creditrisk HIGH RISK REPORT ABRAXAS PETROLEUM CORP. 12/08/2021



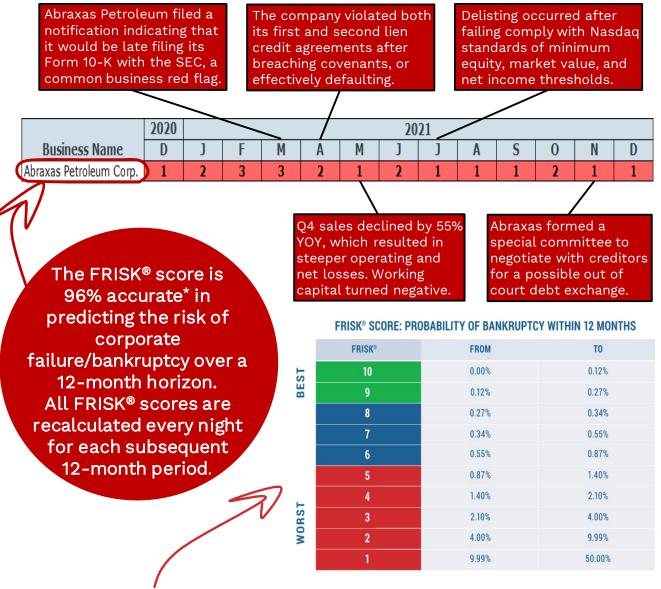
CreditRiskMonitor's assessment of Abraxas Petroleum Corp.'s ("Abraxas Petroleum") "high risk" status has been determined by a combination of factors:

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MONTHLY AVERAGE FRISK[®] SCORE

CreditRiskMonitor's proprietary FRISK[®] score signals that Abraxas Petroleum (OTC: AXAS) has a 10 to 50 times greater risk of bankruptcy than the average public company.

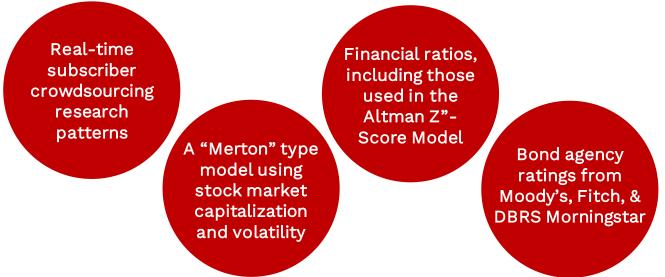


While the risk of bankruptcy varies at each FRISK[®] score, 96% of public companies that eventually go bankrupt enter the FRISK[®] "red zone" prior to filing. A FRISK[®] score of 5 or less is an important warning sign.

* 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 powerful risk indicators including:



<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

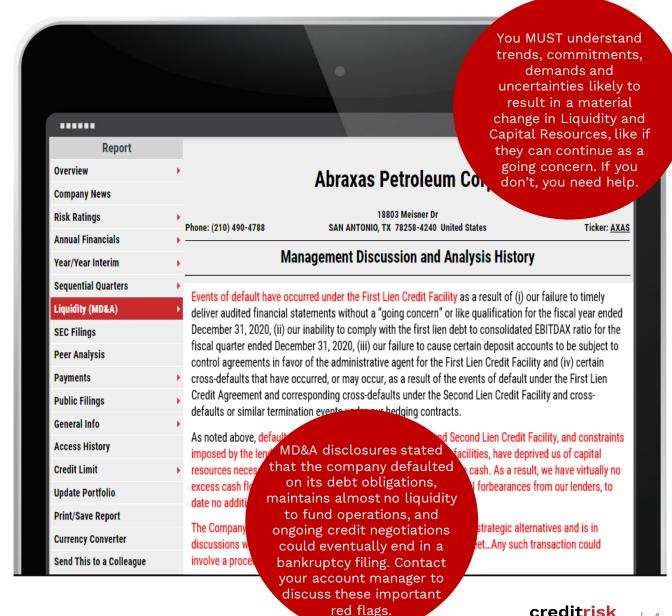
<u>Read more in Credit Research Foundation's quarterly journal article,</u> <u>"Assessing Public Company Financial Risk by Crowdsourcing the Research of Credit Professionals"</u>



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.

