

# FOCUSED

ARC RESOURCES LTD



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## CORPORATE PROFILE

ARC Resources Ltd. ("ARC") is a Canadian oil and gas producer committed to delivering strong operational and financial performance and upholding values of operational excellence and responsible development.

With operations in western Canada, ARC's portfolio is made up of resource-rich properties that provide near and long-term investment opportunities.

ARC pays a monthly dividend to shareholders and its common shares trade on the Toronto Stock Exchange under the symbol ARX.

# FINANCIAL AND OPERATING HIGHLIGHTS

	Three Months Ended		
	June 30, 2017	September 30, 2017	September 30, 2016
<b>FINANCIAL</b>			
(Cdn\$ millions, except per share and boe amounts and shares outstanding)			
Net income	124.0	48.5	28.3
Per share <sup>(1)</sup>	0.35	0.14	0.08
Funds from operations <sup>(2)</sup>	169.8	163.8	153.0
Per share <sup>(1)</sup>	0.48	0.46	0.44
Dividends	53.1	53.0	52.9
Per share <sup>(1)</sup>	0.15	0.15	0.15
Capital expenditures, before land and net property acquisitions (dispositions)	151.0	178.4	122.5
Total capital expenditures, including land and net property acquisitions (dispositions)	165.8	255.7	153.8
Net debt outstanding <sup>(3)</sup>	527.4	645.1	1,009.4
Shares outstanding, weighted average diluted	353.8	353.9	352.3
Shares outstanding, end of period	353.4	353.5	352.2
<b>OPERATING</b>			
Production			
Crude oil (bbl/d)	23,813	25,020	29,642
Condensate (bbl/d)	4,253	6,815	3,562
Natural gas (MMcf/d)	483.9	549.6	466.7
NGLs (bbl/d)	4,691	6,091	4,221
Total (boe/d) <sup>(4)</sup>	113,410	129,526	115,205
Average realized prices, prior to risk management contracts			
Crude oil (\$/bbl)	59.78	54.82	52.43
Condensate (\$/bbl)	60.08	54.28	50.81
Natural gas (\$/Mcf)	2.99	2.01	2.35
NGLs (\$/bbl)	26.27	28.37	12.67
Oil equivalent (\$/boe) <sup>(4)</sup>	28.63	23.29	25.03
Operating netback (\$/boe) <sup>(4)(5)</sup>			
Commodity sales	28.63	23.29	25.03
Royalties	(2.76)	(1.85)	(2.16)
Transportation expenses	(2.78)	(2.47)	(2.08)
Operating expenses	(6.65)	(6.33)	(7.37)
Netback prior to gain on risk management contracts	16.44	12.64	13.42
Realized gain on risk management contracts	3.03	3.81	4.67
Netback including gain on risk management contracts	19.47	16.45	18.09
<b>TRADING STATISTICS</b> <sup>(6)</sup>			
High price	19.55	18.31	24.08
Low price	16.23	15.61	20.88
Close price	16.96	17.19	23.73
Average daily volume (thousands)	1,269	1,008	691

(1) Per share amounts (with the exception of dividends) are based on diluted weighted average common shares.

(2) Refer to Note 9 "Capital Management" in ARC's financial statements and to the sections entitled, "Funds from Operations" and "Capitalization, Financial Resources and Liquidity" contained within ARC's MD&A.

(3) Refer to Note 9 "Capital Management" in ARC's financial statements and to the section entitled, "Capitalization, Financial Resources and Liquidity" contained within ARC's MD&A.

(4) ARC has adopted the standard 6 Mcf:1 barrel when converting natural gas to boe. Boe may be misleading, particularly if used in isolation. A boe conversion ratio of 6 Mcf:1 barrel is based on an energy equivalency conversion method primarily applicable at the burner tip and does not represent a value equivalency at the wellhead. Given that the value ratio based on the current price of crude oil as compared to natural gas is significantly different than the energy equivalency of the 6:1 conversion ratio, utilizing the 6:1 conversion ratio may be misleading as an indication of value.

(5) Operating netback does not have a standardized meaning under IFRS. See "Non-GAAP Measures" contained within ARC's MD&A.

(6) Trading prices are stated in Canadian dollars and are based on intra-day trading on the Toronto Stock Exchange.

*"ARC achieved strong financial and operating results in the third quarter of 2017, highlighted by record quarterly production following the early start-up of our Dawson Phase III facility in June," explained Myron Stadnyk, President and CEO. "We continue to sustain our base businesses while advancing future development opportunities. Our Lower Montney appraisal program is producing excellent liquids yields across our asset base, signaling significant long-term development potential, and we are entering into the demonstration stage at Attachie West. The execution of our strategy to produce significant Montney liquids in combination with our natural gas diversification strategy has allowed ARC to realize higher netbacks than the traditional Canadian markets, and our strategy of owning and operating our own infrastructure continues to add value. Our financial risk management program provides an additional layer of cash flow protection, helping to preserve our strong balance sheet and best underpin capital investment in the Montney so that we can create value over the long term."*

## **FINANCIAL AND OPERATING HIGHLIGHTS**

### **Financial Results**

ARC delivered solid financial performance in the third quarter of 2017, recording net income of \$48.5 million (\$0.14 per share) and funds from operations of \$163.8 million (\$0.46 per share). Net income and funds from operations for the nine months ended September 30, 2017 were \$315.0 million (\$0.89 per share) and \$510.8 million (\$1.44 per share), respectively. ARC remains focused on the long-term profitability of our business plan.

ARC's natural gas diversification and financial risk management activities have helped reduce our exposure to ongoing weakness in western Canadian natural gas prices. Third-party infrastructure maintenance and pipeline constraints through the third quarter of 2017 caused natural gas prices to experience significant volatility. ARC continued to actively manage its diversification strategy to minimize ARC's exposure to depressed AECO and Station 2 pricing. ARC's financial risk management program provides additional cash flow protection; realized cash gains recognized on ARC's risk management program were \$45.5 million and \$101.2 million for the three and nine months ended September 30, 2017, respectively. The fair value of ARC's risk management contracts at September 30, 2017 was a net asset of \$257.9 million.

ARC continues to create financial flexibility through its strong balance sheet, with \$645.1 million of net debt outstanding at September 30, 2017. ARC had additional cash and credit capacity of approximately \$1.3 billion at quarter-end, taking into account ARC's working capital surplus. The net debt to annualized funds from operations ratio was 0.9 times and net debt was approximately 10 per cent of ARC's total capitalization at the end of the third quarter of 2017. The proceeds from our 2016 divestments allow us to outspend our cash flow over the course of the next two years and return to target debt levels of between one and 1.5 times annualized funds from operations.

### **Operating Results**

ARC achieved record production of 129,526 boe per day in the third quarter of 2017, with natural gas production of 550 MMcf per day (71 per cent of total production) and crude oil and liquids production of 37,926 barrels per day (29 per cent of total production). Third quarter 2017 average daily production increased 14 per cent relative to the second quarter of 2017, as production at the Dawson Phase III facility was ramped up through the quarter following its early start-up in June, and as new crude oil wells at Tower were brought on production. As a result of proactively securing alternative marketing arrangements, ARC was able to mitigate any potential impact to its production from broad-scale third-party pipeline interruptions in the period. 2017 year-to-date production of 119,408 boe per day was made up of 510 MMcf per day of natural gas and 34,390 barrels per day of crude oil and liquids. Production levels are flat year-over-year primarily due to new production at the Dawson Phase III facility offsetting the 8,800 boe per day of production that was divested in 2016. ARC maintains its full-year 2017 annual production guidance to be in the range of 120,000 to 124,000 boe per day and expects its 2017 exit rate to be in excess of 130,000 boe per day. Fourth quarter 2017 production levels are expected to be similar to the third quarter of 2017.

Capital investment in the third quarter of 2017 was predominantly directed at drilling and completion activities in the Montney, with a continued focus on the Lower Montney horizon. Third quarter 2017 capital expenditures, before land and net property acquisitions and dispositions, of \$178.4 million included the drilling of 28 operated wells (18 crude oil wells and 10 natural gas and liquids-rich natural gas wells). Third quarter 2017 land spending included a \$77 million strategic investment at Attachie West, with the addition of 21 net Montney sections to our land position. 2017 year-to-date capital expenditures, before land and net property acquisitions and dispositions, totaled \$584.6 million, and included 94 wells drilled (54 crude oil wells, 39 natural gas and liquids-rich natural gas wells, and one disposal well).

## 2018 Budget

ARC's Board of Directors has approved a capital budget of \$690 million for 2018 that focuses on long-term profitability and balance sheet strength through the continued development of ARC's Montney crude oil, liquids-rich natural gas, and natural gas assets. Additional details on ARC's 2018 capital program and 2018 guidance can be found in the November 9, 2017 news release entitled, "ARC Resources Ltd. Announces \$690 Million Capital Program for 2018" available on ARC's website at [www.arcresources.com](http://www.arcresources.com) and on SEDAR at [www.sedar.com](http://www.sedar.com).

Through execution of the 2018 capital program, ARC will continue to sustain ARC's base businesses, improving capital and operating efficiencies, and advancing ARC's safety and environmental performance. ARC's deliberate pace of asset development allows for learnings to be applied throughout all stages, and enhances ARC's future development optionality, while remaining committed to long-term value creation and shareholder returns. ARC has the flexibility to fund the 2018 sustaining capital requirements and the dividend with cash on-hand and cash flow generated from ARC's existing businesses, and growth capital in the 2018 budget with the redeployment of proceeds from ARC's fourth quarter 2016 divestments, and additional debt if necessary. ARC will continue to manage conservative debt levels as a priority.

The following economic, financial, and operational reviews provide further details to the above highlights. For additional commentary on ARC's third quarter 2017 financial and operating results as well as ARC's 2018 capital budget, please view the following videos: "Myron's Minute" and "ARC Resources Q3 2017 Review" available on ARC's website at [www.arcresources.com](http://www.arcresources.com).

ARC will be hosting an Investor Day in Calgary, Alberta the morning of November 13, 2017 to provide additional information surrounding ARC's strategy of risk-managed value creation. A live webcast of the event will be available on our website.

## ECONOMIC ENVIRONMENT

ARC's financial and operating results for the three and nine months ended September 30, 2017 were impacted by commodity prices and foreign exchange rates which are outlined in the following table.

Selected Benchmark Prices and Exchange Rates <sup>(1)</sup>	Three Months Ended			Nine Months Ended		
	September 30, 2017	June 30, 2017	% Change	September 30, 2017	September 30, 2016	% Change
WTI crude oil (US\$/bbl)	48.20	48.15	—	49.36	41.53	19
Mixed sweet crude stream price at Edmonton (Cdn\$/bbl)	56.77	61.74	(8)	60.75	50.18	21
NYMEX Henry Hub Last Day Settlement (US\$/MMBtu)	3.00	3.18	(6)	3.17	2.29	38
Chicago Citygate Monthly Index (US\$/MMBtu)	2.84	3.01	(6)	3.08	2.32	33
AECO 7A Monthly Index (Cdn\$/Mcf)	2.04	2.77	(26)	2.58	1.85	39
Cdn\$/US\$ exchange rate	1.25	1.34	(7)	1.31	1.32	(1)

(1) The benchmark prices do not reflect ARC's realized sales prices. For average realized sales prices, refer to the section entitled, "Sales of Crude Oil, Natural Gas, Condensate, NGLs and Other Income" contained within ARC's MD&A. Prices and exchange rates presented above represent averages for the respective periods.

Global crude oil prices remained range-bound in the third quarter of 2017, with the average WTI benchmark price effectively unchanged from the second quarter of 2017. OPEC production levels have stabilized, and US production growth is increasing at a moderated pace compared to prior periods. Temporary disruptions caused by hurricanes in the third quarter of 2017 caused refinery outages, resulting in strong refining margins and a widening of the WTI-Brent differential. This, coupled with strong base demand in the period, helped draw down crude oil inventories and supported the move toward a tighter global supply-demand balance. ARC's crude oil price is primarily referenced to the mixed sweet crude stream price at Edmonton, which decreased eight per cent in the third quarter of 2017 relative to the second quarter of 2017. The differential between WTI and the mixed sweet crude stream price at Edmonton widened to average a discount of US\$2.88 per barrel in the third quarter of 2017, a 29 per cent increase from the second quarter of 2017.

US natural gas prices, referenced by the average NYMEX Henry Hub Last Day Settlement price, decreased six per cent relative to the second quarter of 2017. Lower demand, due to a cooler summer, and rising US production offset increased US exports, putting slight downward pressure on natural gas prices in the third quarter of 2017. ARC's realized natural

gas price is diversified physically and financially to multiple sales points including AECO, Station 2 and Chicago hubs. Western Canadian natural gas prices fluctuated significantly in the third quarter of 2017 with prolonged third-party maintenance causing outages and pipeline restrictions. The AECO hub price decreased 26 per cent in the third quarter of 2017 relative to the second quarter of 2017. Forward AECO differentials widened in the third quarter of 2017 due to increasing concerns of oversupply and infrastructure constraints in the Western Canadian Sedimentary Basin. The NYMEX Henry Hub Last Day Settlement price to AECO basis was US\$1.39 per MMBtu in the third quarter of 2017, an increase of 23 per cent relative to the second quarter of 2017.

The Bank of Canada announced two interest rate increases in the third quarter of 2017, resulting in a strengthened Canadian dollar relative to the US dollar, averaging Cdn\$/US\$1.25 (US\$/Cdn\$0.80).

## **FINANCIAL REVIEW**

### **Net Income**

ARC recorded net income of \$48.5 million (\$0.14 per share) in the third quarter of 2017 compared to net income of \$124.0 million (\$0.35 per share) in the second quarter of 2017. Increased depletion expenses of \$20.5 million resulting from higher production levels, reduced revenue net of royalties of \$11.4 million caused primarily by lower commodity prices, and reduced gains of \$8.5 million on ARC's risk management contracts, served to decrease net income in the third quarter of 2017 relative to the second quarter of 2017. Second quarter 2017 earnings were also higher than the third quarter of 2017 due to a \$75.0 million reversal of a previously-recognized impairment charge. Partially offsetting these decreases to net income was reduced income taxes of \$30.8 million, and increased foreign exchange gains of \$8.0 million.

Net income of \$315.0 million (\$0.89 per share) for the nine months ended September 30, 2017 was \$280.7 million higher than net income for the nine months ended September 30, 2016. Increased realized and unrealized gains of \$173.2 million on ARC's risk management contracts and improved revenue net of royalties of \$139.6 million due to strengthened commodity prices were the most significant drivers in the year-over-year increase to net income. The reversal of a previously-recognized impairment charge of \$75.0 million, reduced DD&A expenses of \$34.2 million, and reduced general and administrative ("G&A") expenses of \$32.2 million driven by decreased expenses recorded on ARC's share-based compensation plans due to a lower share price, also contributed to the increase. These increases to earnings were partially offset by increased income taxes of \$116.9 million resulting primarily from improved commodity prices and reduced tax pools associated with the disposition of certain non-core assets in 2016, and the recognition of a \$53.9 million gain on business combinations in the prior year.

### **Funds from Operations**

ARC's third quarter 2017 funds from operations of \$163.8 million (\$0.46 per share) decreased four per cent from second quarter 2017 funds from operations of \$169.8 million (\$0.48 per share). The most significant drivers in the quarter-over-quarter decrease in funds from operations were lower commodity prices and increased operating expenses. These factors were offset by increased production, higher realized gains on ARC's risk management contracts, and reduced royalty expenses.

Funds from operations of \$510.8 million (\$1.44 per share) for the nine months ended September 30, 2017 were 15 per cent higher than funds from operations for the nine months ended September 30, 2016. Improved commodity prices, reduced G&A expenses driven primarily by lower expenses recorded on ARC's share-based compensation plans, and higher natural gas production increased funds from operations relative to the prior year. These items were partially offset by lower realized gains on ARC's risk management contracts, reduced crude oil production, and higher royalty and transportation expenses. Higher current income taxes and increased realized losses on foreign exchange also served to partially offset the increase in funds from operations year-over-year.

The following table details the change in funds from operations for the third quarter of 2017 relative to the second quarter of 2017 and for the nine months ended September 30, 2017 relative to the nine months ended September 30, 2016.

	Q2 2017 to Q3 2017		2016 YTD to 2017 YTD	
	\$ millions	\$/Share <sup>(2)</sup>	\$ millions	\$/Share <sup>(2)</sup>
Funds from operations for the three months ended June 30, 2017 <sup>(1)</sup>	169.8	0.48		
Funds from operations for the nine months ended September 30, 2016 <sup>(1)</sup>			444.8	1.27
Volume variance				
Crude oil and liquids	26.0	0.07	(79.4)	(0.23)
Natural gas	19.7	0.06	17.0	0.04
Price variance				
Crude oil and liquids	(13.9)	(0.04)	109.3	0.31
Natural gas	(49.6)	(0.14)	103.1	0.29
Other income	—	—	3.7	0.01
Realized gain on risk management contracts	14.2	0.04	(82.0)	(0.23)
Royalties	6.4	0.02	(14.1)	(0.04)
Expenses				
Transportation	(0.9)	—	(12.8)	(0.04)
Operating	(6.8)	(0.02)	1.8	0.01
G&A	1.0	—	34.0	0.10
Interest	0.7	—	3.5	0.01
Current tax	(1.9)	(0.01)	(9.4)	(0.03)
Realized loss on foreign exchange	(0.9)	—	(8.7)	(0.02)
Weighted average shares, diluted	—	—	—	(0.01)
Funds from operations for the three months ended September 30, 2017 <sup>(1)</sup>	163.8	0.46		
Funds from operations for the nine months ended September 30, 2017 <sup>(1)</sup>			510.8	1.44

(1) Refer to Note 9 "Capital Management" in ARC's financial statements and to the sections entitled, "Funds from Operations" and "Capitalization, Financial Resources and Liquidity" contained within ARC's MD&A.

(2) Per share amounts are based on diluted weighted average common shares.

## Operating Netbacks

ARC's third quarter 2017 operating netback, prior to gains on risk management contracts, of \$12.64 per boe decreased 23 per cent relative to the second quarter of 2017, and ARC's third quarter 2017 operating netback, including gains on risk management contracts, of \$16.45 per boe decreased 16 per cent relative to the second quarter of 2017. Lower operating netbacks were predominantly due to weaker natural gas prices.

ARC's 2017 year-to-date operating netback, prior to gains on risk management contracts, of \$15.55 per boe increased 33 per cent from the prior year, and ARC's 2017 year-to-date operating netback, including gains on risk management contracts, of \$18.65 per boe increased eight per cent relative to the prior year. Higher operating netbacks were largely due to strengthened crude oil and natural gas prices.

ARC's third quarter 2017 total corporate royalty rate of 8.0 per cent (\$1.85 per boe) decreased from 9.6 per cent (\$2.76 per boe) in the second quarter of 2017, and reflects the effect of lower commodity prices on royalty rates. ARC's 2017 year-to-date total corporate royalty rate of 8.7 per cent (\$2.34 per boe) increased slightly from 8.5 per cent (\$1.91 per boe) during the first nine months of 2016 and reflects the effect of higher commodity prices on royalty rates. Royalty expenses for the three and nine months ended September 30, 2017 on an absolute basis were \$22.1 million and \$76.4 million, respectively.

Third quarter 2017 transportation expenses of \$2.47 per boe decreased 11 per cent from the second quarter of 2017. During the second quarter of 2017, ARC incurred additional gas transportation charges to mitigate the negative impact of third-party pipeline outages to ARC's production. ARC's 2017 year-to-date transportation expenses of \$2.55 per boe increased 19 per cent relative to the prior year primarily as a result of an aggregate increase in tolls for natural gas on third-party pipelines as well as ARC's ongoing strategy to secure additional transportation to ensure ARC's production moves to market. Transportation expenses for the three and nine months ended September 30, 2017 on an absolute basis were \$29.5 million and \$83.1 million, respectively.

Third quarter 2017 operating expenses of \$6.33 per boe were five per cent lower than second quarter 2017 operating expenses of \$6.65 per boe, largely due to new volumes being brought on production at Dawson with lower relative costs to operate, partially offset by an increase in maintenance expenses to perform a five-day planned turnaround at Sunrise. 2017 year-to-date operating expenses of \$6.56 per boe decreased one per cent relative to the first nine months of 2016 and was the result of reduced labour costs, partially offset by increased maintenance and workover activities, in 2017 compared to the prior year. Operating expenses for the three and nine months ended September 30, 2017 on an absolute basis were \$75.4 million and \$213.9 million, respectively.

## **Risk Management**

ARC recorded total cash gains of \$45.5 million and \$101.2 million on its risk management contracts for the three and nine months ended September 30, 2017, respectively.

ARC realized cash gains of \$44.2 million and \$100.9 million on natural gas risk management contracts for the three and nine months ended September 30, 2017, respectively. Approximately 30 per cent of natural gas production was hedged at NYMEX Henry Hub with an average floor price of US\$4.00 per MMBtu during the first nine months of 2017, while market prices averaged US\$3.17 per MMBtu. Approximately 10 per cent of natural gas production was hedged at AECO with an average swap price of Cdn\$2.68 per GJ during the first nine months of 2017, while market prices averaged Cdn\$2.45 per GJ. ARC has hedged approximately 253,000 MMBtu per day of natural gas production for the remainder of 2017 and a portion of natural gas production is hedged for the period 2018 through 2022. ARC's natural gas risk management portfolio also includes AECO basis swap contracts which fix the AECO price received relative to the NYMEX Henry Hub price on a portion of its natural gas volumes for 2017 through 2021, and basis swap contracts which fix other regional sales prices received relative to the NYMEX Henry Hub price on a portion of its natural gas volumes for 2019 through 2022. Details pertaining to ARC's natural gas hedged volumes and prices for the period 2017 through 2022 are outlined in the table that follows.

ARC realized cash gains of \$1.0 million and \$1.3 million on crude oil risk management contracts during the three and nine months ended September 30, 2017, respectively. ARC currently has 14,000 barrels per day of crude oil production hedged with collars and swaps for the remainder of 2017 and has additional crude oil production hedged for 2018 and 2019. ARC's crude oil risk management portfolio also includes MSW basis swap contracts for 2017 and 2018, fixing the discount between WTI and the mixed sweet crude stream price at Edmonton, and WTI sold swaption contracts for 2018. Details pertaining to ARC's crude oil hedged volumes and prices for the period 2017 through 2019 are outlined in the table that follows.

ARC has risk management contracts in place, at levels that support ARC's long-term business plans, to protect prices on a portion of natural gas and crude oil volumes. ARC will continue to take positions in natural gas, crude oil, foreign exchange rates, power and interest rates, as appropriate, to provide greater certainty over future cash flows. For a summary of the average crude oil and natural gas volumes associated with ARC's risk management contracts as at September 30, 2017, see Note 10 *"Financial Instruments and Market Risk Management"* in ARC's financial statements for the three and nine months ended September 30, 2017.



Risk Management Contracts Positions Summary <sup>(1)</sup>												
As at November 9, 2017	Q4 2017		2018		2019		2020		2021		2022	
Crude Oil – WTI <sup>(2)</sup>	US\$/bbl	bbl/day	US\$/bbl	bbl/day	US\$/bbl	bbl/day	US\$/bbl	bbl/day	US\$/bbl	bbl/day	US\$/bbl	bbl/day
Ceiling	56.22	14,000	65.39	4,000	65.63	2,000	—	—	—	—	—	—
<b>Floor</b>	45.71	14,000	50.00	4,000	50.00	2,000	—	—	—	—	—	—
Sold Floor	35.23	11,000	40.00	4,000	40.00	2,000	—	—	—	—	—	—
Sold Swaption <sup>(3)</sup>	—	—	54.00	2,000	—	—	—	—	—	—	—	—
Crude Oil – Cdn\$ WTI <sup>(4)</sup>	Cdn\$/bbl	bbl/day	Cdn\$/bbl	bbl/day	Cdn\$/bbl	bbl/day	Cdn\$/bbl	bbl/day	Cdn\$/bbl	bbl/day	Cdn\$/bbl	bbl/day
Ceiling	—	—	76.25	2,000	—	—	—	—	—	—	—	—
<b>Floor</b>	—	—	65.00	2,000	—	—	—	—	—	—	—	—
Swap	—	—	72.52	6,000	—	—	—	—	—	—	—	—
Total Crude Oil Volumes (bbl/day)	14,000		12,000		2,000		—		—		—	
Crude Oil – MSW (Differential to WTI) <sup>(5)</sup>	US\$/bbl	bbl/day	US\$/bbl	bbl/day	US\$/bbl	bbl/day	US\$/bbl	bbl/day	US\$/bbl	bbl/day	US\$/bbl	bbl/day
Swap	(3.22)	10,000	(3.38)	7,000	—	—	—	—	—	—	—	—
Natural Gas – NYMEX Henry Hub <sup>(6)</sup>	US\$/MMBtu	MMBtu/day	US\$/MMBtu	MMBtu/day	US\$/MMBtu	MMBtu/day	US\$/MMBtu	MMBtu/day	US\$/MMBtu	MMBtu/day	US\$/MMBtu	MMBtu/day
Ceiling	3.37	20,000	3.64	80,000	3.35	80,000	3.32	50,000	3.32	50,000	3.42	5,000
<b>Floor</b>	3.00	20,000	3.00	80,000	2.75	80,000	2.75	50,000	2.75	50,000	2.50	5,000
Sold Floor	—	—	2.50	80,000	2.25	80,000	2.25	50,000	2.25	50,000	—	—
Swap	4.00	145,000	4.00	90,000	4.00	40,000	—	—	—	—	—	—
Natural Gas – AECO <sup>(7)</sup>	Cdn\$/GJ	GJ/day	Cdn\$/GJ	GJ/day	Cdn\$/GJ	GJ/day	Cdn\$/GJ	GJ/day	Cdn\$/GJ	GJ/day	Cdn\$/GJ	GJ/day
Ceiling	—	—	—	—	3.30	10,000	3.60	30,000	—	—	—	—
<b>Floor</b>	—	—	—	—	3.00	10,000	3.08	30,000	—	—	—	—
Swap	2.81	93,261	2.99	44,932	3.16	20,000	3.35	30,000	—	—	—	—
Total Natural Gas Volumes (MMBtu/day)	253,394		212,587		148,435		106,869		50,000		5,000	
Natural Gas – AECO Basis (Percentage of NYMEX)	AECO/ NYMEX	MMBtu/day	AECO/ NYMEX	MMBtu/day	AECO/ NYMEX	MMBtu/day	AECO/ NYMEX	MMBtu/day	AECO/ NYMEX	MMBtu/day	AECO/ NYMEX	MMBtu/day
Sold Swap	89.7	145,000	84.9	90,000	83.7	40,000	—	—	—	—	—	—
Natural Gas – AECO Basis (Differential to NYMEX)	US\$/MMBtu	MMBtu/day	US\$/MMBtu	MMBtu/day	US\$/MMBtu	MMBtu/day	US\$/MMBtu	MMBtu/day	US\$/MMBtu	MMBtu/day	US\$/MMBtu	MMBtu/day
Sold Swap	(0.81)	70,000	(0.85)	88,384	(0.80)	108,384	(0.76)	90,000	(0.94)	30,000	—	—
Bought Swap	(1.19)	(50,000)	—	—	—	—	—	—	—	—	—	—
Total AECO Basis Volumes (MMBtu/day)	165,000		178,384		148,384		90,000		30,000		—	
Natural Gas – Other Basis (Differential to NYMEX) (MMBtu/day) <sup>(8)</sup>	MMBtu/day		MMBtu/day		MMBtu/day		MMBtu/day		MMBtu/day		MMBtu/day	
Sold Swap	—		—		40,000		40,000		40,000		15,000	

(1) The prices and volumes in this table represent averages for several contracts representing different periods. The average price for the portfolio of options listed above does not have the same payoff profile as the individual option contracts. Viewing the average price of a group of options is purely for indicative purposes. All positions are financially settled against the benchmark prices.

