

# Creditrisk HALCÓN RESOURCES CORPORATION RANKRIIDTOV CASE STUDY

FILED ON 08/07/2019



CreditRiskMonitor's warning of Halcón Resources Corporation ("Halcón") 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 Halcón Resources Corporation (OTC: HKRSQ) for more than a year.

The company ultimately filed for bankruptcy on August 7, 2019

	2018							2019				
Business Name	S	0	N	D	J	F	M	A	M	J	J	A
Halcon Resources Corporation	4	3	3	2	1	1	2	2	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.

	FRISK	From	ptcy within 12 months
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.

<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

## Crowdsourced CreditRiskMonitor Usage Data

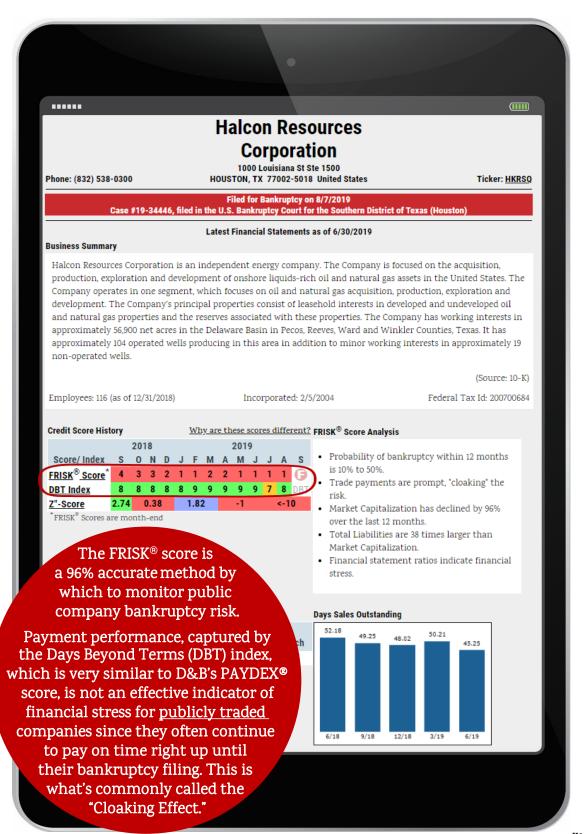
<u>Crowdsourcing</u> has enhanced the accuracy and timeliness of the FRISK® score. We collect and analyze data patterns from thousands of CreditRiskMonitor subscribers, including professionals from more than 35% of the Fortune 1000 and other large corporations worldwide.

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

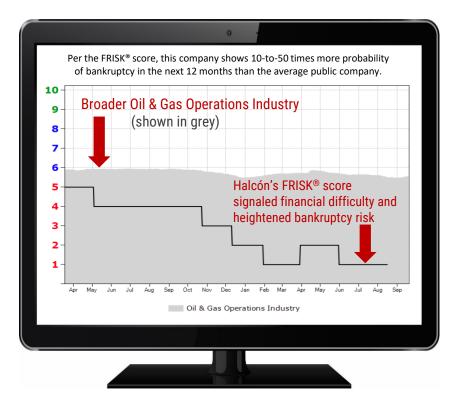
- Credit managers control one of the largest sources of working capital going into a company
- They are not held to the same "Fair Disclosure" restrictions that prevent nondisclosed information sharing on public companies
- Credit managers use a variety of non-public information sources such as their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