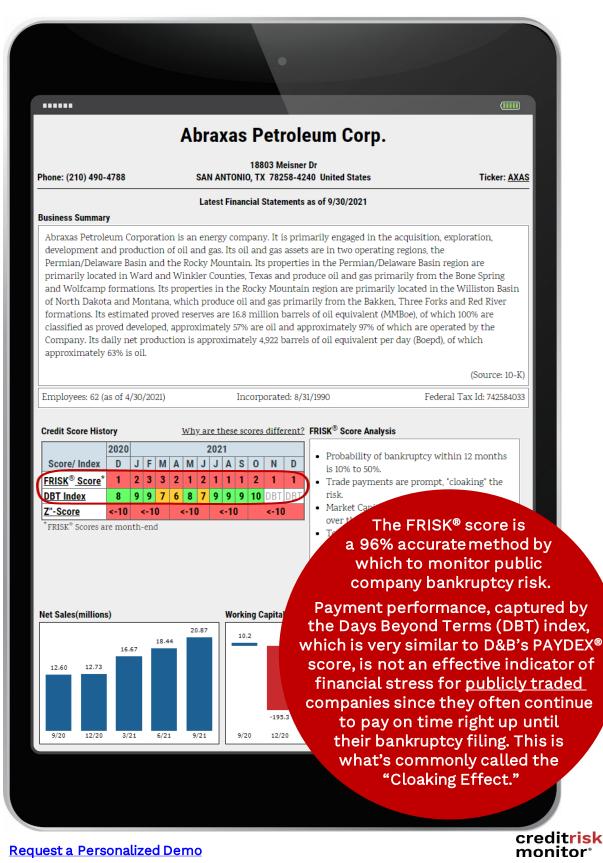
According to the Financial Accounting Standards Board (FASB), "MD&A should provide a balanced presentation that includes both positive and negative information about the topics discussed."



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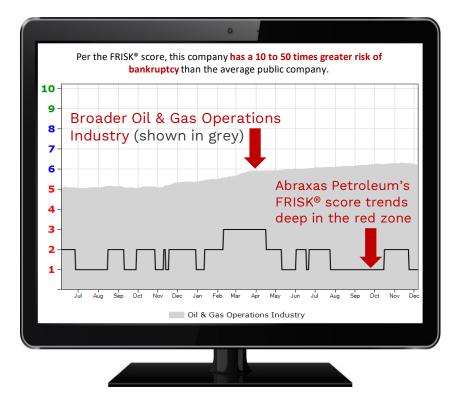
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COMPANY REPORT DETAIL



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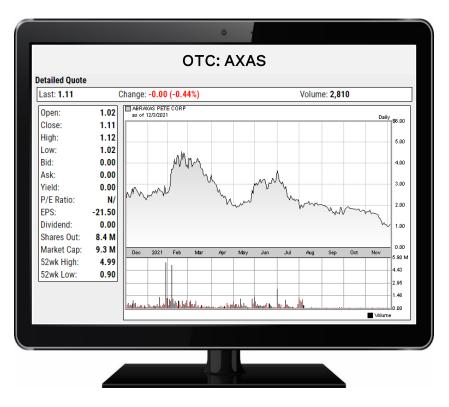
FRISK[®] DEEP DIVE



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

MAKING IMMEDIATE ATTENTION REQUIRED.

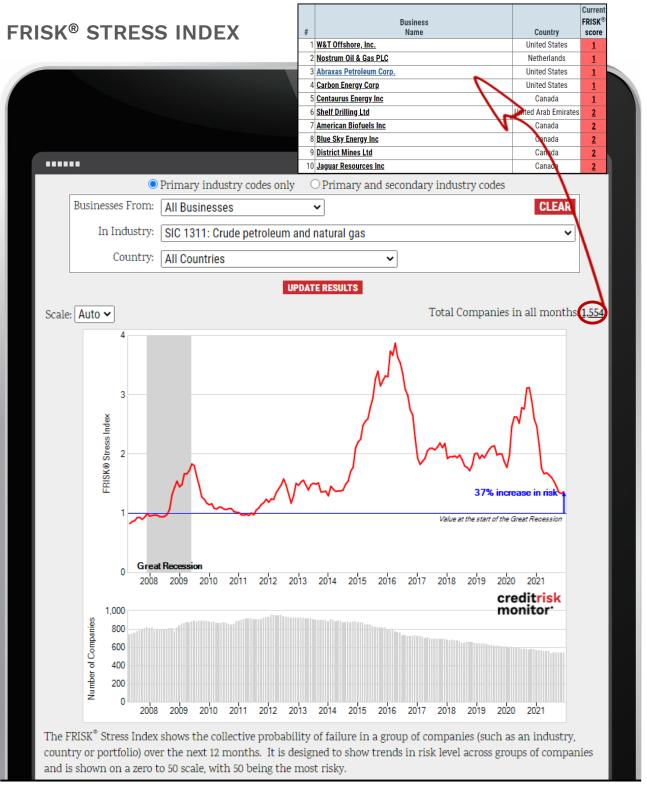
ADJUSTED MARKET CAP VOLATILITY



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 dailv 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.



