

SANCHEZ ENERGY CORPORATION BANKRUPTCY CASE STUDY

FILED ON 08/11/2019



CreditRiskMonitor's warning of Sanchez Energy Corporation's ("Sanchez Energy") bankruptcy risk was determined by a combination of factors:

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MONTHLY AVERAGE FRISK® SCORE

CreditRiskMonitor's FRISK® score had been warning of financial stress at Sanchez Energy Corporation (OTC: SNECQ) for more than a year.

We issued a special High Risk Report, dated March 19, 2019, as conditions continued to deteriorate and become more troubling.

The company ultimately filed for bankruptcy on August 11, 2019.

		2018						20	19				
Business Name	Α	S	0	N	D	J	F	M	Α	M	J	J	A
Sanchez Energy Corporation	2	1	1	1	1	1	1	1	1	1	1	1	1

BANKRUPT!

The FRISK® score is 96% accurate* in predicting the risk of corporate failure/bankruptcy over a 12-month horizon.

All FRISK® scores are recalculated every night for each subsequent 12-month period.

	EDICK® H	Probability of bankru	ptcy within 12 months
	FKISK	From	То
Best	10	0.00%	0.12%
	9	0.12%	0.27%
	8	0.27%	0.34%
	7	0.34%	0.55%
	6	0.55%	0.87%
	5	0.87%	1.40%
	4	1.40%	2.10%
	3	2.10%	4.00%
	2	4.00%	9.99%
Worst	1	9.99%	50.00%

While the percentage 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.

^{*} 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

Crowdsourced CreditRiskMonitor Usage Data

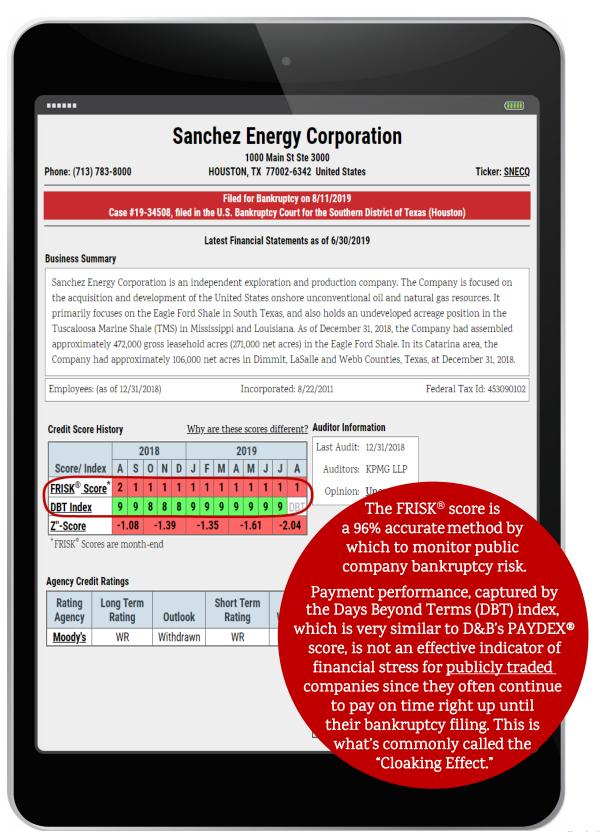
<u>Crowdsourcing</u> has enhanced the accuracy and timeliness of the FRISK® score. We collect and analyze data patterns from thousands of CreditRiskMonitor subscribers, including professionals from more than 35% of the Fortune 1000 and other large corporations worldwide.

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

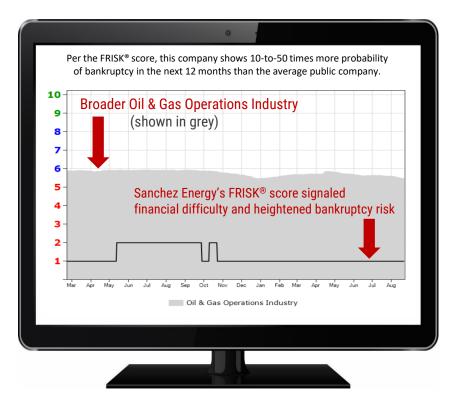
- Credit managers control one of the largest sources of working capital going into a company
- They are not held to the same "Fair Disclosure" restrictions that prevent nondisclosed information sharing on public companies
- Credit managers use a variety of non-public information sources such as their 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"

