UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): March 23, 2016

REX AMERICAN RESOURCES CORPORATION (Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation) 001-09097 (Commission File No.) 31-1095548 (IRS Employer Identification No.)

7720 Paragon Road Dayton, Ohio (Address of principal executive offices)

45459 (Zip Code)

Registrant's telephone number, including area code: (937) 276-3931

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 2.02. Results of Operations and Financial Condition

On March 23, 2016, REX American Resources Corporation issued a press release announcing financial results for the three month and twelve month periods ended January 31, 2016. The press release is furnished as Exhibit 99 to this report.

Item 9.01. Financial Statements and Exhibits

- (c) Exhibits. The following exhibits are furnished with this report:
 - 99 Press Release dated March 23, 2016

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Date: March 23, 2016

REX AMERICAN RESOURCES CORPORATION

By: /s/ DOUGLAS L. BRUGGEMAN

Name: Douglas L. Bruggeman Title: Vice President - Finance, Chief Financial Officer and Treasurer



News Announcement For Immediate Release

REX AMERICAN RESOURCES REPORTS FOURTH QUARTER DILUTED EPS OF \$0.54 AND FULL YEAR DILUTED EPS OF \$4.30

Dayton, Ohio, (March 23, 2016) -- REX American Resources Corporation (NYSE: REX) today reported financial results for its fiscal 2015 fourth quarter ("Q4 '15") and year ended January 31, 2016. REX management will host a conference call and webcast today at 11:00 a.m. ET.

Conference Call: (212) 231-2930

Webcast / Replay URL: www.rexamerican.com/Corp/Page4.aspx

The webcast will be available for replay for 30 days

REX American Resources' Q4 '15 results principally reflect its interests in six ethanol production facilities. The operations of One Earth Energy, LLC ("One Earth") and NuGen Energy, LLC ("NuGen") are consolidated, while those of its four remaining plants are reported as equity in income of unconsolidated ethanol affiliates. During the fiscal 2015 second quarter the Company recorded a \$10.4 million pre-tax gain related to the June 2015 sale of its 26.6% interest in Patriot Holdings, LLC ("Patriot"). As such, subsequent to June 1, 2015, equity in income of unconsolidated ethanol affiliates includes contributions from four ethanol production facilities, compared with five in the comparable year-ago period.

REX's Q4 '15 net sales and revenue were \$107.2 million, compared with \$127.7 million in Q4 '14. Primarily reflecting tightening ethanol crush spread margins, the Company's Q4 '15 gross profit was \$9.2 million compared with \$30.0 million in the prior year period. Equity in income of unconsolidated ethanol affiliates in Q4 '15 was \$1.1 million, compared with \$7.9 million in Q4 '14 primarily as a result of the same industry and pricing factors that impacted REX's consolidated ethanol production facilities as well as the inclusion in the year-ago period of \$4.1 million from the Company's interest in Patriot (which was sold in Q2' 15). As a result, income from continuing operations before income taxes and non-controlling interests in Q4 '15 totaled \$6.2 million, compared with \$33.4 million in Q4 '14.

Net income attributable to REX shareholders in Q4 '15 was \$3.7 million, compared to \$20.3 million in Q4 '14, while Q4 '15 diluted net income per share attributable to REX common shareholders was \$0.54 per share, compared to \$2.55 per share in Q4 '14. Per share results in Q4 '15 and Q4 '14 are based on 6,832,000 and 7,968,000 diluted weighted average shares outstanding, respectively.

Net sales and revenue for the twelve months ended January 31, 2016 were \$436.5 million, compared to \$572.2 million in fiscal 2014, while gross profit for fiscal 2015 was \$50.8 million, compared to \$141.9 million in fiscal 2014. Fiscal 2015 equity in income of unconsolidated ethanol affiliates was \$9.0 million, compared with \$32.2 million in fiscal 2014, partially reflecting the sale during fiscal 2015 of REX's interest in Patriot.

In fiscal 2015 Patriot contributed \$2.9 million in income of unconsolidated ethanol affiliates compared with \$14.0 million in fiscal 2014. As a result, fiscal 2015 income from continuing operations before income taxes and non-controlling interests was \$51.5 million (inclusive of the \$10.4 million pre-tax gain related to the sale during the year of the Company's interest in Patriot), compared with \$152.8 million in fiscal 2014.