(2) Crude oil prices referenced to WTI.

(3) The sold swaption allows the counterparty, at a specified future date, to enter into a swap with ARC at the above-detailed terms. The volumes are not included in the total crude oil volumes until such time that the option is exercised.

(4) Crude oil prices referenced to WTI, multiplied by the WM/Reuters Intra-day Spot Rate as of Noon EST.

(5) MSW differential refers to the discount between WTI and the mixed sweet crude grade at Edmonton, calculated on a monthly weighted average basis in US\$.

(6) Natural gas prices referenced to NYMEX Henry Hub Last Day Settlement.

(7) Natural gas prices referenced to AECO 7A Monthly Index.

(8) ARC has entered into basis swaps at locations other than AECO.

## OPERATIONAL REVIEW

ARC invested \$178.4 million of capital, before land and net property acquisitions and dispositions, in the third quarter of 2017, including drilling 28 operated wells (18 crude oil wells and 10 natural gas and liquids-rich natural gas wells). Capital expenditures in the period were focused on drilling and completion activities across ARC's Montney asset base,

and initial investments for the Sunrise Phase II facility expansion. Capital expenditures, before land and net property acquisitions and dispositions, for the first nine months of 2017 totaled \$584.6 million and included 94 wells drilled (54 crude oil wells, 39 natural gas and liquids-rich natural gas wells, and one disposal well). Nearly 90 per cent of capital investment in the first nine months of 2017 was directed at ARC's low-cost, high-value Montney assets.

Nine Months Ended September 30, 2017		
Area	Wells Drilled	Wells Completed
Dawson	24	25
Sunrise	5	—
Parkland/Tower	29	27
Attachie	2	2
Pouce Coupe	1	3
Ante Creek	17	13
Pembina	15	17
Other	1	—
<b>Total</b>	<b>94</b>	<b>87</b>

Third quarter 2017 production totaled 129,526 boe per day, with natural gas production of 550 MMcf per day (71 per cent of total production) and crude oil and liquids production of 37,926 barrels per day (29 per cent of total production). Third quarter 2017 average daily production was 14 per cent higher than the second quarter of 2017, as production at the Dawson Phase III facility ramped up through the third quarter following the early start-up of the facility in June, and as new crude oil wells at Tower were brought on production. As a result of continuing to proactively secure alternative marketing arrangements, ARC did not experience any volume impact as a result of broad-scale third-party infrastructure maintenance and outages in the period.

2017 year-to-date production of 119,408 boe per day was made up of 510 MMcf per day of natural gas and 34,390 barrels per day of crude oil and liquids. Production levels are flat year-over-year primarily due to new production at the Dawson Phase III facility offsetting the 8,800 boe per day of production that was divested in 2016 as part of ARC's ongoing portfolio rationalization efforts.

ARC currently has a land position of approximately 1,200 net Montney sections, and Montney production represented approximately 90 per cent of corporate production in the third quarter of 2017. Excellent operating and capital efficiencies are supported by ARC owning and operating its own facilities, allowing for greater control over costs, safety performance, and pace of development. ARC continues to optimize well designs and maximize well value, pursue new technologies, and partner with service providers to preserve its low and competitive cost structure. ARC actively monitors market conditions and maintains a marketing strategy that proactively secures takeaway capacity for future development projects, diversifies ARC's sales portfolio, mitigates the impact of third-party infrastructure maintenance and outages, and ensures that production gets to market at optimal pricing.

### Lower Montney

ARC's lands within the Montney fairway have significant development potential in the Lower Montney horizon. This opportunity is currently being appraised across all of ARC's Montney assets as ARC progresses its technical understanding of the zone and works to better understand the economics associated with development.

At Dawson, the Lower Montney horizon has shown high liquids yields that are driving strong economics and indicating significant upside in the area of the field that will be developed to support production at the Dawson Phase III and Dawson Phase IV facilities. During the third quarter of 2017, five wells targeting the Lower Montney horizon were drilled at Dawson, and two wells were completed. One well brought on production in the third quarter of 2017 has averaged approximately 7 MMcf per day of natural gas and 280 barrels per day of free condensate over the first 50 days of production. The well appears to be stabilizing at a condensate-to-gas ratio of 40 barrels per MMcf, similar to other Lower Montney wells nearby. At Pouce Coupe, three wells brought on production in 2017 have garnered encouraging initial production results.

Parkland/Tower has been a focus of ARC's Lower Montney appraisal program, with two Parkland wells completed in the third quarter of 2017. One well was recently brought on production at a restricted rate and has averaged approximately 4.5 MMcf per day of natural gas and approximately 650 barrels per day of free condensate over 80 days. The well is stabilizing at a condensate-to-gas ratio of 100 barrels per MMcf. ARC is encouraged by these results and intends to further delineate the opportunity in 2018. At Sunrise, a five-well development pad was drilled in the second quarter of 2017, piloting dual-layer development in the Lower Montney horizon. Completion operations of this five-well pad are

currently underway. Significant Lower Montney development potential has also been identified at Attachie, where ARC will drill an appraisal well on a multi-well pad in the fourth quarter of 2017.

ARC's 2017 capital program includes the drilling of 21 Lower Montney wells across ARC's Montney acreage. Evaluation and monitoring of production results will be ongoing as ARC optimizes well designs. The long-term growth opportunities from the Lower Montney horizon will provide ARC with strategic optionality in the future, and increase the overall depth of ARC's portfolio.

## **Dawson**

The Dawson Montney play is the foundation of ARC's low-cost natural gas business, where ARC has a land position of 137 net Montney sections. The Dawson play delivers strong economics and cash flow at current natural gas prices, due to excellent capital efficiencies and low operating expenses. Dawson production averaged 234 MMcf per day of natural gas and 3,500 barrels per day of condensate and NGLs during the third quarter of 2017, resulting in a total production increase of 35 per cent from the second quarter of 2017. Production at the Dawson Phase III facility ramped up through the third quarter, as new wells were brought on production following the early start-up of the facility in June. ARC expects production levels to remain stable during the fourth quarter of 2017.

ARC invested \$192 million at Dawson during the first nine months of 2017. Capital investment was directed at completing construction of the Dawson Phase III facility, as well as the drilling of 24 natural gas wells and completion of 25 wells. The majority of these wells targeted the liquids-rich areas outside of the core of Dawson. The two most recent pads in Dawson utilized a new well design. The results from this design change have not met expectations. These results have not changed ARC's view of Dawson and we will return to our previous well design for the area. Dawson Phase III was designed to process 90 MMcf per day of natural gas and handle up to 7,500 barrels per day of liquids (approximately 50 per cent condensate-handling), and has dual-connectivity to third-party pipeline infrastructure in order to provide increased takeaway optionality. Since start-up, operational performance of the facility has been excellent. Due to stronger-than-expected liquids yields from new wells, budgeted liquids production targets for the facility have been met and have stabilized at a combined 3,500 barrels per day of condensate and NGLs. ARC will continue to examine opportunities to optimize liquids production at Dawson.

ARC is currently evaluating the Phase IV expansion of the Dawson gas processing and liquids-handling facility. The facility expansion, which has received regulatory approval, has a plant design consistent with the Dawson Phase III facility. By taking advantage of Phase III investments, Dawson Phase IV is one of ARC's most attractive infrastructure investment opportunities and similar to Phase III, has been designed to handle free liquids and richer gas production from the Lower Montney. The facility expansion has the ability to come on-stream in 2020, and long-term takeaway capacity for production associated with the facility has been secured.

## **Sunrise**

ARC has a land position of 32 net Montney sections at Sunrise, a dry natural gas Montney play in northeast British Columbia with potential for up to six layers of development. With a significant natural gas resource base, high well deliverability, low capital requirements, and low operating expenses, Sunrise continues to create significant value and superior full-cycle economics, making it ARC's most profitable asset. Third quarter 2017 Sunrise production was approximately 127 MMcf per day of natural gas, a decrease of six per cent from the second quarter of 2017 resulting from a five-day planned turnaround at ARC's owned and operated Sunrise facility.

ARC invested \$27 million on capital activities at Sunrise in the first nine months of 2017, including drilling five natural gas wells targeting the Lower Montney zone. Capital was also directed at front-end engineering and design work and initial earthwork for the second phase of the existing Sunrise gas processing facility. Sunrise Phase II will add incremental natural gas sales of 120 MMcf per day in addition to 60 MMcf per day of repatriated production that is currently flowing through a third-party facility. The Sunrise facility expansion of 180 MMcf per day is expected to come on-stream by mid-year 2019, at which point ARC's total owned and operated processing and sales capacity in the area will be 240 MMcf per day of natural gas. With increased control of ARC's Sunrise production volumes, operating costs in the area will be significantly reduced once the facility comes on-stream. Long-term takeaway capacity for production associated with the facility expansion has been secured.

ARC expects to maintain production at current facility capacity at Sunrise through the remainder of 2017. ARC plans to complete the five Lower Montney wells that were drilled earlier in the year during the fourth quarter of 2017, the learnings from which will be integrated into ARC's broader strategic Lower Montney program. The five-well pad includes a dual-layer pilot in the Lower Montney zone.

## **Parkland/Tower**

ARC's Parkland/Tower property, located in the Montney play in northeast British Columbia, consists of 57 net Montney sections at Tower, which produce predominantly light crude oil and condensate with liquids-rich associated gas; and 37 net Montney sections at Parkland, which produce liquids-rich natural gas and dry gas. With contiguous lands, these areas share ARC-operated infrastructure and processing capacity.

Third quarter 2017 production at Parkland/Tower averaged 29,000 boe per day (approximately 45 per cent crude oil and liquids and 55 per cent natural gas), an increase of 23 per cent relative to the second quarter of 2017, and was the result of new wells being brought on production during the quarter. ARC expects production levels to remain at similar levels during the fourth quarter of 2017, as liquids production is maintained at sales of over 10,000 barrels per day of crude oil and liquids. Capital investment at Parkland/Tower was \$161 million during the first nine months of 2017 and included the drilling of 23 crude oil wells, five liquids-rich natural gas wells and one natural gas well, and completion of 27 wells.

ARC continues to evaluate and progress its development strategy for the Parkland/Tower area, with a focus on improving capital efficiencies, and refining well designs for optimized operational efficiency. Application of refined designs to the most recent development activities within the Tower core is delivering strong production results, and operating costs are being reduced through the installation of gas lifts across the Tower field. ARC will continue to manage the overall pace of development at Parkland/Tower by integrating learnings, preserving ARC's strong capital efficiencies, and sustaining production in the area.

## **Attachie**

ARC's Attachie property is a highly prospective, Montney crude oil and liquids-rich natural gas exploration play located in northeast British Columbia, where ARC has a land position of 307 net Montney sections (approximately 200,000 acres), having added 21 net sections to its position in the third quarter of 2017. ARC invested \$23 million on pilot activities on the west side of Attachie during the first nine months of 2017, including the drilling and completion of two liquids-rich natural gas wells, both of which were brought on production in the second quarter of 2017. The two wells have produced a combined 175,000 barrels of condensate in the first 160 days, for cumulative production of 275,000 boe. ARC currently has six pilot wells on production at Attachie West, with the two most recent wells continuing to exceed expectations and demonstrating strong wellhead condensate rates.

Encouraged by the recent production results in the area, ARC is currently drilling a seven-well demonstration pad at Attachie West, with plans to complete and tie-in the wells in 2018. The multi-well pad will focus on capital efficiency improvements, and will appraise the area's multi-layer development potential with one well targeting the Lower Montney horizon. ARC is currently producing through third-party infrastructure while long-term infrastructure requirements are being assessed, and will continue to optimize and monitor production results in the area.

## **Ante Creek**

ARC has a land position of 373 net sections at Ante Creek, a Montney crude oil play in northern Alberta that provides significant cash flow and has substantial future development potential. Third quarter 2017 Ante Creek production averaged 15,800 boe per day (approximately 45 per cent crude oil and liquids), a three per cent increase from the second quarter of 2017 resulting from new wells being brought on production. ARC invested \$78 million in the first nine months of 2017, including drilling 16 crude oil wells and one vertical disposal well, and completing 13 wells.

Base production at Ante Creek continues to perform well, demonstrating the effectiveness of ARC's ongoing optimization activities and the overall strength of the asset base. Recent optimization of well designs has resulted in improved capital efficiencies in the area, and new wells brought on production over the past year have confirmed our improved type curve expectations and have extended the overall development area at Ante Creek.

## **Pembina**

ARC's Pembina Cardium assets provide high-quality light oil production and generate strong operating netbacks, with favourable half-cycle economics with major infrastructure already in place. ARC has a land position of 219 net Cardium sections in Pembina, where production averaged approximately 10,300 boe per day (approximately 80 per cent light oil and liquids) in the third quarter of 2017, relatively unchanged from the second quarter of 2017.

ARC invested \$58 million in capital activities in the first nine months of 2017, including drilling 15 crude oil wells and completing 17 wells. The production from these wells will support crude oil volumes in the second half of 2017. ARC continues to focus on capital and operating efficiencies with its drilling and completion designs in Pembina, driving an increase in overall profitability and free cash flow generation. Optimizing production, converting wells to horizontal injection, and overall waterflood management continue to be core components of our operations at Pembina.

## Redwater

ARC's Redwater region in Alberta produces high-quality light crude oil. Third quarter 2017 production averaged approximately 3,000 boe per day, unchanged from the second quarter of 2017. Capital investment at Redwater for the first nine months of 2017 was \$2 million.

## DIVIDENDS

As a dividend-paying corporation, ARC declares monthly dividends to its shareholders. ARC continually assesses dividend levels in light of commodity prices and economic conditions, capital expenditure programs, and production volumes to ensure that dividends are in line with ARC's long-term strategy and objectives.

ARC declared dividends totaling \$53.0 million (\$0.15 per share) for the third quarter of 2017, and \$159.2 million (\$0.45 per share) for the nine months ended September 30, 2017. The Board of Directors previously confirmed a dividend of \$0.05 per share for October 2017, payable on November 15, 2017, and has conditionally declared a monthly dividend of \$0.05 per share for November 2017 through January 2018, payable as follows:

Record Date	Ex-dividend Date	Payment Date	Per Share Amount
October 31, 2017	October 30, 2017	November 15, 2017	\$0.05 <sup>(1)</sup>
November 30, 2017	November 29, 2017	December 15, 2017	\$0.05 <sup>(2)</sup>
December 29, 2017	December 28, 2017	January 15, 2018	\$0.05 <sup>(2)</sup>
January 31, 2018	January 30, 2018	February 15, 2018	\$0.05 <sup>(2)</sup>

(1) Confirmed on October 16, 2017.

(2) Conditionally declared, subject to confirmation by news release and further resolution by the Board of Directors.

The dividends have been designated as eligible dividends under the *Income Tax Act* (Canada). The declaration of the dividends is conditional upon confirmation by news release and is subject to any further resolution by the Board of Directors. Dividends are subject to change in accordance with ARC's dividend policy depending on a variety of factors and conditions existing from time-to-time, including fluctuations in commodity prices, production levels, capital expenditure requirements, debt service requirements, operating expenses, royalty burdens, foreign exchange rates and the satisfaction of solvency tests imposed by the *Business Corporations Act* (Alberta) for the declaration and payment of dividends. Shareholders, wherever resident, are encouraged to consult their own tax advisors regarding the tax consequences to them of receiving cash dividends.

## OUTLOOK

The foundation of ARC's business strategy is risk-managed value creation. High-quality assets, health, safety and environmental and operational excellence, financial flexibility and strength, and top talent are the key principles underpinning ARC's business strategy. ARC's goal is to create shareholder value in the form of regular dividends and anticipated capital appreciation relating to profitable future growth.

ARC's Board of Directors has approved a \$690 million capital program for 2018 that focuses on long-term profitability and balance sheet strength through the continued development of ARC's Montney crude oil, liquids-rich natural gas, and natural gas assets. The 2018 capital program will sustain ARC's base Montney businesses and will fund strategic infrastructure at the Sunrise Phase II gas processing facility, ARC's next major phase of growth, expected to be at full capacity by mid-year 2019. The capital program will allow ARC to continue to appraise the long-term development potential of the Lower Montney and advance the liquids-rich Attachie asset towards commercialization with the completion and tie-in of a multi-well demonstration pad at Attachie West. ARC expects 2018 annual average production to be in the range of 130,000 to 134,000 boe per day. Additional details on ARC's 2018 capital program and 2018 guidance can be found in the November 9, 2017 news release entitled, "*ARC Resources Ltd. Announces \$690 Million Capital Program for 2018*" available on ARC's website at [www.arcresources.com](http://www.arcresources.com) and on SEDAR at [www.sedar.com](http://www.sedar.com).

Ongoing commodity price volatility may affect ARC's funds from operations and over the long term, profitability of capital programs. As continued volatility is expected, ARC will continue to take steps to mitigate these risks, including an active risk management program, focusing on capital and operating efficiencies, and protecting its strong financial position, with a targeted net debt to annualized funds from operations ratio of between one and 1.5 times. ARC will screen projects for profitability in a disciplined manner and will adjust investment levels and the pace of development, if required, to ensure balance sheet strength is protected. The 2017 and 2018 capital budgets exclude land purchases and property acquisitions or dispositions. ARC will continue to pursue opportunities to consolidate its land position and grow its presence in key areas through land purchases and property acquisitions. ARC evaluates its asset portfolio on a continuous

basis with a view to selling assets that do not meet ARC's investment guidelines. Through the normal course of business, acquisitions and dispositions may occur that could impact the expected production for the year.

ARC's full-year 2017 guidance estimates and a review of 2017 year-to-date actual results are outlined in the following table.

	2017 Guidance	2017 Revised Guidance <sup>(1)</sup>	2017 YTD
<b>Production</b>			
Crude oil (bbl/day)	25,000 - 28,000	25,000 - 27,000	<b>24,291</b>
Condensate (bbl/day)	5,000 - 5,500	5,000 - 5,500	<b>5,199</b>
Natural gas (MMcf/day)	505 - 515	510 - 520	<b>510.1</b>
NGLs (bbl/day)	4,000 - 4,500	4,500 - 5,000	<b>4,900</b>
Total (boe/day)	118,000 - 124,000	120,000 - 124,000	<b>119,408</b>
<b>Expenses (\$/boe)</b>			
Operating	6.30 - 6.70	6.30 - 6.70	<b>6.56</b>
Transportation	2.25 - 2.45	2.45 - 2.65	<b>2.55</b>
G&A expenses before share-based compensation plans	1.15 - 1.35	1.25 - 1.45	<b>1.43</b>
G&A - share-based compensation plans <sup>(2)</sup>	0.65 - 0.75	0.10 - 0.40	<b>0.16</b>
Interest	1.00 - 1.20	1.00 - 1.10	<b>1.06</b>
Current income tax (per cent of funds from operations) <sup>(3)</sup>	5 - 10	0 - 5	<b>2</b>
Capital expenditures before land purchases and net property acquisitions (dispositions) (\$ millions)	750	830	<b>584.6</b>
Land purchases and net property acquisitions (dispositions) (\$ millions)	N/A	N/A	<b>97.5</b>
Weighted average shares (millions)	353	353	<b>353</b>

(1) As originally disclosed at June 30, 2017.

(2) Comprises expenses recognized under the RSU and PSU Plan, Share Option Plan and LTRSA Plan, and excludes compensation charges under the DSU Plan. In periods where substantial share price fluctuation occurs, ARC's G&A expenses are subject to greater volatility.

(3) The current income tax estimates vary depending on the level of commodity prices.

ARC's 2017 guidance is based on full-year 2017 estimates; certain variances exist between 2017 year-to-date actual results and 2017 full-year guidance estimates due to the cyclical and seasonal nature of operations. ARC expects full-year 2017 actual results to closely approximate guidance. 2017 year-to-date crude oil production was below the 2017 guidance range. Fourth quarter 2017 crude oil production levels are expected to be similar to the third quarter of 2017.

## Forward-looking Information and Statements

This news release contains certain forward-looking information and statements within the meaning of applicable securities laws. The use of any of the words "expect," "anticipate," "continue," "estimate," "objective," "ongoing," "may," "will," "project," "should," "believe," "plans," "intends," "strategy" and similar expressions are intended to identify forward-looking information or statements. In particular, but without limiting the foregoing, this news release contains forward-looking information and statements pertaining to the following: guidance as to the capital expenditure plans of ARC in 2017 and beyond and its production in 2017 and beyond, and operating expenses under the heading "Financial and Operating Highlights", as to its views on future commodity prices under the heading "Economic Environment", as to its risk management plans for 2017 and beyond under the heading "Risk Management", as to its production, exploration and development plans, and capital expenditures for 2017 and beyond under the heading "Operational Review", as to its plans in relation to future dividend levels under the heading "Dividends", and all matters in respect of 2017 guidance under the heading "Outlook".

The forward-looking information and statements contained in this news release reflect several material factors, expectations and assumptions of ARC, including, without limitation: the production performance of ARC's crude oil and natural gas assets; the cost and competition for services throughout the oil and gas industry in 2017 and 2018; the results of exploration and development activities during 2017 and 2018; the general continuance of current industry conditions; the continuance of existing (and in certain circumstances, the implementation of proposed) tax, royalty and regulatory regimes; the accuracy of the estimates of ARC's reserves and resource volumes; certain commodity price and other cost assumptions for 2017 and 2018; the retention of ARC's key properties; and the continued availability of adequate debt and equity financing and funds from operations to fund its planned expenditures. ARC believes the material factors, expectations and assumptions reflected in the forward-looking information and statements are reasonable, but no assurance can be given that these factors, expectations and assumptions will prove to be correct.

The forward-looking information and statements included in this news release are not guarantees of future performance and should not be unduly relied upon. Such information and statements involve known and unknown risks, uncertainties and other factors that may cause actual results or events to differ materially from those anticipated in such forward-looking information or statements including, without limitation: changes in commodity prices; changes in the demand for or supply of ARC's products; changes to government regulations including royalty rates, taxes, and environmental and climate change regulation; market access constraints or transportation interruptions, unanticipated operating results, or production declines; changes in development plans of ARC or by third-party operators of ARC's properties, increased debt levels or debt service requirements; inaccurate estimation of ARC's oil and gas reserve and resource volumes; limited, unfavorable or a lack of access to capital markets; increased costs; a lack of adequate insurance coverage; the impact of competitors; and certain other risks detailed from time-to-time in ARC's public disclosure documents (including, without limitation, those risks identified in this news release and in ARC's Annual Information Form).

The internal projections, expectations or beliefs are based on the 2017 capital budget which is subject to change in light of ongoing results, prevailing economic circumstances, commodity prices and industry conditions and regulations. Accordingly, readers are cautioned that events or circumstances could cause results to differ materially from those predicted. The forward-looking information and statements contained in this news release speak only as of the date of this news release, and none of ARC or its subsidiaries assumes any obligation to publicly update or revise them to reflect new events or circumstances, except as may be required pursuant to applicable laws.

ARC has adopted the standard 6 Mcf:1 barrel when converting natural gas to boe. Boe may be misleading, particularly if used in isolation. A boe conversion ratio of 6 Mcf:1 barrel is based on an energy equivalency conversion method primarily applicable at the burner tip and does not represent a value equivalency at the wellhead. Given that the value ratio based on the current price of crude oil as compared to natural gas is significantly different than the energy equivalency of the 6:1 conversion ratio, utilizing the 6:1 conversion ratio may be misleading as an indication of value.

ARC Resources Ltd. is one of Canada's largest conventional oil and gas companies with an enterprise value <sup>(1)</sup> of approximately \$6.9 billion. ARC's common shares trade on the TSX under the symbol ARX.

ARC RESOURCES LTD.

Myron M. Stadnyk  
President and Chief Executive Officer

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(1) Enterprise value is also referred to as total capitalization. Refer to Note 9 "Capital Management" in ARC's financial statements for the three and nine months ended September 30, 2017 and to the section entitled "Capitalization, Financial Resources and Liquidity" contained within ARC's MD&A.



# Q3 2017

## MANAGEMENT'S DISCUSSION & ANALYSIS



## **MANAGEMENT'S DISCUSSION AND ANALYSIS**

This Management's Discussion and Analysis ("MD&A") of ARC Resources Ltd. ("ARC" or the "Company") is Management's analysis of the financial performance and significant trends and external factors that may affect future performance. It is dated November 9, 2017 and should be read in conjunction with the unaudited condensed interim consolidated financial statements (the "financial statements") as at and for the three and nine months ended September 30, 2017, and the MD&A and audited consolidated financial statements as at and for the year ended December 31, 2016, as well as ARC's Annual Information Form ("AIF"), each of which is filed on SEDAR at [www.sedar.com](http://www.sedar.com). All financial information is reported in Canadian dollars and all per share information is based on diluted weighted average common shares, unless otherwise noted.

This MD&A contains non-GAAP measures and forward-looking statements. Readers are cautioned that the MD&A should be read in conjunction with ARC's disclosure under the headings "Non-GAAP Measures," "Forward-looking Information and Statements," and "Glossary" included at the end of this MD&A.

### **ABOUT ARC RESOURCES LTD.**

ARC is a dividend-paying Canadian crude oil and natural gas company headquartered in Calgary, Alberta. ARC's activities focus on the exploration, development and production of conventional crude oil and natural gas in Canada with an emphasis on the development of properties with a large volume of hydrocarbons in place commonly referred to as "resource plays."

ARC's vision is to be a leading energy producer, focused on delivering results through its strategy of **risk-managed value creation**. ARC is committed to providing superior long-term financial returns for its shareholders; this commitment is supported by its culture where respect for the individual is paramount and action and passion are rewarded. ARC runs its business in a manner that protects the safety of employees, communities and the environment. ARC's vision is realized through the four pillars of its strategy:

- (1) **High-quality, long-life assets** – ARC's suite of assets includes primarily Montney and Cardium assets. ARC's Montney assets consist of world-class resource play properties, concentrated in northeast British Columbia and northern Alberta. The Montney assets provide substantial growth opportunities, which ARC will pursue to create value through long-term profitable development. Other assets are located in Alberta and include core assets in the Cardium formation in the Pembina area of Alberta. These assets deliver stable production and contribute cash to fund future development and support ARC's dividend.
- (2) **Health, safety and environmental and operational excellence** – In the current competitive environment, achieving top-tier capital efficiency and low cost operations while operating in a safe and environmentally responsible manner are critical to realizing profitability. ARC is committed, where it makes sense, to own and operate its own infrastructure and is deliberate in securing takeaway for its products at optimal pricing.
- (3) **Financial flexibility** – ARC provides returns to shareholders through a combination of a monthly dividend, currently \$0.05 per share per month, and the potential for capital appreciation. ARC's long-term goal is to fund dividend payments and capital expenditures necessary for the replacement of production declines using funds from operations<sup>(1)</sup>. ARC will finance profitable growth activities through a combination of sources including funds from operations, proceeds from property dispositions, debt capacity, and when appropriate, equity issuance. ARC chooses to maintain prudent debt levels, targeting its net debt to be between one to 1.5 times annualized funds from operations and less than 20 per cent of total capitalization over the long term<sup>(1)</sup>. ARC maintains a risk management program to reduce the volatility of sales revenues and increase the certainty of funds from operations.
- (4) **Top talent and strong leadership culture** – ARC is committed to the attraction, retention and development of the best and brightest people in the industry. ARC's employees conduct business every day in a culture of trust, respect, integrity and accountability. Building leadership talent at all levels of the organization is a key focus. ARC is also committed to corporate leadership through community investment, environmental reporting practices and open communication with all stakeholders. As of November 9, 2017, ARC had 468 permanent employees with 252 professional, technical and support staff in the Calgary office, and 216 individuals located across ARC's operating areas in Alberta and British Columbia, Canada.

(1) Refer to Note 9 "Capital Management" in the financial statements and to the sections entitled "Funds from Operations" and "Capitalization, Financial Resources and Liquidity" contained within this MD&A.