COMPANY REPORT DETAIL



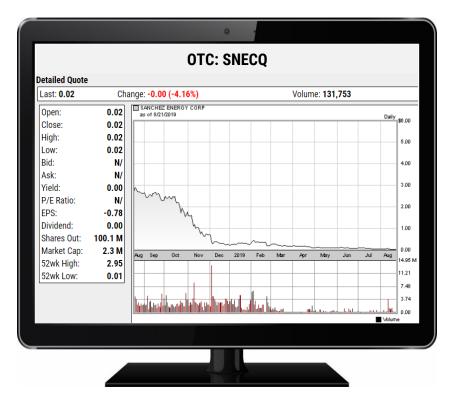
FRISK® DEEP DIVE



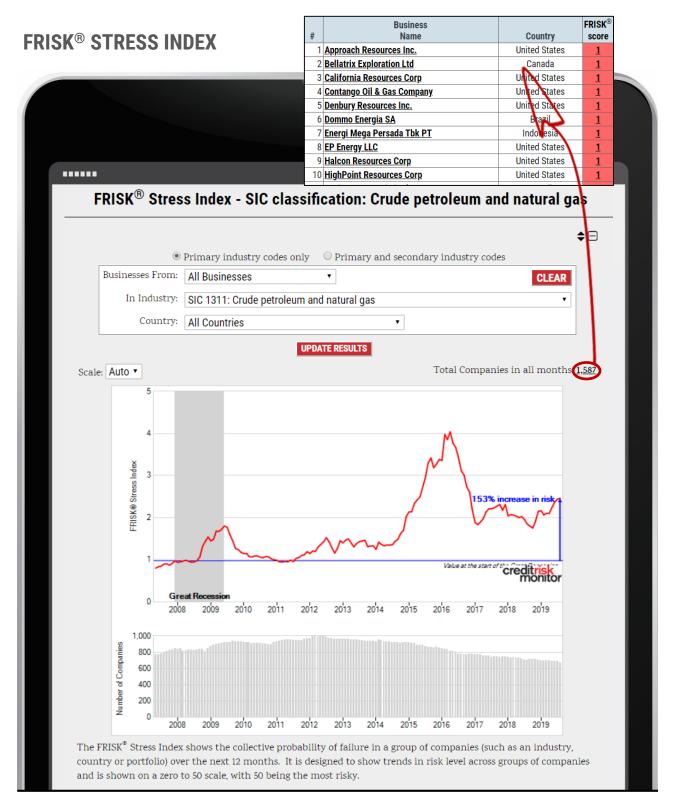
The FRISK® score relative to the broader Oil & Gas Operations industry raised an additional red flag signaling heightened risk relative to peers, as well...

MAKING IMMEDIATE ATTENTION REQUIRED.