For fiscal 2015, REX reported net income attributable to REX shareholders of \$31.4 million, compared with \$87.3 million in fiscal 2014, while diluted net income per share attributable to REX common shareholders was \$4.30 in fiscal 2015, compared to \$10.76 per share in fiscal 2014. Per share results for the fiscal year ended January 31, 2016 and January 31, 2015, are based on 7,307,000 and 8,118,000 diluted weighted average shares outstanding, respectively.

REX Executive Chairman, Stuart Rose, commented, "Fiscal 2015 presented a challenging operating environment for the entire ethanol sector compared to the prior year as profitability was significantly impacted by lower crush spread margins. Despite these challenges, we are pleased to report diluted earnings per share of \$4.30 for fiscal 2015 including a gain from the sale of our interest in Patriot. In addition we returned approximately \$70 million to shareholders through the repurchase of approximately 1.25 million shares during the course of the year."

Balance Sheet and Share Repurchase Program

At January 31, 2016, REX had cash and cash equivalents of \$135.8 million, \$57.2 million, of which was at the parent company, and \$78.6 million of which was at its consolidated ethanol production facilities. This compares with cash and cash equivalents at January 31, 2015, of \$137.7 million, \$82.9 million of which was at the parent company, and \$54.8 million of which was at its consolidated ethanol production facilities.

REX repurchased 209,571 common shares in Q4 '15 at an average price per share of \$48.16, bringing the total shares repurchased in fiscal 2015 to 1,254,344 common shares at an average price per share of \$55.97. Subsequent to January 31, 2016, the Company repurchased an additional 87,904 common shares at an average price per share of \$49.52 and reflecting this activity, the Company is currently authorized to repurchase up to an additional 155,334 shares of common stock and has 6,560,527 shares outstanding.

The following table summarizes select data related to the Company's consolidated alternative energy interests:

	Three Months Ended January 31,			Twelve Months Ended January 31,			
	2016		2015		2016		2015
Average selling price per gallon of ethanol	\$ 1.39	\$	1.81	\$	1.44	\$	2.00
Average selling price per ton of dried distillers grains	\$ 123.21	\$	117.08	\$	145.50	\$	166.00
Average selling price per pound of non-food grade corn oil	\$ 0.23	\$	0.28	\$	0.26	\$	0.32
Average selling price per ton of modified distillers grains	\$ 57.67	\$	57.51	\$	66.17	\$	63.47
Average cost per bushel of grain	\$ 3.56	\$	3.54	\$	3.62	\$	3.99
Average cost of natural gas (per mmbtu)	\$ 3.38	\$	5.22	\$	3.71	\$	6.10

Supplemental Data Related to REX's Alternative Energy Interests:

REX American Resources Corporation Ethanol Ownership Interests/Effective Annual Gallons Shipped as of January 31, 2016 (gallons in millions)

Entity	Trailing Twelve Months Gallons Shipped	Current REX Ownership Interest	REX's Current Effective Ownership of Trailing Twelve Month Gallons Shipped
One Earth Energy, LLC (Gibson City, IL)	113.5	74.7 [%]	84.8
NuGen Energy, LLC (Marion, SD)	118.5	99.5%	117.9
Big River Resources West Burlington, LLC (West Burlington, IA)	106.2	9.7%	10.3
Big River Resources Galva, LLC (Galva, IL)	118.1	9.7%	11.5
Big River United Energy, LLC (Dyersville, IA)	123.5	5.4%	6.7
Big River Resources Boyceville, LLC (Boyceville, WI)	57.7	9.7%	5.6
Total	637.5	n/a	236.8

About REX American Resources Corporation

REX American Resources has interests in six ethanol production facilities, which in aggregate shipped approximately 638 million gallons of ethanol over the twelve month period ended January 31, 2016. REX's effective ownership of the trailing twelve month gallons shipped (for the twelve months ended January 31, 2016) by the ethanol production facilities in which it has ownership interests was approximately 237 million gallons. Further information about REX is available at www.rexamerican.com.

