# creditrisk monitor<sup>®</sup>

# HIGH RISK REPORT LSB INDUSTRIES, INC.

11/10/2020

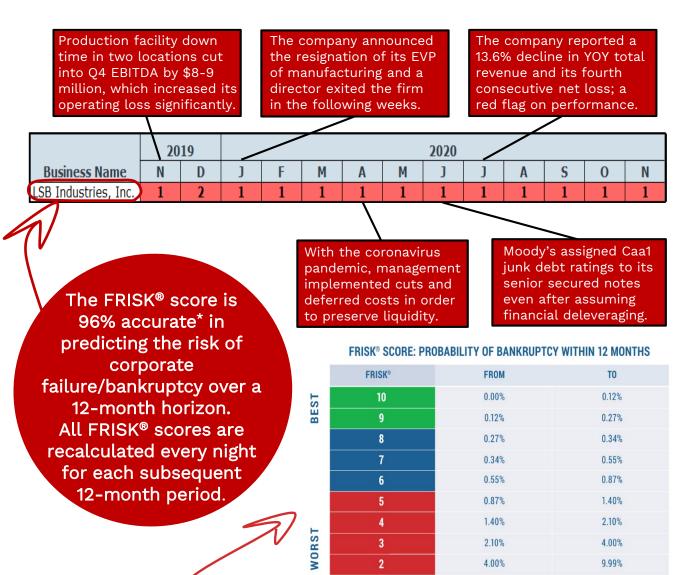


CreditRiskMonitor's assessment of LSB Industries, Inc. ("LSB Industries") "high risk" status has been determined by a combination of factors:

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#### MONTHLY AVERAGE FRISK® SCORE

CreditRiskMonitor's proprietary FRISK® score signals that LSB Industries (NYSE: LXU) has a 10 to 50 times greater risk of bankruptcy than the average public company.



While the risk of bankruptcy varies at each FRISK® score, 96% of public companies that eventually go bankrupt enter the FRISK® "red zone" prior to filing. A FRISK® score of 5 or less is an important warning sign.

50.00%

9.99%

<sup>\*</sup> FRISK® score accuracy of 96% is based on backtesting of U.S. public companies; results may vary by country.

#### THE FRISK® SCORE COMPONENTS

At the core of the CreditRiskMonitor® process is our 96% accurate FRISK® score, which indicates a company's level of financial stress on a scale of 1 to 10, based on the probability of bankruptcy over a 12-month horizon. When available, the FRISK® score incorporates a number of powerful risk indicators including:

A "Merton" type model using stock market capitalization and volatility Financial ratios, including those used in the Altman Z"-Score Model

Bond agency ratings from Moody's, Fitch, & DBRS Morningstar

### Crowdsourced CreditRiskMonitor® Usage Data

<u>Crowdsourcing</u> has enhanced the accuracy and timeliness of the FRISK® score. We collect and analyze data patterns from thousands of CreditRiskMonitor® subscribers, including professionals from more than 35% of the Fortune 1000 and other large corporations worldwide.

The crowdsourcing advantage is even more powerful in our FRISK® score since many of the professionals who use our service are credit managers:

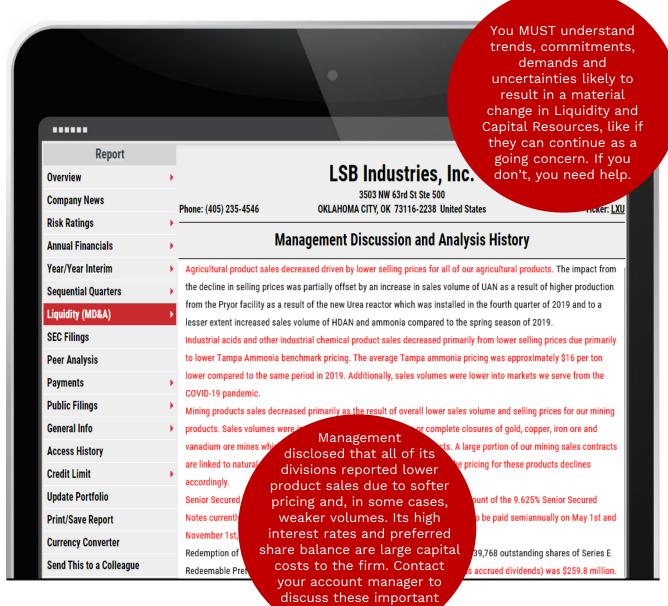
- Credit managers control one of the largest sources of working capital going into a company
- They are not held to the same "Fair Disclosure" restrictions that prevent non-disclosed information sharing on public companies
- Credit managers use a variety of non-public information sources such as their own company's management and sales representatives to be alerted to concerns in a public company's performance
- It is commonly known credit managers confidentially share information with other credit managers, thus collectively, their behavior helps to provide advanced insight to financial problems in public companies