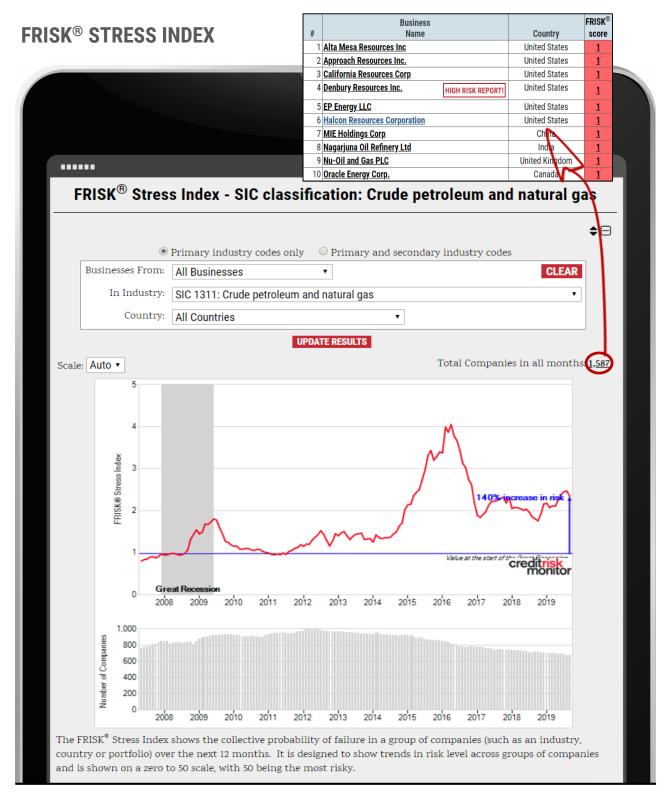
The FRISK® score relative to the broader Oil & Gas operations industry raised an additional red flag signaling heightened risk relative to peers, as well...

MAKING IMMEDIATE ATTENTION REQUIRED.

## ADJUSTED MARKET CAP VOLATILITY

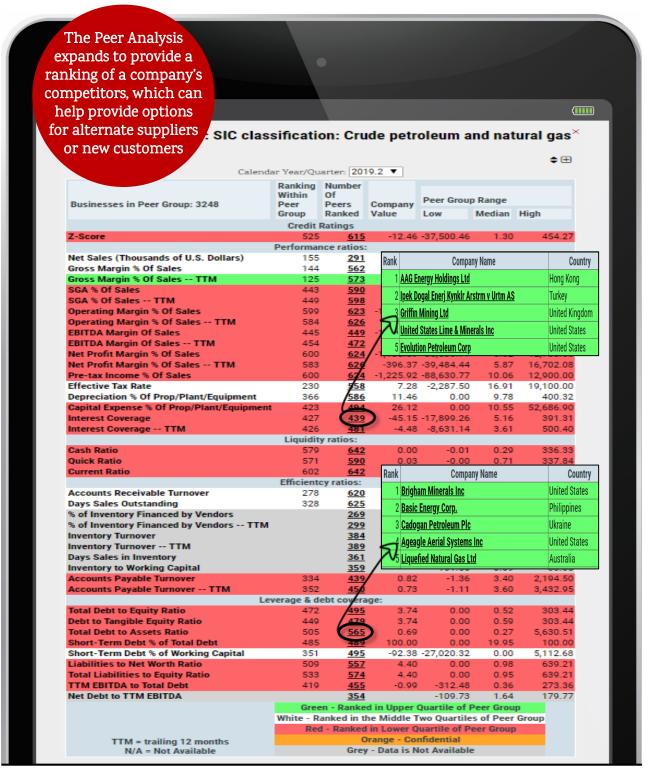


One of the inputs of the FRISK® score is a company's market cap volatility, adjusted for dividends, over the course of a year. Incorporating this information allows us to capture the "wisdom of markets" on a daily basis. This ensures our subscribers are getting the most up to date view of the risks they 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 140% since 2007. Halcón was among the weakest names in the industry as evidenced by its FRISK® score of 1.

## PEER ANALYSIS ON ALTERNATE SUPPLIERS AND CUSTOMERS



Halcón demonstrated bottom quartile ranking in key financial ratios (shown in red) versus its industry peers.

