creditrisk monitor®

HIGH RISK REPORT CALIFORNIA RESOURCES

06/17/2020



CreditRiskMonitor's assessment of California Resources Corporation's ("California Resources") "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 California Resources (NYSE: CRC) has a 10 to 50 times greater risk of bankruptcy than the average public company. The company was also featured in an oil & gas industry report published on April 15, 2020.

California Resources had derivative contracts that provided limited downside protection to Brent prices falling below \$55 per barrel. Third quarter net sales declined by 17.8% and net income declined 50% after excluding gains made on extinguishment of debt.

Moody's downgrades the company's CFR from Caa1 to Caa3, while maintaining a negative outlook due to elevated restructuring risk.

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.

A ninth amendment was created for its revolving credit facility pertaining to potential royalty interest transactions.

Brent crude oil prices fall by approximately 54% in four weeks as OPEC+ fails to agree on curbing production.

EDICI/® Coore	BANKRUPTCY RISK RELATIVE TO THE HISTORICAL AVERA			
FRISK® Score	FROM	TO		
10	0.00x	0.12x		
9	0.12x	0.27x		
8	0.27x	0.34x		
7	0.34x	0.55x		
6	0.55x	0.87x		
5	0.87x	1.40x		
¥ 4	1.40x	2.10x		
3	2.10x	4.00x		
₹ 2	4.00x	9.99x		
1	9.99x	50.00x		

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 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:

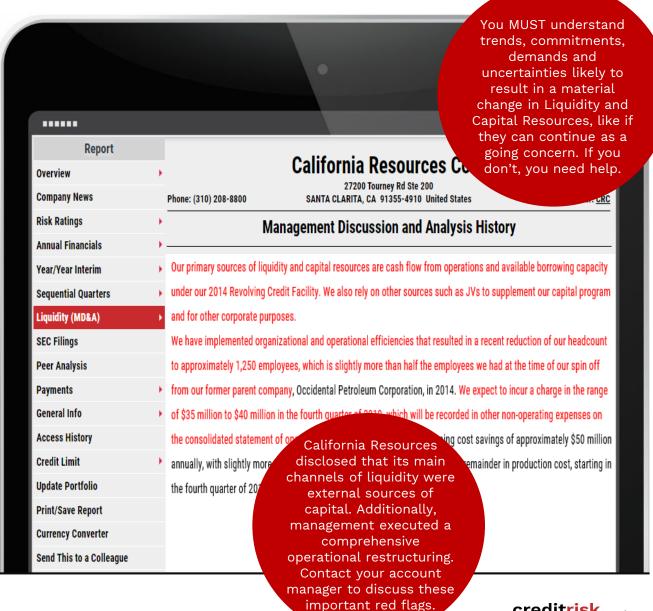
- Credit managers control one of the largest sources of working capital going into a company
- They are not held to the same "Fair Disclosure" restrictions that prevent non-disclosed information sharing on public companies
- Credit managers use a variety of non-public information sources such as their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

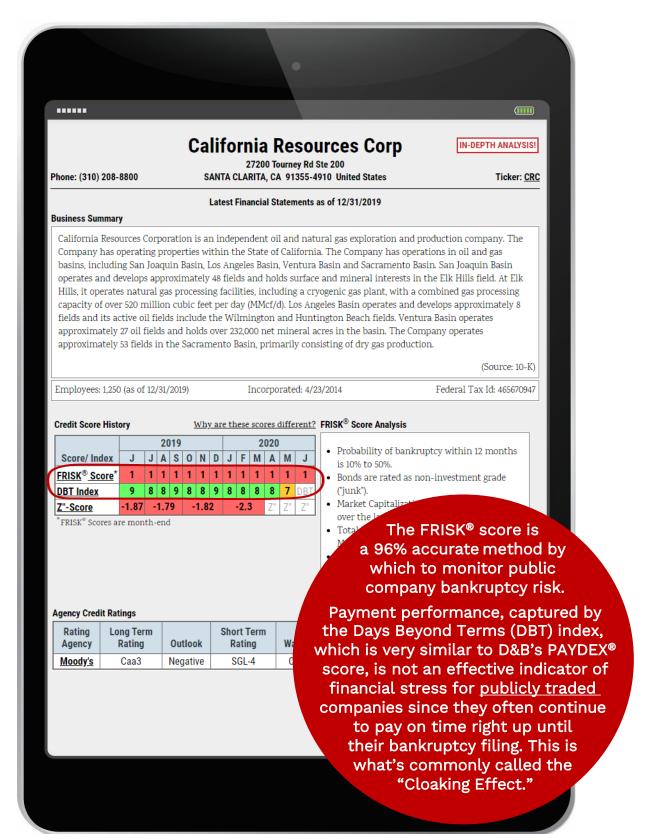
DO NOT MISS THIS - MANAGEMENT DISCUSSION AND ANALYSIS (MD&A)

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.

