UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of report (date of earliest event reported): July 31, 2008

DAWSON GEOPHYSICAL COMPANY

(Exact name of Registrant as specified in its charter)

TEXAS (State of incorporation or organization)

0-10144 (Commission file number)

75-0970548 (I.R.S. employer identification number)

508 W. WALL, SUITE 800 MIDLAND, TEXAS (Address of principal executive offices)

79701 (Zip code)

Registrant's telephone number, including area code: (432) 684-3000

(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 2.02. Results of Operations and Financial Condition.

On July 31, 2008, Dawson Geophysical Company (the "Company") issued a press release reporting its operating results for the quarter ended June 30, 2008, the third quarter of its 2008 fiscal year.

The Company hereby incorporates by reference into this Item 2.02 the information set forth in such press release, a copy of which is furnished as Exhibit 99.1 to this Current Report. Pursuant to the rules and regulations of the Securities and Exchange Commission, such exhibit and the information set forth therein and herein are deemed to be furnished and shall not be deemed to be "filed" under the Securities Exchange Act of 1934, as amended (the "Exchange Act").

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits

In accordance with General Instruction B.2 of Form 8-K, the information set forth in the attached Exhibit 99.1 is deemed to be "furnished" and shall not be deemed to be "filed" for purposes of the Exchange Act.

Exhibit Number	Description
99.1	Press release dated July 31, 2008.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

DAWSON GEOPHYSICAL COMPANY

Date: July 31, 2008 By: /s/ Christina W. Hagan

Christina W. Hagan Executive Vice President, Secretary and

Chief Financial Officer

INDEX TO EXHIBITS

Exhibit
Number
99.1
Description
Press release dated July 31, 2008.

NEWS RELEASE

Dawson Geophysical Company 508 W. Wall, Suite 800 Midland, TX 79701

Company contact:

L. Decker Dawson, Chairman Stephen C. Jumper, CEO and President Christina W. Hagan, Chief Financial Officer (800) 332-9766 www.dawson3d.com

DAWSON GEOPHYSICAL REPORTS RECORD THIRD QUARTER AND NINE MONTHS RESULTS

MIDLAND, Texas, July 31, 2008/PR Newswire/ — Dawson Geophysical Company (NASDAQ DWSN) today reported revenues of \$84,568,000 for the quarter ending June 30, 2008, the Company's third fiscal quarter of 2008, compared to \$68,637,000 for the same quarter in fiscal 2007, an increase of 23 percent. Revenue growth in the quarter was primarily the result of the addition of a new seismic data acquisition crew in September 2007, the replacement of an I/O MRX recording system with an ARAM ARIES recording system on an existing crew in April 2008, the redeployment of the I/O MRX recording system on a new crew in May 2008, increased channel count, and productivity on existing crews.

Net income for the third quarter of fiscal 2008 was \$9,707,000, compared to \$7,561,000 in the same quarter of fiscal 2007, an increase of 28 percent. Earnings per share for the third quarter of fiscal 2008 were \$1.27 per share, compared to \$0.99 per share in the same quarter of fiscal 2007. EBITDA for the third quarter of fiscal 2008 was \$22,397,000 compared to \$17,700,000 in the same quarter of fiscal 2007, an increase of 26.5 percent. Included in the third quarter results is a 35 percent increase in depreciation charges from the prior year period reflecting the Company's continued capital investment and growth.

The Company's third quarter results reflect continued brisk domestic exploration activities by the Company's clients, particularly those clients seeking natural gas reserves. Revenues in the third quarter of fiscal 2008 continued to include high third-party charges related to the use of helicopter support services, specialized survey technologies, and dynamite energy sources. The sustained level of these charges is driven by the Company's continued operations in areas with limited access in the Appalachian Basin, Arkansas, Val Verde Basin of Texas, and in Eastern Oklahoma. The Company is reimbursed for these expenses by its clients.

Stephen Jumper, President and CEO of Dawson Geophysical Company said, "Increased demand for higher subsurface resolution and lower finding and development costs by our clients fueled record third quarter and nine months results. This success further led to the fielding of an additional crew, our sixteenth, in May 2008 by redeploying an existing I/O MRX recording system. This crew has a smaller channel count and is initially committed to large scale 2D and smaller 3D seismic projects in the Appalachian Basin."

During the quarter, the Company took delivery of seven ION vibrator energy source units ordered in the second quarter. The Company now operates in excess of 115,000 channels and 143 vibrator energy source units.