## Total Return to Shareholders

ARC's business plan has resulted in significant operational success and helped mitigate the headwinds of a challenging commodity price environment, resulting in a trailing three and five year annualized total return that exceeds the Standard & Poor's ("S&P")/Toronto Stock Exchange ("TSX") Exploration & Producers Index (Table 1). Total return includes both capital appreciation (depreciation) and dividend payments and represents the sum of the change in the market price of the common shares or the index in the period assuming dividends are reinvested in the security or the index. Total return is not a standardized measure and therefore may not be comparable with the calculation of similar measures for other entities. This measure is used to assist Management and investors in evaluating the Company's performance and rate of return on a per share basis, to facilitate comparison over time and to its peers.

**Table 1**

<b>Total Returns <sup>(1)</sup></b>	<b>Trailing One Year</b>	<b>Trailing Three Year</b>	<b>Trailing Five Year</b>
Dividends per share outstanding (\$)	<b>0.60</b>	2.60	5.00
Capital depreciation per share outstanding (\$)	<b>(6.54)</b>	(12.36)	(6.71)
Total return per share outstanding (%)	<b>(25.2)</b>	(34.0)	(11.1)
Annualized total return per share outstanding (%)	<b>(25.3)</b>	(12.9)	(2.3)
S&P/TSX Exploration & Producers Index annualized total return (%)	<b>(10.0)</b>	(14.1)	(5.5)

(1) Calculated as at September 30, 2017.

Since 2013, ARC's production has grown by 23,321 boe per day, or 24 per cent, while its proved plus probable reserves have grown by 102.8 MMboe, or 16 per cent. Table 2 highlights ARC's production and reserves for the first nine months of 2017 and over the past four years:

**Table 2**

	<b>2017 YTD</b>	<b>2016</b>	<b>2015</b>	<b>2014</b>	<b>2013</b>
Production (boe/d) <sup>(1)</sup>	<b>119,408</b>	118,671	114,167	112,387	96,087
Daily production per thousand shares <sup>(2)</sup>	<b>0.34</b>	0.34	0.34	0.35	0.31
Proved plus probable reserves (MMboe) <sup>(3)(4)</sup>	<b>n/a</b>	736.7	686.9	672.7	633.9
Proved plus probable reserves per share (boe)	<b>n/a</b>	2.1	2.0	2.1	2.0

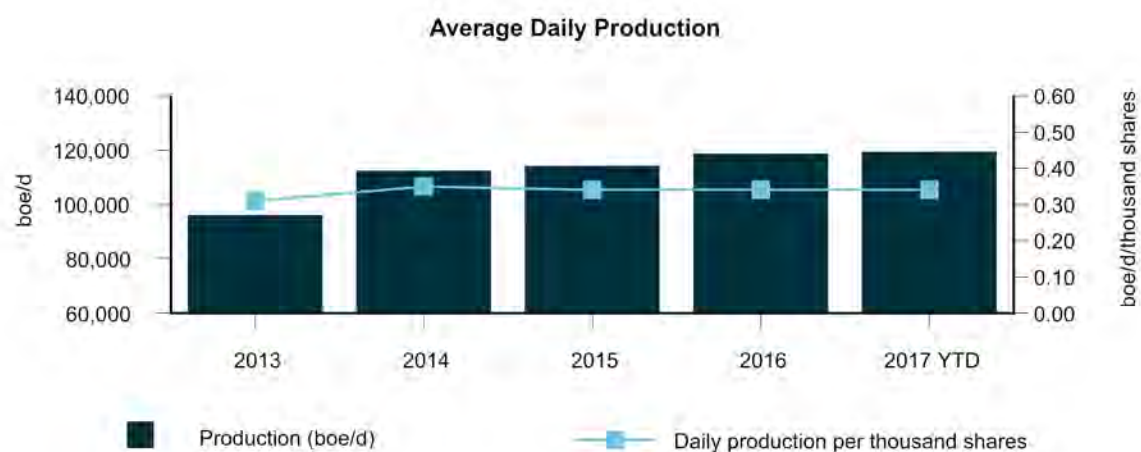
(1) Reported production amount is based on Company interest before royalty burdens. In December 2016, ARC divested of non-core Saskatchewan assets that had been producing approximately 7,500 barrels per day prior to disposal.

(2) Daily production per thousand shares represents average daily production divided by the diluted weighted average common shares for the nine months ended September 30, 2017 and for the annual periods ended December 31, 2016, 2015, 2014 and 2013.

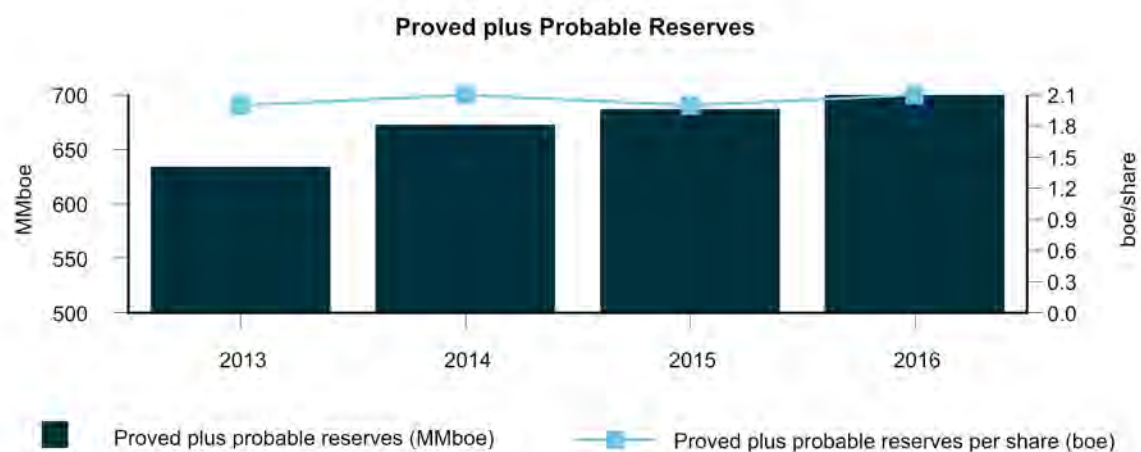
(3) As determined by ARC's independent reserve evaluator with an effective date of December 31 for the years shown in accordance with the COGE Handbook.

(4) Company gross reserves are the gross interest reserves before deduction of royalties and without including any royalty interests. For more information, see ARC's AIF as filed on SEDAR at [www.sedar.com](http://www.sedar.com) and the news release entitled "ARC Resources Ltd. Replaces 260 Per Cent of Produced Reserves Through Development Activities in 2016" dated February 8, 2017.

## Exhibit 1



## Exhibit 1a



## ECONOMIC ENVIRONMENT

ARC's third quarter and year-to-date 2017 financial and operating results were impacted by commodity prices and foreign exchange rates which are outlined in Table 3 below:

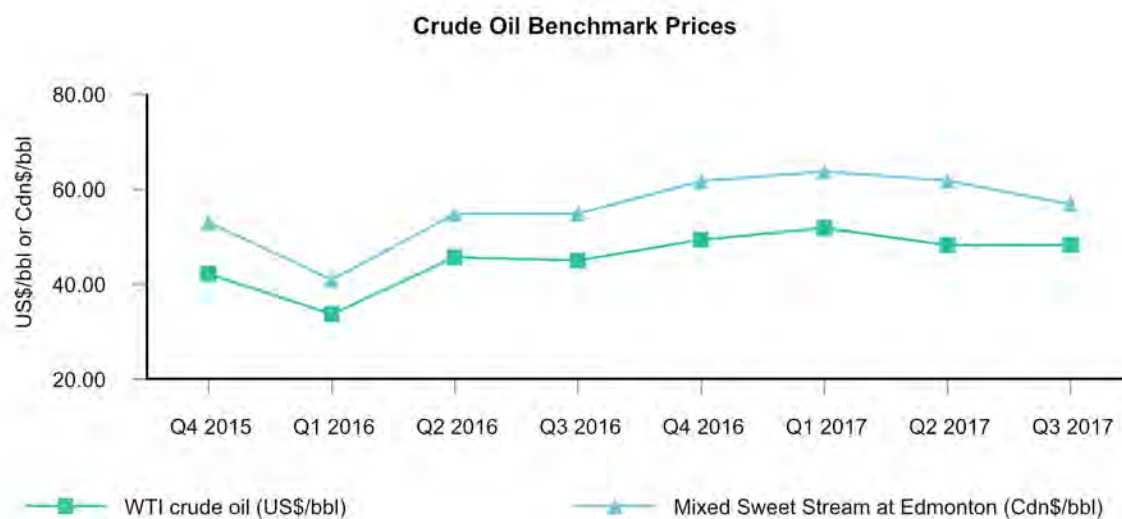
**Table 3**

Selected Benchmark Prices and Exchange Rates <sup>(1)</sup>	Three Months Ended September 30			Nine Months Ended September 30		
	2017	2016	% Change	2017	2016	% Change
WTI crude oil (US\$/bbl)	<b>48.20</b>	44.94	7	<b>49.36</b>	41.53	19
Mixed Sweet Stream Price at Edmonton (Cdn\$/bbl)	<b>56.77</b>	54.80	4	<b>60.75</b>	50.18	21
NYMEX Henry Hub Last Day Settlement (US\$/MMBtu)	<b>3.00</b>	2.81	7	<b>3.17</b>	2.29	38
Chicago Citygate Monthly Index (US\$/MMBtu)	<b>2.84</b>	2.76	3	<b>3.08</b>	2.32	33
AECO 7A Monthly Index (Cdn\$/Mcf)	<b>2.04</b>	2.20	(7)	<b>2.58</b>	1.85	39
Cdn\$/US\$ exchange rate	<b>1.25</b>	1.31	(5)	<b>1.31</b>	1.32	(1)

(1) The benchmark prices do not reflect ARC's realized sales prices. For average realized sales prices, refer to Table 14 in this MD&A. Prices and exchange rates presented above represent averages for the respective periods.

Global crude oil prices remained range-bound in the third quarter of 2017, with the average WTI benchmark price effectively unchanged from the second quarter of 2017, and seven per cent higher relative to the third quarter of 2016. OPEC production levels have stabilized, and US production growth is increasing at a moderated pace compared to prior periods. Temporary disruptions caused by hurricanes in the third quarter of 2017 caused refinery outages, resulting in strong refining margins and a widening of the WTI-Brent differential. This, coupled with strong base demand in the period, helped draw down crude oil inventories and supported the move toward a tighter global supply-demand balance. ARC's crude oil price is primarily referenced to the mixed sweet crude stream price at Edmonton, which decreased eight per cent in the third quarter of 2017 relative to the second quarter of 2017 and increased four per cent relative to the third quarter of 2016. The differential between WTI and the mixed sweet crude stream price at Edmonton widened to average a discount of US\$2.88 per barrel in the third quarter of 2017, a 29 per cent increase from the second quarter of 2017 and a two per cent decrease from the third quarter of 2016.

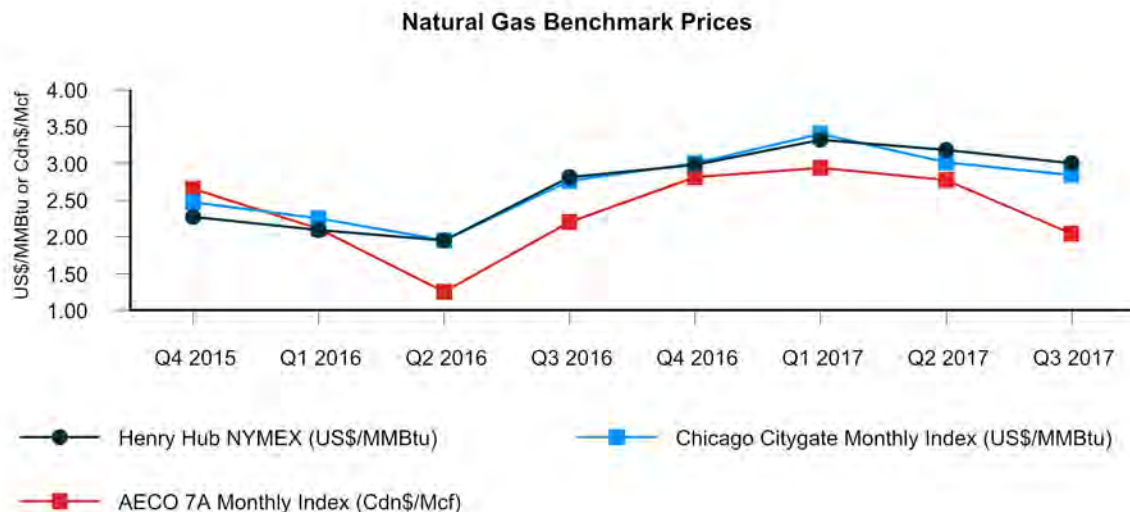
### Exhibit 2



US natural gas prices, referenced by the average NYMEX Henry Hub Last Day Settlement price, decreased six per cent relative to the second quarter of 2017, and increased seven per cent relative to the third quarter of 2016. Lower demand, due to a cooler summer, and rising US production offset increased US exports, putting slight downward pressure on natural gas prices in the third quarter of 2017. ARC's realized natural gas price is diversified physically and financially to multiple sales points including AECO, Station 2 and Chicago hubs. Western Canadian natural gas prices fluctuated significantly in the third quarter of 2017 with prolonged third-party maintenance causing outages and pipeline restrictions.

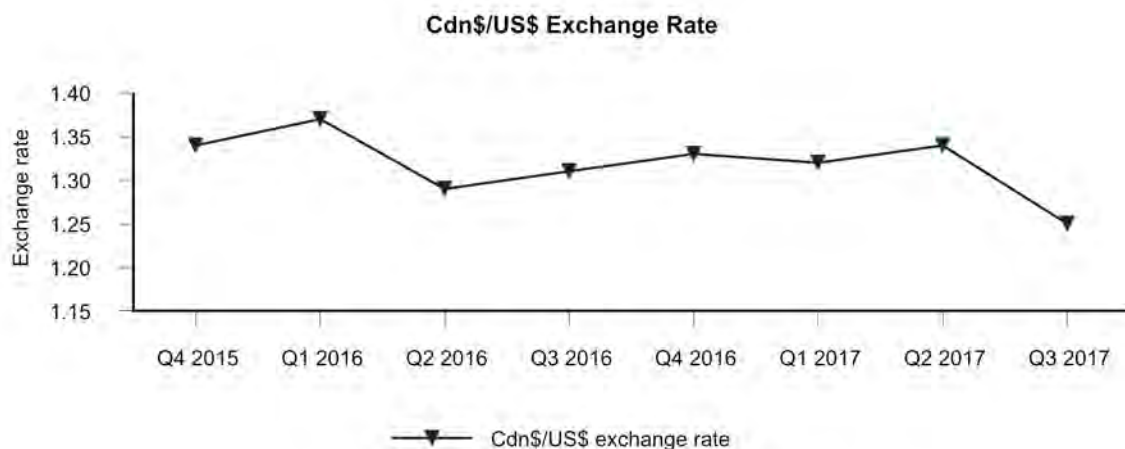
The AECO hub price decreased 26 per cent in the third quarter of 2017 relative to the second quarter of 2017, and decreased seven per cent relative to the third quarter of 2016. Forward AECO differentials widened in the third quarter of 2017 due to increasing concerns of oversupply and infrastructure constraints in the Western Canadian Sedimentary Basin. The NYMEX Henry Hub Last Day Settlement price to AECO basis was US\$1.39 per MMBtu in the third quarter of 2017, an increase of 23 per cent relative to the second quarter of 2017 and the third quarter of 2016.

#### Exhibit 2a



The Bank of Canada announced two interest rate increases in the third quarter of 2017, resulting in a strengthened Canadian dollar relative to the US dollar, averaging Cdn\$/US\$1.25 (US\$/Cdn\$0.80).

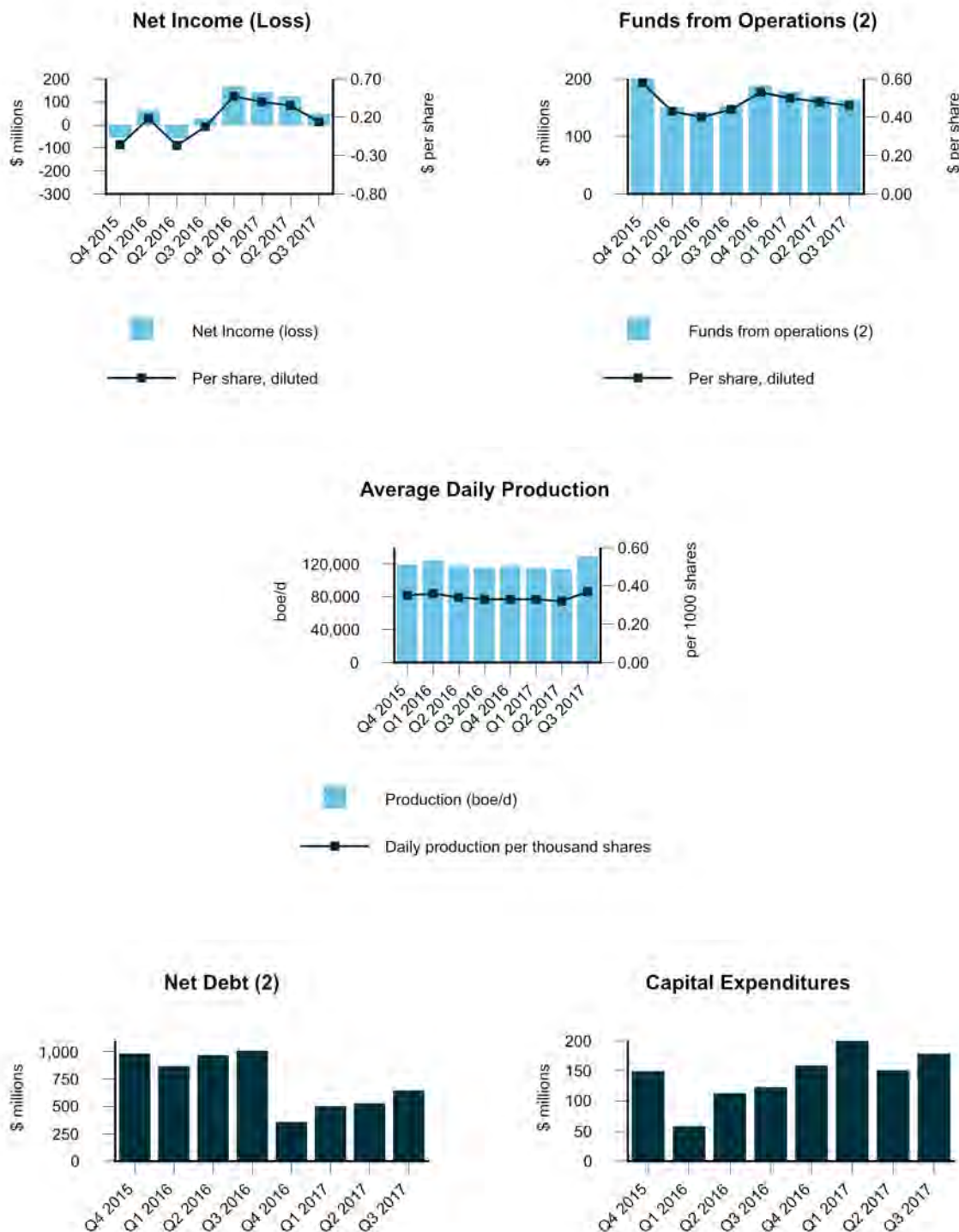
#### Exhibit 2b



## QUARTERLY RESULTS <sup>(1)</sup>

Global crude oil and North American natural gas markets have undergone continued volatility over the past eight quarters. In addition, the structure of ARC's business has transformed during this period as the Company has focused its asset base to adapt to the challenging economic environment and position the Company for long-term success.

### Exhibit 3



(1) The details contained in the following graphs are included in the Quarterly Historical Review section of this MD&A.

(2) Refer to Note 9 "Capital Management" in the financial statements and to the section entitled "Funds from Operations" contained within this MD&A.

Trends in earnings and funds from operations are primarily associated with fluctuations in revenues which reflect changes in production levels and commodity prices. Realized risk management gains and losses serve to partially offset the impact of volatile commodity prices and impact on quarterly funds from operations, while changes in the Canadian value of ARC's US dollar denominated long-term debt and unrealized risk management gains and losses impact earnings. In addition to these factors, the following significant events impacted the Company's financial and operating results over the past eight quarters:

- In the fourth quarter of 2015, ARC recognized impairment charges of \$80.0 million due to declines in expected future commodity prices. In the second quarter of 2017, ARC recognized a reversal of previously recognized impairment on its assets in its Northern Alberta CGU of \$75.0 million.
- In the fourth quarter of 2015, ARC recognized an impairment charge of \$51.3 million in relation to the disposition of non-core assets located in its Southeast Saskatchewan & Manitoba CGU. In the fourth quarter of 2016, ARC recorded a \$68.4 million reversal of impairment and a \$196.0 million gain associated with dispositions of ARC's remaining non-core Saskatchewan assets and certain non-core assets in Alberta.
- In 2016, ARC completed multiple acquisitions in the Pembina area of Alberta. ARC recognized associated gains on business combinations of \$40.2 million and \$13.7 million in the second and third quarters of 2016, respectively.
- ARC recorded a \$40.8 million deferred income tax recovery in the second quarter of 2016, mainly as a result of a \$149.5 million unrealized loss on risk management contracts recorded during the period, as well as an increase in ARC's ARO balance. In the fourth quarter of 2016, ARC recognized a current income tax expense of \$24.4 million, reflecting the reduction of income tax pools associated with the divestment of its non-core Saskatchewan assets. Also in the fourth quarter of 2016, ARC recorded a deferred income tax expense of \$43.5 million primarily due to impairment recoveries recognized on divested assets and a decrease in ARC's ARO balance. In the second quarter of 2017, a \$38.6 million deferred income tax recovery was recorded, primarily as a result of a \$7.2 million unrealized gain on risk management contracts recognized during the period compared to a \$149.5 million unrealized loss in the same period of the prior year and a \$75.0 million reversal of impairment recorded in ARC's Northern Alberta CGU.
- Net debt decreased significantly in the fourth quarter of 2016 upon receipt of net proceeds of \$683.8 million from the divestment of ARC's non-core Saskatchewan assets. Net debt has increased throughout 2017, resulting in a net debt to annualized funds from operations ratio of 0.9 times at September 30, 2017 with the acceleration of ARC's capital spending program funded by the redeployment of the sale proceeds.
- Production increased at the end of 2015 following the commissioning of the Sunrise gas plant in the third quarter of 2015 and the crude oil battery expansion in the fourth quarter of 2015 at ARC's Tower property, both in northeast British Columbia. Crude oil production decreased following dispositions in 2015 and 2016, partially offset by the Pembina acquisitions completed in 2016 and the Company's drilling program. Production increased substantially in the third quarter of 2017 to 129,526 boe per day following the early start-up in mid-June of the Dawson Phase III facility in northeast British Columbia.

## ANNUAL GUIDANCE AND FINANCIAL HIGHLIGHTS

The foundation of ARC's business strategy is risk-managed value creation. High-quality assets, health, safety and environmental and operational excellence, financial flexibility and strength, and top talent are the key principles underpinning ARC's business strategy. ARC's goal is to create shareholder value in the form of regular dividends and anticipated capital appreciation relating to profitable future growth.

Ongoing commodity price volatility may affect ARC's funds from operations and over the long term, profitability of capital programs. As continued volatility is expected, ARC will continue to take steps to mitigate these risks, including an active risk management program, focusing on capital and operating efficiencies, and protecting its strong financial position, with a targeted net debt to annualized funds from operations ratio of between one and 1.5 times. ARC will screen projects for profitability in a disciplined manner and will adjust investment levels and the pace of development, if required, to ensure balance sheet strength is protected. The 2017 capital budget excludes land purchases and property acquisitions or dispositions. ARC will continue to pursue opportunities to consolidate its land position and grow its presence in key areas through land purchases and property acquisitions. ARC evaluates its asset portfolio on a continuous basis with a view to selling assets that do not meet ARC's investment guidelines. Through the normal course of business, acquisitions and dispositions may occur that could impact the expected production for the year.

Table 5 is a summary of ARC's 2017 annual guidance and a review of 2017 year-to-date results.

**Table 5**

	2017 Guidance	2017 Revised Guidance <sup>(1)</sup>	2017 YTD
Production			
Crude oil (bbl/d)	25,000 - 28,000	25,000 - 27,000	<b>24,291</b>
Condensate (bbl/d)	5,000 - 5,500	5,000 - 5,500	<b>5,199</b>
Natural gas (MMcf/d)	505 - 515	510 - 520	<b>510.1</b>
NGLs (bbl/d)	4,000 - 4,500	4,500 - 5,000	<b>4,900</b>
Total (boe/d)	118,000 - 124,000	120,000 - 124,000	<b>119,408</b>
Expenses (\$/boe)			
Operating	6.30 - 6.70	6.30 - 6.70	<b>6.56</b>
Transportation	2.25 - 2.45	2.45 - 2.65	<b>2.55</b>
G&A expenses before share-based compensation plans	1.15 - 1.35	1.25 - 1.45	<b>1.43</b>
G&A - share-based compensation plans <sup>(2)</sup>	0.65 - 0.75	0.10 - 0.40	<b>0.16</b>
Interest	1.00 - 1.20	1.00 - 1.10	<b>1.06</b>
Current income tax (per cent of funds from operations) <sup>(3)</sup>	5 - 10	0 - 5	<b>2</b>
Capital expenditures before land purchases and net property acquisitions (dispositions) (\$ millions)	750	830	<b>584.6</b>
Land purchases and net property acquisitions (dispositions) (\$ millions)	N/A	N/A	<b>97.5</b>
Weighted average shares (millions)	353	353	<b>353</b>

(1) As originally disclosed at June 30, 2017.

(2) Comprises expenses recognized under the RSU and PSU Plan, Share Option Plan and LTRSA Plan, and excludes compensation charges under the DSU Plan. In periods where substantial share price fluctuation occurs, ARC's G&A expenses are subject to greater volatility.

(3) The current income tax estimates vary depending on the level of commodity prices.



ARC's 2017 guidance is based on full-year 2017 estimates; certain variances exist between 2017 year-to-date actual results and 2017 full-year guidance estimates due to the cyclical and seasonal nature of operations. ARC expects full-year 2017 actual results to closely approximate guidance.

2017 year-to-date crude oil production was below the 2017 guidance range. Fourth quarter 2017 crude oil production levels are expected to be similar to the third quarter of 2017.