## **QUARTERLY PERFORMANCE RATIOS**

Recurring operating & net losses

Interest coverage ratio turns negative; negative free cash flow

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

	(Thousands	or o.s. Donars)			
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
Net Sales \$	\$56,378	\$51,916	\$60,344	\$61,595	\$55,415
% change	8.59%	-13.97%	-2.03%	11.15%	12.51%
Gross Margin \$	\$41,537	\$35,084	\$46,994	\$54,842	\$48,145
% change	18.39%	-25.34%	-14.31%	13.91%	12.02%
% of sales	73.68%	67.58%	77.88%	89.04%	86.88%
change as % of incremental sales	144.62%	n/m	n/m	108.37%	83.86%
SG&A \$	\$15,827	\$7,501	\$15,835	\$23,288	\$17,481
% change	111.00%	-52.63%	-32.00%	33.22%	-4.16%
% of sales	28.07%	14.45%	26.24%	37.81%	31.55%
change as % of incremental sales	186.60%	n/m	n/m	93.96%	-12.31%
Operating margin \$	(\$693,690)	(\$304,656)	\$95,724	(\$8,491)	\$6,360
% change	-127.70%	-418.27%	1,227.36%	-233.51%	537.72%
% of sales	-1,230.43%	-586.82%	158.63%	-13.79%	11.48%
change as % of incremental sales	-8,718.83%	n/m	n/m	-240.31%	126.83%
EBITDA \$	(\$653,265)	(\$274,681)	\$120,854	\$11,819	\$22,456
% change	-137.83%	-327.28%	922.54%	-47.37%	54.46%
% of sales	-1,158.72%	-529.09%	200.28%	19.19%	40.52%
change as % of incremental sales	-8,484.63%	n/m	n/m	-172.12%	128.54%
EBIT \$	(\$693,690)	(\$304,656)	\$95,724	(\$8,491)	\$6,360
% change	-127.70%	-418.27%	1,227.36%	-233.51%	537.72%
% of sales	-1,230.43%	-586.82%	158.63%	-13.79%	11.48%
change as % of incremental sales	-8,718.83%	n/m	n/m	-240.31%	126.83%
Pre-tax income \$	(\$691,150)	(\$382,044)	\$242,459	(\$81,837)	(\$16,274)
% change	-80.91%	-257.57%	396.27%	-402.87%	-526.40%
% of sales	-1,225.92%	-735.89%	401.79%	-132.86%	-29.37%
change as % of incremental sales	-6,927.52%	n/m	n/m	-1,060.89%	-222.01%
Net income (loss) \$	(\$640,844)	(\$336,559)	\$146,668	(\$81,837)	(\$16,274)
% change	-90.41%	-329.47%	279.22%	-402.87%	-526.40%
% of sales	-1,136.69%	-648.28%	243.05%	-132.86%	-29.37%
change as % of incremental sales	-6,819.48%	n/m	n/m	-1,060.89%	-222.01%
Tax expense \$	(\$50,306)	(\$45,485)	\$95,791	\$0	\$0
Effective tax rate	7.28%	11.91%	39.51%	0.00%	0.00%
Depreciation expense \$ % of sales	\$40,425	\$29,975	\$25,130	\$20,310	\$16,096
	71.70% 43.89%	57.74% 26.85%	41.64% 17.45%	32.97% 14.15%	29.05% 11.29%
% of CDPS pot (appropriate)					
% of PP&E, net (annualized)	11.46%	6.56%	5.25%	4.40%	4.01%
Capital expenditures \$	\$92,115	\$111,621 -22,48%	\$143,987	\$143,490	\$142,563
% change % of PP&E, net (annualized)	-17.48% 26.12%		0.35%	0.65% 31.10%	-12.34%
% of Working capital (annualized)	-68.84%	24.43% -406.63%	30.06% -676.12%	-645.08%	35.55% 403.09%
Interest coverage ratio	(45.15)	(3.55)	-0/0.12% <b>9.67</b>	0.16	0.96
% change	-1.171.94%	-136.69%	5,904.78%	-83.26%	-36,44%
Free cash flow \$	(\$82,179)	(\$148,455)	(\$113,541)	(\$150,359)	(\$86,403)
% change	44.64%	-30.75%	24.49%	-74.02%	50,69%
Source:	77.07/0				
	10-0	10-0	10-K	10-0	10-0
Source.	10-Q 8/9/2019	10-Q 5/9/2019	10-K 3/12/2019	10-Q 11/8/2018	10-Q 8/1/2018

## **QUARTERLY LEVERAGE RATIOS**

Total debt
in relation to
tangible net worth
has increased
significantly,
indicating
heightened risk

Creditors' degree of protection from loss declines as the total debt to assets ratio worsens