ADJUSTED MARKET CAP VOLATILITY

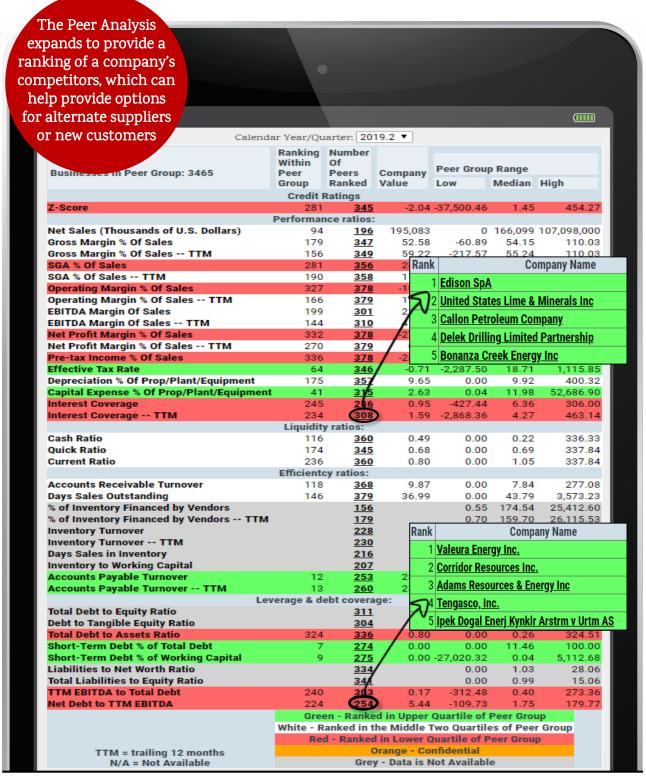


One of the inputs of the FRISK® score is a company's market cap volatility, adjusted for dividends, over the course of a year. Incorporating this information allows us to capture the "wisdom of markets" on a daily basis. This ensures our subscribers are getting the most up to date view of the risks they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



The average probability of failure for SIC code 1311 (Crude petroleum and natural gas) has increased 153% since 2007. Sanchez Energy was among the weakest names in the industry as evidenced by its FRISK® score of 1.

PEER ANALYSIS ON ALTERNATE SUPPLIERS AND CUSTOMERS



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

QUARTERLY PERFORMANCE RATIOS

Declining operating margin turns negative Cumulative negative net income & free cash flow

Performance Ratios - Sequential Quarters

	(Thousands	of U.S. Dollars)			
	3 mos	3 mos	3 mos	3 mos	3 mos
Period Ended	6/30/2019	3/31/2019	12/31/2018	9/30/2018	6/30/2018
Net Sales \$	\$195,083	\$216,722	\$268,663	\$277,710	\$259,314
% change	-9.98%	-19.33%	-3.26%	7.09%	3.22%
Gross Margin \$	\$102,583	\$117,786	\$167,436	\$179,656	\$162,376
% change	-12.91%	-29.65%	-6.80%	10.64%	58.59%
% of sales	52.58%	54.35%	62.32%	64.69%	62.62%
change as % of incremental sales	n/m	n/m	n/m	93.93%	741.85%
SG&A \$	\$48,492	\$20,483	\$24,003	\$21,312	\$29,467
% change	136.74%	-14.66%	12.63%	-27.68%	31.43%
% of sales	24.86%	9.45%	8.93%	7.67%	11.36%
change as % of incremental sales	n/m	n/m	n/m	-44.33%	87.15%
Operating margin \$	(\$21,246)	\$24,622	\$59,492	\$84,585	\$69,876
% change	-186.29%	-58.61%	-29.67%	21.05%	-11.54%
% of sales	-10.89%	11.36%	22.14%	30.46%	26.95%
change as % of incremental sales EBITDA \$	n/m \$42,142	n/m \$92,429	n/m \$121,990	79.96% \$144,852	-112.70% \$140,442
% change	-54.41%	-24.23%	-15.78%	3.14%	-0.86%
% of sales	21.60%	42.65%	45.41%	52.16%	54.16%
change as % of incremental sales	21.00% n/m	42.03% n/m	45.41% n/m	23.97%	-15.12%
EBIT \$	(\$20,433)	\$24,948	\$49,024	\$76,908	\$78,119
% change	-181.90%	-49.11%	-36.26%	-1.55%	-5.21%
% of sales	-10.47%	11.51%	18.25%	27.69%	30.13%
change as % of incremental sales	n/m	n/m	n/m	-6.58%	-53.15%
Pre-tax income \$	(\$52,595)	(\$66,906)	\$119,409	\$5,598	(\$34,987)
% change	21.39%	-156.03%	2,033.07%	116.00%	-626.63%
% of sales	-26.96%	-30.87%	44.45%	2.02%	-13.49%
change as % of incremental sales	n/m	n/m	n/m	220.62%	-373.14%
Net income (loss) \$	(\$52,969)	(\$67,342)	\$119,409	\$5,598	(\$34,987)
% change	21.34%	-156.40%	2,033.07%	116.00%	-626.63%
% of sales	-27.15%	-31.07%	44.45%	2.02%	-13.49%
change as % of incremental sales	n/m	n/m	n/m	220.62%	-373.14%
Tax expense \$	\$374	\$436	\$0	\$0	\$0
Effective tax rate	-0.71%	-0.65%	0.00%	0.00%	0.00%
Depreciation expense \$	\$62,575	\$67,481	\$72,966	\$67,944	\$62,323
% of sales	32.08%	31.14%	27.16%	24.47%	24.03%
% of capital expenses	367.40%	103.58%	44.27%	46.43%	36.06%
% of PP&E, net (annualized)	9.65%	10.82%	12.47%	11.93%	11.45%
Capital expenditures \$	\$17,032	\$65,149	\$164,838	\$146,342	\$172,822
% change	-73.86%	-60.48%	12.64%	-15.32%	27.00%
% of PP&E, net (annualized)	2.63%	10.45%	28.18%	25.70%	31.76%
% of working capital (annualized)	-100.71%	-1,802.31%	-10,604.78%	5,461.54%	510.61%
Interest coverage ratio	0.95	1.01	2.70	2.03	1.24
% change	-6.02%	-62.72%	32.89%	63.59%	-23.54%
Free cash flow \$	\$27,693	\$1,009	(\$148,390)	(\$52,110)	(\$102,047)
% change	2,644.60%	100.68%	-184.76%	48.94%	-97.92%
Source:	10-Q	10-Q	10-K	10-Q	10-Q
	8/14/2019	5/8/2019	3/1/2019	11/1/2018	8/7/2018