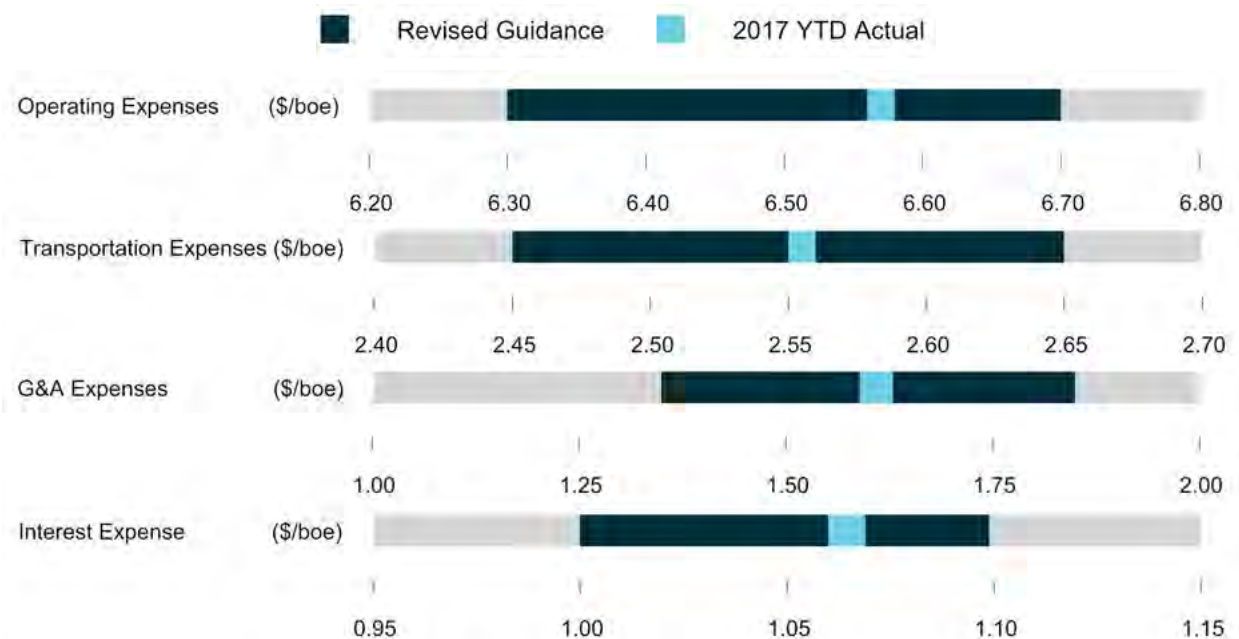
#### Exhibit 4

##### 2017 Revised Production Guidance



## Exhibit 4a

### 2017 Revised Expenses Guidance



The guidance information presented is intended to provide shareholders with information on Management's expectations for results from operations. Readers are cautioned that the guidance may not be appropriate for other purposes.

## 2017 THIRD QUARTER FINANCIAL AND OPERATING RESULTS

### Financial Highlights

Table 6

(\$ millions, except per share and volume data)	Three Months Ended September 30			Nine Months Ended September 30		
	2017	2016	% Change	2017	2016	% Change
Net income	48.5	28.3	71	315.0	34.3	818
Net income per share	0.14	0.08	75	0.89	0.10	790
Funds from operations <sup>(1)</sup>	163.8	153.0	7	510.8	444.8	15
Funds from operations per share <sup>(1)</sup>	0.46	0.44	5	1.44	1.27	13
Dividends per share <sup>(2)</sup>	0.15	0.15	—	0.45	0.50	(10)
Average daily production (boe/d)	129,526	115,205	12	119,408	119,027	—

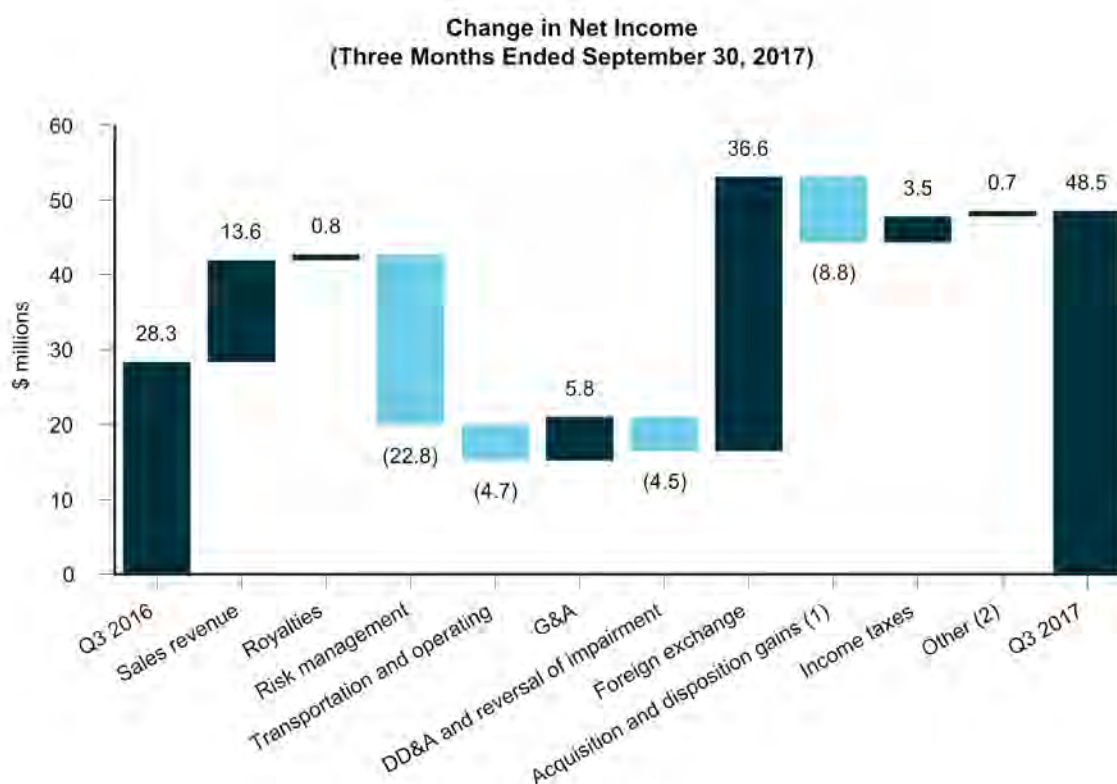
(1) Refer to Note 9 "Capital Management" in the financial statements and to the section entitled "Funds from Operations" contained within this MD&A.

(2) Dividends per share are based on the number of shares outstanding at each dividend record date.

## Net Income

In the third quarter of 2017, ARC recognized net income of \$48.5 million (\$0.14 per share), \$20.2 million higher than ARC's third quarter of 2016 net income of \$28.3 million (\$0.08 per share). Compared to the third quarter of 2016, third quarter 2017 revenue net of royalties was \$14.4 million higher, primarily as a result of production at the Dawson Phase III facility in northeast British Columbia ramping up through the third quarter of 2017 following the early start-up of the facility in mid-June. Additionally, ARC recognized higher gains on foreign exchange in the third quarter of 2017 compared to the same period of the prior year, as well as lower G&A and income tax expenses, and a gain on disposal of some of its non-core petroleum and natural gas properties. The increases in net income were partially offset by lower gains on risk management contracts, a gain on business combination in the prior year when no such gain was recorded in 2017, and higher DD&A expense.

### Exhibit 5

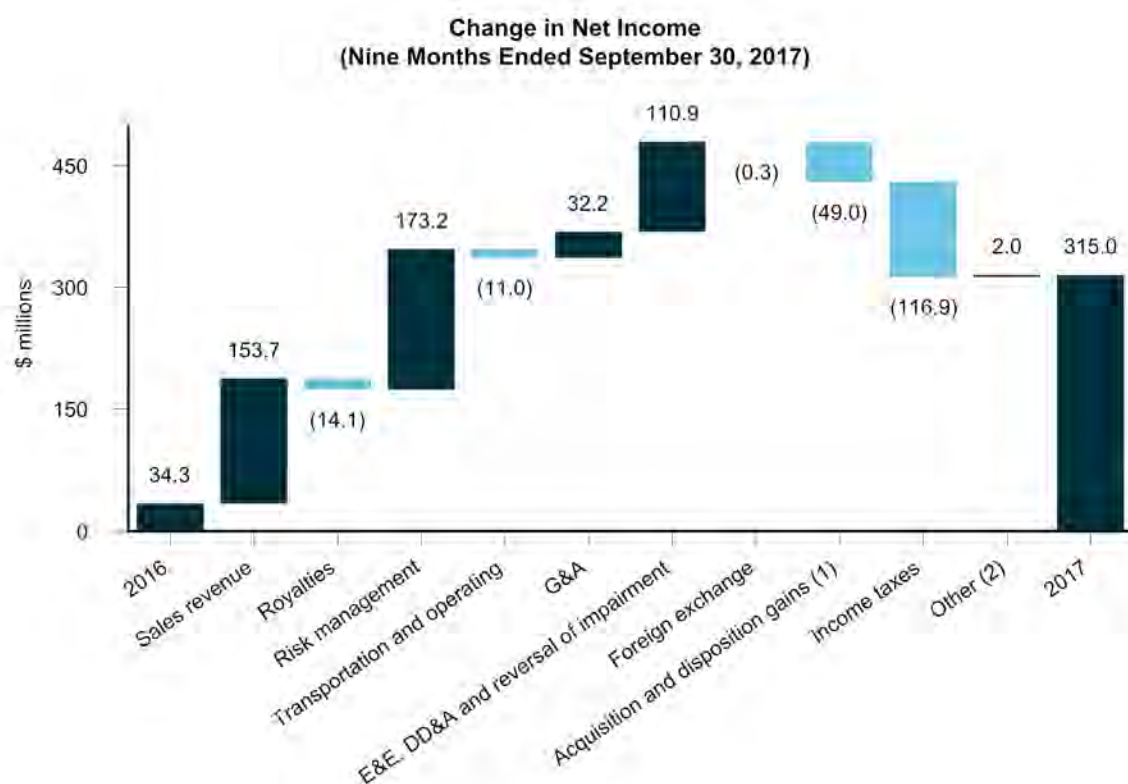


(1) Includes gains related to business combinations and disposals of PP&E.

(2) Includes gain or loss on short-term investments, accretion of ARO, and interest and financing charges.

In the nine months ended September 30, 2017, ARC recognized net income of \$315.0 million (\$0.89 per share), \$280.7 million higher than net income of \$34.3 million (\$0.10 per share) in the same period of the prior year. ARC's revenue net of royalties in the nine months ended September 30, 2017 was higher than the same period of the prior year by \$139.6 million, primarily as a result of improved commodity prices. ARC also recognized a higher gain on risk management contracts compared to the same period of the prior year, as well as lower DD&A and G&A expenses, and a gain on disposal of petroleum and natural gas properties. In addition, a reversal of an impairment of \$75.0 million (\$55.1 million net of deferred taxes) was recorded in the second quarter of 2017. The increases in net income were partially offset by higher income tax expenses and gains on business combinations in the prior year when no such gains were recorded in 2017.

# Exhibit 5a



(1) Includes gains related to business combinations and disposals of PP&E.

(2) Includes gain or loss on short-term investments, accretion of ARO, and interest and financing charges.

## Funds from Operations

ARC considers funds from operations to be a key measure of operating performance as it demonstrates ARC's ability to generate the necessary funds for sustaining capital, future growth through capital investment, and to repay debt. Management believes that such a measure provides an insightful assessment of ARC's operations on a continuing basis by eliminating certain non-cash charges and charges that are nonrecurring. Funds from operations is not a standardized measure and therefore may not be comparable with the calculation of similar measures for other entities.

ARC reports funds from operations in total and on a per share basis. Refer to Note 9 "Capital Management" in the financial statements. Table 7 is a reconciliation of ARC's net income to funds from operations and cash flow from operating activities:

**Table 7**

	Three Months Ended September 30		Nine Months Ended September 30	
(\$ millions)	2017	2016	2017	2016
Net income	48.5	28.3	315.0	34.3
Adjusted for the following non-cash items:				
DD&A and reversal of impairment	128.5	124.0	275.0	384.2
Accretion of ARO	3.1	3.0	9.5	9.1
E&E expenses	—	—	—	1.7
Deferred tax expense (recovery)	5.9	6.8	80.0	(27.5)
Unrealized loss (gain) on risk management contracts	15.5	(3.3)	(101.8)	153.4
Unrealized loss (gain) on foreign exchange	(33.6)	7.7	(66.0)	(57.6)
Gain on business combinations	—	(13.7)	—	(53.9)
Gain on disposal of petroleum and natural gas properties	(4.9)	—	(4.9)	—
Other	0.8	0.2	4.0	1.1
<b>Funds from operations</b>	<b>163.8</b>	<b>153.0</b>	<b>510.8</b>	<b>444.8</b>
Net change in other liabilities	(5.8)	(3.9)	(27.9)	2.8
Change in non-cash operating working capital	(10.7)	8.6	(6.1)	23.8
<b>Cash flow from operating activities</b>	<b>147.3</b>	<b>157.7</b>	<b>476.8</b>	<b>471.4</b>

Details of the change in funds from operations from the three and nine months ended September 30, 2016 to the three and nine months ended September 30, 2017 are included in Table 8 below:

**Table 8**

	Three Months Ended September 30		Nine Months Ended September 30	
	\$ millions	\$/Share	\$ millions	\$/Share
Funds from operations – 2016	153.0	0.44	444.8	1.27
Volume variance				
Crude oil and liquids	(4.9)	(0.01)	(79.4)	(0.23)
Natural gas	17.9	0.04	17.0	0.04
Price variance				
Crude oil and liquids	16.5	0.05	109.3	0.31
Natural gas	(17.2)	(0.05)	103.1	0.29
Other income	1.3	—	3.7	0.01
Realized gain on risk management contracts	(4.0)	(0.01)	(82.0)	(0.23)
Royalties	0.8	—	(14.1)	(0.04)
Expenses				
Transportation	(7.4)	(0.02)	(12.8)	(0.04)
Operating	2.7	0.01	1.8	0.01
G&A	5.7	0.02	34.0	0.10
Interest	1.5	—	3.5	0.01
Current income taxes	2.6	0.01	(9.4)	(0.03)
Realized loss on foreign exchange	(4.7)	(0.01)	(8.7)	(0.02)
Weighted average shares, diluted	—	(0.01)	—	(0.01)
Funds from operations – 2017	163.8	0.46	510.8	1.44

Funds from operations increased by seven per cent in the third quarter of 2017 to \$163.8 million from \$153.0 million generated in the third quarter of 2016. The increase primarily reflects increased natural gas production, higher crude oil and liquids prices, and lower G&A, operating and current income tax expenses. Decreased natural gas prices, higher transportation expenses, lower crude oil production, a higher realized loss on foreign exchange and a lower realized gain on risk management contracts partially offset the increase.

For the nine months ended September 30, 2017, funds from operations increased by \$66.0 million to \$510.8 million from \$444.8 million in the same period of 2016. This increase primarily reflects improved commodity prices, lower G&A, and increased natural gas production. A lower realized gain on risk management contracts, decreased crude oil production, and higher royalties, transportation, current income taxes, and realized loss on foreign exchange partially offset the increase.

Exhibit 6

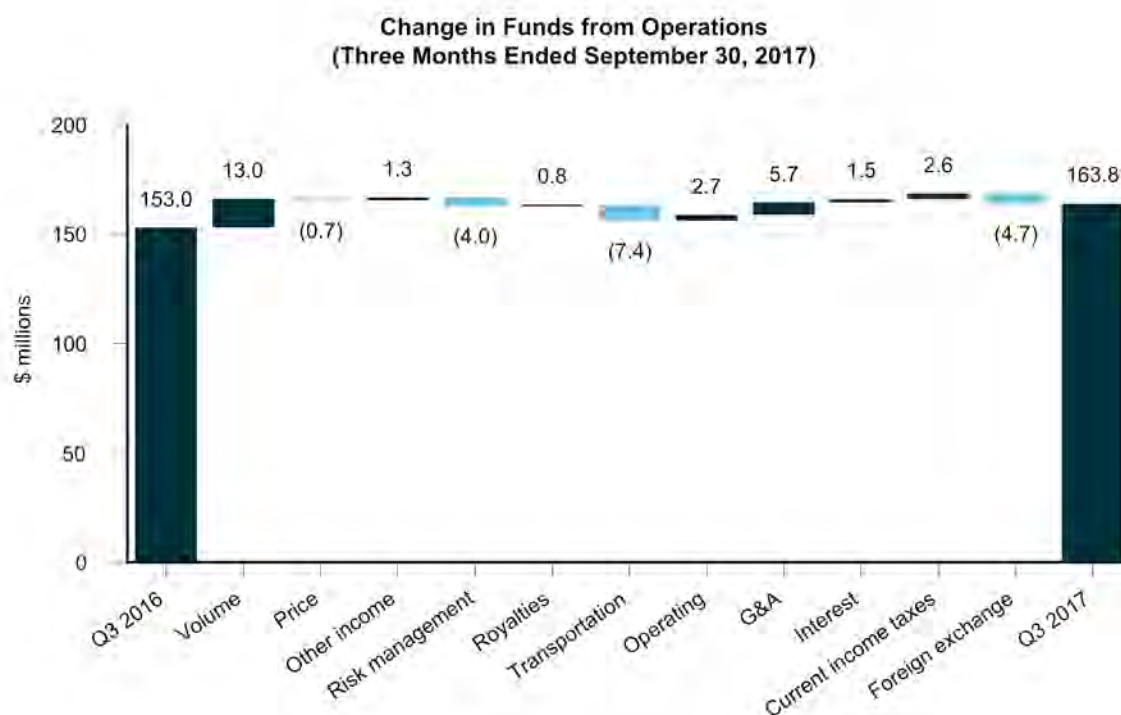
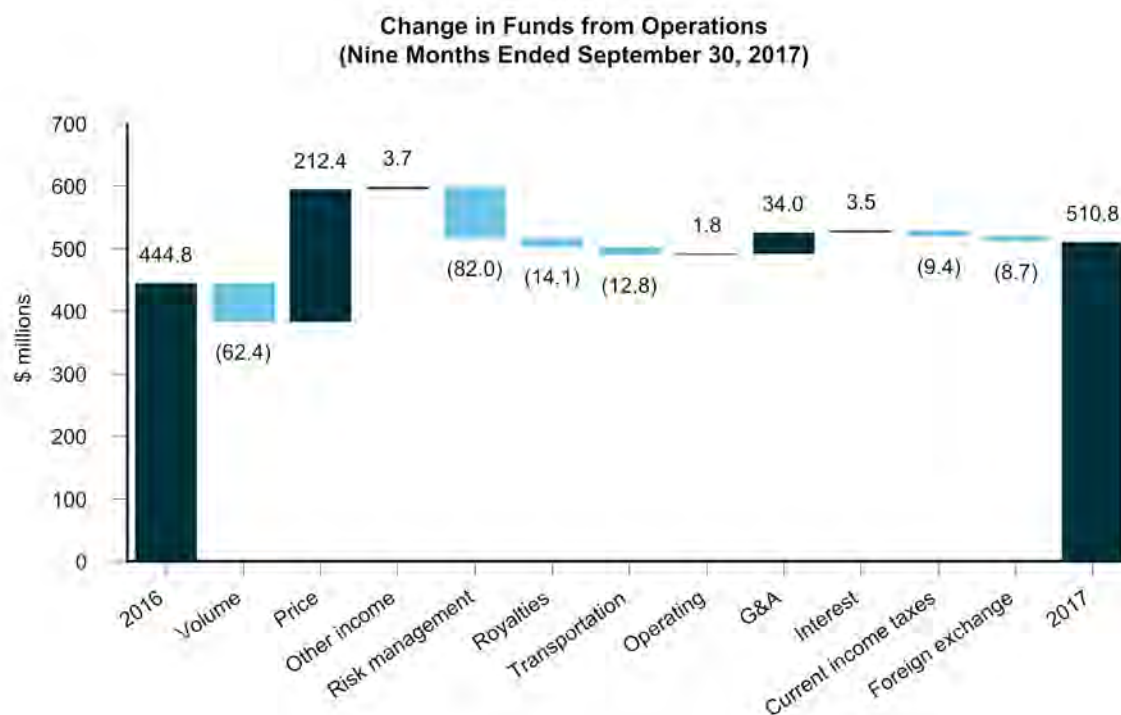


Exhibit 6a



## 2017 Net Income and Funds from Operations Sensitivity

Table 9 illustrates sensitivities of operating items (prior to the impact of gains or losses on risk management contracts) to operational and business environment changes and the resulting impact on net income and funds from operations:

**Table 9**

	Assumption	Change	Impact on Annual Funds from Operations <sup>(6)</sup>		Impact on Annual Net Income	
			Notional amount (\$ millions)	\$/Share	Notional amount (\$ millions)	\$/Share
<b>Business Environment <sup>(1)</sup></b>						
Crude oil price <sup>(2)(3)</sup>	58.66	1.00	8.5	0.024	8.5	0.024
Natural gas price <sup>(2)(3)</sup>	2.67	0.10	11.3	0.032	11.3	0.032
Cdn\$/US\$ exchange rate <sup>(2)(3)(4)</sup>	1.31	0.01	2.8	0.008	2.8	0.008
<b>Operational <sup>(5)</sup></b>						
Crude oil and liquids production volumes (bbl/d)	34,390	1.0%	4.2	0.012	2.8	0.008
Natural gas production volumes (MMcf/d)	510.1	1.0%	3.2	0.009	1.4	0.004
Operating expenses (\$/boe)	6.56	1.0%	2.1	0.006	2.1	0.006
G&A expenses (\$/boe)	1.59	1.0%	0.7	0.002	0.7	0.002

(1) Calculations are performed independently and may not be indicative of actual results that would occur when multiple variables change at the same time.

(2) Prices and rates are indicative of ARC's realized prices for the first nine months of 2017. See Table 14 of this MD&A for additional details. The calculated impact on funds from operations and net income would only be applicable within a limited range of these amounts.

(3) Analysis does not include the effect of risk management contracts.

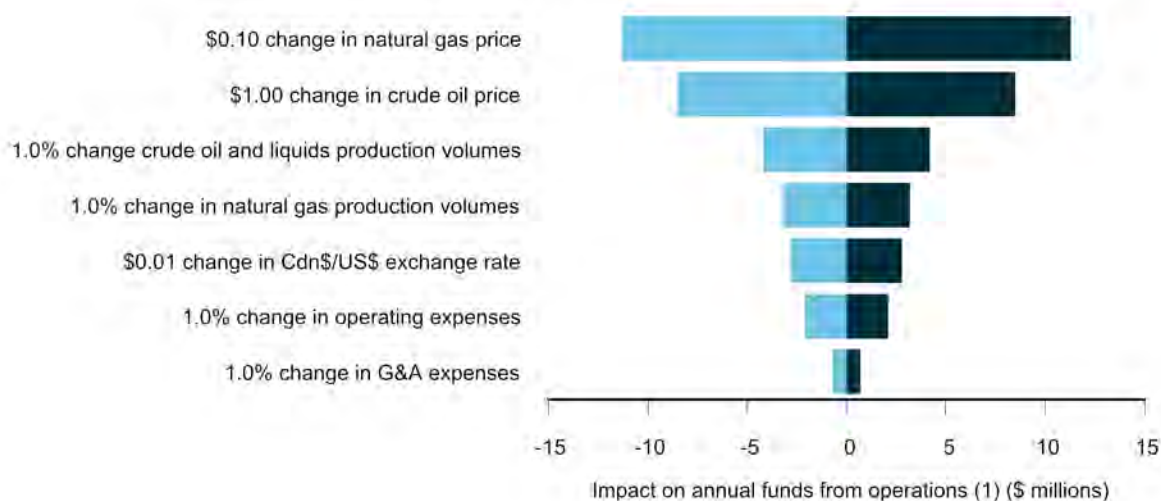
(4) Includes impact of foreign exchange on crude oil, condensate, and NGLs prices that are presented in US dollars.

(5) Operational assumptions are based upon results for the nine months ended September 30, 2017.

(6) Refer to Note 9 "Capital Management" in the financial statements and to the section entitled "Funds from Operations" contained within this MD&A.

## Exhibit 7

### Funds from Operations Sensitivity (Prior to Risk Management Contracts)



(1) Refer to Note 9 "Capital Management" in the financial statements and to the section entitled "Funds from Operations" contained within this MD&A.



## Production

**Table 10**

Production	Three Months Ended September 30			Nine Months Ended September 30		
	2017	2016	% Change	2017	2016	% Change
Light and medium crude oil (bbl/d)	<b>24,342</b>	28,908	(16)	<b>23,571</b>	31,484	(25)
Heavy crude oil (bbl/d)	<b>678</b>	734	(8)	<b>720</b>	572	26
Condensate (bbl/d)	<b>6,815</b>	3,562	91	<b>5,199</b>	3,579	45
Natural gas (MMcf/d)	<b>549.6</b>	466.7	18	<b>510.1</b>	474.6	7
NGLs (bbl/d)	<b>6,091</b>	4,221	44	<b>4,900</b>	4,292	14
Total production (boe/d)	<b>129,526</b>	115,205	12	<b>119,408</b>	119,027	—
Natural gas production (%)	<b>71</b>	68	4	<b>71</b>	66	8
Crude oil and liquids production (%)	<b>29</b>	32	(9)	<b>29</b>	34	(15)

During the three months ended September 30, 2017, crude oil and liquids production remained relatively unchanged as compared to the same period of the prior year. During the nine months ended September 30, 2017, crude oil and liquids production decreased 14 per cent as compared to the same period of the prior year. The decrease reflects the disposition of ARC's non-core Saskatchewan assets at the end of the fourth quarter of 2016 that had been producing approximately 7,500 barrels per day prior to disposal, as well as natural declines associated with reduced drilling activity in other non-core areas. Partially offsetting these decreases is the acquisition of certain properties throughout 2016 in the Pembina area of Alberta producing approximately 3,100 barrels per day, as well as increased liquids production from the Dawson Phase III facility in northeast British Columbia through the third quarter of 2017 following the early start-up of the facility in mid-June.

For the three and nine months ended September 30, 2017, natural gas production increased 18 per cent and seven per cent, respectively, as compared to the same periods of the prior year. The increase in both periods reflects the ramp up of production at the Dawson Phase III facility, as well as increased drilling and completions activity in northeast British Columbia. The increase is partially offset by the disposition of certain non-core assets in south central Alberta throughout 2016 which had been producing approximately 7.8 MMcf per day prior to disposal.

## Exhibit 8

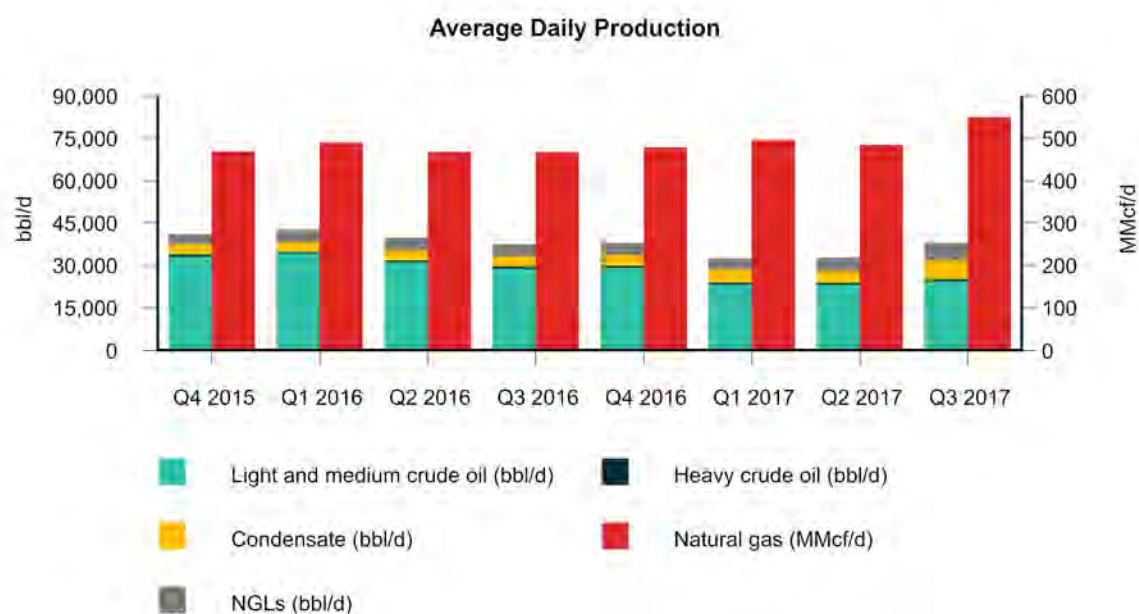


Table 11 summarizes ARC's production by core area for the third quarters of 2017 and 2016:

**Table 11**

Three Months Ended September 30, 2017					
Production	Total	Crude Oil	Condensate	Natural Gas	NGLs
Core Area	(boe/d)	(bbl/d)	(bbl/d)	(MMcf/d)	(bbl/d)
Dawson	42,529	—	2,387	233.9	1,161
Parkland/Tower	29,040	7,905	1,862	98.7	2,818
Sunrise	21,305	—	55	127.3	29
Ante Creek	15,759	5,594	502	50.3	1,273
Pembina <sup>(1)</sup>	10,302	7,708	186	11.8	449
All other <sup>(2)</sup>	10,591	3,813	1,823	27.6	361
<b>Total</b>	<b>129,526</b>	<b>25,020</b>	<b>6,815</b>	<b>549.6</b>	<b>6,091</b>

Three Months Ended September 30, 2016					
Production	Total	Crude Oil	Condensate	Natural Gas	NGLs
Core Area	(boe/d)	(bbl/d)	(bbl/d)	(MMcf/d)	(bbl/d)
Dawson	29,570	—	947	170.0	284
Parkland/Tower	24,066	5,332	1,342	94.0	1,729
Sunrise	19,693	—	79	117.5	24
Ante Creek	15,254	5,067	493	50.5	1,275
Pembina <sup>(1)</sup>	11,161	8,256	184	13.5	475
All other <sup>(2)</sup>	15,461	10,987	517	21.2	434
<b>Total</b>	<b>115,205</b>	<b>29,642</b>	<b>3,562</b>	<b>466.7</b>	<b>4,221</b>

(1) Throughout 2016, ARC acquired certain assets in this core area producing approximately 3,100 boe per day.