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The average probability of failure for SIC code 1311 (Crude Petroleum and natural gas) has increased 37% since 2007. Abraxas Petroleum is among the weakest names in the industry as evidenced by its

FRISK[®] score of 1.

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PEER ANALYSIS ON ALTERNATE SUPPLIERS AND CUSTOMERS

he Peer Analysis							
pands to provide a							
king of a company's							
petitors, which can							
p provide options							
alternate suppliers							
	· Year/Qua	rter: 202	1.3 ~	_	_	_	
	Ranking			-			
	Within	Of			Peer Group	Range	
Businessen Peer Group: 3906	Peer Group	Peers Ranked	Compa Value		Low	Median	High
	Credit R		Furue		2011	meanan	g.
Z-Score	435	-	-25	.50 -	34,639.84	1.60	789.34
	erforman						
Net Sales (Thousands of U.S. Dollars)	121 109	194			1,464,838		71,892,000
Gross Margin % Of Sales Gross Margin % Of Sales TTM	109	428		.46	-360.00	47.12 43.54	2,051.47
SGA % Of Sales	201	440		.31	0.31		48,956.73
SGA % Of Sales TTM	224	451	12	40	0.70	10.45	07 600 76
Operating Margin % Of Sales	108	462	42	Ran			ny Name
Operating Margin % Of Sales TTM EBITDA Margin Of Sales	399 104	470 352	-4A		1 Exxon Mob	<u>il Corp</u>	
EBITDA Margin Of Sales TTM	307	365	2		2 Exxon Corp	oration	
Net Profit Margin % Of Sales	367	462	-5		3 Royal Dutc		
Net Profit Margin % Of Sales TTM	426	<u>472</u>	-157				
Pre-tax Income % Of Sales Effective Tax Rate	373	462	-5		4 <u>Royal Dutc</u>	<u>h Shell plc</u>	<u>(ADR)</u>
Effective Tax Rate Depreciation % Of Prop/Plant/Equipment	55 306	414 442	0. 13.		5 TotalEnerg	ies SE (AD	<u>R)</u>
Capital Expense % Of Prop/Plant/Equipment		371		.67	0.00	11.12	
Interest Coverage	260	343	1.	.25 -	18,403.12	4.89	1,267.00
Interest Coverage TTM	291	370	-0.	.17 -	12,096.11	4.08	1,153.59
Cash Ratio	Liquidity 411	s11	0	.04	0.00	0.34	118.06
Quick Ratio	440	471		.10	0.00	0.68	118.06
Current Ratio	474	<u>511</u>	0.	10	0.00	1.10	268.54
	Efficientc		\mathbf{i}	Rank	(Compan	y Name
Accounts Receivable Turnover Days Sales Outstanding	321 353	470 463		1	Romgaz		
% of Inventory Financed by Vendors	000	220	2	,	2 Forza Petrole	um l tel	
% of Inventory Financed by Vendors TTM		224					
Inventory Turnover		<u>294</u>			B United States		erais inc
Inventory Turnover TTM Days Sales in Inventory		297 285		4	4 Censof Holdi	ngs Bhd	
Inventory to Working Capital		291		ļ	5 WesCan Ener	gy Corp	
Accounts Payable Turnover	71	317	11.	94	-0.47	5.07	330.97
Accounts Payable Turnover TTM	151 rage & de	<u>324</u> ht coverac		.67	-0.23	5.11	615.42
Total Debt to Equity Ratio	age a de	404	,		0.00	0.50	21.76
Debt to Tangible Equity Ratio		401			0.00	0.56	22.70
Total Debt to Assets Ratio	445			.59	0.00	0.25	-
Short-Term Debt % of Total Debt Short-Term Debt % of Working Capital	360 293			.30	0.00	19.94 0.00	100.00 1,643.58
Liabilities to Net Worth Ratio	293	421	-98	.74-	0.00	1.03	41.63
Total Liabilities to Equity Ratio		452			0.00	0.97	41.63
TTM EBITDA to Total Debt	288	<u>352</u>	-0	.06	-2,437.50	0.43	
-							00.05
Net Debt to TTM EBITDA	-	<u>269</u>	al in 11		-16.51 Quartile of	1.45	28.05