Read more in Credit Research Foundation's quarterly journal article, "Assessing Public Company Financial Risk by Crowdsourcing the Research of Credit Professionals"

#### DO NOT MISS THIS - MANAGEMENT DISCUSSION AND ANALYSIS (MD&A)

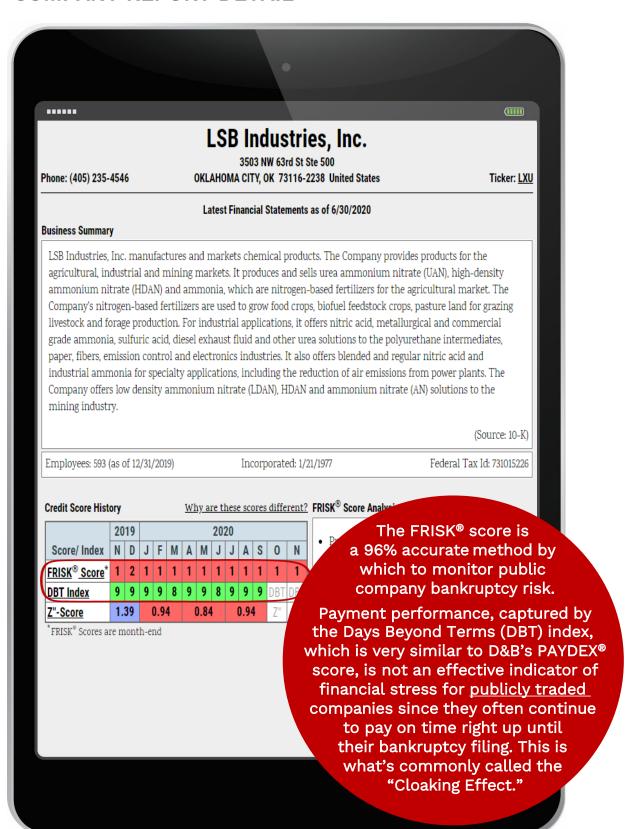
Making misleading or fraudulent statements in an MD&A is <u>against the law</u> – and Sarbanes-Oxley subjects CEOs and CFOs to heavy fines or even <u>jail time</u> for doing so. A vital feature of the CreditRiskMonitor service is the ability to quickly access a Company's Management Discussion and Analysis (MD&A) history. Let it sink in: there are no two people in the world with better knowledge of a company's liquidity risk than the CEO and CFO. More than any credit manager. More than any trade group. And they're personally liable if they're lying.

According to the Financial Accounting Standards Board (FASB), "MD&A should provide a balanced presentation that includes both positive and negative information about the topics discussed."

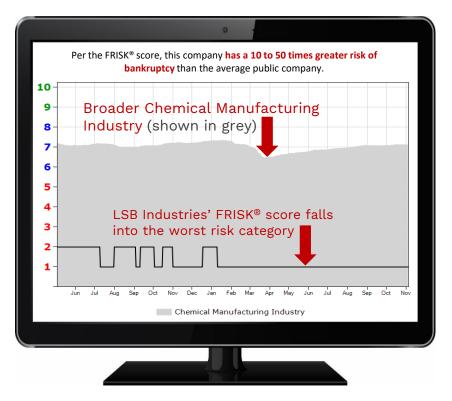


red flags.