(2) During the fourth quarter of 2016, ARC disposed of its remaining non-core assets in Saskatchewan, which had been producing approximately 7,500 boe per day prior to disposal. An additional 1,300 boe per day of non-core assets were disposed throughout 2016.

**Exhibit 9**

**Production by Core Area  
(Three Months Ended September 30, 2017)**

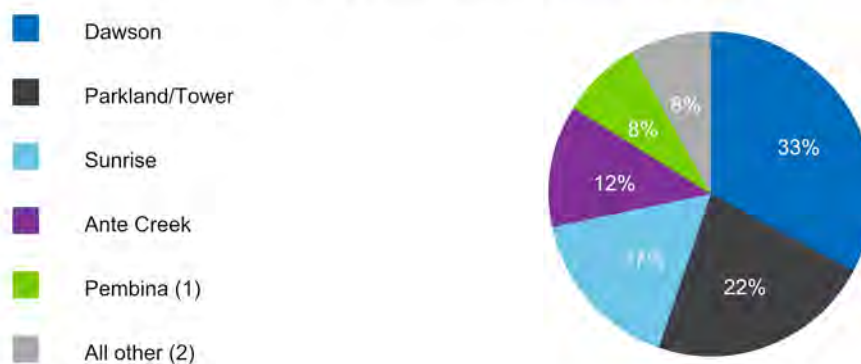


Table 11a

Nine Months Ended September 30, 2017					
Production	Total	Crude Oil	Condensate	Natural Gas	NGLs
Core Area	(boe/d)	(bbl/d)	(bbl/d)	(MMcf/d)	(bbl/d)
Dawson	35,040	—	1,474	197.8	605
Parkland/Tower	25,964	6,448	1,726	93.6	2,188
Sunrise	22,251	—	63	132.9	34
Ante Creek	16,148	5,769	459	51.8	1,289
Pembina <sup>(1)</sup>	10,699	8,084	177	11.9	454
All other <sup>(2)</sup>	9,306	3,990	1,300	22.1	330
<b>Total</b>	<b>119,408</b>	<b>24,291</b>	<b>5,199</b>	<b>510.1</b>	<b>4,900</b>

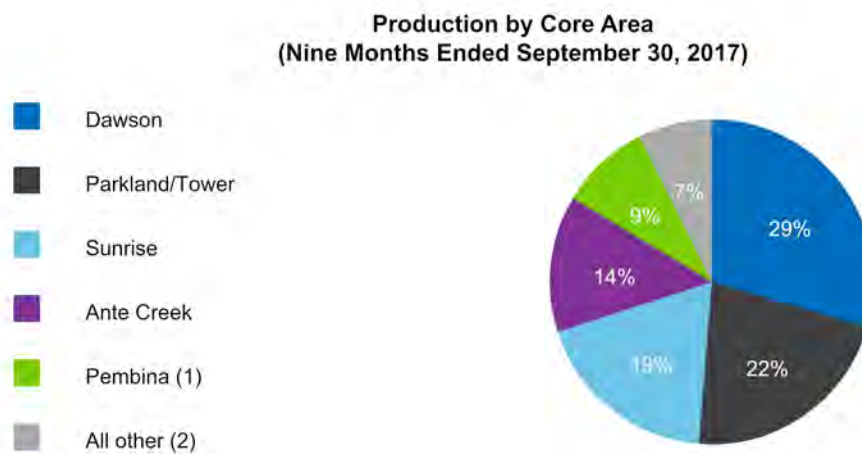
  

Nine Months Ended September 30, 2016					
Production	Total	Crude Oil	Condensate	Natural Gas	NGLs
Core Area	(boe/d)	(bbl/d)	(bbl/d)	(MMcf/d)	(bbl/d)
Dawson	29,263	—	915	168.7	230
Parkland/Tower	27,028	7,484	1,283	98.1	1,920
Sunrise	20,011	—	98	119.3	23
Ante Creek	15,655	5,397	472	51.5	1,196
Pembina <sup>(1)</sup>	10,038	7,252	179	12.9	459
All other <sup>(2)</sup>	17,032	11,923	632	24.1	464
<b>Total</b>	<b>119,027</b>	<b>32,056</b>	<b>3,579</b>	<b>474.6</b>	<b>4,292</b>

(1) Throughout 2016, ARC acquired certain assets in this core area producing approximately 3,100 boe per day.

(2) During the fourth quarter of 2016, ARC disposed of its remaining non-core assets in Saskatchewan, which had been producing approximately 7,500 boe per day prior to disposal. An additional 1,300 boe per day of non-core assets were disposed throughout 2016.

Exhibit 9a



## Sales of Crude Oil, Natural Gas, Condensate, NGLs and Other Income

Sales revenue from crude oil, natural gas, condensate, NGLs and other income increased by five per cent and 21 per cent for the three and nine months ended September 30, 2017, respectively, compared to the same periods in 2016. The increase for the three months ended September 30, 2017 primarily reflects higher average realized crude oil and liquids prices as well as higher natural gas volumes which is partially offset by lower average natural gas prices. The increase for the nine months ended September 30, 2017 primarily reflects higher average realized commodity prices and is partially offset by decreased crude oil production volumes.

A breakdown of sales revenue by product is outlined in Table 12:

**Table 12**

Sales Revenue by Product (\$ millions)	Three Months Ended September 30			Nine Months Ended September 30		
	2017	2016	% Change	2017	2016	% Change
Crude oil	126.3	143.0	(12)	389.0	417.9	(7)
Condensate	34.0	16.7	104	83.4	47.2	77
Natural gas	101.4	100.7	1	371.4	251.3	48
NGLs	15.9	4.9	224	36.2	13.6	166
Total sales revenue from crude oil, natural gas, condensate and NGLs	277.6	265.3	5	880.0	730.0	21
Other income	1.6	0.3	433	5.4	1.7	218
Total sales revenue	279.2	265.6	5	885.4	731.7	21

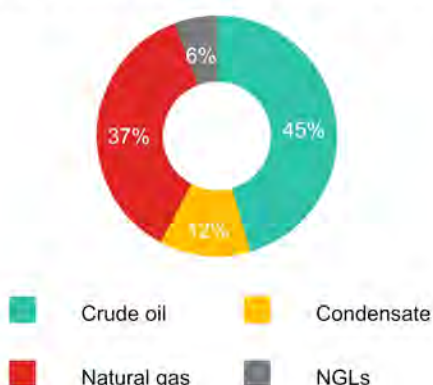
While ARC's production mix on a per boe basis is weighted more heavily to natural gas than to crude oil and liquids, ARC's sales revenue contribution is more heavily weighted to crude oil and liquids production as shown by the table below:

**Table 13**

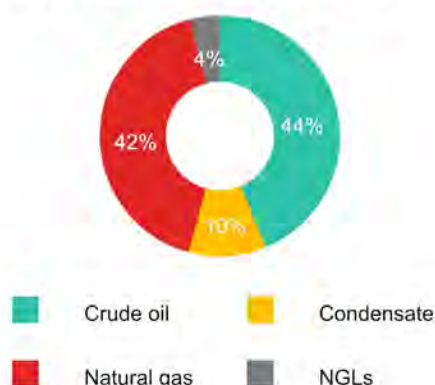
Sales Revenue by Product Type	Three Months Ended September 30		Nine Months Ended September 30	
	2017	2016	2017	2016
	% of Total Sales Revenue	% of Total Sales Revenue	% of Total Sales Revenue	% of Total Sales Revenue
Crude oil and liquids	63	62	58	66
Natural gas	37	38	42	34
Total sales revenue from crude oil, natural gas, condensate and NGLs	100	100	100	100

**Exhibit 10**

**Sales Revenue by Product  
(Three Months Ended September 30, 2017)**



**Sales Revenue by Product  
(Nine Months Ended September 30, 2017)**


**Commodity Prices Prior to Gains or Losses on Risk Management Contracts**
**Table 14**

	Three Months Ended September 30			Nine Months Ended September 30		
	2017	2016	% Change	2017	2016	% Change
<b>Average Benchmark Prices</b>						
NYMEX Henry Hub Last Day Settlement (US\$/MMBtu)	3.00	2.81	7	3.17	2.29	38
Chicago Citygate Monthly Index (US\$/MMBtu)	2.84	2.76	3	3.08	2.32	33
AECO 7A Monthly Index (Cdn\$/Mcf)	2.04	2.20	(7)	2.58	1.85	39
WTI crude oil (US\$/bbl)	48.20	44.94	7	49.36	41.53	19
Cdn\$/US\$ exchange rate	1.25	1.31	(5)	1.31	1.32	(1)
WTI crude oil (Cdn\$/bbl)	60.25	58.87	2	64.53	54.82	18
Mixed Sweet Stream Price at Edmonton (Cdn\$/bbl)	56.77	54.80	4	60.75	50.18	21
<b>ARC Average Realized Prices Prior to Gains or Losses on Risk Management Contracts</b>						
Crude oil (\$/bbl)	54.82	52.43	5	58.66	47.57	23
Condensate (\$/bbl)	54.28	50.81	7	58.76	48.16	22
Natural gas (\$/Mcf)	2.01	2.35	(14)	2.67	1.93	38
NGLs (\$/bbl)	28.37	12.67	124	27.05	11.56	134
Total average realized commodity price prior to other income and gains or losses on risk management contracts (\$/boe)	23.29	25.03	(7)	27.00	22.38	21
Other income (\$/boe)	0.13	0.02	550	0.16	0.05	220
Total average realized price prior to gains or losses on risk management contracts (\$/boe)	23.42	25.05	(7)	27.16	22.43	21

During the three and nine months ended September 30, 2017, WTI increased seven per cent and 19 per cent, respectively, as compared to the same periods in 2016. ARC's realized crude oil price increased five per cent and 23 per cent, respectively, over the same time periods as compared to the prior year. For the three and nine months ended September 30, 2017, the differential between WTI and the Mixed Sweet Stream Price at Edmonton for crude oil narrowed to an average discount of US\$2.88 per barrel and US\$2.89 per barrel compared to US\$2.95 per barrel and US\$3.81 per barrel in the same periods in 2016, respectively. These factors had a positive impact on ARC's average realized crude oil prices in the three and nine months ended September 30, 2017. Partially offsetting these factors was the strengthening of the average exchange rate for the Canadian dollar as compared to the US dollar for the three and nine months ended September 30, 2017 by five per cent and one per cent, respectively, as compared to the same periods in 2016.

ARC is diversified physically and financially to multiple natural gas sales points including AECO, Station 2 and Chicago hubs. ARC's realized natural gas price decreased by 14 per cent during the third quarter of 2017 as compared to the same period in 2016. The price that ARC receives for its natural gas is primarily benchmarked against the AECO monthly index, which was seven per cent lower in the third quarter of 2017 as compared to the same period of the prior year. ARC's US Midwest price exposure helped offset significant weakness in the AECO and Station 2 cash markets in the third quarter of 2017. Additionally, realized gains on natural gas risk management contracts added a further \$0.87/Mcf, which is not included in ARC's realized natural gas price.

For the nine months ended September 30, 2017, ARC's realized natural gas price increased by 38 per cent compared to the same period in 2016, consistent with increases in benchmark natural gas prices over the same periods. ARC's realized natural gas price was higher than the AECO monthly index price for the nine months ended September 30, 2017 as a portion of ARC's production is sold at US Midwest pricing points which settled on average above the AECO monthly index. During the nine months ended September 30, 2017, realized gains on natural gas risk management contracts added an additional \$0.72/Mcf, which is not included in ARC's realized natural gas price. Refer to the Risk Management section contained within this MD&A.

## Risk Management

ARC maintains a risk management program to reduce the volatility of sales revenues, increase the certainty of funds from operations, and to protect acquisition and development economics. ARC's risk management program is governed by certain guidelines approved by ARC's Board of Directors (the "Board").

Gains and losses on risk management contracts are composed of both realized gains and losses, representing the portion of risk management contracts that have settled in cash during the period, and unrealized gains or losses that represent the change in the mark-to-market position of those contracts throughout the period. ARC does not employ hedge accounting for any of its risk management contracts currently in place. ARC considers all of its risk management contracts to be effective economic hedges of its underlying business transactions.

Table 15 summarizes the total gain or loss on risk management contracts for the third quarter of 2017 compared to the same period in 2016:

**Table 15**

<b>Risk Management Contracts</b> (\$ millions)	<b>Crude Oil &amp; Liquids</b>	<b>Natural Gas</b>	<b>Power</b>	<b>Q3 2017 Total</b>	<b>Q3 2016 Total</b>
Realized gain on contracts <sup>(1)</sup>	1.0	44.2	0.3	<b>45.5</b>	49.5
Unrealized gain (loss) on contracts <sup>(2)</sup>	(18.1)	2.2	0.4	<b>(15.5)</b>	3.3
Gain (loss) on risk management contracts	<b>(17.1)</b>	<b>46.4</b>	<b>0.7</b>	<b>30.0</b>	52.8

(1) Represents actual cash settlements under the respective contracts.

(2) Represents the change in fair value of the contracts during the period.

Table 15a summarizes the total gain or loss on risk management contracts for the nine months ended September 30, 2017 compared to the same period in 2016:

**Table 15a**

<b>Risk Management Contracts</b> (\$ millions)	<b>Crude Oil &amp; Liquids</b>	<b>Natural Gas</b>	<b>Power</b>	<b>2017 YTD Total</b>	<b>2016 YTD Total</b>
Realized gain (loss) on contracts <sup>(1)</sup>	1.3	100.9	(1.0)	<b>101.2</b>	183.2
Unrealized gain (loss) on contracts <sup>(2)</sup>	52.8	46.7	2.3	<b>101.8</b>	(153.4)
Gain on risk management contracts	<b>54.1</b>	<b>147.6</b>	<b>1.3</b>	<b>203.0</b>	29.8

(1) Represents actual cash settlements under the respective contracts.

(2) Represents the change in fair value of the contracts during the period.

During the three and nine months ended September 30, 2017, ARC recorded gains of \$30.0 million and \$203.0 million, respectively, on its risk management contracts. These gains comprised realized gains of \$45.5 million and unrealized losses of \$15.5 million for the third quarter and realized gains of \$101.2 million and unrealized gains of \$101.8 million for the nine months ended September 30, 2017. The realized gains primarily reflect positive cash settlements received on NYMEX Henry Hub natural gas contracts with an average price of US\$4.00/MMBtu and on AECO basis swaps at an average ratio of 89.7 per cent, as well as AECO basis swaps at a fixed price of \$(0.81)/MMBtu.

ARC's unrealized crude oil losses for the three months ended September 30, 2017 reflect higher WTI forward curves, while the unrealized crude oil gains for the nine months ended September 30, 2017 reflect lower period over period

forward curves for WTI. Year-to-date unrealized gains on natural gas contracts reflect lower forward curves for NYMEX Henry Hub and AECO, as well as a widening of the AECO basis differential forward curve. The positive settlement of expired positions slightly offset the gains for both crude oil and natural gas.

Table 16 summarizes the average crude oil and natural gas volumes associated with ARC's risk management contracts as at the date of this MD&A. For a complete listing and terms of ARC's risk management contracts at September 30, 2017, see Note 10 "Financial Instruments and Market Risk Management" in the financial statements.

Table 16

Risk Management Contracts Positions Summary <sup>(1)</sup>												
As at November 9, 2017	Q4 2017		2018		2019		2020		2021		2022	
Crude Oil – WTI <sup>(2)</sup>	US\$/bbl	bbl/day	US\$/bbl	bbl/day	US\$/bbl	bbl/day	US\$/bbl	bbl/day	US\$/bbl	bbl/day	US\$/bbl	bbl/day
Ceiling	56.22	14,000	65.39	4,000	65.63	2,000	—	—	—	—	—	—
Floor	45.71	14,000	50.00	4,000	50.00	2,000	—	—	—	—	—	—
Sold Floor	35.23	11,000	40.00	4,000	40.00	2,000	—	—	—	—	—	—
Sold Swaption <sup>(3)</sup>	—	—	54.00	2,000	—	—	—	—	—	—	—	—
Crude Oil – Cdn\$ WTI <sup>(4)</sup>	Cdn\$/bbl	bbl/day	Cdn\$/bbl	bbl/day	Cdn\$/bbl	bbl/day	Cdn\$/bbl	bbl/day	Cdn\$/bbl	bbl/day	Cdn\$/bbl	bbl/day
Ceiling	—	—	76.25	2,000	—	—	—	—	—	—	—	—
Floor	—	—	65.00	2,000	—	—	—	—	—	—	—	—
Swap	—	—	72.52	6,000	—	—	—	—	—	—	—	—
Total Crude Oil Volumes (bbl/day)	14,000		12,000		2,000		—		—		—	
Crude Oil – MSW (Differential to WTI) <sup>(5)</sup>	US\$/bbl	bbl/day	US\$/bbl	bbl/day	US\$/bbl	bbl/day	US\$/bbl	bbl/day	US\$/bbl	bbl/day	US\$/bbl	bbl/day
Swap	(3.22)	10,000	(3.38)	7,000	—	—	—	—	—	—	—	—
Natural Gas – NYMEX Henry Hub <sup>(6)</sup>	US\$/MMBtu	MMBtu/day	US\$/MMBtu	MMBtu/day	US\$/MMBtu	MMBtu/day	US\$/MMBtu	MMBtu/day	US\$/MMBtu	MMBtu/day	US\$/MMBtu	MMBtu/day
Ceiling	3.37	20,000	3.64	80,000	3.35	80,000	3.32	50,000	3.32	50,000	3.42	5,000
Floor	3.00	20,000	3.00	80,000	2.75	80,000	2.75	50,000	2.75	50,000	2.50	5,000
Sold Floor	—	—	2.50	80,000	2.25	80,000	2.25	50,000	2.25	50,000	—	—
Swap	4.00	145,000	4.00	90,000	4.00	40,000	—	—	—	—	—	—
Natural Gas – AECO <sup>(7)</sup>	Cdn\$/GJ	GJ/day	Cdn\$/GJ	GJ/day	Cdn\$/GJ	GJ/day	Cdn\$/GJ	GJ/day	Cdn\$/GJ	GJ/day	Cdn\$/GJ	GJ/day
Ceiling	—	—	—	—	3.30	10,000	3.60	30,000	—	—	—	—
Floor	—	—	—	—	3.00	10,000	3.08	30,000	—	—	—	—
Swap	2.81	93,261	2.99	44,932	3.16	20,000	3.35	30,000	—	—	—	—
Total Natural Gas Volumes (MMBtu/day)	253,394		212,587		148,435		106,869		50,000		5,000	
Natural Gas – AECO Basis (Percentage of NYMEX)	AECO/ NYMEX	MMBtu/day	AECO/ NYMEX	MMBtu/day	AECO/ NYMEX	MMBtu/day	AECO/ NYMEX	MMBtu/day	AECO/ NYMEX	MMBtu/day	AECO/ NYMEX	MMBtu/day
Sold Swap	89.7	145,000	84.9	90,000	83.7	40,000	—	—	—	—	—	—
Natural Gas – AECO Basis (Differential to NYMEX)	US\$/MMBtu	MMBtu/day	US\$/MMBtu	MMBtu/day	US\$/MMBtu	MMBtu/day	US\$/MMBtu	MMBtu/day	US\$/MMBtu	MMBtu/day	US\$/MMBtu	MMBtu/day
Sold Swap	(0.81)	70,000	(0.85)	88,384	(0.80)	108,384	(0.76)	90,000	(0.94)	30,000	—	—
Bought Swap	(1.19)	(50,000)	—	—	—	—	—	—	—	—	—	—
Total AECO Basis Volumes (MMBtu/day)	165,000		178,384		148,384		90,000		30,000		—	
Natural Gas - Other Basis (Differential to NYMEX) <sup>(8)</sup>	MMBtu/day		MMBtu/day		MMBtu/day		MMBtu/day		MMBtu/day		MMBtu/day	
Sold Swap	—		—		40,000		40,000		40,000		15,000	

(1) The prices and volumes in this table represent averages for several contracts representing different periods. The average price for the portfolio of options listed above does not have the same payoff profile as the individual option contracts. Viewing the average price of a group of options is purely for indicative purposes. All positions are financially settled against the benchmark prices.

(2) Crude oil prices referenced to WTI.

(3) The sold swaption allows the counterparty, at a specified future date, to enter into a swap with ARC at the above-detailed terms. The volumes are not included in the total crude oil volumes until such time that the option is exercised.

(4) Crude oil prices referenced to WTI, multiplied by the WM/Reuters Intra-day Spot Rate as of Noon EST.

(5) MSW differential refers to the discount between WTI and the mixed sweet crude grade at Edmonton, calculated on a monthly weighted average basis in US\$.

(6) Natural gas prices referenced to NYMEX Henry Hub Last Day Settlement.

(7) Natural gas prices referenced to AECO 7A Monthly Index.

(8) ARC has entered into basis swaps at locations other than AECO.



The fair value of ARC's risk management contracts at September 30, 2017 was a net asset of \$257.9 million, representing the expected market price to settle ARC's contracts at the balance sheet date after any adjustments for credit risk. This may differ from what will eventually be settled in future periods.

#### Exhibit 11



#### Operating Netbacks

ARC's 2017 third quarter and year-to-date operating netbacks prior to realized gains on risk management were \$12.64 per boe and \$15.55 per boe, representing a decrease of six per cent and an increase of 33 per cent as compared to the same periods in 2016, respectively.

ARC's 2017 third quarter and year-to-date operating netbacks including realized gains on risk management were \$16.45 per boe and \$18.65 per boe, representing a decrease of nine per cent and an increase of eight per cent as compared to the same period in 2016, respectively.

The components of operating netbacks for the three and nine months ended September 30, 2017 compared to the same periods in 2016 are summarized in Table 17:

**Table 17**

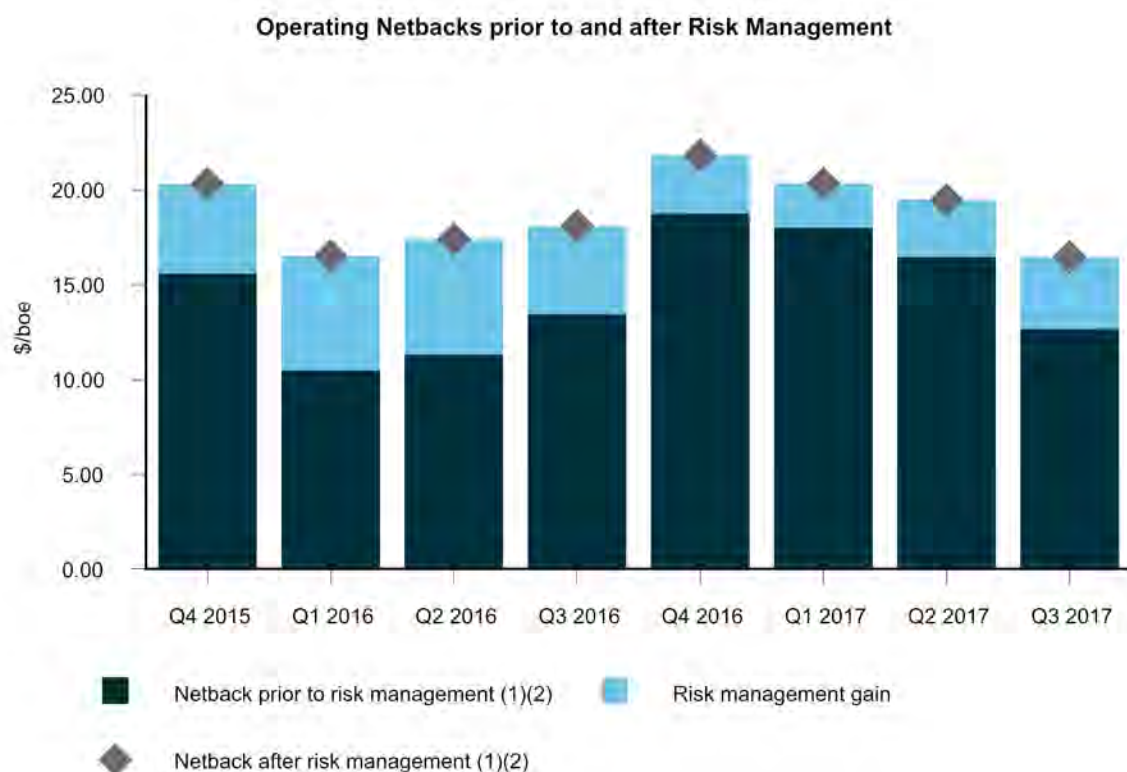
	Three Months Ended September 30			Nine Months Ended September 30		
	2017	2016	% Change	2017	2016	% Change
<b>Netbacks (\$ per boe) <sup>(1)</sup></b>						
Total sales <sup>(2)</sup>	<b>23.29</b>	25.03	(7)	<b>27.00</b>	22.38	21
Royalties	<b>(1.85)</b>	(2.16)	(14)	<b>(2.34)</b>	(1.91)	23
Transportation	<b>(2.47)</b>	(2.08)	19	<b>(2.55)</b>	(2.15)	19
Operating expenses <sup>(3)</sup>	<b>(6.33)</b>	(7.37)	(14)	<b>(6.56)</b>	(6.61)	(1)
Netback prior to gain on risk management contracts	<b>12.64</b>	13.42	(6)	<b>15.55</b>	11.71	33
Realized gain on risk management contracts	<b>3.81</b>	4.67	(18)	<b>3.10</b>	5.62	(45)
Netback after gain on risk management contracts	<b>16.45</b>	18.09	(9)	<b>18.65</b>	17.33	8

(1) Non-GAAP measure which may not be comparable to similar non-GAAP measures used by other entities. Refer to the section entitled "Non-GAAP Measures" contained within this MD&A.

(2) Total sales revenue excludes other income of \$1.6 million and \$5.4 million for the three and nine months ended September 30, 2017 (\$0.3 million and \$1.7 million for the three and nine months ended September 30, 2016), respectively.

(3) Composed of direct costs incurred to operate crude oil and natural gas wells.