# 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 \$	\$801,887	\$718,493	\$613,105	\$667,726	\$612,353		
% change	11.61%	17.19%	-8.18%	9.04%	0.05%		
Stockholders' equity \$	\$214,157	\$853,663	\$1,197,044	\$1,046,450	\$1,122,883		
% change	-74.91%	-28.69%	14.39%	-6.81%	-1.00%		
Total debt to equity ratio	3.74	0.84	0.51	0.64	0.55		
% change	344.86%	64.33%	-19.73%	17.02%	1.06%		
Tangible net worth \$	\$214,157	\$853,663	\$1,197,044	\$1,046,450	\$1,122,883		
% change	-74.91%	-28.69%	14.39%	-6.81%	-1.00%		
Total debt to tangible net worth	3.74	0.84	0.51	0.64	0.55		
% change	344.86%	64.33%	-19.73%	17.02%	1.06%		
Total assets \$	\$1,155,473	\$1,798,838	\$2,083,609	\$1,986,300	\$1,951,809		
% change	-35.77%	-13.67%	4.90%	1.77%	2.83%		
Total debt to assets ratio	0.69	0.40	0.29	0.34	0.31		
% change	73.76%	35.71%	-12.46%	7.17%	-2.73%		
Tangible assets \$	\$1,155,473	\$1,798,838	\$2,083,609	\$1,986,300	\$1,951,809		
% change	-35.77%	-13.67%	4.90%	1.77%	2.83%		
Short-term debt \$	\$801,887	\$105,000	n/a	n/a	n/a		
% change	663.70%	n/a	n/a	n/a	n/a		
Short-term debt % of total debt	100.00%	14.61%	n/a	n/a	n/a		
% change	584.28%	n/a	n/a	n/a	n/a		
Short-term debt % of working capital	-92.38%	-51.85%	n/a	n/a	n/a		
% change	-78.17%	n/a	n/a	n/a	n/a		
Total liabilities \$	\$941,316	\$945,175	\$886,565	\$939,850	\$828,926		
% change	-0.41%	6.61%	-5.67%	13.38%	8.52%		
Total liabilities to equity ratio	4.40	1.11	0.74	0.90	0.74		
% change	296.98%	49.50%	-17.54%	21.66%	9.61%		
Total liabilities to tangible net worth rat	io	4	0.74	0.90	0.74		
% change	Duotos	ovenant	-17.54%	21.66%	9.61%		
Total debt to EBITDA ratio (annualized)			1.27	14.12	6.82		
% change	violations, S		1.02%	107.18%	-35.23%		
Source:	Agreemen			10-Q	10-Q		
	reclassified	as currer	nt. 19	11/8/2018	8/1/2018		

Such a drastic jump in short-term debt often precedes a bankruptcy filing.

credit

# **QUARTERLY LIQUIDITY RATIOS AND RATES OF RETURN**

Negative working capital	Liquidity Rati			ca 8	asufficient ash, quick current ratios
Period Ended	(Tho	usands of U.S. Do. 3/31/2019	llars) 12/31/2018	9/30/2018	6/30/2018
Current assets \$	-,,		,,		
% change	\$59,212 -3.65%	\$ <b>61,457</b> -57,51%	\$1 <b>44,652</b> 94.36%	<b>\$74,423</b> -54,73%	\$164,383 -63,28%
% of short-term debt	7.38%	-57.51% 58.53%	94.30% n/a	-54.75% n/a	-03.20% n/a
Current liabilities \$	\$927,235	\$263,970	\$161,742	\$227,702	\$189,054
% change	251.27%	63.20%	-28.97%	20.44%	34.99%
Working capital \$	(\$868,023)	(\$202,513)	(\$17,090)	(\$153,279)	(\$24,671)
% change	-328.63%	-1,084.98%	88.85%	-521.29%	-108.02%
% of sales (annualized)	-384.91%	-97.52%	-7.08%	-62.21%	-11.13%
Cash \$	\$2,238	\$195	\$46,866	\$137	\$95,870
% change	1,047.69%	-99.58%	34,108.76%	-99.86%	-74.91%
% of short-term debt	0.28%	0.19%	n/a	n/a	n/a
Cash ratio	0.00	0.00	0.29	0.00	0.51
% change	242.86%	-99.76%	48,200.00%	-99.88%	-81.41%
Quick assets \$	\$27,446	\$30,900	\$73,298	\$37,222	\$125,276
% change	-11.18%	-57.84%	96.92%	-70.29%	-69.89%
% of short-term debt	3.42%	29.43%	n/a	n/a	n/a
Quick ratio	0.03	0.12	0.45	0.16	0.66
% change	-74.72%	-74.16%	177.19%	-75.32%	-77.69%
Current ratio	0.06	0.23	0.89	0.33	0.87
% change	-72.55%	-73.97%	173.65%	-62.42%	-72.80%
Source:	10-Q 8/9/2019	10-Q 5/9/2019	10-K 3/12/2019	10-Q 11/8/2018	10-Q 8/1/2018