This news announcement contains or may contain forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Such statements can be identified by use of forward-looking terminology such as "may," "expect," "believe," "estimate," "anticipate" or "continue" or the negative thereof or other variations thereon or comparable terminology. Readers are cautioned that there are risks and uncertainties that could cause actual events or results to differ materially from those referred to in such forward-looking statements. These risks and uncertainties include the risk factors set forth from time to time in the Company's filings with the Securities and Exchange Commission and include among other things: the impact of legislative changes, the price volatility and availability of corn, dried and modified distillers grains, ethanol, corn oil, gasoline and natural gas, ethanol plants operating efficiently and according to forecasts and projections, changes in the international, national or regional economies, weather, the effects of terrorism or acts of war and the impact of Internal Revenue Service audits. The Company does not intend to update publicly any forward-looking statements except as required by law

Contact:

Douglas Bruggeman Chief Financial Officer (937) 276-3931 Joseph Jaffoni, Norberto Aja JCIR (212) 835-8500 rex@jcir.com

- statements of operations follow -

REX AMERICAN RESOURCES CORPORATION AND SUBSIDIARIES Consolidated Statements of Operations (in thousands, except per share amounts) Unaudited

	Three M End Janua 2016	led	Twelve Months Ended January 31, 2016 2015			
Net sales and revenue	\$ 107,227	\$ 127,651	\$436,488	\$572,230		
Cost of sales	98,069	97,677	385,654	430,291		
Gross profit	9,158	29,974	50.834	141.939		
Selling, general and administrative expenses	(4,184)	(4,058)	(19,813)	(19,422)		
Equity in income of unconsolidated ethanol affiliates	1,127	7,907	8,984	32,229		
Interest and other income	101	113	625	368		
Interest expense		(338)	_	(2,074)		
Gain on sale of investment	_	_	10,385	(_,; , ,		
Gain (loss) on disposal of real estate and property and equipment, net	7	(230)	503	(238)		
Income from continuing operations before income taxes and non-controlling						
interests	6,209	33,368	51,518	152,802		
Provision for income taxes	(1,382)	(9,616)	(14,108)	(49,649)		
Income from continuing operations including non-controlling interests	4,827	23,752	37,410	103,153		
Income from discontinued operations, net of tax	_	256	_	234		
Gain on disposal of discontinued operations, net of tax		199	_	327		
Net income including non-controlling interests	4,827	24,207	37,410	103,714		
Net income attributable to non-controlling interests	(1,141)	(3,859)	(5,974)	(16,377)		
Net income attributable to REX common shareholders	\$ 3,686	\$ 20,348	\$ 31,436	\$ 87,337		
Weighted average shares outstanding – basic	6,813	7,968	7,297	8,109		
Basic income per share from continuing operations	\$ 0.54	\$ 2.50	\$ 4.31	\$ 10.70		
Basic income per share from discontinued operations	_	0.03	_	0.03		
Basic income per share on disposal of discontinued operations	_	0.02	_	0.04		
Basic net income per share attributable to REX common shareholders	\$ 0.54	\$ 2.55	\$ 4.31	\$ 10.77		
Weighted average shares outstanding – diluted	6,832	7,968	7,307	8,118		
Diluted income per share from continuing operations	\$ 0.54	\$ 2.50	\$ 4.30	\$ 10.69		
Diluted income per share from discontinued operations	_	0.03	_	0.03		
Diluted income per share on disposal of discontinued operations	_	0.02	_	0.04		
Diluted net income per share attributable to REX common shareholders	\$ 0.54	\$ 2.55	\$ 4.30	\$ 10.76		
Amounts attributable to REX common shareholders:			<u> </u>			
Income from continuing operations, net of tax	\$ 3,686	\$ 19,893	\$ 31,436	\$ 86,776		
Income from discontinued operations, net of tax		455		561		
Net income	\$ 3,686	\$ 20,348	\$ 31,436	\$ 87,337		
	- 0,000	+ 20,010	- 01,100	\$ 01,001		

⁻ balance sheets follow -

REX AMERICAN RESOURCES CORPORATION AND SUBSIDIARIES Consolidated Balance Sheets (in thousands) Unaudited