## Exhibit 12



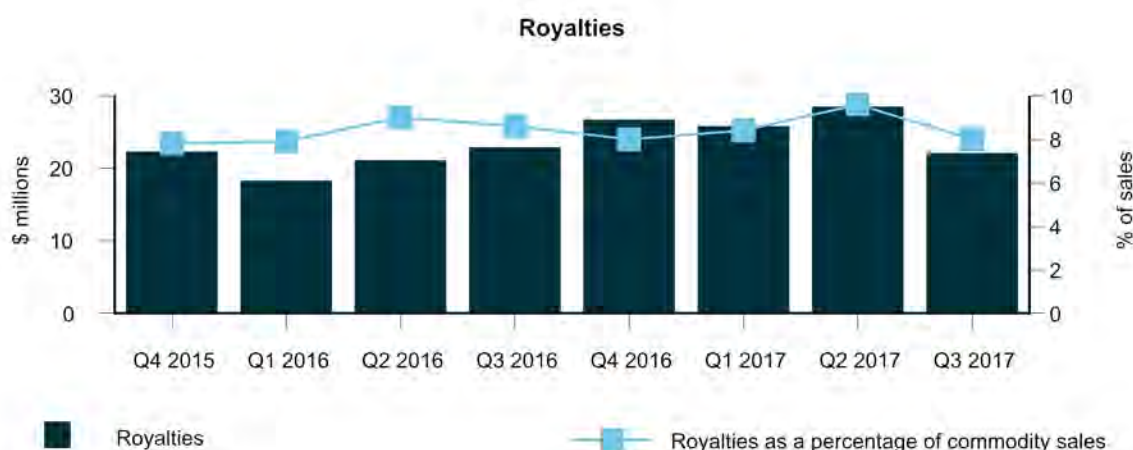
(1) Non-GAAP measure which may not be comparable to similar non-GAAP measures used by other entities. Refer to the section entitled "Non-GAAP Measures" contained within this MD&A.

(2) Netbacks have been calculated excluding other income.

## Royalties

Total royalties as a percentage of commodity sales revenue decreased from 8.6 per cent (\$2.16 per boe) in the third quarter of 2016 to 8.0 per cent (\$1.85 per boe) in the third quarter of 2017. The decrease reflects the sliding scale effect of decreased natural gas prices on royalty rates compared to the same period of the prior year. For the nine months ended September 30, 2017, total royalties represented 8.7 per cent of commodity sales revenue (\$2.34 per boe) as compared to 8.5 per cent (\$1.91 per boe) for the same period in 2016. Royalties have increased as a result of some Alberta wells completing their eligibility period for reduced royalty rates, coupled with increased royalty obligations associated with higher commodity prices.

## Exhibit 13



## Operating and Transportation Expenses

Operating expenses decreased by \$2.7 million in the third quarter of 2017 as compared to the third quarter of 2016, primarily due to operating cost reductions from the disposition of certain non-core properties that had higher average operating costs throughout 2016. On a per boe basis, operating expenses decreased \$1.04 per boe to \$6.33 per boe in the third quarter of 2017 compared to \$7.37 per boe in the third quarter of 2016.

For the nine months ended September 30, 2017, operating expenses decreased by \$1.8 million or \$0.05 per boe to \$213.9 million and \$6.56 per boe compared to the prior year. The decrease is mainly a result of reductions associated with the disposition of certain non-core assets in 2016, as well as increased production volumes from new natural gas wells with relatively lower average operating costs. These decreases were partially offset by increased maintenance and workover activity in ARC's core assets in the nine months ended September 30, 2017 compared to the same period of 2016.

## Exhibit 14



Transportation expenses increased by \$7.4 million or 33 per cent in the third quarter of 2017 as compared to the third quarter of 2016. On a per boe basis, transportation costs have also increased \$0.39 per boe or 19 per cent to \$2.47 per boe during the third quarter of 2017 compared to \$2.08 per boe in the third quarter of 2016. During the third quarter of 2017, additional transportation costs were incurred to mitigate the impact of third-party pipeline disruptions on production volumes.

For the nine months ended September 30, 2017, transportation expenses increased by \$12.8 million or 18 per cent compared to the prior year. On a per boe basis, transportation costs have also increased \$0.40 per boe or 19 per cent to \$2.55 per boe for the nine months ended September 30, 2017 compared to \$2.15 per boe in the same period of the prior year. The increase in transportation expenses reflects increased natural gas tolls throughout 2017, as well as additional transportation costs incurred in 2017 to mitigate the effect of third-party pipeline disruptions. These increases were partially offset by the decrease in crude oil transportation expenses as a result of the disposition of certain non-core properties at the end of 2016.

#### Exhibit 15



#### G&A Expenses and Share-Based Compensation

G&A expenses before share-based compensation expenses decreased by 11 per cent to \$13.7 million in the third quarter of 2017 from \$15.4 million in the third quarter of 2016. The decrease was primarily due to increased capitalized G&A attributed to higher capital spending in the third quarter of 2017 compared to the same period of the prior year.

For the nine months ended September 30, 2017, ARC's G&A prior to share-based compensation expense was \$46.5 million, a \$7.0 million decrease from the same period in 2016. The decrease is also mainly due to increased capitalized G&A attributed to higher capital spending. The decrease was partially offset by a \$2.4 million provision recognized in the second quarter of 2017 for onerous contracts related to ARC's tenant subleases at ARC's corporate office.

Table 18 is a breakdown of G&A and share-based compensation expenses:

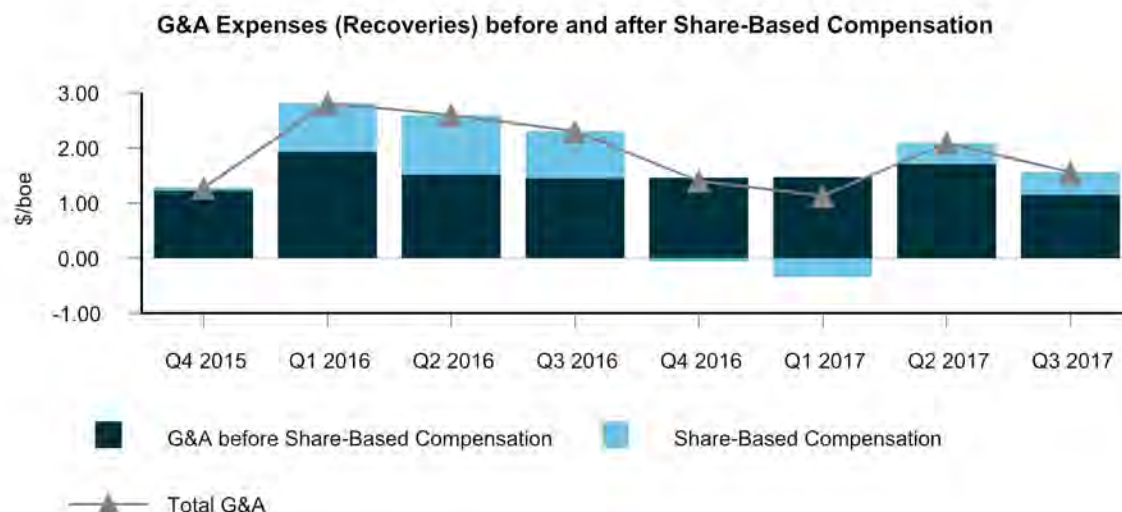
**Table 18**

	Three Months Ended September 30			Nine Months Ended September 30		
<b>G&amp;A and Share-Based Compensation</b>						
(\$ millions, except per boe)	2017	2016	% Change	2017	2016	% Change
G&A expenses before share-based compensation expenses <sup>(1)</sup>	13.7	15.4	(11)	46.5	53.5	(13)
G&A – share-based compensation expenses <sup>(2)</sup>	4.9	9.0	(46)	5.4	30.6	(82)
Total G&A	18.6	24.4	(24)	51.9	84.1	(38)
G&A expenses before share-based compensation expenses per boe	1.15	1.45	(21)	1.43	1.64	(13)
G&A – share-based compensation expenses per boe	0.41	0.85	(52)	0.16	0.94	(83)
Total G&A expenses per boe	1.56	2.30	(32)	1.59	2.58	(38)

(1) Includes expenses recognized under the DSU Plan.

(2) Comprises expenses recognized under the RSU and PSU, Share Option and LTRSA Plans.

**Exhibit 16**



## Share-Based Compensation Plans

### Restricted Share Unit and Performance Share Unit Plan

For a description of ARC's various share-based compensation plans and related accounting policies, refer to Note 3 "Summary of Accounting Policies" and Note 19 "Share-Based Compensation Plans" of ARC's audited consolidated financial statements as at and for the year ended December 31, 2016.

During the three and nine months ended September 30, 2017, ARC recorded G&A expenses of \$3.6 million and \$1.6 million in accordance with the RSU and PSU Plan, as compared to expenses of \$7.7 million and \$26.4 million during the same periods of the prior year, respectively. ARC recognized lower expenses for the three and nine months ended September 30, 2017 as compared to the same periods in 2016 primarily due to the valuation of awards at September 30, 2017. ARC's TSX share price increased marginally from \$16.96 per share outstanding at June 30, 2017 to \$17.19 per share outstanding at September 30, 2017 and has decreased \$5.92 per share outstanding since December 31, 2016. This is compared to increases of \$1.62 and \$7.03 per share outstanding during the same periods of the prior year, respectively.

During the nine months ended September 30, 2017, ARC made cash payments of \$22.0 million in respect of the RSU and PSU Plan (\$25.8 million for the nine months ended September 30, 2016). Of these payments, \$17.8 million were

in respect of amounts recorded to G&A expenses (\$20.2 million for the nine months ended September 30, 2016) and \$4.2 million were in respect of amounts recorded to operating expenses and capitalized as PP&E and E&E assets (\$5.6 million for the nine months ended September 30, 2016). These amounts were accrued in prior periods.

Table 19 shows the changes to the RSU and PSU Plan during 2017:

**Table 19**

RSU and PSU Plan (number of units, thousands)	RSUs	PSUs <sup>(1)</sup>	Total RSUs and PSUs
Balance, December 31, 2016	690	1,708	2,398
Granted	425	657	1,082
Distributed	(302)	(391)	(693)
Forfeited	(61)	(135)	(196)
Balance, September 30, 2017	<b>752</b>	<b>1,839</b>	<b>2,591</b>

(1) Based on underlying units before any effect of the performance multiplier.

Due to the variability in the future payments under the plan, ARC estimates that between \$13.2 million and \$78.4 million will be paid out in 2018 through 2020 based on the current share price, accrued dividends, and ARC's market performance relative to its peers. Table 20 is a summary of the range of future expected payments under the RSU and PSU Plan based on variability of the performance multiplier and units outstanding under the RSU and PSU Plan as at September 30, 2017:

**Table 20**

Value of RSU and PSU Plan as at September 30, 2017	Performance multiplier		
(units thousands and \$ millions, except per share)	—	1.0	2.0
Estimated units to vest			
RSUs	768	768	768
PSUs	—	1,902	3,804
Total units <sup>(1)</sup>	<b>768</b>	<b>2,670</b>	<b>4,572</b>
Share price <sup>(2)</sup>	17.19	17.19	17.19
Value of RSU and PSU Plan upon vesting	<b>13.2</b>	<b>45.9</b>	<b>78.4</b>
2018	6.4	16.9	27.3
2019	4.4	15.3	26.2
2020	2.4	13.7	24.9

(1) Includes additional estimated units to be issued under the RSU and PSU Plan for dividends accrued to date.

(2) Per share outstanding. Values will fluctuate over the vesting period based on the volatility of the underlying share price. Assumes a future share price of \$17.19, which is based on the TSX closing share price at September 30, 2017.

### Deferred Share Unit Plan

At September 30, 2017, ARC had 0.4 million DSUs outstanding under this plan. For the three and nine months ended September 30, 2017, a G&A expense of \$0.7 million and recovery of \$0.9 million were recorded in relation to the DSU Plan (G&A expenses of \$1.2 million and \$4.0 million for the same periods in 2016), respectively.

### Share Option Plan

At September 30, 2017, ARC had 5.0 million share options outstanding, representing 1.4 per cent of outstanding shares, with a weighted average exercise price of \$19.64 per share. At September 30, 2017, approximately 1.3 million share options were exercisable with a weighted average exercise price of \$17.77 per share. ARC recorded compensation expense of \$1.2 million and \$2.7 million relating to the share option plan for the three and nine months ended September 30, 2017 (\$1.1 million and \$3.2 million for the three and nine months ended September 30, 2016), respectively. On June 21, 2017, ARC granted 1.3 million options to officers and certain employees at ARC under the Share Option Plan.

## Long-term Restricted Share Award Plan

At September 30, 2017, ARC had 0.3 million restricted shares outstanding under this plan. ARC recorded G&A expenses of \$0.1 million and \$1.1 million relating to the LTRSA Plan during the three and nine months ended September 30, 2017 (\$0.2 million and \$1.0 million for the three and nine months ended September 30, 2016), respectively. On June 21, 2017, ARC granted 0.1 million restricted shares to officers and certain employees at ARC under the LTRSA Plan.

## Interest and Financing Charges

Interest and financing charges decreased 12 per cent to \$11.0 million in the third quarter of 2017 from \$12.5 million in the third quarter of 2016. For the nine months ended September 30, 2017, interest and financing charges were \$34.4 million as compared to \$37.9 million for the same period in 2016, a decrease of nine per cent. The decrease for the three and nine months ended September 30, 2017 compared to the same period of the prior year is due to principal repayments that were made throughout 2016 and 2017.

At September 30, 2017, ARC had \$0.9 billion of long-term debt outstanding, including a current portion of \$85.5 million that is due for repayment within the next 12 months. ARC's long-term debt has a fixed weighted average interest rate of 4.32 per cent. 96 per cent (US\$705.4 million) of ARC's debt outstanding is denominated in US dollars.

## Foreign Exchange Gains and Losses

ARC recorded a foreign exchange gain of \$27.9 million in the third quarter of 2017 compared to a loss of \$8.7 million in the third quarter of 2016. During the three months ended September 30, 2016, the value of the US dollar relative to the Canadian dollar increased slightly to \$1.31 at September 30, 2016 from \$1.30 at June 30, 2017. During the three months ended September 30, 2017, the value of the US dollar relative to the Canadian dollar decreased to \$1.25 from \$1.30 at June 30, 2017, resulting in an unrealized gain on the revaluation of ARC's US dollar denominated debt.

For the nine months ended September 30, 2017, ARC recorded a foreign exchange gain of \$56.3 million compared to a gain of \$56.6 million for the same period in the prior year. During the nine months ended September 30, 2016, the value of the US dollar relative to the Canadian dollar decreased to \$1.31 at September 30, 2016 from \$1.38 at December 31, 2015. During the nine months ended September 30, 2017, the value of the US dollar relative to the Canadian dollar also decreased to \$1.25 at September 30, 2017 from \$1.34 at December 31, 2016, resulting in a higher unrealized gain on the revaluation of ARC's US dollar denominated debt compared to the same period in 2016.

Partially offsetting the increased unrealized foreign exchange gains in both the three and nine months ended September 30, 2017 were higher realized foreign exchange losses on US denominated cash held by the Company throughout the period.

Table 21 shows the various components of foreign exchange gains and losses:

**Table 21**

	Three Months Ended September 30			Nine Months Ended September 30		
<b>Foreign Exchange Gains and Losses</b> (\$ millions)	<b>2017</b>	<b>2016</b>	<b>% Change</b>	<b>2017</b>	<b>2016</b>	<b>% Change</b>
Unrealized gain (loss) on US denominated debt	<b>33.6</b>	(7.7)	(536)	<b>66.0</b>	57.6	15
Realized loss on US denominated transactions	<b>(5.7)</b>	(1.0)	470	<b>(9.7)</b>	(1.0)	870
Total foreign exchange gain (loss)	<b>27.9</b>	(8.7)	(421)	<b>56.3</b>	56.6	(1)

## Taxes

ARC recorded a current income tax recovery of \$0.6 million in the third quarter of 2017 as compared to a \$2.0 million expense during the third quarter of 2016. This decrease in current tax expense for the third quarter of 2017 relates to a decrease in estimated taxes owing for 2017 due to decreasing commodity prices, as compared to the same period of 2016 which reflected an increase in the expected taxes owing for 2016 due to a recovery of commodity prices in that period.

ARC recorded a current tax income expense of \$10.4 million for the nine months ended September 30, 2017 as compared to a \$1.0 million expense for the nine months ended September 30, 2016. The increase in current tax expense for the nine months ended September 30, 2017 from the same period of 2016 is primarily the result of the reduction to income tax pools related to the divestment of ARC's Saskatchewan assets at the end of 2016.



During the third quarter of September 30, 2017, a deferred income tax expense of \$5.9 million was recorded which is consistent with the \$6.8 million expense recorded in the third quarter of 2016. During the nine months ended September 30, 2017, a deferred income tax expense of \$80.0 million was recorded as compared to a \$27.5 million recovery for the nine months ended September 30, 2016. This increase in deferred tax expense for the nine months ended September 30, 2017 is primarily related to unrealized gains recorded on risk management contracts in 2017 as compared to unrealized losses for the same period in 2016, as well as a reversal of impairment recorded in 2017 which increased the book basis of ARC's assets relative to their tax basis.

The income tax pools (detailed in Table 22) are deductible at various rates and annual deductions associated with the initial tax pools will decline over time.

**Table 22**

<b>Income Tax Pool Type</b> (\$ millions)	<b>September 30, 2017</b>	<b>Annual Deductibility</b>
Canadian oil and gas property expense	250.5	10% declining balance
Canadian development expense	841.7	30% declining balance
Canadian exploration expense	—	100%
Undepreciated capital cost	787.5	Primarily 25% declining balance
Other	10.2	Various rates, 7% declining balance to 20%
<b>Total federal tax pools</b>	<b>1,889.9</b>	
<b>Additional Alberta tax pools</b>	<b>5.0</b>	<b>Various rates, 25% declining balance to 100%</b>

#### **DD&A Expenses and Reversal of Impairment**

For the three and nine months ended September 30, 2017, ARC recorded DD&A expenses of \$128.8 million and \$350.3 million as compared to \$124.3 million and \$384.1 million for the three and nine months ended September 30, 2016, respectively. The increase in DD&A in the third quarter of 2017 as compared to the third quarter of 2016 reflects increased production in 2017. The decrease in DD&A for the nine months ended September 30, 2017 as compared to the same period in the prior year reflects the effect of an increase in proved plus probable reserves year over year as well as a lower depletable base resulting from non-core asset dispositions throughout 2016 having a higher than average DD&A rate.

An impairment is recognized when the carrying value of an asset or group of assets exceeds its recoverable amount, defined as the higher of its value in use or fair value less cost of disposal. Any asset impairment that is recorded is recoverable to its original value less any associated DD&A expense should there be indicators that the recoverable amount of the asset has increased in value since the time of recording the initial impairment. Immediately before non-current assets are classified as held for sale, they are assessed for indicators of impairment or reversal of impairment and are measured at the lower of their historical carrying amount and fair value less costs of disposal, with any impairment loss or reversal of impairment recognized in the statements of income.

At September 30, 2017, ARC evaluated its development and production assets for indicators of any potential impairment or related reversal and no such charges or reversals were recorded.

At June 30, 2017, an evaluation of indicators was also performed which resulted in tests of impairment on all of ARC's CGUs as a result of decreases in the outlook of future commodity prices compared to the most recent period an impairment test on all of ARC's CGUs was conducted, as at December 31, 2015. Although no impairment was identified, ARC recognized a reversal of impairment in its Northern Alberta CGU of \$75.0 million (\$55.1 million net of deferred tax expense) in the second quarter of 2017. The reversal of impairment recorded in the second quarter of 2017 was mainly attributed to increased drilling locations and capital investment in the CGU since the time of ARC's last asset impairment test, which led to an increase in proved plus probable oil and gas reserves that more than offset the decreases in future commodity prices.

For the three and nine months ended September 30, 2017, ARC recognized reversals of impairment of \$0.3 million and \$75.3 million (reversal of impairment of \$0.3 million and impairment of \$0.1 million for the three and nine months ended September 30, 2016), respectively.

The results of the impairment tests conducted are sensitive to changes in any of the key Management judgments and estimates inherent in the calculations, such as a revision in reserves or resources, a change in forecast commodity prices, expected royalties, required future development expenditures or expected future production costs which could decrease or increase the recoverable amounts of assets and result in additional impairment charges or reversal of



impairment charges. For further information regarding the reversal of impairment recorded during the nine months ended September 30, 2017, refer to Note 6 “Reversal of Impairment” in the financial statements.

A breakdown of DD&A expenses and reversal of impairment is summarized in Table 23:

**Table 23**

	Three Months Ended September 30			Nine Months Ended September 30		
<b>DD&amp;A Expenses</b> (\$ millions, except per boe amounts)	<b>2017</b>	2016	% Change	<b>2017</b>	2016	% Change
Depletion of crude oil and natural gas assets	<b>127.2</b>	122.9	3	<b>346.1</b>	380.0	(9)
Depreciation of administrative assets	<b>1.6</b>	1.4	14	<b>4.2</b>	4.1	2
Impairment (reversal of impairment)	<b>(0.3)</b>	(0.3)	—	<b>(75.3)</b>	0.1	(100)
Total DD&A expenses and impairment (reversal of impairment)	<b>128.5</b>	124.0	4	<b>275.0</b>	384.2	(28)
DD&A expenses per boe, excluding impairment (reversal of impairment)	<b>10.81</b>	11.73	(8)	<b>10.75</b>	11.78	(9)

### Capital Expenditures, Acquisitions and Dispositions

Capital expenditures before acquisitions, dispositions or purchases of undeveloped land totaled \$178.4 million in the third quarter of 2017 as compared to \$122.5 million during the third quarter of 2016. This total includes development and production additions to PP&E of \$174.0 million and additions to E&E assets of \$4.4 million. PP&E expenditures include additions to crude oil and natural gas development and production assets and administrative assets. E&E expenditures include asset additions in areas that have been determined by Management to be in the E&E stage.

A breakdown of capital expenditures, acquisitions and dispositions is shown in Table 24:

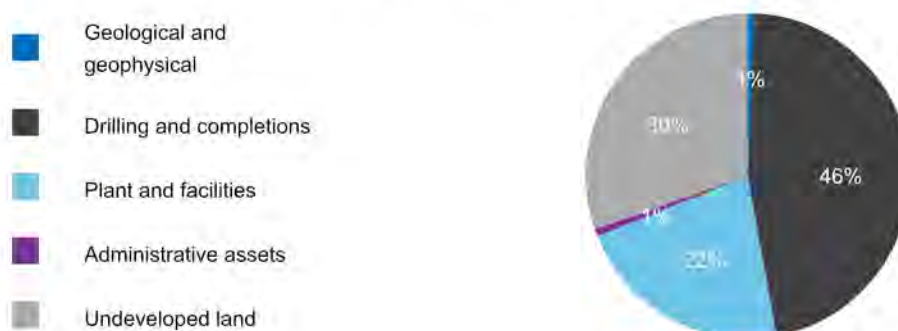
**Table 24**

	Three Months Ended September 30						
	2017			2016			
<b>Capital Expenditures</b> (\$ millions)	<b>E&amp;E</b>	<b>PP&amp;E</b>	<b>Total</b>	E&E	PP&E	Total	% Change
Geological and geophysical	—	1.8	1.8	0.2	3.3	3.5	(49)
Drilling and completions	2.1	117.2	119.3	0.8	58.2	59.0	102
Plant and facilities	2.3	53.2	55.5	1.0	58.8	59.8	(7)
Administrative assets	—	1.8	1.8	—	0.2	0.2	800
Total capital expenditures	4.4	174.0	178.4	2.0	120.5	122.5	46
Undeveloped land	73.6	3.7	77.3	—	—	—	100
Total capital expenditures including undeveloped land purchases	78.0	177.7	255.7	2.0	120.5	122.5	109
Acquisitions <sup>(1)</sup>	—	—	—	—	31.6	31.6	(100)
Dispositions	—	—	—	—	(0.3)	(0.3)	(100)
Total capital expenditures, land purchases and acquisitions	78.0	177.7	255.7	2.0	151.8	153.8	66

(1) Excludes \$7.4 million and \$nil of non-cash petroleum and natural gas property transactions in the three months ended September 30, 2017 and 2016, respectively.

**Exhibit 17**

**Capital Investment by Classification**  
(Three Months Ended September 30, 2017)



For the nine months ended September 30, 2017, capital expenditures before property acquisitions, dispositions or purchases of undeveloped land totaled \$584.6 million as compared to \$294.2 million during the same period of 2016. This total includes development and production additions to PP&E of \$561.1 million and additions to E&E assets of \$23.5 million.

**Table 24a**

Nine Months Ended September 30							
2017				2016			
Capital Expenditures (\$ millions)	E&E	PP&E	Total	E&E	PP&E	Total	% Change
Geological and geophysical	0.1	6.9	7.0	0.5	10.1	10.6	(34)
Drilling and completions	18.3	378.5	396.8	16.6	121.3	137.9	188
Plant and facilities	5.1	170.4	175.5	9.4	135.3	144.7	21
Administrative assets	—	5.3	5.3	—	1.0	1.0	430
Total capital expenditures	23.5	561.1	584.6	26.5	267.7	294.2	99
Undeveloped land	73.6	23.6	97.2	—	—	—	100
Total capital expenditures including undeveloped land purchases	97.1	584.7	681.8	26.5	267.7	294.2	132
Acquisitions <sup>(1)</sup>	—	0.3	0.3	—	158.3	158.3	(100)
Dispositions	—	—	—	—	(3.3)	(3.3)	(100)
Total capital expenditures, land purchases and net acquisitions and dispositions	97.1	585.0	682.1	26.5	422.7	449.2	52

(1) Excludes \$7.9 million and \$nil of non-cash petroleum and natural gas property transactions in the nine months ended September 30, 2017 and 2016, respectively.

## Exhibit 17a

**Capital Investment by Classification  
(Nine Months Ended September 30, 2017)**



During the three months ended September 30, 2017, ARC drilled 28 operated wells, consisting of 18 crude oil wells and 10 natural gas and liquids-rich natural gas wells. For the nine months ended September 30, 2017 ARC drilled 94 gross (93 net) operated wells consisting of 54 (53 net) crude oil wells, 39 natural gas and liquids-rich natural gas wells, and one disposal well.

### Asset Retirement Obligations

At September 30, 2017, ARC has recorded ARO of \$396.9 million (\$378.9 million at December 31, 2016) for the future abandonment and reclamation of ARC's properties. The estimated ARO includes assumptions in respect of actual costs to abandon wells or reclaim the property, the time frame in which such costs will be incurred, as well as annual inflation factors in order to calculate the undiscounted total future liability. The future liability has been discounted at a liability-specific risk-free interest rate of 2.5 per cent (2.3 per cent at December 31, 2016).

During the nine months ended September 30, 2017, ARC added \$49.8 million to its ARO in respect of revised estimates of costs of future obligations and anticipated settlement dates.

Accretion charges of \$3.1 million and \$9.5 million for the three and nine months ended September 30, 2017 (\$3.0 million and \$9.1 million for the same periods in 2016), respectively, have been recognized in the statements of income to reflect the increase in ARO associated with the passage of time. Actual spending under ARC's abandonment and reclamation program for the three and nine months ended September 30, 2017 was \$4.0 million and \$14.6 million (\$4.6 million and \$8.5 million for the same periods in 2016), respectively. At September 30, 2017, \$179.3 million of ARO associated with certain non-core assets in Alberta is classified as held for sale.

Environmental stewardship is a core value at ARC and abandonment and reclamation activities continue to be made in a prudent, responsible manner with the oversight of the Health, Safety and Environment Committee of the Board. Ongoing abandonment expenditures for all of ARC's assets are funded entirely out of cash flow from operating activities. ARC's Liability Management Rating is well within both the British Columbia Oil and Gas Commission's and the Alberta Energy Regulator's requirements, such that no deposits are required or expected to be required at September 30, 2017 and at the date of this MD&A.

## Exhibit 18



## Capitalization, Financial Resources and Liquidity

ARC's long-term goal is to fund current period reclamation expenditures, dividend payments and capital expenditures necessary for the replacement of production declines using only funds from operations. Profitable growth activities will be financed with a combination of funds from operations and other sources of capital.