	nte of Return - (Thousan	Sequentia ds of U.S. Dollars			Ш
Period Ended	13 weeks 10/29/2016	13 weeks 7/30/2016	13 weeks 4/30/2016	13 weeks 1/30/2016	13 weeks 10/31/2015
Return on equity	-17.64%	-18.28%	-4.64%	3.17%	-7.57%
% change	3.49%	-293.64%	-246.27%	141.93%	2.26%
Return on net tangible equity	-18.89%	-19.33%	-4.90%	3.35%	-7.97%
% change	2.27%	-294.69%	-246.09%	142.09%	1.92%
Return on total assets	-1.86%	-2.56%	-0.70%	0.42%	-1.02%
% change	27.25%	-263.96%	-268.34%	140.83%	17.41%
Return on tangible assets	-1.87%	-2.58%	-0.71%	0.42%	-1.03%
% change	27.29%	-263.86%	-268.52%	140.83%	17.46%
Source:	10-Q 12/8/2016	10-Q 9/8/2016	10-Q 6/8/2016	10-K 4/1/2016	10-Q 12/10/2015

## YEAR-OVER-YEAR STATEMENT OF CASH FLOWS

Negative cash from operating activities

## Statement of Cash Flows - Year-over-Year - Standardized - Year to Date

(Thousands of U.S. Dollars)

	(1110 dod11d0 01	o.o. Donaro,			
Period Ended	6 mos 6/30/2019	6 mos 6/30/2018	6 mos 6/30/2017	6 mos 6/30/2016	6 mos 6/30/2015
Cash Flows from Operating Activities:					
Net income	(\$977,403)	(\$18,872)	\$209,529	(\$914,302)	(\$1,676,253)
Depreciation/depletion	70,400	32,087	64,848	94,937	220,338
Deferred taxes	(95,791)	n/a	n/a	n/a	n/a
Non-cash Items	996,105	41,426	(201,462)	914,518	1,664,040
Changes in working capital	(20,209)	(11,063)	49,728	47,590	9,405
Total cash from operating activities	(26,898)	43,578	122,643	142,743	217,530
Cash Flows from Investing Activities:					
Capital expenditures	(203,736)	(305,203)	(134,945)	(171,144)	(415,229)
Other investing cash flow items, total	(1,567)	(329,068)	(445,082)	(233)	3,012
Total cash from investing activities	(205,303)	(634,271)	(580,027)	(171,377)	(412,217)
Cash Flows from Financing Activities:					
Financing cash flow items	(427)	(6,988)	(28,757)	(1,571)	(21,407)
Issuance/retirement of stock, net	0	63,480	400,055	n/a	15,354
Issuance/retirement of debt, net	188,000	206,000	86,083	29,352	167,000
Total cash from financing activities	187,573	262,492	457,381	27,781	160,947
Net change in cash	(44,628)	(328,201)	(3)	(853)	(33,740)
Net cash-beginning balance	46,866	424,071	24	8,026	43,713
Net cash-ending balance	\$2,238	\$95,870	\$21	\$7,173	\$9,973
Source:	10-Q 8/9/2019	10-Q 8/1/2018	10-Q 8/3/2017	10-Q 7/28/2016	10-Q 7/31/2015

