sec.240.13d-1(b)(1)(ii)(G). on 3(b) of the Federal
Deposit Insurance Ac		finition of an investment
company under sectio	n 3(c)(14) of the Inves with Sec.240.13d-1(b)(	stment Company Act of 1940. (1)(ii)(J).
tem 4. Ownership.		
(a) Amount beneficially o	wned.	
RTC: 1,741,679 RTHC: 1,741,679		the shares beneficially owned majority ownership of RTC.
(b) Percent of Class.		
RTC: 7.42 % RTHC: 7.42 %		
(c) Number of shares as	to which the person has	S:
RTC: 1,720,13	te or to direct the vot	te:
RTHC: 1,720,13	te or to direct the vot	te:

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

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

RTC: 1,741,679 RTHC: 1,741,679

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

RTC: 0 RTHC: 0

Page 5 of 8 pages

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

## Page 6 of 8 pages

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 11, 2021

Renaissance Technologies LLC

By: /s/ James S. Rowen Chief Operating Officer

#### By: /s/ James S. Rowen Vice President

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

## Page 7 of 8 Pages

\_\_\_\_\_

## 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 11, 2021

Renaissance Technologies LLC

By: /s/ James S. Rowen Chief Operating Officer

Renaissance Technologies Holdings Corporation

By: /s/ James S. Rowen Vice President

Page 8 of 8 Pages