ARC typically uses three markets to raise capital: equity, bank debt and long-term notes. Long-term notes are issued to large institutional investors normally with an average term of five to 12 years. The cost of this debt is based upon two factors: the current rate of long-term government bonds and ARC's credit spread. ARC's weighted average interest rate on its outstanding long-term notes is currently 4.32 per cent.

A breakdown of ARC's capital structure as at September 30, 2017 and December 31, 2016 is outlined in Table 25:

**Table 25**

<b>Capital Structure and Liquidity</b> (\$ millions, except per cent and ratio amounts)	<b>September 30, 2017</b>	<b>December 31, 2016</b>
Long-term debt <sup>(1)</sup>	922.4	1,026.0
Accounts payable and accrued liabilities	159.4	161.8
Dividends payable	17.7	17.7
Cash and cash equivalents, accounts receivable, prepaid expenses and short-term investments	(454.4)	(849.0)
Net debt	645.1	356.5
Market capitalization <sup>(2)</sup>	6,076.7	8,164.8
Total capitalization	6,721.8	8,521.3
Net debt as a percentage of total capitalization (%)	9.6	4.2
Net debt to annualized funds from operations (ratio)	0.9	0.6

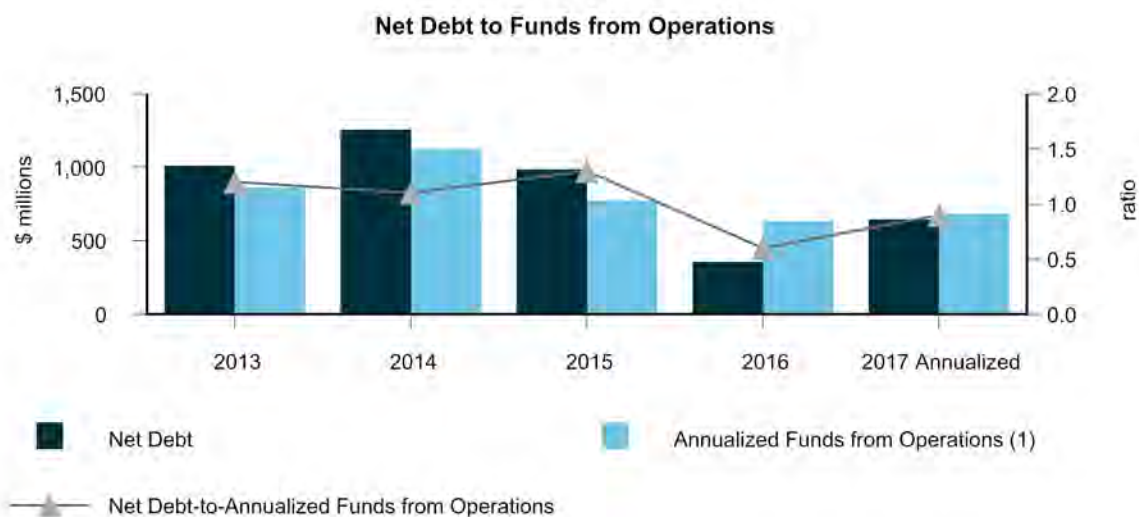
(1) Includes a current portion of long-term debt of \$85.5 million at September 30, 2017 and \$51.5 million at December 31, 2016.

(2) Calculated using the total common shares outstanding at September 30, 2017 multiplied by the TSX closing share price of \$17.19 at September 30, 2017 (TSX closing share price of \$23.11 at December 31, 2016).

Management's long-term strategy is to keep its net debt balance to a ratio of between one to 1.5 times annualized funds from operations and less than 20 per cent of total market capitalization. This strategy has resulted in manageable debt levels to date and has positioned ARC to remain well within its debt covenants. Refer to Note 9 "Capital Management" in the financial statements.

ARC closed the quarter with a strong balance sheet with \$645.1 million of net debt outstanding, which was approximately 10 per cent of ARC's total capitalization. At September 30, 2017, ARC's net debt to 2017 annualized funds from operations ratio was 0.9 times. Over time, ARC expects its net debt to annualized funds from operations ratio to return to the target levels of between one to 1.5 times annualized funds from operations as proceeds received from dispositions in 2016 will be reinvested to fund continued capital development in ARC's core operating areas.

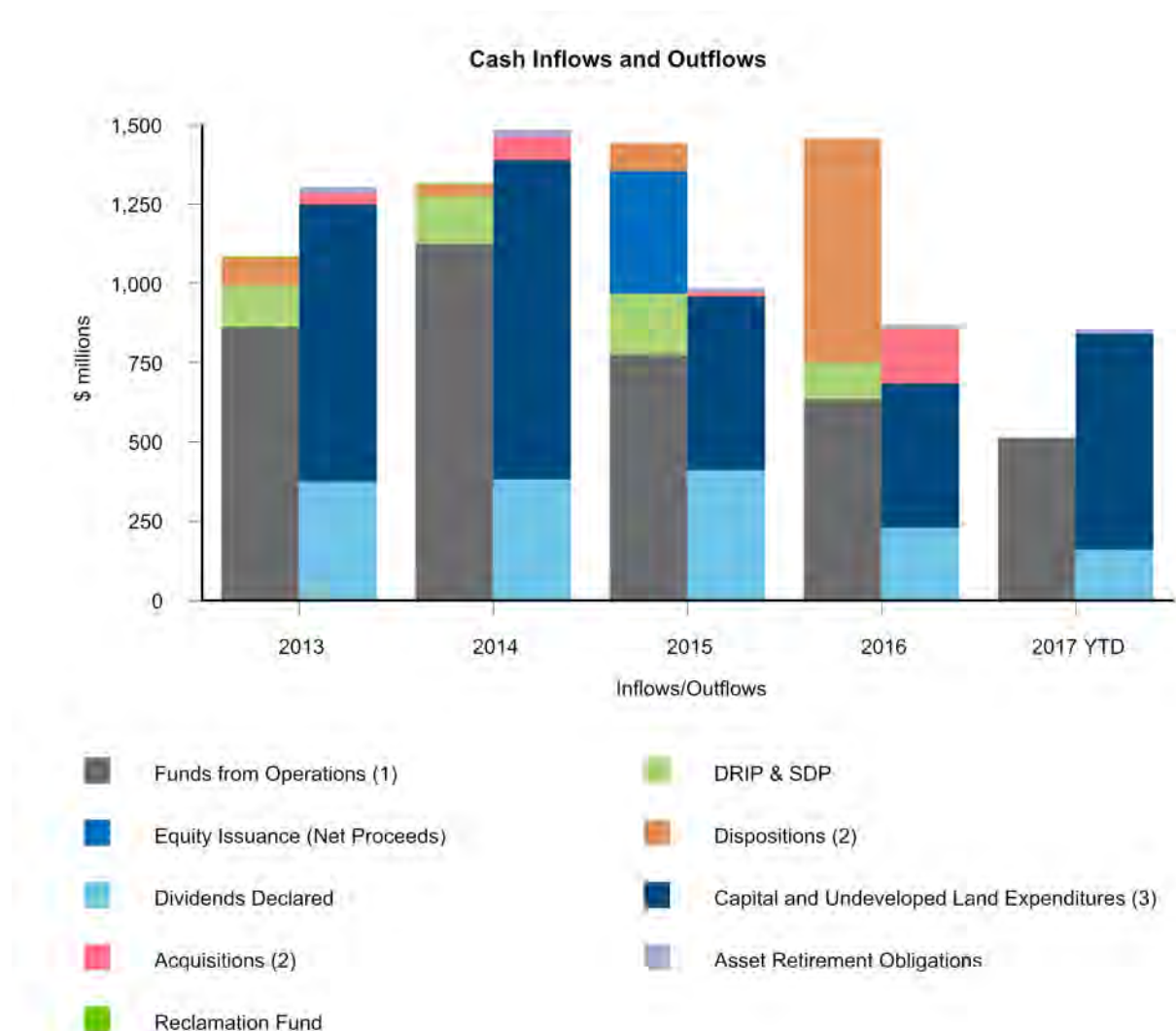
#### Exhibit 19



(1) Refer to Note 9 "Capital Management" in the financial statements and to the section entitled "Funds from Operations" contained within this MD&A.

The following exhibits the balance of cash inflows and outflows over the past four years and for the year-to-date. In any period when cash outflows exceed inflows, ARC's net debt balance will increase to cover the shortfall and will decrease in any period when inflows exceed outflows.

#### Exhibit 20



- (1) Refer to Note 9 "Capital Management" in the financial statements and to the section entitled "Funds from Operations" contained within this MD&A.
- (2) Excludes non-cash property transactions.
- (3) Excludes capital expenditures attributable to non-cash share options and asset retirement expenditures.

**Table 26**

(\$ millions)	2017 YTD	2016	2015	2014	2013
<b>Cash Inflows</b>					
Funds from operations <sup>(1)</sup>	<b>510.8</b>	633.3	773.4	1,124.0	861.8
DRIP & SDP	<b>3.0</b>	117.1	195.5	151.0	130.1
Equity issuance (net proceeds)	—	—	386.1	—	—
Dispositions <sup>(2)</sup>	—	705.4	88.8	39.3	89.8
Reclamation fund withdrawals	—	—	0.9	—	—
<b>Total</b>	<b>513.8</b>	<b>1,455.8</b>	<b>1,444.7</b>	<b>1,314.3</b>	<b>1,081.7</b>
<b>Cash Outflows</b>					
Dividends declared	<b>159.2</b>	228.2	410.5	380.2	374.0
Capital and undeveloped land expenditures <sup>(3)</sup>	<b>681.5</b>	455.6	547.9	1,007.6	874.2
Acquisitions <sup>(2)</sup>	<b>0.3</b>	172.9	14.4	73.5	36.4
Asset retirement obligations	<b>14.6</b>	13.0	12.3	23.0	18.5
Reclamation fund contributions	—	2.0	—	2.6	2.8
<b>Total</b>	<b>855.6</b>	<b>871.7</b>	<b>985.1</b>	<b>1,486.9</b>	<b>1,305.9</b>

(1) Refer to Note 9 "Capital Management" in the financial statements and to the section entitled "Funds from Operations" contained within this MD&A.

(2) Excludes non-cash property transactions.

(3) Excludes capital expenditures attributable to non-cash share options and asset retirement expenditures.

At September 30, 2017, ARC had total available credit capacity of approximately \$1.9 billion with debt of \$0.9 billion currently outstanding. The Company's total available credit capacity at September 30, 2017 reflects the expiry of ARC's Master Shelf Agreement on September 25, 2017, which reduced the Company's total debt capacity by US\$170.6 million. ARC's long-term debt balance includes a current portion of \$85.5 million at September 30, 2017 (\$51.5 million at December 31, 2016), reflecting principal payments that are due to be paid within the next 12 months. ARC intends to finance these obligations by using cash on hand or drawing on its syndicated credit facility at the time the payments are due.

On November 1, 2017, ARC extended its syndicated revolving credit facility for one additional year until November 8, 2021 at similar terms.

On February 8, 2017, ARC's Board of Directors approved the elimination of the DRIP and SDP. By eliminating these programs, ARC will eliminate the dilutive effect of the DRIP and SDP to ARC's existing shareholder base. Elimination of the DRIP and SDP was effective for the March dividend which was paid on April 17, 2017 to shareholders of record on March 31, 2017. Shareholders that were enrolled in either the DRIP or SDP now automatically receive dividend payments in the form of cash.

ARC's debt agreements contain a number of covenants, all of which were met as at September 30, 2017. These agreements are available at [www.sedar.com](http://www.sedar.com). ARC calculates its covenants quarterly. The major financial covenants of the syndicated credit facility are described below:

**Table 27**

Covenant Description	Estimated Position at September 30, 2017 <sup>(1)</sup>
Long-term debt and letters of credit not to exceed three and a quarter times trailing 12-month net income before non-cash items, income taxes and interest expense <sup>(2)</sup>	1.3
Long-term debt, letters of credit, and subordinated debt not to exceed four times trailing 12-month net income before non-cash items, income taxes and interest expense	1.3
Long-term debt and letters of credit not to exceed 50 per cent of the book value of shareholders' equity and long-term debt, letters of credit and subordinated debt	20%

(1) Estimated position, subject to final approval of the syndicate.

(2) Not to exceed three and a half times trailing 12-month net income before non-cash items, income taxes and interest expense, effective November 1, 2017.

## Shareholders' Equity

At September 30, 2017, there were 353.5 million shares outstanding and 5.0 million share options outstanding under ARC's Share Option Plan. For more information on the Share Option Plan, refer to the section entitled "Share Option Plan" contained within this MD&A.

At September 30, 2017, ARC had 0.3 million restricted shares outstanding under its LTRSA Plan. For more information on the restricted shares outstanding and held in trust under ARC's LTRSA Plan, refer to the section entitled "Long-term Restricted Share Award Plan" contained within this MD&A.

## Dividends

In the third quarter of 2017, ARC declared dividends totaling \$53.0 million (\$0.15 per share outstanding) compared to \$52.9 million (\$0.15 per share outstanding) during the third quarter of 2016. ARC reduced its monthly dividend to \$0.05 per share outstanding commencing with the February 2016 dividend payable March 15, 2016.

As a dividend-paying corporation, ARC declares monthly dividends to its shareholders. ARC continually assesses dividend levels in light of commodity prices, capital expenditure programs, and production volumes to ensure that dividends are in line with the long-term strategy and objectives of ARC as per the following guidelines:

- To maintain a dividend policy that, in normal times, in the opinion of Management and the Board, is sustainable after factoring in the impact of current commodity prices on funds from operations. ARC's objective is to normalize the effect of volatility of commodity prices rather than to pass that volatility onto shareholders in the form of fluctuating monthly dividends.
- To maintain ARC's financial flexibility, by reviewing ARC's level of debt to equity and debt to funds from operations. The use of funds from operations and proceeds from equity offerings to fund capital development activities reduces the need to use debt to finance these expenditures.

ARC's business strategy is focused on value creation and long-term returns to shareholders, with the dividend being an important component. As a result of the increase in funds from operations in the third quarter of 2017 compared to the same period of the prior year, ARC's dividend as a percent of funds from operations has decreased from an average of 35 per cent in the third quarter of 2016 to an average of 32 per cent in the third quarter of 2017. ARC believes that it is currently positioned to sustain current dividend levels despite the volatile commodity price environment.

## Exhibit 21



The actual amount of future monthly dividends is proposed by Management and is subject to the approval and discretion of the Board. The Board reviews future dividends in conjunction with their review of quarterly financial and operating results. On October 16, 2017, ARC confirmed that a dividend of \$0.05 per common share designated as an eligible dividend will be paid on November 15, 2017 to shareholders of record on October 31, 2017 with an ex-dividend date of October 30, 2017.



Please refer to ARC's website at [www.arcresources.com](http://www.arcresources.com) for details of the estimated monthly dividend amounts and dividend dates for 2017.

### Environmental Initiatives Impacting ARC

ARC operates in jurisdictions that have regulated or have proposed to regulate greenhouse gas ("GHG") emissions and other air pollutants. While some regulations are in effect, others are at various stages of review, discussion and implementation. There is uncertainty around how any future federal legislation will harmonize with provincial regulation, as well as the timing and effects of regulations. Climate change regulation at both the federal and provincial level has the potential to significantly affect the regulatory environment of the crude oil and natural gas industry in Canada. Such regulations impose certain costs and risks on the industry. In general, there is some uncertainty with regard to the impacts of federal or provincial climate change and environmental laws and regulations, as it is currently not possible to predict the extent of future requirements. Any new laws and regulations, or additional requirements to existing laws and regulations, could have a material impact on the Company's operations and cash flow.

Additional information is available in ARC's AIF that is filed on SEDAR at [www.sedar.com](http://www.sedar.com) and ARC's Sustainability Report available at [www.arcresponsibility.com](http://www.arcresponsibility.com).

### Contractual Obligations and Commitments

The following is a summary of ARC's contractual obligations and commitments as at September 30, 2017:

**Table 28**

(\$ millions)	Payments Due by Period				Total
	1 Year	2-3 Years	4-5 Years	Beyond 5 Years	
Debt repayments <sup>(1)</sup>	85.5	218.2	302.5	316.2	922.4
Interest payments <sup>(2)</sup>	39.1	66.6	43.7	23.6	173.0
Reclamation fund contributions <sup>(3)</sup>	3.1	5.8	5.4	40.9	55.2
Purchase commitments	59.1	9.9	0.1	—	69.1
Transportation commitments	108.5	209.1	234.9	630.3	1,182.8
Operating leases	15.7	28.7	26.9	20.2	91.5
Risk management contract premiums <sup>(4)</sup>	1.9	0.6	—	—	2.5
<b>Total contractual obligations and commitments</b>	<b>312.9</b>	<b>538.9</b>	<b>613.5</b>	<b>1,031.2</b>	<b>2,496.5</b>

(1) Long-term and current portion of long-term debt.

(2) Fixed interest payments on senior notes.

(3) Contribution commitments to a restricted reclamation fund associated with the Redwater property.

(4) Fixed premiums to be paid in future periods on certain commodity price risk management contracts.

In addition to the above risk management contract premiums, ARC has commitments related to its risk management program (see Note 10 "Financial Instruments and Market Risk Management" of the financial statements). As the premiums are related to the underlying risk management contract, they have been recorded at fair market value at September 30, 2017 in ARC's consolidated balance sheets as part of risk management contracts.

ARC enters into commitments for capital expenditures in advance of the expenditures being made. At a given point in time, it is estimated that ARC has committed to capital expenditures equal to approximately one quarter of its capital budget by means of giving the necessary authorizations to incur the capital expenditures in a future period.

ARC is involved in litigation and claims arising in the normal course of operations. Management is of the opinion that pending litigation will not have a material impact on ARC's financial position or results of operations and therefore Table 28 does not include any commitments for outstanding litigation and claims.

### Off-Balance Sheet Arrangements

ARC's lease agreements, which are reflected in the Contractual Obligations and Commitments table (Table 28), were entered into in the normal course of operations. All of these leases have been treated as operating leases whereby the lease payments are included in operating expenses or G&A expenses depending on the nature of the lease. No asset or liability value has been assigned to these leases on ARC's consolidated balance sheet as of September 30, 2017.

## Critical Accounting Estimates

ARC has continuously refined and documented its management and internal reporting systems to ensure that accurate, timely, internal and external information is gathered and disseminated.

ARC's financial and operating results incorporate certain estimates including:

- estimated sales revenues, royalties and operating expenses on production as at a specific reporting date but for which actual revenues and costs have not yet been received;
- estimated capital expenditures on projects that are in progress;
- estimated DD&A charges that are based on estimates of crude oil and natural gas reserves that ARC expects to recover in the future;
- estimated fair values of financial instruments that are subject to fluctuation depending upon the underlying commodity prices, foreign exchange rates and interest rates, volatility curves and the risk of non-performance;
- estimated value of ARO that is dependent upon estimates of future costs and timing of expenditures;
- estimated fair value of business combinations;
- estimated future recoverable value of PP&E, E&E and goodwill and any associated impairment charges or recoveries; and
- estimated compensation expense under ARC's share-based compensation plans including the PSUs awarded under the RSU and PSU Plan that is based on an adjustment to the final number of PSU awards that eventually vest based on a performance multiplier, the Share Option Plan and the LTRSA Plan.

ARC has hired individuals and consultants who have the skills required to make such estimates and ensures that individuals or departments with the most knowledge of the activity are responsible for the estimates. Further, past estimates are reviewed and compared to actual results, and actual results are compared to budgets in order to make more informed decisions on future estimates. For further information on the determination of certain estimates inherent in the financial statements, refer to Note 5 "Management Judgments and Estimation Uncertainty" in the financial statements as at and for the year ended December 31, 2016 and Note 6 "Reversal of Impairment" in the financial statements as at and for the three and nine months ended September 30, 2017.

ARC's leadership team's mandate includes ongoing development of procedures, standards and systems to allow ARC staff to make the best decisions possible and ensuring those decisions are in compliance with ARC's environmental, health and safety policies.

## ASSESSMENT OF BUSINESS RISKS

The ARC management team is focused on long-term strategic planning and has identified the key risks, uncertainties and opportunities associated with ARC's business that can impact the financial results. They include, but are not limited to:

- volatility of crude oil, natural gas, condensate and NGLs prices;
- refinancing and debt service;
- access to capital markets;
- retention of key personnel;
- operational matters;
- availability of third-party pipeline and processing infrastructure;
- reserves and resources estimates;
- depletion of reserves and maintenance of dividend;
- counterparty risk;
- variations in interest rates and foreign exchange rates;

- changes in income tax legislation;
- changes in government royalty legislation;
- environmental concerns and changes in environmental legislation;
- acquisitions; and
- information technology systems

Additional information is available in ARC's AIF that is filed on SEDAR at [www.sedar.com](http://www.sedar.com).

## **PROJECT RISKS**

ARC manages a variety of small and large projects and plans to continue with the development of several capital projects throughout 2017. Project delays may impact expected revenues from operations. Significant project cost overruns could make a project uneconomic. ARC's ability to execute projects and market crude oil and natural gas depends upon numerous factors beyond its control, including:

- availability of processing capacity;
- availability and proximity of pipeline capacity;
- availability of storage capacity;
- supply of and demand for crude oil and natural gas;
- availability of alternative fuel sources;
- effects of inclement weather;
- availability of drilling-related equipment and resources;
- unexpected cost increases;
- accidental events;
- changes in regulations; and
- availability and productivity of skilled labour.

Because of these factors, ARC could be unable to execute projects on time, on budget or at all, and may not be able to effectively market the crude oil and natural gas that ARC produces.

## **CONTROL ENVIRONMENT**

### **Internal Controls Over Financial Reporting**

ARC is required to comply with National Instrument 52-109 "Certification of Disclosure in Issuers' Annual and Interim Filings." The certification of interim filings for the interim period ended September 30, 2017 requires that ARC disclose in the interim MD&A any changes in ARC's internal controls over financial reporting that occurred during the period that have materially affected, or are reasonably likely to materially affect, ARC's internal controls over financial reporting. ARC confirms that no such changes were made to its internal controls over financial reporting during the three and nine months ended September 30, 2017.

## FINANCIAL REPORTING UPDATE

### Future Accounting Policy Changes

#### IFRS 15 *Revenue from Contracts with Customers*

In April 2016, the IASB issued its final amendments to IFRS 15 *Revenue from Contracts with Customers*, which replaces IAS 18 *Revenue*, IAS 11 *Construction Contracts*, and related interpretations. IFRS 15 provides a single, principles-based five-step model to be applied to all contracts with customers. The standard requires an entity to recognize revenue to reflect the transfer of goods and services for the amount it expects to receive when control is transferred to the purchaser. Disclosure requirements have also been expanded. The standard is required to be adopted either retrospectively or using a modified retrospective approach for annual periods beginning on or after January 1, 2018, with earlier adoption permitted.

ARC will retrospectively adopt IFRS 15 on January 1, 2018. The Company has completed reviewing its various revenue streams and underlying contracts with customers. It has been concluded that the adoption of IFRS 15 will not have a material impact on ARC's net income and financial position. However, ARC will expand the disclosures in the notes to its financial statements as prescribed by IFRS 15, including disclosing the Company's disaggregated revenue streams by product type.

#### IFRS 9 *Financial Instruments*

In July 2014, the IASB completed the final elements of IFRS 9 *Financial Instruments*. The standard supersedes earlier versions of IFRS 9 and completes the IASB's project to replace IAS 39 *Financial Instruments: Recognition and Measurement*. IFRS 9 introduces a single approach to determine whether a financial asset is measured at amortized cost or fair value and replaces the multiple rules in IAS 39. The approach is based on how an entity manages its financial instruments in the context of its business model and the contractual cash flow characteristics of the financial assets. For financial liabilities, IFRS 9 retains most of the requirements of IAS 39; however, where the fair value option is applied to financial liabilities, any change in fair value resulting from an entity's own credit risk is recorded in other comprehensive income rather than the statement of income. The Company has determined that adoption of IFRS 9 will result in changes to the classification of the Company's financial assets but will not change the classification of the Company's financial liabilities. At this time, the Company has determined there will not be any material changes in the measurement and carrying values of the Company's financial instruments as a result of the adoption of IFRS 9.

In addition, IFRS 9 introduces a new expected credit loss model for calculating impairment of financial assets, replacing the incurred loss impairment model required by IAS 39. ARC has determined that the new impairment model will not result in material changes to the valuation of its financial assets on adoption of IFRS 9. IFRS 9 also contains a new model to be applied for hedge accounting. The Company does not currently apply hedge accounting to its risk management contracts and does not currently intend to apply hedge accounting to any of its existing risk management contracts on adoption of IFRS 9. The standard will come into effect for annual periods beginning on or after January 1, 2018, with earlier adoption permitted. IFRS 9, as well as consequential amendments to IFRS 7 *Financial Instruments: Disclosures*, will be applied on a retrospective basis by ARC on January 1, 2018.

#### IFRS 16 *Leases*

In January 2016, the IASB issued IFRS 16 *Leases*, which replaces IAS 17 *Leases*. For lessees applying IFRS 16, a single recognition and measurement model for leases would apply, with required recognition by lessees of assets and liabilities for most leases, including subleases. The standard will come into effect for annual periods beginning on or after January 1, 2019, with earlier adoption permitted if the entity is also applying IFRS 15 *Revenue from Contracts with Customers*. The standard is required to be adopted either retrospectively or using a modified retrospective approach. IFRS 16 will be applied by ARC on January 1, 2019 and the Company is currently evaluating the impact of the standard on ARC's financial statements. The Company has commenced its project planning and scoping phase and is in the process of implementing corporate processes to ensure contract completeness to identify leases.

### Non-GAAP Measures

Throughout this MD&A, the company uses the term operating netback ("netback") to analyze operating performance. This non-GAAP measure does not have any standardized meaning prescribed by GAAP and therefore may not be comparable with the calculation of similar measures for other entities. ARC calculates netback on a per boe basis as sales revenue less royalties, operating and transportation expenses. ARC discloses netback both before and after the impacts of realized gains or losses on risk management contracts are included. Realized gains or losses represent the portion of risk management contracts that have settled in cash during the period and disclosing this impact provides Management and investors with transparent measures that reflect how ARC's risk management program can impact netback metrics. Management feels that netback is a key industry benchmark and a measure of performance for ARC that provides investors with information that is commonly used by other crude oil and natural gas companies. This

measurement assists Management and investors in evaluating operating results on a per boe basis to better analyze performance on a comparable basis. ARC's netback is disclosed in Table 17 within this MD&A.

### **Forward-looking Information and Statements**

This MD&A contains certain forward-looking information and statements within the meaning of applicable securities laws. The use of any of the words "expect," "anticipate," "continue," "estimate," "objective," "ongoing," "may," "will," "project," "should," "believe," "plans," "intends," "strategy," and similar expressions are intended to identify forward-looking information or statements. In particular, but without limiting the foregoing, this MD&A contains forward-looking information and statements pertaining to the following: ARC's financial goals under the heading "About ARC Resources Ltd.," ARC's view of future commodity prices under the heading "Economic Environment," ARC's guidance for 2017 under the heading "Annual Guidance and Financial Highlights," ARC's risk management plans for 2017 and beyond under the heading "Risk Management," ARC's view as to the estimated future payments under the RSU and PSU Plan under the heading "Share-Based Compensation Plans," the financing information relating to raising capital under the heading "Capitalization, Financial Resources and Liquidity," ARC's plans in relation to future dividend levels under the heading "Dividends," ARC's estimates of normal course obligations under the heading "Contractual Obligations and Commitments," and a number of other matters, including the amount of future asset retirement obligations, future liquidity and financial capacity, future results from operations and operating metrics, future costs, expenses and royalty rates, future interest costs, and future development, exploration, acquisition and development activities (including drilling plans) and related capital expenditures.