	January 31,			
		2016		2015
CURRENT ASSETS:				
Cash and cash equivalents	\$	135,765	\$	137,697
Restricted cash		54		_
Accounts receivable		13,666		8,794
Inventory		17,178		18,062
Refundable income taxes		5,254		3,019
Prepaid expenses and other		6,407		5,810
Deferred taxes-net		1,036		2,363
Total current assets		179,360		175,745
Property and equipment-net		189,976		194,447
Other assets		6,642		6,366
Equity method investments		38,707		80,389
TOTAL ASSETS	\$	414,685	\$	456,947
LIABILITIES AND EQUITY				
CURRENT LIABILITIES:				
Accounts payable – trade	\$	10,212	\$	9,210
Accrued expenses and other current liabilities		9,423		10,347
Total current liabilities		19,635		19,557
LONG TERM LIABILITIES:				
Deferred taxes		38,304		42,768
Other long term liabilities		987		1,658
Total long term liabilities		39,291		44,426
COMMITMENTS AND CONTINGENCIES			·	
EQUITY:				
REX shareholders' equity:				
Common stock, 45,000 shares authorized, 29,853 shares issued at par		299		299
Paid in capital		144,844		144,791
Retained earnings		475,874		444,438
Treasury stock, 23,205 and 21,954 shares, respectively		(309,754)		(239,557)
Total REX shareholders' equity		311,263		349,971
Non-controlling interests		44,496		42,993
Total equity		355,759		392,964
TOTAL LIABILITIES AND EQUITY	\$	414,685	\$	456,947

⁻ statements of cash flows follow -

REX AMERICAN RESOURCES CORPORATION AND SUBSIDIARIES Consolidated Statements of Cash Flows (in thousands) Unaudited

	Years Ended Ja 2016		d Janu	anuary 31, 2015	
CASH FLOWS FROM OPERATING ACTIVITIES:					
Net income	\$	37,410	\$	103,714	
Adjustments to reconcile net income to net cash provided by operating activities:					
Depreciation and amortization		18,639		16,787	
Impairment charges on real estate		125		68	
Stock based compensation expense		64			
Income from equity method investments		(8,984)		(32,229)	
Dividends received from equity method investments		11,151		22,889	
Gain on sale of investment		(10,385)		-	
Derivative financial instruments		<u> </u>		(1,141)	
Gain on disposal of real estate and property and equipment		(503)		(275)	
Deferred income tax		(4,196)		22,473	
Excess tax benefit from stock option exercise		_		(441)	
Changes in assets and liabilities:		(100)		7.000	
Accounts receivable		(496)		7,692	
Inventory		884		1,308	
Prepaid expenses and other assets		(1,135)		(1,929)	
Income taxes refundable		(2,235)		(1,985)	
Accounts payable-trade		387		2,030	
Accrued expenses and other liabilities		(536)		(1,745)	
Net cash provided by operating activities		40,190		137,216	
CASH FLOWS FROM INVESTING ACTIVITIES:					
Capital expenditures		(15,495)		(9,927)	
Repayment of note receivable		23		6	
Proceeds from sale of investment		45,476			
Proceeds from sale of real estate and property and equipment		2,001		1,778	
Restricted cash		(54)		500	
Restricted investments and deposits		250		323	
Net cash provided by (used in) investing activities		32,201		(7,320)	
CASH FLOWS FROM FINANCING ACTIVITIES:					
Payments of long term debt Loan		_		(75,726)	
Stock options exercised		_		931	
Payments to non-controlling interests holders		(4,471)		(4,856)	
Excess tax benefit from stock option exercises				441	
Treasury stock acquired		(69,852)		(18,138)	
Net cash used in financing activities		(74,323)		(97,348)	
NET (DECREASE) INCREASE IN CASH AND CASH EQUIVALENTS		(1,932)		32,548	
CASH AND CASH EQUIVALENTS-Beginning of year		137,697		105,149	
CASH AND CASH EQUIVALENTS-End of year	\$	135,765	\$	137,697	
Non cash financing activities - Cashless exercise of stock options	\$		\$ \$	100	
Non cash financing activities – Accrued common stock repurchase	\$	356	\$		
Non cash investing activities – Accrued capital expenditures	<u>*</u>	\$ 1,063	\$ \$	804	
· · · · · · · · · · · · · · · · · · ·	_	Φ 1,005			
Non cash investing activities – Loan receivable granted in connection with sale of real estate	\$		\$	475	