QUARTERLY LEVERAGE RATIOS

Total debt to assets ratio affords creditors little degree of protection from loss

Total debt to EBITDA ratio (annualized) signals that the ability to meet financial obligations is in jeopardy

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

	(Thousands of U	.s. Dollars)			
Period Ended	6/30/2019	3/31/2019	12/31/2018	9/30/2018	6/30/2018
Total debt \$	\$2,387,487	\$2,618,711	\$2,395,712	\$2,392,248	\$2,388,745
% change	-8.83%	9.31%	0.14%	0.15%	-0.07%
Stockholders' equity \$	(\$82,562)	(\$14,926)	\$8,305	(\$80,031)	(\$67,744)
% change	-453.14%	-279.72%	110.38%	-18.14%	-102.70%
Total debt to equity ratio	n/a	n/a	288.47	n/a	n/a
Tangible net worth \$	(\$82,562)	(\$14,926)	\$8,305	(\$80,031)	(\$67,744)
% change	-453.14%	-279.72%	110.38%	-18.14%	-102.70%
Total debt to tangible net worth	n/a	n/a	288.47	n/a	n/a
Total assets \$	\$2,972,328	\$3,046,563	\$2,819,960	\$2,931,778	\$2,904,414
% change	-2.44%	8.04%	-3.81%	0.94%	0.02%
Total debt to assets ratio	0.80	0.86	0.85	0.82	0.82
% change	-6.56%	1.18%	4.12%	-0.79%	-0.09%
Tangible assets \$	\$2,972,328	\$3,046,563	\$2,819,960	\$2,931,778	\$2,904,414
% change	-2.44%	8.04%	-3.81%	0.94%	0.02%
Short-term debt \$	\$0	\$245	\$304	\$23,996	\$23,996
% change	-100.00%	-19.41%	-98.73%	0.00%	0.00%
Short-term debt % of total debt	0.00%	0.01%	0.01%	1.00%	1.00%
% change	-100.00%	-25.98%	-98.73%	-0.14%	
			30.7070	-0.14%	0.07%
Short-term debt % of working capital	0.00%	-0.46%	1.23%	-64.65%	0.07% 40.98 %
Short-term debt % of working capital % change	0.00% 100.00%				
* '		-0.46%	1.23%	-64.65%	40.98%
% change	100.00%	-0.46% -137.11%	1.23% 101.91%	-64.65 % -257.75%	40.98% 262.43%
% change Total liabilities \$	100.00% \$3,054,890	-0.46% -137.11% \$3,061,489	1.23% 101.91% \$2,811,655	-64.65% -257.75% \$3,011,809	40.98% 262.43% \$2,972,158
% change Total liabilities \$ % change Total liabilities to equity ratio Total liabilities to tangible net worth ratio	100.00% \$3,054,890 -0.22% n/a n/a	-0.46% -137.11% \$3,061,489 8.89% n/a n/a	1.23% 101.91% \$2,811,655 -6.65% 338.55 338.55	-64.65% -257.75% \$3,011,809 1.33% n/a n/a	40.98% 262.43% \$2,972,158 1.19% n/a n/a
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QUARTERLY LIQUIDITY RATIOS AND RATES OF RETURN