#### COMPANY REPORT DETAIL



#### FRISK® DEEP DIVE



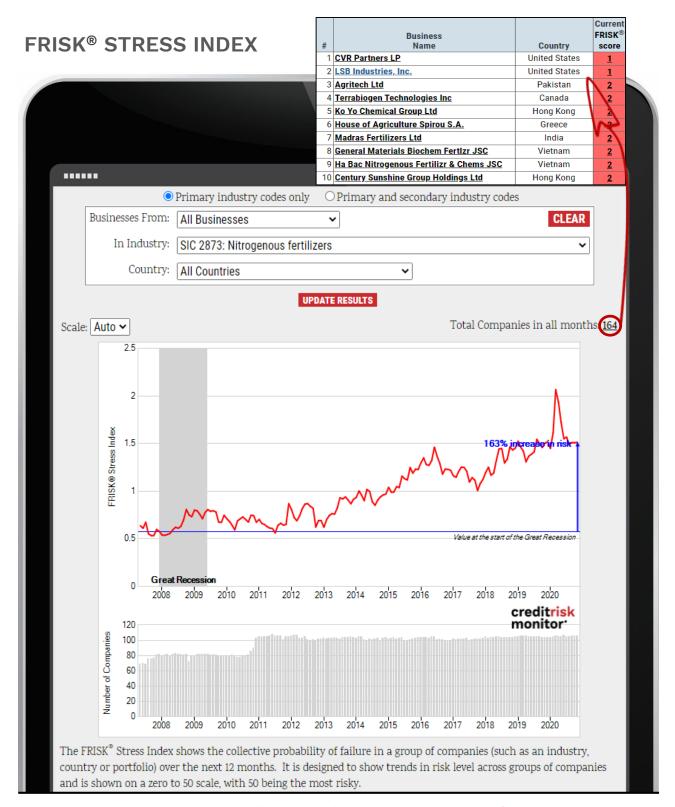
The FRISK® score relative to the broader Chemical Manufacturing industry raises an additional red flag signaling heightened risk relative to peers, as well...

MAKING IMMEDIATE ATTENTION REQUIRED.

#### ADJUSTED MARKET CAP VOLATILITY

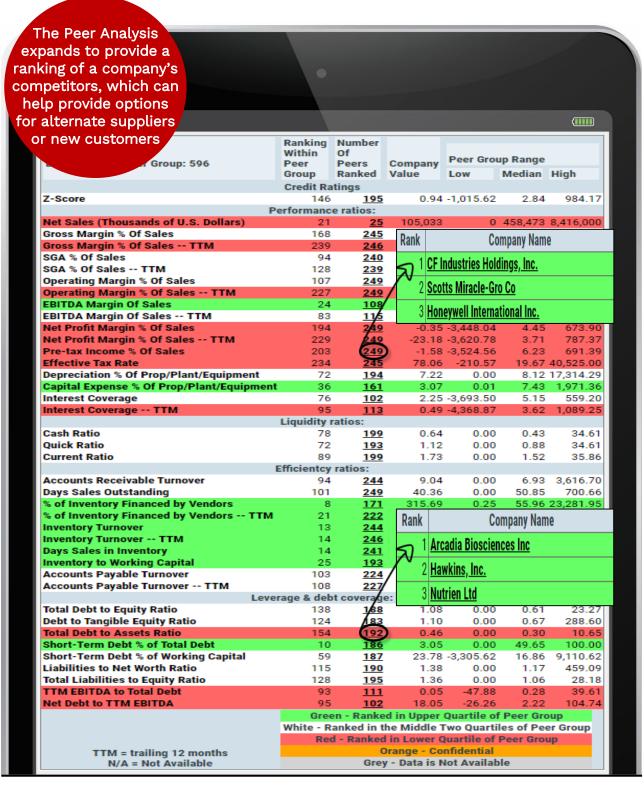


One of the inputs of the FRISK® score is a company's market cap volatility, adjusted for dividends, over the course of a year. Incorporating this information allows us to capture the "wisdom of markets" on a daily basis. This ensures our subscribers are getting the most up to date view of the risks they face since stocks tend to be more liquid and faster moving than bond prices and ratings.