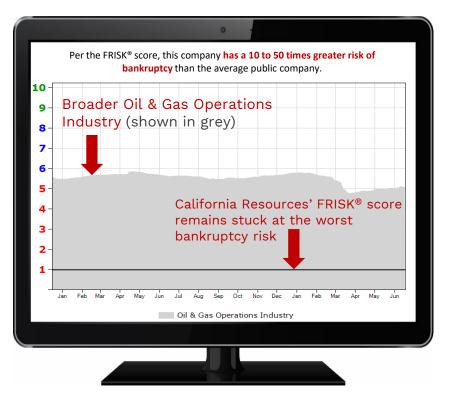
According to the Financial Accounting Standards Board (FASB), "MD&A should provide a balanced presentation that includes both positive and negative information about the topics discussed."



COMPANY REPORT DETAIL



FRISK® DEEP DIVE



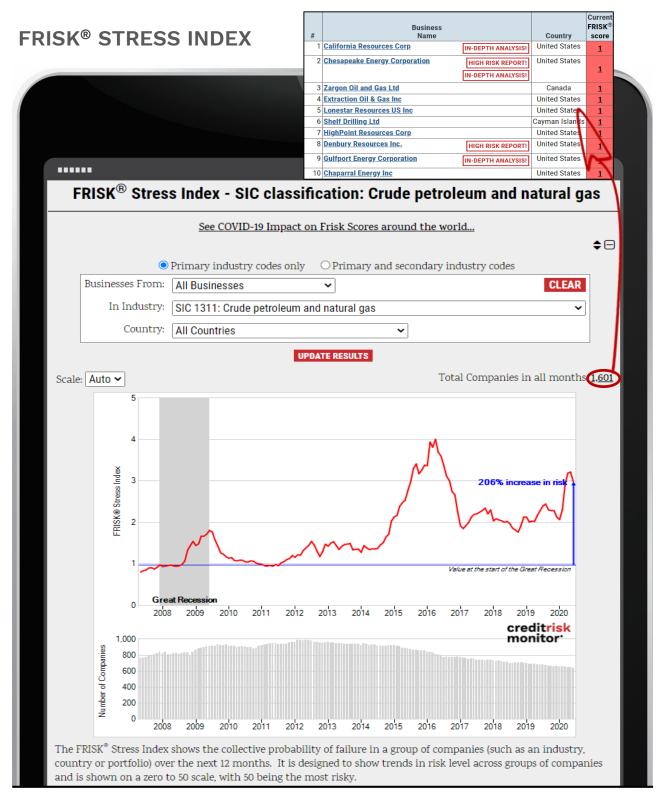
The FRISK® score relative to the broader Oil & Gas Operations industry raises an additional red flag signaling heightened risk relative to peers, as well...

MAKING IMMEDIATE ATTENTION REQUIRED.