TTM = trailing 12 months N/A = Not Available

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

Orange - Confidential

Grey - Data is Not Available



QUARTERLY PERFORMANCE RATIOS

Recurring net losses and poor interest coverage ratio

Limited free cash flow relative to total debt outstanding

Performa	nce Ratios (Thousands of	- Sequent	ial Quarter	s	
Period Ended	3 mos 9/30/2021	3 mos 6/30/2021	3 mos 3/31/2021	3 mos 12/31/2020	3 mos 9/30/2020
Net Sales \$	\$20,865	\$18,443	\$16,670	\$12,729	\$12,595
% change	13.13%	10.64%	30.96%	1.06%	531.96%
Gross Margin \$	\$14,702	\$12,688	\$10,905	\$7,532	\$7,140
% change	15.87%	16.35%	44.78%	5.49%	540.20%
% of sales	70.46%	68.80%	65.42%	59.17%	56.69%
change as % of incremental sales SG&A \$	83.15%	100.56%	85.59%	292.54% \$2,277	82.64% \$2,100
% change	\$1,942 -14,15%	\$2,262 10.40%	\$2,049 -10.01%	8.43%	7.20%
% of sales	-14.15% 9.31%	12.26%	-10.01%	6.43% 17.89%	16.67%
change as % of incremental sales	-13.21%	12.20%	-5.79%	132.09%	1.33%
Operating margin \$	\$8,829	\$6,056	\$6,227	(\$51,502)	(\$60,769)
% change	45.79%	-2.75%	112.09%	15.25%	1.15%
% of sales	42.31%	32.84%	37.35%	-404.60%	-482.49%
change as % of incremental sales	114.49%	-9.64%	1,464.83%	6,915.67%	6.65%
EBITDA \$	\$12,641	\$10,327	\$10,124	(\$46,192)	(\$53,750)
% change	22.41%	2.01%	121.92%	14.06%	8.30%
% of sales	60.58%	55.99%	60.73%	-362.89%	-426.76%
change as % of incremental sales	95.54%	11.45%	1,428.98%	5,640.30%	45.90%
EBIT \$	\$8,829	\$6,085	\$6,227	(\$51,571)	(\$60,769)
% change	45.09%	-2.28%	112.07%	15.14%	1.15%
% of sales	42.31%	32.99%	37.35%	-405.15%	-482.49%
change as % of incremental sales	113.29%	-8.01%	1,466.58%	6,864.18%	6.65%
Pre-tax income \$	(\$1,245)	(\$14,005)	(\$23,690)	(\$69,094)	(\$73,615)
% change	91.11%	40.88%	65.71%	6.14%	11.58%
% of sales	-5.97%	-75.94%	-142.11%	-542.81%	-584.48%
change as % of incremental sales	526.84%	546.25%	1,152.09%	3,373.88%	90.94%
Net income (loss) \$	(\$1,245)	(\$14,005)	(\$23,690)	(\$69,094)	(\$73,615)
% change	91.11%	40.88%	65.71%	6.14%	11.58%
% of sales	-5.97%	-75.94%	-142.11%	-542.81%	-584.48%
change as % of incremental sales	526.84%	546.25%	1,152.09%	3,373.88%	90.94%
Depreciation expense \$	\$3,812	\$4,242	\$3,897	\$5,793	\$7,019
% of sales	18.27%	23.00%	23.38%	45.51%	55.73%
% of capital expenses	823.33%	1,404.64%	4,282.42%	-919.52%	269.34%
% of PP&E, net (annualized)	13.75%	14.63%	12.85%	15.24%	13.28%
Capital expenditures \$	\$463	\$302	\$91	(\$630)	\$2,606
% change	53.31%	231.87%	114.44%	-124.18%	152.52%
% of PP&E, net (annualized)	1.67%	1.04%	0.30%	-1.66%	4.93%
% of working capital (annualized)	-0.87%	-0.58%	-0.18%	2.72%	127.25%
Interest coverage ratio	1.25	0.51	0.34	(2.64)	(4.18)
% change	144.12%	51.89%	112.84%	37.00%	-55.49%
Free cash flow \$ % change	\$8,767 94.00%	\$4,519 -21,19%	\$5,734 -2,50%	\$5,881 123.10%	\$2,636 226,24%
Source:	94.00% 10-0	-21.19%	-2.50% 10-0	123.10%	10-0
Source.	11/15/2021	8/16/2021	5/17/2021	5/7/2021	11/9/2020