The average probability of failure for SIC code 2873 (Nitrogenous fertilizers) has increased 163% since 2007. LSB Industries is among the weakest names in the industry as evidenced by its FRISK® score of 1.

#### PEER ANALYSIS ON ALTERNATE SUPPLIERS AND CUSTOMERS



LSB Industries demonstrates bottom quartile ranking in key financial ratios (shown in red) versus its industry peers.

### **QUARTERLY PERFORMANCE RATIOS**

Continual losses on a pre-tax and net basis over the last five quarters

Poor interest coverage ratio & cumulatively negative free cash flow

#### Performance Ratios - Sequential Quarters

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	2 mag	2 mas	3 mos	3 mos	3 mos
Period Ended	3 mos 9/30/2020	3 mos 6/30/2020	3 mos 3/31/2020	3 mos 12/31/2019	3 mos 9/30/2019
Net Sales \$	\$73,969	\$105,033	\$83,411	\$73,896	\$75,495
% change	-29.58%	25.92%	12.88%	-2.12%	-37.88%
Gross Margin \$	(\$1,059)	\$19,021	\$2,551	(\$12,277)	(\$9,733)
% change	-105.57%	645.63%	120.78%	-26.14%	-149.46%
% of sales	-1.43%	18.11%	3.06%	-16.61%	-12.89%
change as % of incremental sales	n/m	76.17%	155.84%	n/m	n/m
SG&A\$	\$7,068	\$8,504	\$10,006	\$9,467	\$9,115
% change	-16.89%	-15.01%	5.69%	3.86%	8.95%
% of sales	9.56%	8.10%	12.00%	12.81%	12.07%
change as % of incremental sales	n/m	-6.95%	5.66%	n/m	n/m
Operating margin \$	(\$9,002)	\$10,684	(\$6,987)	(\$31,276)	(\$19,231)
% change	-184.26%	252.91%	77.66%	-62.63%	-269.51%
% of sales	-12.17%	10.17%	-8.38%	-42.32%	-25.47%
change as % of incremental sales	n/m	81.73%	255.27%	n/m	n/m
EBITDA \$	\$8,482	\$28,108	\$11,595	(\$13,679)	(\$1,294)
% change	-69.82%	142.41%	184.77%	-957.11%	-104.37%
% of sales	11.47%	26.76%	13.90%	-18.51%	-1.71%
change as % of incremental sales	n/m	76.37%	265.62%	n/m	n/m
EBIT \$	(\$9,218)	\$10,812	(\$6,312)	(\$30,742)	(\$19,270)
% change	-185.26%	271.29%	79.47%	-59.53%	-257.78%
% of sales	-12.46%	10.29%	-7.57%	-41.60%	-25.52%
change as % of incremental sales	n/m	79.20%	256.75%	n/m	n/m
Pre-tax income \$	(\$21,772)	(\$1,664)	(\$19,791)	(\$42,822)	(\$31,277)
% change	-1,208.41%	91.59%	53.78%	-36.91%	-3,582.96%
% change % of sales	-1,208.41% -29.43%	91.59% -1.58%	53.78% -23.73%	-36.91% -57.95%	-3,582.96% -41.43%
% change % of sales change as % of incremental sales	-1,208.41% -29.43% n/m	91.59% -1.58% 83.84%	53.78% -23.73% 242.05%	-36.91% -57.95% n/m	-3,582.96% -41.43% n/m
% change % of sales change as % of incremental sales Net income (loss) \$	-1,208.41% -29.43% n/m ( <b>\$20,402</b> )	91.59% -1.58% 83.84% <b>(\$365)</b>	53.78% -23.73% 242.05% (\$19,452)	-36.91% -57.95% n/m ( <b>\$27,714</b> )	-3,582.96% -41.43% n/m ( <b>\$30,794</b> )