ADJUSTED MARKET CAP VOLATILITY



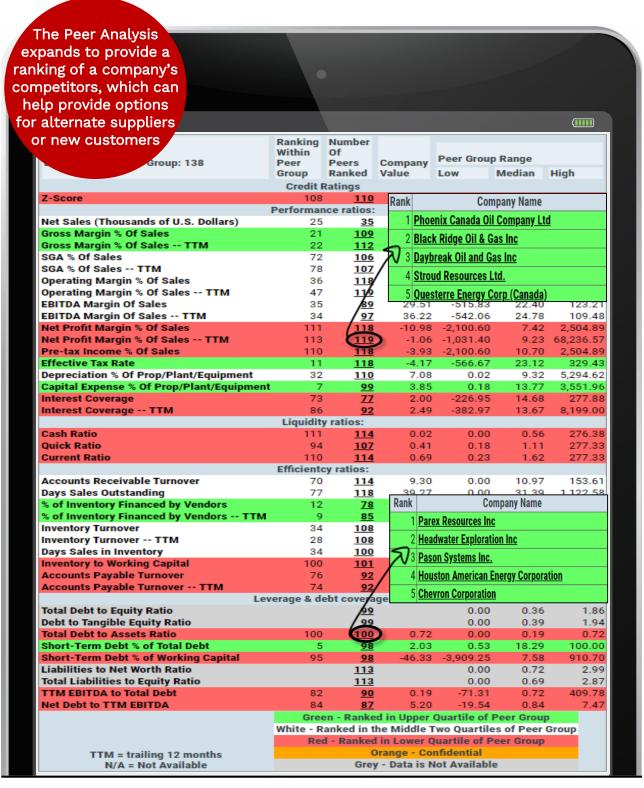
One of the inputs of the FRISK® score is a company's market cap volatility, adjusted for dividends, over the course of a year. Incorporating this information allows us to capture the "wisdom of markets" on a daily basis. This ensures our subscribers are getting the most up to date view of the risks they 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 206% since 2007. California Resources 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



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

QUARTERLY PERFORMANCE RATIOS

Generally declining net sales and cumulative net losses

Limited interest coverage and weak free cash flow generation

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 12/31/2019 9/30/2019 Net Sales \$ \$610,000 \$681,000 \$653,000 \$690,000 \$1,078,000 -35,99% 30.19% % change -10.43% 4.29% -5.36% Gross Margin \$ \$399,000 \$460,000 \$423,000 \$457,000 \$845,000 % change -13.26% 8.75% -7.44% -45.92% 42.74% % of sales 65.41% 67.55% 64.78% 66.23% 78.39% change as % of incremental sales n/m 132.14% n/mn/m 101.20% \$100,000 SG&A S \$108,000 \$115,000 \$124,000 \$94,000 % change -7.41% -6.09% -7.26% 31.91% -25.40% % of sales 16.39% 15.86% 17.61% 17.97% 8.72% change as % of incremental sales n/m -25.00% n/m n/m -12.80% Operating margin \$ \$120,000 \$230,000 \$142,000 \$63,000 \$496,000 % change -47.83% 61.97% 125.40% -87.30% 165.24% % of sales 19.67% 33.77% 21.75% 9.13% 46.01% change as % of incremental sales 314.29% n/m n/m n/m 123.60% EBITDA \$ \$180,000 \$340,000 \$260,000 \$174,000 \$620,000 % change -47.06% 30.77% 49.43% -71.94% 97.45% % of sales 29.51% 49.93% 39.82% 25.22% 57.51% change as % of incremental sales 285.71% 122.40% n/m n/m n/m EBIT \$ \$66,000 \$222,000 \$139,000 \$490,000 \$56,000 % change -70.27% 59.71% 148.21% -88.57% 163.44% % of sales 10.82% 32.60% 21.29% 8.12% 45.45% change as % of incremental sales 296.43% 121.60% n/m n/m n/mPre-tax income \$ \$127,000 \$392,000 (\$24,000)\$41,000 (\$44,000)% change -118.90% 209.76% -111.22% 330.77% 193.18% % of sales -6.38% -3.93%18.65% 6.28% 36.36% change as % of incremental sales 307.14% 120.40% n/mn/m Net income (loss) \$ (\$67,000)\$94,000 \$12,000 (\$67,000) \$346,000 % change 171.28% 683.33% 117.91% -119.36% 424.24% % of sales -9.71% 32.10% -10.98% 13.80% 1.84% 112.00% change as % of incremental sales n/m 292.86% n/m n/m Tax expense \$ \$1,000 \$0 \$0 \$0 \$0 Effective tax rate 0.00% 0.00% 0.00% 0.00% -4.17%Depreciation expense \$ \$114,000 \$118,000 \$121,000 \$118,000 \$130,000 % of sales 18.69% 17.33% 18.53% 17.10% 12.06% 86.43% % of capital expenses 96.72% 69.89% 183.87% 90.08% % of PP&E, net (annualized) 7.08% 7.30% 7.41% 7.23% 8.10% Capital expenditures \$ \$62,000 \$122,000 \$140,000 \$131,000 \$186,000 % change -49.18% -12.86% 6.87% -29.57% 5.08% % of PP&E, net (annualized) 3.85% 7.55% 8.57% 8.03% 11.59% % of working capital (annualized) -560.00% -1,326.58% -115 62% -326 42% -509 59% Interest coverage ratio 2.00 3.58 2.65 1.74 6.33 % change -44.12% 34.90% 52.48% -72.50% 91.40% \$74,000 \$146,000 \$27,000 Free cash flow \$ (\$26,000)(\$118,000) % change 661.54% -196.30% 122.88% 555.56% Source: 10-K 10-0 10-0 10-0 10-K 2/26/2020 11/4/2019 8/1/2019 5/2/2019 2/27/2019