QUARTERLY LEVERAGE RATIOS

Negative tangible net worth has impaired incremental porrowings to fund operations	e Ratios - Se (Thousands of U	•)uarters	vio trigge all d sho	ovenant olations ered nearly ebt into a ort-term sification
Period Ended	9/30/2021	6/30/2021	3/31/2021	12/31/2020	9/30/2020
Total debt \$	\$213,054	\$212,942	\$207,331	\$206,650	\$204,222
% change	0.05%	2.71%	0.33%	1.19%	0.42%
Stockholders' equity \$	(\$111,127)	(\$110,155)	(\$96,346)	(\$72,967)	(\$4,238)
% change	-0.88%	-14.33%	-32.04%	-1,621.73%	-106.77%
Tangible net worth \$	(\$111,127)	(\$110,155)	(\$96,346)	(\$72,967)	(\$4,238)
% change	-0.88%	-14.33%	-32.04%	-1,621.73%	-106.77%
Total assets \$	\$134,328	\$135,684	\$138,299	\$157,761	\$225,236
% change	-1.00%	-1.89%	-12.34%	-29.96%	-24.93%
Total debt to assets ratio	1.59	1.57	1.50	1.31	0.91
% change	1.06%	4.68%	14.45%	44.47%	33.77%
Tangible assets \$	\$134,328	\$135,684	\$138,299	\$157,761	\$225,236
% change	-1.00%	-1.89%	-12.34%	-29.96%	-24.93%
Short-term debt \$	\$209,434	\$209,244	\$203,556	\$202,751	\$291
% change	0.09%	2.79%	0.40%	69,573.88%	1.04%
Short-term debt % of total debt	98.30%	98.26%	98.18%	98.11%	0.14%
% change	0.04%	0.09%	0.07%	68,751.37%	0.64%
Short-term debt % of working capital	-98.74%	-97.63%	-100.59%	-103.83%	2.85%
% change	-1.13%	2.94%	3.12%	-3,743.75%	-38.93%
Total liabilities \$	\$245,455	\$245,839	\$234,645	\$230,728	\$229,474
% change	-0.16%	4.77%	1.70%	0.55%	-3.35%
Total debt to EBITDA ratio (annualized)	4.21	5.16	5.12	n/a	n/a
% change	-18.26%	0.69%	n/a	n/a	n/a
Source:	10-Q 11/15/2021	10-Q 8/16/2021	10-Q 5/17/2021	10-K 5/7/2021	10-Q 11/9/2020

QUARTERLY LIQUIDITY RATIOS AND RATES OF RETURN

Working apital falls into a deficit	Liquidity Ratio	os - Sequen		ca qui	Weak ash and ick ratio
Period Ended	9/30/2021	6/30/2021	3/31/2021	12/31/2020	9/30/2020
Current assets \$	\$24,859	\$22,928	\$17,901	\$24,051	\$26,552
% change	8.42%	28.08%	-25.57%	-9.42%	-15.37%
% of short-term debt	11.87%	10.96%	8.79%	11.86%	9,124.40%
Current liabilities \$	\$236,969	\$237,242	\$220,257	\$219,319	\$16,340
% change	-0.12%	7.71%	0.43%	1,242.22%	-35.17%
Working capital \$	(\$212,110)	(\$214,314)	(\$202,356)	(\$195,268)	\$10,212
% change	1.03%	-5.91%	-3.63%	-2,012.14%	65.46%
% of sales (annualized)	-254.15%	-290.51%	-303.47%	-383.51%	20.27%
Cash \$	\$9,051	\$7,964	\$4,273	\$2,775	\$583
% change	13.65%	86.38%	53.98%	375.99%	n/m
% of short-term debt	4.32%	3.81%	2.10%	1.37%	200.34%
Cash ratio	0.04	0.03	0.02	0.01	0.04
% change	13.69%	73.20%	52.76%	-64.43%	n/m
Quick assets \$	\$23,573	\$21,657	\$15,441	\$12,824	\$8,018
% change	8.85%	40.26%	20.41%	59.94%	187.59%
% of short-term debt	11.26%	10.35%	7.59%	6.33%	2,755.33%
Quick ratio	0.10	0.09	0.07	0.06	0.49
% change	8.98%	30.24%	19.83%	-88.08%	343.67%
Current ratio	0.10	0.10	0.08	0.11	1.63
% change	8.59%	18.82%	-25.89%	-93.25%	30.53%
Source:	10-Q 11/15/2021	10-Q 8/16/2021	10-Q 5/17/2021	10-K 5/7/2021	10-Q 11/9/2020