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% change % of sales change as % of incremental sales  Net income (loss) \$ % change % of sales change as % of incremental sales  Tax expense \$ Effective tax rate  Depreciation expense \$ % of sales % of capital expenses % of PP&E, net (annualized)  Capital expenditures \$ % change % of PP&E, net (annualized)	-1,208.41% -29.43% n/m (\$20,402) -5,489.59% -27.58% n/m (\$1,370) 6.29% \$17,385 23.50% 406.48% 7.48% \$4,277 -40.73% 1.84%	91.59% -1.58% 83.84% (\$365) 98.12% -0.35% 88.28% (\$1,299) 78.06% \$16,980 16.17% 235.31% 7.22% \$7,216 -32.79% 3.07%	53.78% -23.73% 242.05% (\$19,452) 29.81% -23.32% 86.83% (\$339) 1.71% \$17,592 21.09% 163.84% 7.41% \$10,737 -31.29% 4.52%	-36.91% -57.95% n/m (\$27,714) 10.00% -37.50% n/m (\$15,108) 35.28% \$16,750 22.67% 107.19% 6.99% \$15,626 105.90% 6.52%	-3,582.96% -41.43% n/m (\$30,794) -564.39% -40.79% n/m (\$483) 1.54% \$17,665 23.40% 232.77% 7.32% \$7,589 31.96% 3.14%
% change % of sales change as % of incremental sales  Net income (loss) \$ % change % of sales change as % of incremental sales  Tax expense \$ Effective tax rate  Depreciation expense \$ % of sales % of capital expenses % of PP&E, net (annualized) Capital expenditures \$ % change % of PP&E, net (annualized) % of working capital (annualized) Interest coverage ratio	-1,208.41% -29.43% n/m (\$20,402) -5,489.59% -27.58% n/m (\$1,370) 6.29% \$17,385 23.50% 406.48% 7.48% \$4,277 -40.73% 1.84% 32.79% 0.68	91.59% -1.58% 83.84% (\$365) 98.12% -0.35% 88.28% (\$1,299) 78.06% \$16,980 16.17% 235.31% 7.22% \$7,216 -32.79% 3.07% 52.21% 2.25	53.78% -23.73% 242.05% (\$19,452) 29.81% -23.32% 86.83% (\$339) 1.71% \$17,592 21.09% 163.84% 7.41% \$10,737 -31.29% 4.52% 116.55% 0.86	-36.91% -57.95% n/m (\$27,714) 10.00% -37.50% n/m (\$15,108) 35.28% \$16,750 22.67% 107.19% 6.99% \$15,626 105.90% 6.52% 153.09% (1.13)	-3,582.96% -41.43% n/m (\$30,794) -564.39% -40.79% n/m (\$483) 1.54% \$17,665 23.40% 232.77% 7.32% \$7,589 31.96% 3.14% 44.13% (0.11)
% change % of sales change as % of incremental sales  Net income (loss) \$ % change % of sales change as % of incremental sales  Tax expense \$ Effective tax rate  Depreciation expense \$ % of sales % of capital expenses % of PP&E, net (annualized)  Capital expenditures \$ % change % of PP&E, net (annualized) % of working capital (annualized)  Interest coverage ratio % change  Free cash flow \$	-1,208.41% -29.43% n/m (\$20,402) -5,489.59% -27.58% n/m (\$1,370) 6.29% \$17,385 23.50% 406.48% 7.48% \$4,277 -40.73% 1.84% 32.79% 0.68	91.59% -1.58% 83.84% (\$365) 98.12% -0.35% 88.28% (\$1,299) 78.06% \$16,980 16.17% 235.31% 7.22% \$7,216 -32.79% 3.07% 52.21%	53.78% -23.73% 242.05% (\$19,452) 29.81% -23.32% 86.83% (\$339) 1.71% \$17,592 21.09% 163.84% 7.41% \$10,737 -31.29% 4.52% 116.55% 0.86	-36.91% -57.95% n/m (\$27,714) 10.00% -37.50% n/m (\$15,108) 35.28% \$16,750 22.67% 107.19% 6.99% \$15,626 105.90% 6.52% 153.09% (1.13)	-3,582.96% -41.43% n/m (\$30,794) -564.39% -40.79% n/m (\$483) 1.54% \$17,665 23.40% 232.77% 7.32% \$7,589 31.96% 3.14% 44.13% (0.11)