Working capital deficit	Liquidity Rati	ios - Sequen		ca &	eclining sh, quick, current ratios
Period Ended	6/30/2019	3/31/2019	12/31/2018	9/30/2018	6/30/2018
Current assets \$	\$336,466	\$338,558	\$372,981	\$512,937	\$561,999
% change	-0.62%	-9.23%	-27.29%	-8.73%	-18.13%
% of short-term debt	n/a	138,186.94%	122,691.12%	2,137.59%	2,342.05%
Current liabilities \$	\$418,166	\$392,158	\$348,299	\$550,054	\$503,446
% change	6.63%	12.59%	-36.68%	9.26%	6.15%
Working capital \$	(\$81,700)	(\$53,600)	\$24,682	(\$37,117)	\$58,553
% change	-52.43%	-317.16%	166.50%	-163.39%	-72.41%
% of sales (annualized)	-10.47%	-6.18%	2.30%	-3.34%	5.65%
Cash \$	\$203,469	\$200,698	\$197,613	\$368,672	\$437,689
% change	1.38%	1.56%	-46.40%	-15.77%	-20.43%
% of short-term debt	n/a	81,917.55%	65,004.28%	1,536.39%	1,824.01%
Cash ratio	0.49	0.51	0.57	0.67	0.87
% change	-4.92%	-9.80%	-15.34%	-22.91%	-25.04%
Quick assets \$	\$282,611	\$279,720	\$284,835	\$466,736	\$525,896
% change	1.03%	-1.80%	-38.97%	-11.25%	-17.32%
% of short-term debt	n/a	114,171.43%	93,695.72%	1,945.06%	2,191.60%
Quick ratio	0.68	0.71	0.82	0.85	1.04
% change	-5.26%	-12.78%	-3.62%	-18.77%	-22.11%
Current ratio	0.80	0.86	1.07	0.93	1.12
% change	-6.80%	-19.39%	14.84%	-16.47%	-22.88%
Source:	10-Q 8/14/2019	10-Q 5/8/2019	10-K 3/1/2019	10-Q 11/1/2018	10-Q 8/7/2018

Unable to generate					
meaningful returns	Rate of Return	- Sequentia nds of U.S. Dollar	*		
Period Ended	3 mos 6/30/2019	3 mos 3/31/2019	3 mos 12/31/2018	3 mos 9/30/2018	3 mos 6/30/2018
Return on equity	n/a	-810.86%	n/a	n/a	n/a
Return on net tangible equity	n/a	-810.86%	n/a	n/a	n/a
Return on total assets	-1.76%	-2.30%	4.15%	0.19%	-1.20%
% change	23.33%	-155.29%	2,064.81%	115.92%	-572.27%
Return on tangible assets	-1.76%	-2.30%	4.15%	0.19%	-1.20%
% change	23.33%	-155.29%	2,064.81%	115.92%	-572.27%
Source:	10-Q 8/14/2019	10-Q 5/8/2019	10-K 3/1/2019	10-Q 11/1/2018	10-Q 8/7/2018