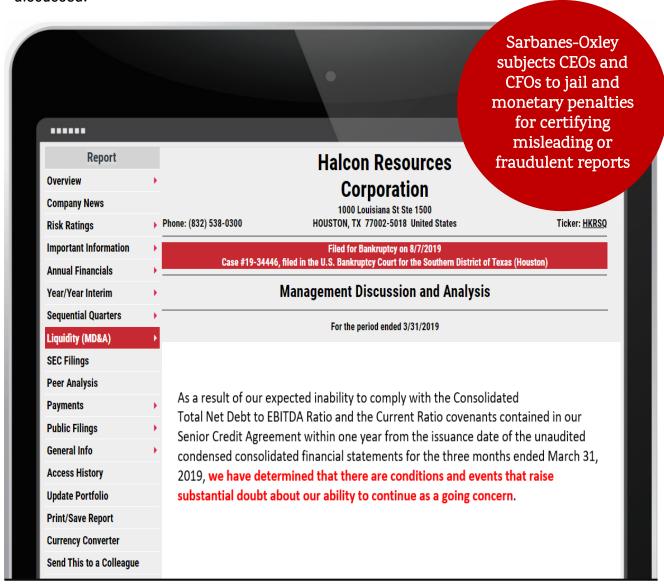
## **NEWS ALERTS: A TIMELINE OF CONCERNING NEWS ITEMS**

Q2 2018 net income decreased to negative \$16.3 million compared with net income of \$20.2 million for the same period last year. Net income for the year-to-date period decreased to negative \$18.9 million compared with net income of \$209.5 million for the equivalent 6 months last year. 8/3/2018 CRMZ News Service Halcon Resources Corp -- updated financials available Q3 2018 net income decreased to negative \$81.8 million compared with net income of \$419.3 million for the same period last year. Net income for the year-to-date period decreased to negative \$100.7 million compared with net income of \$628.8 million for the equivalent 9 months last year. 11/9/2018 CRMZ News Service Halcon Resources Corp - updated financials available Citing Halcón Resources Corporation's weak liquidity and significant capital needed to grow its small asset base, Moody's Investors Service changed its rating outlook for the Company to negative from stable. 1/24/2019 **CRMZ News Service** Halcon Resources Corp -- updated Moody's rating available One of Halcón's largest shareholders issued a public letter calling for the Company to immediately appoint two independent directors to lead a process to sell for cash and/or stock the entire Company and to cut its excessive corporate overhead. 2/4/2019 PR Newswire Fir Tree Calls for Sale of Halcón and Appointment of Two Independent Directors Halcón announced management and board changes, including the departure of Chief Executive Officer, President, and Director Floyd C. Wilson. 2/21/2019 GlobeNewswire Halcón Resources Announces Leadership Changes Working capital at 12/31/2018 of negative \$17.1 million decreased from the prior year end's balance of \$321.5 million. 3/16/2019 CRMZ News Service Halcon Resources Corp -- updated financials available Q1 2019 net income for the period was negative \$336.6 million compared with net income of negative \$2.6 million for the same period last year. 5/14/2019 **CRMZ News Service** Halcon Resources Corp - updated financials available Halcón's rating was downgraded by Moody's reflecting its elevated risk of a debt restructuring or distressed exchange while the Company evaluated strategic and financial alternatives. 5/30/2019 CRM7 News Service Halcon Resources Corp -- updated Moody's rating available Halcón was notified by the New York Stock Exchange that, due to "abnormally low" trading price levels, the NYSE had determined to commence delisting proceedings to delist its common stock and warrants exercisable for common stock. Trading in the Company's securities was suspended on 7/22/19. Halcón Announces Suspension of Trading and Commencement of NYSE Delisting 7/23/2019 GlobeNewswire Halcón entered into a Restructuring Support Agreement with certain holders of its 6.75% Senior Unsecured Notes due 2025 with the intent of achieving a comprehensive restructuring of the Company's balance sheet to be implemented through the commencement of chapter 11 cases. 8/2/2019 GlobeNewswire Halcón Enters into Restructuring Support Agreement with Unsecured Noteholders Halcón Resources Corporation filed for bankruptcy. 8/7/2019 CRMZ News Service Halcon Resources Corp: Chapter 11 Petition filed on 8/7/2019

#### 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.

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