% change % of sales change as % of incremental sales  Net income (loss) \$ % change % of sales change as % of incremental sales  Tax expense \$ Effective tax rate  Depreciation expense \$ % of sales % of capital expenses % of PP&E, net (annualized)  Capital expenditures \$ % change % of PP&E, net (annualized) % of working capital (annualized)  Interest coverage ratio % change	-1,208.41% -29.43% n/m (\$20,402) -5,489.59% -27.58% n/m (\$1,370) 6.29% \$17,385 23.50% 406.48% 7.48% \$4,277 -40.73% 1.84% 32.79% 0.68 -70.01%	91.59% -1.58% 83.84% (\$365) 98.12% -0.35% 88.28% (\$1,299) 78.06% \$16,980 16.17% 235.31% 7.22% \$7,216 -32.79% 3.07% 52.21% 2.25 161.92% \$14,338	53.78% -23.73% 242.05% (\$19,452) 29.81% -23.32% 86.83% (\$339) 1.71% \$17,592 21.09% 163.84% 7.41% \$10,737 -31.29% 4.52% 116.55% 0.86 175.96% (\$12,915)	-36.91% -57.95% n/m (\$27,714) 10.00% -37.50% n/m (\$15,108) 35.28% \$16,750 22.67% 107.19% 6.99% \$15,626 105.90% 6.52% 153.09% (1.13) -950.46% (\$54,499)	-3,582.96% -41.43% n/m (\$30,794) -564.39% -40.79% n/m (\$483) 1.54% \$17,665 23.40% 232.77% 7.32% \$7,589 31.96% 3.14% 44.13% (0.11) -104.12%
% change % of sales change as % of incremental sales  Net income (loss) \$ % change % of sales change as % of incremental sales  Tax expense \$ Effective tax rate  Depreciation expense \$ % of sales % of capital expenses % of PP&E, net (annualized)  Capital expenditures \$ % change % of PP&E, net (annualized) % of working capital (annualized)  Interest coverage ratio % change  Free cash flow \$ % change	-1,208.41% -29.43% n/m (\$20,402) -5,489.59% -27.58% n/m (\$1,370) 6.29% \$17,385 23.50% 406.48% 7.48% \$4,277 -40.73% 1.84% 32.79% 0.68 -70.01% \$1,062	91.59% -1.58% 83.84% (\$365) 98.12% -0.35% 88.28% (\$1,299) 78.06% \$16,980 16.17% 235.31% 7.22% \$7,216 -32.79% 3.07% 52.21% 2.25 161.92% \$14,338 211.02%	53.78% -23.73% 242.05% (\$19,452) 29.81% -23.32% 86.83% (\$339) 1.71% \$17,592 21.09% 163.84% 7.41% \$10,737 -31.29% 4.52% 116.55% 0.86 175.96% (\$12,915)	-36.91% -57.95% n/m (\$27,714) 10.00% -37.50% n/m (\$15,108) 35.28% \$16,750 22.67% 107.19% 6.99% \$15,626 105.90% 6.52% 153.09% (1.13) -950.46% (\$54,499)	-3,582.96% -41.43% n/m (\$30,794) -564.39% -40.79% n/m (\$483) 1.54% \$17,665 23.40% 232.77% 7.32% \$7,589 31.96% 3.14% 44.13% (0.11) -104.12% \$13,122 76.16%