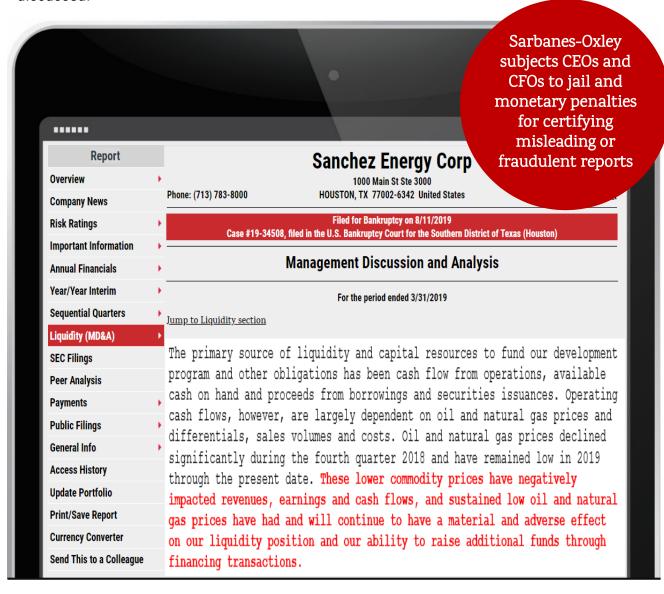
NEWS ALERTS: A TIMELINE OF CONCERNING NEWS ITEMS

	Heinson resigned a nergy company.	s Sr. VP & COO of Sanchez Energy in order to assume the role of Cl
7/13/2018	CRMZ News Service	SANCHEZ ENERGY CORP FILES (8-K) Disclosing Change in Directors or Principal Officers
for the same p	eriod last year. Net	d to negative \$35 million compared with net income of \$53 million income for the year-to-date period decreased to negative \$39.8 of \$68.7 million for the equivalent 6 months last year.
8/9/2018	CRMZ News Service	Sanchez Energy Corp updated financials available
Sanchez Energ pursue other o		oward J. Thill, the Company's Executive VP & CFO, had resigned to
11/1/2018	CRMZ News Service	SANCHEZ ENERGY CORP FILES (8-K) Disclosing Entry into a Material Definitive Agreement, Change in Directors or Principal Officers, Regulation FD Disclosur Financial Statements and Exhibits
esults, which		ided, reflecting its high debt levels and disappointing production ity and prompted Moody's concern that the company's capital
11/5/2018	CRMZ News Service	Sanchez Energy Corp updated Moody's rating available
	r the Q3 2018 period same period last ye	decreased to \$5.6 million compared with net income of \$35.8 ar.
11/14/2018	CRMZ News Service	Sanchez Energy Corp updated financials available
		ors to help it review strategic alternatives, which is often a sign o bankruptcy red flag.
12/4/2018	GlobeNewswire	Sanchez Energy Announces Engagement of Financial Advisor to Explore Strategic Alternatives
proceedings. I markets and o	Delistings typically btain financing.	om the NYSE that its Common Stock was subject to delisting have a negative impact on a company's ability to access equity
2/20/2019	CRMZ News Service	Sanchez Energy Corp: a Form 8-K has been Filed with the SEC
Net loss for th the same perio	• • • • • • • • • • • • • • • • • • •	creased to \$67.3 million compared with net loss of \$4.8 million fo
5/16/2019	CRMZ News Service	Sanchez Energy Corp updated financials available
	v deferred interest	payment on its 6.125% Senior Notes due 2023.
Sanchez Energ	y acremed interest	
7/16/2019	CRMZ News Service	Houston's Sanchez Energy Takes Another Step Towards Bankruptcy
7/16/2019		37

MANAGEMENT DISCUSSION AND ANALYSIS

One feature of the CreditRiskMonitor service is the ability to quickly access a Company's Management Discussion and Analysis (MD&A) history.

The MD&A represents the thoughts and opinions of management, and provides a forecast of future operations, and therefore these statements can't typically be falsified. 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."



ABOUT THIS REPORT/CONTACT CREDITRISKMONITOR



CreditRiskMonitor is a financial risk analysis and news service that helps credit, supply chain and financial professionals stay ahead of and manage risk quickly, accurately and cost effectively. More than 35% of the Fortune 1000, plus over a thousand other large corporations worldwide, rely on our financial risk coverage of over 58,000 global public companies.

CreditRiskMonitor Bankruptcy Case Studies provide post-filing analyses of public company bankruptcies. Our case studies educate subscribers about methods they can apply to assess bankruptcy risk using CreditRiskMonitor's proprietary FRISK® score, robust financial database and timely news alerts.

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Read more Bankruptcy Case Studies, High Risk Reports and other resources

Contact us at: 845.230.3000 creditriskmonitor.com/contact-us