Nine Months Results

For the nine months ended June 30, 2008, revenues were \$240,530,000, compared to \$182,226,000 for the same period in 2007, an increase of 32 percent. Net income for the first nine months of fiscal 2008 increased 40 percent to \$25,703,000, compared to \$18,364,000 for the first nine months of fiscal 2007. Earnings per share for the first nine months of fiscal 2008 were \$3.35 as compared to \$2.42 for the first nine months of fiscal 2007, an increase of 38 percent. EBITDA was \$59,595,000 in the first nine months of fiscal 2008 versus \$43,329,000 during the same period of fiscal 2007, an increase of 37.5 percent.

Demand for the Company's services continues at a high level. Although the Company's clients may cancel their service contracts on short notice, the Company's order book remains strong, reflecting commitments to operate at full capacity on all crews through the end of calendar 2008 and on a number of crews well into calendar 2009. Operations are currently active on projects in West Texas, South Texas, East Texas, the Barnett Shale of the Ft. Worth Basin, the Fayetteville Shale in Arkansas, the Rocky Mountains, New Mexico, Oklahoma, Louisiana, California, and the Appalachian Basin.

Mr. Jumper said, "Our strong performance and continued ability to deliver value for our clients is a reflection of the strength of our people, the depth of our geophysical resources, and our success in helping clients understand the geological complexities of their E&P assets. Our clients' desire for higher resolution subsurface images with improved efficiency and channel count growth will continue to drive our earnings and revenues as they did in the third fiscal quarter and nine month period."

NEWS RELEASE

Dawson Geophysical Company 508 W. Wall, Suite 800 Midland, TX 79701

About Dawson Geophysical Company

Dawson Geophysical Company is the leading provider of U.S. onshore seismic data acquisition services as measured by the number of active data acquisition crews. Founded in 1952, Dawson acquires and processes 2D, 3D, and multi-component seismic data solely for its clients, ranging from major oil and gas companies to independent oil and gas operators as well as providers of multi-client data libraries.

Forward Looking Statement

This press release contains information about the Company's EBITDA, a non-GAAP financial measure. The Company defines EBITDA as net income plus interest expense, income taxes, depreciation and amortization expense. The Company uses EBITDA as a supplemental financial measure to assess:

- the financial performance of its assets without regard to financing methods, capital structures, taxes or historical cost basis;
- its liquidity and operating performance over time in relation to other companies that own similar assets and that the Company believes calculate EBITDA in a similar manner; and
- the ability of the Company's assets to generate cash sufficient for the Company to pay potential interest costs.

The Company also understands that such data are used by investors to assess the Company's performance. However, the term EBITDA is not defined under generally accepted accounting principles and EBITDA is not a measure of operating income, operating performance or liquidity presented in accordance with generally accepted accounting principles. When assessing the Company's operating performance or liquidity, investors and others should not consider this data in isolation or as a substitute for net income, cash flow from operating activities or other cash flow data calculated in accordance with generally accepted accounting principles. In addition, the Company's EBITDA may not be comparable to EBITDA or similarly titled measures utilized by other companies since such other companies may not calculate EBITDA in the same manner as the Company. Further, the results presented by EBITDA cannot be achieved without incurring the costs that the measure excludes: interest, taxes, depreciation and amortization. A reconciliation of the Company's EBITDA to its net income is presented in the table following the text of this press release.

NEWS RELEASE

Dawson Geophysical Company 508 W. Wall, Suite 800 Midland, TX 79701

In accordance with the Safe Harbor provisions of the Private Securities Litigation Reform Act of 1995, Dawson Geophysical Company cautions that statements in this press release which are forward-looking and which provide other than historical information involve risks and uncertainties that may materially affect the Company's actual results of operations. These risks include, but are not limited to, dependence upon energy industry spending, the volatility of oil and gas prices, high fixed cost of operations, weather interruptions, the ability to obtain land access rights of way, industry competition, the ability to manage growth, and the availability of capital resources. A discussion of these and other factors, including risks and uncertainties, is set forth in the Company's Form 10-K for the fiscal year ended September 30, 2007. Dawson Geophysical Company disclaims any intention or obligation to revise any forward-looking statements, whether as a result of new information, future events, or otherwise.