#### **QUARTERLY LEVERAGE RATIOS**

Total debt slightly increased as the company drew down on its working capital credit revolver

Debt to assets increases, which ranks in the bottom quartile of nitrogenous fertilizer peers

# Leverage Ratios - Sequential Quarters (Thousands of U.S. Dollars)

nod Ended	9/30/2020	6/30/2020	3/31/2020	12/31/2019	9/30/2019
Total debt \$	\$486,705	\$502,878	\$497,395	\$468,973	\$457,360
% change	-3.22%	1.10%	6.06%	2.54%	-0.59%
Stockholders' equity \$	\$443,563	\$463,518	\$463,199	\$482,220	\$509,767
% change	-4.31%	0.07%	-3.94%	-5.40%	-5.61%
Total debt to equity ratio	1.10	1.08	1.07	0.97	0.90
% change	1.14%	1.03%	10.42%	8.39%	5.32%
Tangible net worth \$	\$436,636	\$455,964	\$457,825	\$476,408	\$503,410
% change	-4.24%	-0.41%	-3.90%	-5.36%	-5.60%
Total debt to tangible net worth	1.11	1.10	1.09	0.98	0.91
% change	1.07%	1.52%	10.36%	8.35%	5.31%
Total assets \$	\$1,069,925	\$1,094,665	\$1,110,151	\$1,088,489	\$1,129,781
% change	-2.26%	-1.39%	1.99%	-3.65%	-1.01%
Total debt to assets ratio	0.45	0.46	0.45	0.43	0.40
% change	-0.98%	2.54%	3.99%	6.42%	0.42%
Tangible assets \$	\$1,062,998	\$1,087,111	\$1,104,777	\$1,082,677	\$1,123,424
% change	-2.22%	-1.60%	2.04%	-3.63%	-0.98%
Short-term debt \$	\$15,954	\$15,326	\$16,558	\$19,339	\$9,697
% change	4.10%	-7.44%	-14.38%	99.43%	-18.47%
Short-term debt % of total debt	3.28%	3.05%	3.33%	4.12%	2.12%
% change	7.56%	-8.45%	-19.27%	94.50%	-17.99%
Short-term debt % of working capital	39.96%	23.78%	35.90%	70.14%	17.93%
% change	68.00%	-33.75%	-48.82%	291.20%	25.85%
Total liabilities \$	\$626,362	\$631,147	\$646,952	\$606,269	\$620,014
% change	-0.76%	-2.44%	6.71%	-2.22%	3.13%
Total liabilities to equity ratio	1.41	1.36	1.40	1.26	1.22
% change	3.71%	-2.51%	11.10%	3.36%	9.26%
Total liabilities to tangible net worth ratio	1.43	1.38	1.41	1.27	1.23
% change	3.63%	-2.05%	11.04%	3.33%	9.25%
Total debt to EBITDA ratio (annualized)	14.35			n/a	n/a
% change	220.73%	Tota	al debt to	n/a	n/a
Source:	10-Q	/	1 EBITDA	7-К	10-Q
	11/6/2020		sed to 14	2020	10/30/2019

indicating poor performance leverage

## QUARTERLY LIQUIDITY RATIOS AND RATES OF RETURN

Adequate liquidity but only due to debt issuance earlier in the year	Liquidity Rati	ios - Sequel pusands of U.S. Do		qu still th	Cash and uick ratios I rank below ne industry median
Period Ended	9/30/2020	6/30/2020	3/31/2020	12/31/2019	9/30/2019
Current assets \$	\$138,029	\$152,775	\$157,235	\$130,873	\$157,180
% change	-9.65%	-2.84%	20.14%	-16.74%	-7.00%
% of short-term debt	865.17%	996.84%	949.60%	676.73%	1,620.91%
Current liabilities \$	\$98,103	\$88,339	\$111,112	\$103,300	\$103,094
% change	11.05%	-20.50%	7.56%	0.20%	20.54%
Working capital \$	\$39,926	\$64,436	\$46,123	\$27,573	\$54,086
% change	-38.04%	39.70%	67.28%	-49.02%	-35.22%
% of sales (annualized)	13.49%	15.34%	13.82%	9.33%	17.91%
Cash \$	\$42,094	\$56,513	\$37,483	\$22,791	\$66,783
% change	-25.51%	50.77%	64.46%	-65.87%	15.20%
% of short-t <u>erm</u> debt	263.85%	368.74%	226.37%	117.85%	688.70%
Cash ratio	0.43	0.64	0.34	0.22	0.65
% change	-32.92%	89.65%	52.90%	-65.95%	-4.43%
Quick assets \$	\$81,647	\$98,685	\$88,215	\$62,733	\$99,784
% change	-17.27%	11.87%	40.62%	-37.13%	-9.44%
% of short-t <u>er</u> m debt	511.77%	643.91%	532.76%	324.39%	1,029.02%
Quick ratio	0.83	1.12	0.79	0.61	0.97
% change	-25.49%	40.71%	30.73%	-37.26%	-24.87%
Current ratio	1.41	1.73	1.42	1.27	1.52
% change	-18.64%	22.21%	11.70%	-16.90%	-22.85%
Source:	10-Q 11/6/2020	10-Q 7/31/2020	10-Q 5/7/2020	10-K 2/25/2020	10-Q 10/30/2019