QUARTERLY LEVERAGE RATIOS

Negative tangible net worth inhibits incremental borrowing of debt

Leverage Ratios - Sequential Quarters

Total debt to assets exceeds the exploration and production industry median by more than 2.5 times

	(Thousands of U.S. Dollars)					
Period Ended	12/31/2019	9/30/2019	6/30/2019	3/31/2019	12/31/2018	
Total debt \$	\$4,979,000	\$4,998,000	\$5,162,000	\$5,269,000	\$5,251,000	
% change	-0.38%	-3.18%	-2.03%	0.34%	2.80%	
Stockholders' equity \$	(\$296,000)	(\$208,000)	(\$279,000)	(\$289,000)	(\$247,000)	
% change	-42.31%	25.45%	3.46%	-17.00%	59.17%	
Tangible net worth \$	(\$296,000)	(\$208,000)	(\$279,000)	(\$289,000)	(\$247,000)	
% change	-42.31%	25.45%	3.46%	-17.00%	59.17%	
Total assets \$	\$6,958,000	\$7,035,000	\$7,032,000	\$7,230,000	\$7,158,000	
% change	-1.09%	0.04%	-2.74%	1.01%	2.49%	
Total debt to assets ratio	0.72	0.71	0.73	0.73	0.73	
% change	0.73%	-3.23%	0.73%	-0.65%	0.30%	
Tangible assets \$	\$6,958,000	\$7,035,000	\$7,032,000	\$7,230,000	\$7,158,000	
% change	-1.09%	0.04%	-2.74%	1.01%	2.49%	
Short-term debt \$	\$101,000	\$101,000	\$101,000	\$100,000	n/a	
% change	0.00%	0.00%	1.00%	n/a	n/a	
Short-term debt % of total debt	2.03%	2.02%	1.96%	1.90%	n/a	
% change	0.38%	3.28%	3.09%	n/a	n/a	
Short-term debt % of working capital	-46.33%	-47.87%	-114.77%	-89.29%	n/a	
% change	3.21%	58.29%	-28.55%	n/a	n/a	
Total liabilities \$	\$7,254,000	\$7,243,000	\$7,311,000	\$7,519,000	\$7,405,000	
% change	0.15%	-0.93%	-2.77%	1.54%	-2.42%	
Total debt to EBITDA ratio (annualized)	6.92	3.68	4.96	7.57	2.12	
% change	88.17%	-25.96%	-34.44%	257.55%	-47.94%	
Source:			10-Q	10-Q	10-K	
	Negative	working	8/1/2019	5/2/2019	2/27/2019	

Negative working capital against its short-term debt burden indicates funding shortfall

QUARTERLY LIQUIDITY RATIOS AND RATES OF RETURN

Ongoing decline in working capital	Limidia P-1		tial Quart	qu	Cash and uick ratios are poor
	Liquidity Ratio	os - Sequen Isands of U.S. Doll		rs	
Period Ended	12/31/2019	9/30/2019	6/30/2019	3/31/2019	12/31/2018
Current assets \$	\$491,000	\$510,000	\$522,000	\$577,000	\$640,000
% change	-3.73%	-2.30%	-9.53%	-9.84%	17.22%
% of short-term debt	486.14%	504.95%	516.83%	577.00%	n/a
Current liabilities \$	\$709,000	\$721,000	\$610,000	\$689,000	\$607,000
% change	-1.66%	18.20%	-11.47%	13.51%	-30.31%
Working capital \$	(\$218,000)	(\$211,000)	(\$88,000)	(\$112,000)	\$33,000
% change	-3.32%	-139.77%	21.43%	-439.39%	110.15%
% of sales (annualized)	-8.93%	-7.75%	-3.37%	-4.06%	0.77%
Cash \$	\$17,000	\$22,000	\$27,000	\$43,000	\$17,000
% change	-22.73%	-18.52%	-37.21%	152.94%	-45.16%
% of short-term debt	16.83%	21.78%	26.73%	43.00%	n/a
Cash ratio	0.02	0.03	0.04	0.06	0.03
% change	-21.31%	-31.15%	-29.01%	122.86%	-21.35%
Quick assets \$	\$294,000	\$270,000	\$261,000	\$339,000	\$316,000
% change	8.89%	3.45%	-23.01%	7.28%	-2.47%
% of short-term debt	291.09%	267.33%	258.42%	339.00%	n/a
Quick ratio	0.41	0.37	0.43	0.49	0.52
% change	10.73%	-12.48%	-13.03%	-5.49%	39.95%
Current ratio	0.69	0.71	0.86	0.84	1.05
% change	-2.11%	-17.33%	2.19%	-20.58%	68.19%
Source:	10-K 2/26/2020	10-Q 11/4/2019	10-Q 8/1/2019	10-Q 5/2/2019	10-K 2/27/2019