DAWSON GEOPHYSICAL COMPANY STATEMENTS OF OPERATIONS

	Three Months Ended June 30,		Nine Months Ended June 30,	
	2008	2007	2008	2007
	(Unaudited)	(Unaudited)	(Unaudited)	(Unaudited)
Operating revenues	\$84,568,000	\$68,637,000	\$240,530,000	\$182,226,000
Operating costs:	CO 4E7 000	40.025.000	170 111 000	105 157 000
Operating expenses General and administrative	60,457,000 1,649,000	49,825,000 1,532,000	176,111,000	135,157,000
Depreciation	6,317,000	4,685,000	5,192,000 17,722,000	4,585,000 12,853,000
Depreciation	68,423,000	56,042,000	199,025,000	152,595,000
Income from operations	16,145,000	12,595,000	41,505,000	29,631,000
Other income (expense):	10,110,000	12,000,000	11,505,000	23,031,000
Interest income	76,000	190,000	410,000	616,000
Interest expense	(116,000)	´ —	(316,000)	´ —
Other	(141,000)	230,000	(42,000)	229,000
Income before income tax	15,964,000	13,015,000	41,557,000	30,476,000
Income tax expense:				
Current	(4,981,000)	(4,502,000)	(13,631,000)	(9,567,000
Deferred	(1,276,000)	(952,000)	(2,223,000)	(2,545,000
	(6,257,000)	(5,454,000)	(15,854,000)	(12,112,000
Net income	\$ 9,707,000	\$ 7,561,000	\$ 25,703,000	\$ 18,364,000
Net income per common share	\$ 1.27	\$ 0.99	\$ 3.35	\$ 2.42
Net income per common share-assuming dilution	\$ 1.26	\$ 0.98	\$ 3.33	\$ 2.40
Weighted average equivalent common shares outstanding	7,668,651	7,622,755	7,665,253	7,589,022
Weighted average equivalent common shares outstanding- assuming dilution	7,733,076	7,695,371	7,727,205	7,660,053
DAWSON (GEOPHYSICAL COMPA	ANY		
Ba	ALANCE SHEETS			
			June 30, 2008	September 30, 2007
			(Unaudited)	2007
ASSETS				
Current assets:			Ф 12 02 4 000	Ф. 4.4.0 7 .5.000
Cash and cash equivalents	C 000 J ¢17C 000 : 20	00 1 2007	\$ 12,834,000	\$ 14,875,000
Accounts receivable, net of allowance for doubtful accounts of \$216	5,000 and \$176,000 in 20	08 and 2007	74,784,000	56,707,000
respectively Prepaid expenses and other assets			1,103,000	815,000
Current deferred tax asset			697,000	693,000
Current deferred that asset			037,000	
Total current assets			89,418,000	73,090,000
Property, plant and equipment			245,597,000	207,427,000
Less accumulated depreciation			(96,806,000)	(84,655,000
Net property, plant and equipment			148,791,000	122,772,000
			\$238,209,000	\$195,862,000
LIABILITIES AND STOCKHOLDER	S' EQUITY			
Current liabilities:	.			
Accounts payable			\$ 14,807,000	\$ 12,816,000
Accrued liabilities:				
Payroll costs and other taxes			1,612,000	2,325,000
Other			13,804,000	14,263,000
Deferred revenue			645,000	2,922,000
Line of credit			20,000,000	5,000,000
Total current liabilities			50,868,000	37,326,000
Deferred tax liability			11,609,000	9,381,000
Stockholders' equity:				
Preferred stock-par value \$1.00 per share; 5,000,000 shares authorize		CEO 40.4 3	_	_
Common stock-par value \$.33 1/3 per share; 50,000,000 shares auth	norized, /,765,994 and 7,	658,494 shares	2 500 000	2 552 000
issued and outstanding in each period			2,588,000	2,553,000
Additional paid-in capital Retained earnings			86,137,000 87,007,000	85,090,000 61,512,000
Total stockholders' equity			175,732,000	149,155,000
Total Stockholuers equity			# 220 200 000	449,155,000

\$238,209,000

\$195,862,000

Reconciliation of EBITDA to Net Income

	Three Months Ended June 30,		Nine Months Ended June 30,	
	2008	2007	2008	2007
Net Income	\$ 9,707,000	\$ 7,561,000	\$25,703,000	\$18,364,000
Depreciation	6,317,000	4,685,000	17,722,000	12,853,000
Interest expense	116,000	_	316,000	_
Income tax expense	6,257,000	5,454,000	15,854,000	12,112,000
EBITDA	\$22,397,000	\$17,700,000	\$59,595,000	\$43,329,000

Reconciliation of EBITDA to Net Cash Provided by Operating Activities

	Nine Monti	Nine Months Ended	
	June	June 30,	
	2008	2007	
Net cash provided by operating activities	\$30,605,000	\$30,502,000	
Changes in working capital items and other	29,818,000	12,718,000	
Non-cash adjustments to income	(828,000)	109,000	
EBITDA	\$59,595,000	\$43,329,000	