Returns on equity and							
total assets are negative  Rate of Return - Sequential Quarters  (Thousands of U.S. Dollars)							
Period Ended	3 mos 9/30/2020	3 mos 6/30/2020	3 mos 3/31/2020	3 mos 12/31/2019	3 mos 9/30/2019		
Return on equity	-4.40%	-0.08%	-4.03%	-5.44%	-5.70%		
% change	-5,485.79%	98.05%	25.80%	4.65%	-558.09%		
Return on net tangible equity	-4.47%	-0.08%	-4.08%	-5.51%	-5.77%		
% change	-5,514.18%	98.05%	25.83%	4.66%	-557.72%		
Return on total assets	-1.89%	-0.03%	-1.77%	-2.50%	-2.71%		
% change	-5,595.17%	98.13%	29.18%	7.86%	-563.73%		
Return on tangible assets	-1.90%	-0.03%	-1.78%	-2.51%	-2.73%		
% change	-5,599.10%	98.13%	29.21%	7.89%	-563.56%		
Source:	10-Q 11/6/2020	10-Q 7/31/2020	10-Q 5/7/2020	10-K 2/25/2020	10-Q 10/30/2019		

#### YEAR OVER YEAR STATEMENT OF CASH FLOWS

Net losses Net debt steepen and issuance operating continues cash flow into 2020 falls ent of Cash Flows - Year-over-Year - Standardized - Year (Thousands of U.S. Dollars) 9 mos 9 mos 9 mos 9 mos 9 mos Period Ended 9/30/2020 9/30/2019 9/30/2016 9/30/2018 9/30/2017 Cash Flows from Operating Activities: (\$40,219)(\$35,703) (\$59,181) Net income (\$30,131) \$133,701 Depreciation/depletion 51.957 51.575 53,514 50,341 41,480 Amortization 946 936 1,787 n/a n/a Deferred taxes (3.054)(5,797)1.015 (10.702)(31.128)Non-cash Items 5,256 4,750 11,102 7.645 (189,478)Changes in working capital 9,829 25,211 30,543 44.162 Total cash from operating activities 40,972 24,715 38,780 17,158 (1,263)Cash Flows from Investing Activities: Capital expenditures (22,230)(27,187)(25,172)(202,187)(20,455)Other investing cash flow items, total 22,976 2.011 97 11,027 244,896 Total cash from investing activities (20,219)(20,358)(16,160)(2,196)42,709 Cash Flows from Financing Activities: Financing cash flow items (188)(1.760)(11,075)(290)(7,791)Total cash dividends paid n/a 0 (2,677)0 (8,813)Issuance/retirement of stock, net (71,595)n/a n/a (66)n/a Issuance/retirement of debt, net 14,995 21,881 259 (21,558)(4,432)Total cash from financing activities 14,807 20,121 (13,493)(21,914)(92,631) Net change in cash 19,303 40,735 9,127 (6,952)(51,185)Net cash-beginning balance 22,791 26,048 33,619 60,017 127,195 Net cash-ending balance \$42,094 \$66,783 \$42,746 \$53,065 \$76,010 Supplemental Disclosures: Cash taxes paid, supplemental \$319 (\$66)\$3,588 (\$1,141)\$1,009 10-0 Source: 10-0 10-0 10-0 Net 10/24/2018 11/3/2016 10/30/2017

> cash-ending balance declines to a new low

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