Weak returns on total assets	Rate of Return	n - Sequent ands of U.S. Dolla		3	
Period Ended	3 mos 12/31/2019	3 mos 9/30/2019	3 mos 6/30/2019	3 mos 3/31/2019	3 mos 12/31/2018
Return on total assets	-0.96%	1.34%	0.17%	-0.93%	4.89%
% change	-171.65%	694.12%	118.07%	-119.03%	416.16%
Return on tangible assets	-0.96%	1.34%	0.17%	-0.93%	4.89%
% change	-171.65%	694.12%	118.07%	-119.03%	416.16%
Source:	10-K 2/26/2020	10-Q 11/4/2019	10-Q 8/1/2019	10-Q 5/2/2019	10-K 2/27/2019

ANNUAL STATEMENT OF CASH FLOWS

Net-cash							
nding balance	•						
shows no							
mprovement							
Statement of Cash Flows - Annual - Standardized (Thousands of U.S. Dollars)							
	12 mos	12 mos	12 mos	12 mos	12 mos		
Period Ended	12/31/2019	12/31/2018	12/31/2017	12/31/2016	12/31/2015		
Cash Flows from Operating Activities:		A400.000	(40.00.000)	4070.000	(40.554.000)		
Net income	\$99,000	\$429,000	(\$262,000)		(\$3,554,000)		
Depreciation/depletion Deferred taxes	471,000	•	544,000				
Non-cash Items	n/a	n/a	n/a	, , ,			
	112,000	(254,000)	-				
Changes in working capital	(6,000)	(216,000)	,	, , ,			
Total cash from operating activities Cash Flows from Investing Activities:	676,000	461,000	248,000	130,000	403,000		
Capital expenditures	(455,000)	(690,000)	(371,000)	(75,000)	(401,000)		
Other investing cash flow items,	(435,000)	(466,000)	58,000				
total	01,000	(400,000)	30,000	14,000	(330,000)		
Total cash from investing activities	(394,000)	(1,156,000)	(313,000)	(61,000)	(757,000)		
Cash Flows from Financing Activities:		`,,,,	` , ,	` , ,	` ' '		
Financing cash flow items	(107,000)	660,000	49,000	(51,000)	0		
Total cash dividends paid	n/a	n/a	n/a	n/a	(12,000)		
Issuance/retirement of stock, net	4,000	54,000	n/a	4,000			
Issuance/retirement of debt, net	(179,000)	(22,000)	24,000	(22,000)	356,000		
Total cash from financing activities	(282,000)	692,000	73,000	(69,000)	352,000		
Net change in cash	0	(3,000)	8,000	0	(2,000)		
Net cash-beginning balance	17,000	20,000	12,000	12,000	14,000		
Net cash-ending balance	\$17,000	\$17,000	\$20,000	\$12,000	\$12,000		
Supplemental Disclosures:							
Cash interest paid	\$425,000	\$433,000	\$393,000	\$382,000	n/a		
Auditor/Opinion:	KPMG LLP	KPMG LLP	KPMG LLP	KPMG LLP	KPMG LLP		
	Unqualified with Explanation	•	Unqualified	Unqualified			
Source:	10-K	10-K	10-K	10-K	10-K		
	2/26/2020	2/27/2019	2/27/2018	2/24/2017	3/1/2016		

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 two-part: 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

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

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