Unable to generate					
ny positive	Rate of Return - (Thousand	Sequentia Is of U.S. Dollars			
returns Period Ended	3 mos 9/30/2021	3 mos 6/30/2021	3 mos 3/31/2021	3 mos 12/31/2020	3 mos 9/30/2020
Return on equity	n/a	n/a	n/a	n/a	-117.59%
% change	n/a	n/a	n/a	n/a	-105.49%
Return on net tangible equity	n/a	n/a	n/a	n/a	-117.59%
% change	n/a	n/a	n/a	n/a	-105.49%
Return on total assets	-0.92%	-10.22%	-16.00%	-36.08%	-28.03%
% change	90.98%	36.12%	55.65%	-28.72%	-14.80%
Return on tangible assets	-0.92%	-10.22%	-16.00%	-36.08%	-28.03%
% change	90.98%	36.12%	55.65%	-28.72%	-14.80%
Source:	10-Q 11/15/2021	10-Q 8/16/2021	10-Q 5/17/2021	10-K 5/7/2021	10-Q 11/9/2020

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YEAR OVER YEAR STATEMENT OF CASH FLOWS

Collapsing					
pex reduces					
aintenance					
and overall					
support for	V	V C	1 1		and the second se
production _{.e} nt of Cash Flows	 Year-over (Thousands of 		andardize	d - Year to	Date
Period Ended	9 mos 9/30/2021	9 mos 9/30/2020	9 mos 9/30/2019	9 mos 9/30/2018	9 mos 9/30/2017
				Reclassified 9/30/2019	
Cash Flows from Operating Activities:					
Net income	(\$38,940)	(\$115,428)	\$3,264	\$2,002	\$20,115
Depreciation/depletion	11,951	19,053	38,367	30,241	17,666
Non-cash Items	61,186	111,215	9,770	27,035	(3,870)
Changes in working capital	(14,321)	(4,106)	9,616	7,426	(11,652)
Total cash from operating activities	19,876	10,734	61,017	66,704	22,259
Cash Flows from Investing Activities:					
Capital expenditures	(856)	(13,187)	(89,621)	(132,989)	(71,518)
Other investing cash flow items, total	373	0	16,765	3,142	15,302
Total cash from investing activities	(483)	(13,187)	(72,856)	(129,847)	(56,216)
Cash Flows from Financing Activities:					
Financing cash flow items	(157)	(977)	(91)	(296)	(726)
Issuance/retirement of stock, net	n/a	0	401	14	65,224
Issuance/retirement of debt, net	(12,960)	4,013	17,801	61,807	(29,722)
Total cash from financing activities	(13,117)	3,036	18,111	61,525	34,776
Net change in cash	6,276	583	6,272	(1,618)	819
Net cash-beginning balance	2,775	0	867	1,618	0
Net cash-ending balance	\$9,051	\$583	\$7,139	\$0	\$819
Supplemental Disclosures:					
Cash interest paid	\$4,667	\$6,085	\$8,706	\$4,402	\$1,427
Source:	10-Q 11/15/2021	10-Q 11/9/2020	10-Q 11/13/2019	10-Q 11/13/2019	10-Q 11/9/2017

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 57,000 global public companies.

CreditRiskMonitor's High Risk Reports feature companies that are exhibiting a significantly high level of financial distress, as indicated by our proprietary FRISK® score. The ultimate goal of the High Risk Report series is twopart: provide an early warning for those doing business with an increasingly distressed company and inform of the many signals that should be examined when assessing financial risks.

Request a Personalized Demo and Risk Assessment

<u>Read more Bankruptcy Case Studies, High Risk Reports and</u> <u>other resources</u>

Contact us at: 845.230.3000 <u>creditriskmonitor.com/contact-us</u>