The forward-looking information and statements contained in this MD&A reflect material factors and expectations and assumptions of ARC including, without limitation: that ARC will continue to conduct its operations in a manner consistent with past operations; the general continuance of current industry conditions; the continuance of existing (and in certain circumstances, the implementation of proposed) tax, royalty and regulatory regimes; the accuracy of the estimates of ARC's reserves and resource volumes; certain commodity price and other cost assumptions; and the continued availability of adequate debt and equity financing and funds from operations to fund its planned expenditures. ARC believes the material factors, expectations and assumptions reflected in the forward-looking information and statements are reasonable, but no assurance can be given that these factors, expectations and assumptions will prove to be correct.

The forward-looking information and statements included in this MD&A are not guarantees of future performance and should not be unduly relied upon. Such information and statements involve known and unknown risks, uncertainties and other factors that may cause actual results or events to differ materially from those anticipated in such forward-looking information or statements including, without limitation: changes in commodity prices; changes in the demand for or supply of ARC's products; changes to government regulations including royalty rates, taxes and environmental and climate change regulation; market access constraints or transportation interruptions, unanticipated operating results or production declines; changes in development plans of ARC or by third-party operators of ARC's properties, increased debt levels or debt service requirements; inaccurate estimation of ARC's crude oil and natural gas reserve and resource volumes; limited, unfavorable or a lack of access to capital markets; increased costs; a lack of adequate insurance coverage; the impact of competitors; and certain other risks detailed from time to time in ARC's public disclosure documents (including, without limitation, those risks identified in this MD&A and in ARC's AIF).

The internal projections, expectations or beliefs are based on the 2017 capital budget which is subject to change in light of ongoing results, prevailing economic circumstances, commodity prices and industry conditions and regulations. Accordingly, readers are cautioned that events or circumstances could cause results to differ materially from those predicted. The forward-looking information contained in this MD&A speak only as of the date of this MD&A, and none of ARC or its subsidiaries assumes any obligation to publicly update or revise them to reflect new events or circumstances, except as may be required pursuant to applicable laws.

## QUARTERLY HISTORICAL REVIEW

(\$ millions, except per share amounts)	2017			2016				2015
<b>FINANCIAL</b>	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4
Sales of crude oil, natural gas, condensate, NGLs and other income	279.2	297.0	309.2	331.8	265.6	234.9	231.2	285.9
Per share, basic	0.79	0.84	0.87	0.94	0.76	0.67	0.66	0.83
Per share, diluted	0.79	0.84	0.87	0.94	0.75	0.67	0.66	0.83
Net income (loss)	48.5	124.0	142.5	167.0	28.3	(58.1)	64.1	(55.0)
Per share, basic	0.14	0.35	0.40	0.47	0.08	(0.17)	0.18	(0.16)
Per share, diluted	0.14	0.35	0.40	0.47	0.08	(0.17)	0.18	(0.16)
Funds from operations <sup>(1)</sup>	163.8	169.8	177.2	188.5	153.0	141.7	150.1	200.7
Per share, basic	0.46	0.48	0.50	0.53	0.44	0.40	0.43	0.58
Per share, diluted	0.46	0.48	0.50	0.53	0.44	0.40	0.43	0.58
Dividends declared	53.0	53.1	53.1	52.9	52.9	52.5	69.9	103.8
Per share <sup>(2)</sup>	0.15	0.15	0.15	0.15	0.15	0.15	0.20	0.30
Total assets	6,115.0	6,196.8	6,169.3	5,990.5	5,968.4	5,891.1	5,893.7	5,932.2
Total liabilities	2,468.2	2,546.8	2,591.4	2,505.7	2,622.3	2,547.0	2,466.1	2,543.7
Net debt outstanding <sup>(3)</sup>	645.1	527.4	501.4	356.5	1,009.4	969.3	868.4	985.1
Weighted average shares, basic	353.5	353.4	353.4	352.8	351.7	350.5	348.7	345.6
Weighted average shares, diluted	353.9	353.8	353.7	353.5	352.3	350.5	348.9	345.6
Shares outstanding, end of period	353.5	353.4	353.4	353.3	352.2	351.1	349.8	347.1
<b>CAPITAL EXPENDITURES</b>								
Geological and geophysical	1.8	2.0	3.2	1.8	3.5	4.3	2.8	2.5
Drilling and completions	119.3	105.9	171.6	89.1	59.0	55.7	23.2	108.5
Plant and facilities	55.5	41.6	78.4	65.9	59.8	52.2	32.7	37.3
Administrative assets	1.8	1.5	2.0	2.4	0.2	0.4	0.4	1.2
Total capital expenditures	178.4	151.0	255.2	159.2	122.5	112.6	59.1	149.5
Undeveloped land	77.3	14.7	5.2	2.7	—	—	—	4.6
Total capital expenditures, including undeveloped land purchases	255.7	165.7	260.4	161.9	122.5	112.6	59.1	154.1
Acquisitions	—	0.1	0.2	14.6	31.6	111.6	15.1	0.3
Dispositions	—	—	—	(702.1)	(0.3)	(3.0)	—	(42.2)
Total capital expenditures, land purchases and net acquisitions and dispositions	255.7	165.8	260.6	(525.6)	153.8	221.2	74.2	112.2
<b>OPERATING</b>								
Production								
Crude oil (bbl/d)	25,020	23,813	24,030	29,885	29,642	31,702	34,852	33,899
Condensate (bbl/d)	6,815	4,253	4,504	3,767	3,562	3,733	3,442	3,631
Natural gas (MMcf/d)	549.6	483.9	496.2	478.4	466.7	467.5	489.7	469.1
NGLs (bbl/d)	6,091	4,691	3,893	4,220	4,221	4,336	4,319	3,523
Total (boe/d)	129,526	113,410	115,129	117,611	115,205	117,695	124,224	119,243
Average realized prices, prior to risk management contracts								
Crude oil (\$/bbl)	54.82	59.78	61.62	59.20	52.43	52.80	38.64	49.24
Condensate (\$/bbl)	54.28	60.08	64.44	58.97	50.81	51.20	42.07	49.80
Natural gas (\$/Mcf)	2.01	2.99	3.10	3.10	2.35	1.39	2.05	2.59
NGLs (\$/bbl)	28.37	26.27	25.91	20.77	12.67	13.60	8.42	10.73
Oil equivalent (\$/boe)	23.29	28.63	29.63	30.29	25.03	21.87	20.39	26.01
<b>TRADING STATISTICS <sup>(4)</sup></b>								
(\$, based on intra-day trading)								
High	18.31	19.55	23.70	24.94	24.08	23.35	20.15	22.49
Low	15.61	16.23	18.26	21.55	20.88	17.43	14.43	15.39
Close	17.19	16.96	19.00	23.11	23.73	22.11	18.89	16.70
Average daily volume (thousands)	1,008	1,269	1,104	837	691	1,029	1,388	1,302

(1) Refer to Note 9 "Capital Management" in the financial statements and to the section entitled "Funds from Operations" contained within this MD&A.

(2) Dividends per share are based on the number of shares outstanding at each dividend record date.

(3) Refer to Note 9 "Capital Management" in the financial statements and to the section entitled "Capitalization, Financial Resources and Liquidity" contained within this MD&A.

(4) Trading statistics denote trading activity on the Toronto Stock Exchange only.

## GLOSSARY

The following is a list of abbreviations that may be used in this MD&A:

### Measurement

bbl	barrel
bbl/d	barrels per day
Mbbls	thousand barrels
MMbbls	million barrels
boe <sup>(1)</sup>	barrels of oil equivalent
boe/d <sup>(1)</sup>	barrels of oil equivalent per day
Mboe <sup>(1)</sup>	thousands of barrels of oil equivalent
MMboe <sup>(1)</sup>	millions of barrels of oil equivalent
Mcf	thousand cubic feet
Mcf/d	thousand cubic feet per day
MMcf	million cubic feet
MMcf/d	million cubic feet per day
Bcf	billion cubic feet
MMBtu	million British Thermal Units
GJ	gigajoule

- (1) ARC has adopted the standard of 6 Mcf:1 bbl when converting natural gas to boe. Boe may be misleading, particularly if used in isolation. A boe conversion ratio of six Mcf per barrel is based on an energy equivalency conversion method primarily applicable at the burner tip and does not represent a value equivalency at the wellhead. Given that the value ratio based on the current price of crude oil as compared to natural gas is significantly different than the energy equivalency of the 6:1 conversion ratio, utilizing the 6:1 conversion ratio may be misleading as an indication of value.

### Financial and Business Environment

ARO	asset retirement obligations
CGU	cash-generating unit
COGE Handbook	The Canadian Oil and Gas Evaluation Handbook prepared jointly by the Society of Petroleum Evaluation Engineers (Calgary chapter) and the Canadian Institute of Mining, Metallurgy & Petroleum
DD&A	depletion, depreciation and amortization
DRIP	Dividend Reinvestment Plan
DSU	Deferred Share Unit
E&E	exploration and evaluation
GAAP	generally accepted accounting principles
G&A	general and administrative
IAS	International Accounting Standard
IASB	International Accounting Standards Board
IFRS	International Financial Reporting Standards
LTRSA	Long-term Restricted Share Award
MSW	Mixed Sweet Blend
NGLs	natural gas liquids
NYMEX	New York Mercantile Exchange
PP&E	property, plant and equipment
PSU	Performance Share Unit
RSU	Restricted Share Unit
SDP	Stock Dividend Program
TSX	Toronto Stock Exchange
WTI	West Texas Intermediate



# Q3 2017

## FINANCIAL STATEMENTS



**ARC RESOURCES LTD.****CONDENSED INTERIM CONSOLIDATED BALANCE SHEETS** (unaudited)

As at

(Cdn\$ millions)	September 30, 2017	December 31, 2016
<b>ASSETS</b>		
Current assets		
Cash and cash equivalents	332.8	222.2
Short-term investments	0.4	450.0
Accounts receivable	101.2	164.7
Prepaid expenses	20.0	12.1
Risk management contracts (Note 10)	138.3	59.0
Assets held for sale (Note 5)	250.5	242.3
	843.2	1,150.3
Reclamation fund	35.7	36.5
Risk management contracts (Note 10)	120.7	123.4
Exploration and evaluation assets (Note 4)	409.8	313.2
Property, plant and equipment (Note 5, 6)	4,457.4	4,118.9
Goodwill	248.2	248.2
<b>Total assets</b>	<b>6,115.0</b>	<b>5,990.5</b>
<b>LIABILITIES</b>		
Current liabilities		
Accounts payable and accrued liabilities	159.4	161.8
Current portion of long-term debt (Note 7)	85.5	51.5
Current portion of asset retirement obligations (Note 8)	20.0	15.5
Dividends payable (Note 11)	17.7	17.7
Risk management contracts (Note 10)	1.1	28.9
Liabilities associated with assets held for sale (Note 5)	179.3	171.1
	463.0	446.5
Long-term debt (Note 7)	836.9	974.5
Long-term incentive compensation liability (Note 12)	13.9	24.6
Other deferred liabilities	13.4	12.4
Asset retirement obligations (Note 8)	376.9	363.4
Deferred taxes	764.1	684.3
<b>Total liabilities</b>	<b>2,468.2</b>	<b>2,505.7</b>
<b>SHAREHOLDERS' EQUITY</b>		
Shareholders' capital	4,658.4	4,654.9
Contributed surplus	20.9	17.6
Deficit	(1,032.2)	(1,188.0)
Accumulated other comprehensive income (loss)	(0.3)	0.3
<b>Total shareholders' equity</b>	<b>3,646.8</b>	<b>3,484.8</b>
<b>Total liabilities and shareholders' equity</b>	<b>6,115.0</b>	<b>5,990.5</b>
Commitments and contingencies (Note 13)		

See accompanying notes to the unaudited condensed interim consolidated financial statements.

**ARC RESOURCES LTD.**
**CONDENSED INTERIM CONSOLIDATED STATEMENTS OF INCOME** (unaudited)

For the three and nine months ended September 30

	Three Months Ended		Nine Months Ended	
(Cdn\$ millions, except per share amounts)	2017	2016	2017	2016
Sales of crude oil, natural gas, condensate, natural gas liquids and other income	279.2	265.6	885.4	731.7
Royalties	(22.1)	(22.9)	(76.4)	(62.3)
Revenue	257.1	242.7	809.0	669.4
Gain on risk management contracts (Note 10)	30.0	52.8	203.0	29.8
Revenue and gain on risk management contracts	287.1	295.5	1,012.0	699.2
Transportation	29.5	22.1	83.1	70.3
Operating	75.4	78.1	213.9	215.7
Exploration and evaluation expenses (Note 4)	—	—	—	1.7
General and administrative	18.6	24.4	51.9	84.1
Interest and financing charges	11.0	12.5	34.4	37.9
Accretion of asset retirement obligations (Note 8)	3.1	3.0	9.5	9.1
Depletion, depreciation, amortization and reversal of impairment (Note 5, 6)	128.5	124.0	275.0	384.2
Loss (gain) on foreign exchange	(27.9)	8.7	(56.3)	(56.6)
Gain on short-term investments	—	(0.7)	—	(1.1)
Gain on business combinations	—	(13.7)	—	(53.9)
Gain on disposal of petroleum and natural gas properties	(4.9)	—	(4.9)	—
Total expenses	233.3	258.4	606.6	691.4
Net income before income taxes	53.8	37.1	405.4	7.8
Provision for (recovery of) income taxes				
Current	(0.6)	2.0	10.4	1.0
Deferred	5.9	6.8	80.0	(27.5)
Total income taxes (recoveries)	5.3	8.8	90.4	(26.5)
Net income	48.5	28.3	315.0	34.3
Net income per share (Note 11)				
Basic	0.14	0.08	0.89	0.10
Diluted	0.14	0.08	0.89	0.10

See accompanying notes to the unaudited condensed interim consolidated financial statements.

**ARC RESOURCES LTD.****CONDENSED INTERIM CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME** (unaudited)

For the three and nine months ended September 30

	Three Months Ended		Nine Months Ended	
(Cdn\$ millions)	2017	2016	2017	2016
Net income	48.5	28.3	315.0	34.3
Other comprehensive income (loss)				
Items that may be reclassified into earnings, net of tax:				
Net unrealized gain (loss) on reclamation fund assets	(0.2)	—	(0.6)	0.3
Other comprehensive income (loss)	(0.2)	—	(0.6)	0.3
Comprehensive income	48.3	28.3	314.4	34.6

See accompanying notes to the unaudited condensed interim consolidated financial statements.

**ARC RESOURCES LTD.**
**CONDENSED INTERIM CONSOLIDATED STATEMENTS OF CHANGES IN SHAREHOLDERS' EQUITY**  
(unaudited)

For the nine months ended September 30

(Cdn\$ millions)	Shareholders' Capital (Note 11)	Contributed Surplus	Deficit	Accumulated other comprehensive income (loss)	Total Shareholders' Equity
December 31, 2015	4,536.9	12.6	(1,161.1)	0.1	3,388.5
Net income	—	—	34.3	—	34.3
Other comprehensive income	—	—	—	0.3	0.3
Total comprehensive income	—	—	34.3	0.3	34.6
Shares issued pursuant to the Dividend Reinvestment Plan and Stock Dividend Program	94.1	—	—	—	94.1
Share issuance costs	(0.2)	—	—	—	(0.2)
Recognized under share-based compensation plans (Note 12)	0.7	3.7	—	—	4.4
Dividends declared	—	—	(175.3)	—	(175.3)
September 30, 2016	4,631.5	16.3	(1,302.1)	0.4	3,346.1
December 31, 2016	4,654.9	17.6	(1,188.0)	0.3	3,484.8
Net income	—	—	315.0	—	315.0
Other comprehensive loss	—	—	—	(0.6)	(0.6)
Total comprehensive income (loss)	—	—	315.0	(0.6)	314.4
Shares issued pursuant to the Dividend Reinvestment Plan and Stock Dividend Program	3.0	—	—	—	3.0
Recognized under share-based compensation plans (Note 12)	0.5	3.3	—	—	3.8
Dividends declared	—	—	(159.2)	—	(159.2)
September 30, 2017	4,658.4	20.9	(1,032.2)	(0.3)	3,646.8

See accompanying notes to the unaudited condensed interim consolidated financial statements.

**ARC RESOURCES LTD.****CONDENSED INTERIM CONSOLIDATED STATEMENTS OF CASH FLOWS (unaudited)**

For the three and nine months ended September 30

	Three Months Ended		Nine Months Ended	
(Cdn\$ millions)	2017	2016	2017	2016
<b>CASH FLOW FROM OPERATING ACTIVITIES</b>				
Net income	48.5	28.3	315.0	34.3
Add items not involving cash:				
Unrealized loss (gain) on risk management contracts	15.5	(3.3)	(101.8)	153.4
Accretion of asset retirement obligations (Note 8)	3.1	3.0	9.5	9.1
Depletion, depreciation, amortization and reversal of impairment (Note 5, 6)	128.5	124.0	275.0	384.2
Exploration and evaluation expenses (Note 4)	—	—	—	1.7
Unrealized loss (gain) on foreign exchange	(33.6)	7.7	(66.0)	(57.6)
Gain on business combinations	—	(13.7)	—	(53.9)
Gain on disposal of petroleum and natural gas properties	(4.9)	—	(4.9)	—
Deferred tax expense (recovery)	5.9	6.8	80.0	(27.5)
Other (Note 14)	0.8	0.2	4.0	1.1
Net change in other liabilities (Note 14)	(5.8)	(3.9)	(27.9)	2.8
Change in non-cash working capital (Note 14)	(10.7)	8.6	(6.1)	23.8
Cash flow from operating activities	147.3	157.7	476.8	471.4
<b>CASH FLOW USED IN FINANCING ACTIVITIES</b>				
Repayment of senior notes	(15.1)	—	(37.8)	(42.5)
Issuance of common shares	0.1	0.3	0.5	0.5
Share issuance costs	—	(0.1)	—	(0.2)
Cash dividends paid	(53.0)	(27.9)	(156.1)	(98.2)
Cash flow used in financing activities	(68.0)	(27.7)	(193.4)	(140.4)
<b>CASH FLOW FROM (USED IN) INVESTING ACTIVITIES</b>				
Acquisition of petroleum and natural gas properties (Note 5)	—	(31.6)	(0.3)	(158.3)
Disposal of petroleum and natural gas properties (Note 5)	—	0.3	—	3.3
Property, plant and equipment development expenditures (Note 5)	(177.6)	(120.3)	(584.4)	(267.3)
Exploration and evaluation asset expenditures (Note 4)	(78.0)	(2.0)	(97.1)	(26.5)
Net reclamation fund contributions	(0.9)	(0.9)	—	(1.0)
Net withdrawal of short-term investments	277.0	—	452.8	—
Change in non-cash working capital (Note 14)	2.4	10.1	56.2	(4.3)
Cash flow from (used in) investing activities	22.9	(144.4)	(172.8)	(454.1)
<b>INCREASE (DECREASE) IN CASH AND CASH EQUIVALENTS</b>	102.2	(14.4)	110.6	(123.1)
<b>CASH AND CASH EQUIVALENTS, BEGINNING OF PERIOD</b>	230.6	58.6	222.2	167.3
<b>CASH AND CASH EQUIVALENTS, END OF PERIOD</b>	332.8	44.2	332.8	44.2
The following are included in cash flow from operating activities:				
Income taxes paid (refunded) in cash	(0.2)	(4.7)	11.9	(4.7)
Interest paid in cash	14.4	15.5	38.2	41.1

See accompanying notes to the unaudited condensed interim consolidated financial statements.

**NOTES TO THE CONDENSED INTERIM CONSOLIDATED FINANCIAL STATEMENTS** (unaudited)  
September 30, 2017 and 2016

**1. STRUCTURE OF THE BUSINESS**

The principal undertakings of ARC Resources Ltd. and its subsidiaries (collectively, the "Company" or "ARC") are to carry on the business of acquiring, developing and holding interests in petroleum and natural gas properties and assets.

ARC was incorporated in Alberta, Canada and the Company's registered office and principal place of business is located at 1200, 308 – 4<sup>th</sup> Avenue SW, Calgary, Alberta, Canada T2P 0H7.

**2. BASIS OF PREPARATION**

These unaudited condensed interim consolidated financial statements (the "financial statements") have been prepared in accordance with International Accounting Standard ("IAS") 34 *Interim Financial Reporting* using accounting policies consistent with International Financial Reporting Standards ("IFRS") as issued by the International Accounting Standards Board ("IASB"). These financial statements are condensed as they do not include all of the information required by IFRS for annual financial statements and therefore should be read in conjunction with ARC's audited consolidated financial statements for the year ended December 31, 2016. All financial information is reported in millions of Canadian dollars ("Cdn\$"), unless otherwise noted. References to "US\$" are to United States dollars.

The financial statements have been prepared on a historical cost basis, except as detailed in the accounting policies disclosed in Note 3 "Summary of Accounting Policies" of ARC's audited consolidated financial statements for the year ended December 31, 2016. All accounting policies and methods of computation followed in the preparation of these financial statements are consistent with those of the previous financial year, except for income taxes. Income taxes on net income (loss) in the interim periods are accrued using the income tax rate that would be applicable to the expected total annual net income (loss). There have been no significant changes to the use of estimates or judgments since December 31, 2016.

All inter-entity transactions have been eliminated upon consolidation between ARC and its subsidiaries in these financial statements. ARC's operations are viewed as a single operating segment by the chief operating decision maker of the Company for the purpose of resource allocation and assessing performance.

These financial statements were authorized for issue by the Board of Directors on November 9, 2017.

**3. FUTURE ACCOUNTING POLICY CHANGES**

*IFRS 15 Revenue from Contracts with Customers*

In April 2016, the IASB issued its final amendments to IFRS 15 *Revenue from Contracts with Customers*, which replaces IAS 18 *Revenue*, IAS 11 *Construction Contracts*, and related interpretations. IFRS 15 provides a single, principles-based five-step model to be applied to all contracts with customers. The standard requires an entity to recognize revenue to reflect the transfer of goods and services for the amount it expects to receive when control is transferred to the purchaser. Disclosure requirements have also been expanded. The standard is required to be adopted either retrospectively or using a modified retrospective approach for annual periods beginning on or after January 1, 2018, with earlier adoption permitted.

ARC will retrospectively adopt IFRS 15 on January 1, 2018. The Company has completed reviewing its various revenue streams and underlying contracts with customers. It has been concluded that the adoption of IFRS 15 will not have a material impact on ARC's net income and financial position. However, ARC will expand the disclosures in the notes to its financial statements as prescribed by IFRS 15, including disclosing the Company's disaggregated revenue streams by product type.

*IFRS 9 Financial Instruments*

In July 2014, the IASB completed the final elements of IFRS 9 *Financial Instruments*. The standard supersedes earlier versions of IFRS 9 and completes the IASB's project to replace IAS 39 *Financial Instruments: Recognition and Measurement*. IFRS 9 introduces a single approach to determine whether a financial asset is measured at amortized cost or fair value and replaces the multiple rules in IAS 39. The approach is based on how an entity manages its financial instruments in the context of its business model and the contractual cash flow characteristics of the financial assets. For financial liabilities, IFRS 9 retains most of the requirements of IAS 39; however, where

the fair value option is applied to financial liabilities, any change in fair value resulting from an entity's own credit risk is recorded in other comprehensive income rather than the statement of income. The Company has determined that adoption of IFRS 9 will result in changes to the classification of the Company's financial assets but will not change the classification of the Company's financial liabilities. At this time, the Company has determined there will not be any material changes in the measurement and carrying values of the Company's financial instruments as a result of the adoption of IFRS 9.

In addition, IFRS 9 introduces a new expected credit loss model for calculating impairment of financial assets, replacing the incurred loss impairment model required by IAS 39. ARC has determined that the new impairment model will not result in material changes to the valuation of its financial assets on adoption of IFRS 9. IFRS 9 also contains a new model to be applied for hedge accounting. The Company does not currently apply hedge accounting to its risk management contracts and does not currently intend to apply hedge accounting to any of its existing risk management contracts on adoption of IFRS 9. The standard will come into effect for annual periods beginning on or after January 1, 2018, with earlier adoption permitted. IFRS 9, as well as consequential amendments to IFRS 7 *Financial Instruments: Disclosures*, will be applied on a retrospective basis by ARC on January 1, 2018.

#### IFRS 16 Leases

In January 2016, the IASB issued IFRS 16 *Leases*, which replaces IAS 17 *Leases*. For lessees applying IFRS 16, a single recognition and measurement model for leases would apply, with required recognition by lessees of assets and liabilities for most leases, including subleases. The standard will come into effect for annual periods beginning on or after January 1, 2019, with earlier adoption permitted if the entity is also applying IFRS 15 *Revenue from Contracts with Customers*. The standard is required to be adopted either retrospectively or using a modified retrospective approach. IFRS 16 will be applied by ARC on January 1, 2019 and the Company is currently evaluating the impact of the standard on ARC's financial statements. The Company has commenced its project planning and scoping phase and is in the process of implementing corporate processes to ensure contract completeness to identify leases.

#### 4. EXPLORATION AND EVALUATION ("E&E") ASSETS

<b>Carrying Amount</b>	
Balance, December 31, 2016	313.2
Additions	97.1
Change in asset retirement cost	(0.5)
<b>Balance, September 30, 2017</b>	<b>409.8</b>

At September 30, 2017, ARC evaluated its E&E assets for indicators of any potential impairment. As a result of this assessment, no indicators were identified and no impairment was recorded on ARC's E&E assets.

## 5. PROPERTY, PLANT AND EQUIPMENT ("PP&E")

<b>Cost</b>	<b>Development and Production Assets</b>	<b>Administrative Assets</b>	<b>Total</b>
Balance, December 31, 2016	7,020.3	67.3	7,087.6
Additions	<b>579.4</b>	<b>5.3</b>	<b>584.7</b>
Acquisitions	<b>8.2</b>	—	<b>8.2</b>
Change in asset retirement cost	<b>33.3</b>	—	<b>33.3</b>
Assets reclassified as held for sale and disposed in period	<b>(7.2)</b>	—	<b>(7.2)</b>
Assets reclassified as held for sale	<b>(8.2)</b>	—	<b>(8.2)</b>
Other	<b>0.6</b>	—	<b>0.6</b>
Balance, September 30, 2017	<b>7,626.4</b>	<b>72.6</b>	<b>7,699.0</b>

### **Accumulated Depletion, Depreciation and Amortization ("DD&A") and Impairment**

Balance, December 31, 2016	(2,929.1)	(39.6)	(2,968.7)
DD&A	<b>(346.1)</b>	<b>(4.2)</b>	<b>(350.3)</b>
Reversal of impairment (Note 6)	<b>75.3</b>	—	<b>75.3</b>
Accumulated DD&A and impairment reclassified as held for sale and disposed in period	<b>2.7</b>	—	<b>2.7</b>
Other	<b>(0.6)</b>	—	<b>(0.6)</b>
Balance, September 30, 2017	<b>(3,197.8)</b>	<b>(43.8)</b>	<b>(3,241.6)</b>

### **Carrying Amounts**

Balance, December 31, 2016	4,091.2	27.7	4,118.9
Balance, September 30, 2017	<b>4,428.6</b>	<b>28.8</b>	<b>4,457.4</b>

For the three and nine months ended September 30, 2017, \$7.1 million and \$20.9 million of direct and incremental general and administrative ("G&A") expenses were capitalized to PP&E (\$5.9 million and \$16.0 million for the three and nine months ended September 30, 2016), respectively. At September 30, 2017, future development costs of \$2.8 billion were included in the depletion calculation (\$2.8 billion at September 30, 2016).

### **Assets held for sale**

Balance, December 31, 2016	242.3
Additions	<b>12.7</b>
Disposals	<b>(4.5)</b>
Balance, September 30, 2017	<b>250.5</b>

The assets held for sale had associated liabilities of \$179.3 million at September 30, 2017, consisting of related asset retirement obligations ("ARO").

## 6. REVERSAL OF IMPAIRMENT

The timely preparation of financial statements in accordance with IFRS requires Management to use judgments, estimates and assumptions. These estimates and judgments are subject to change and actual results could differ from those estimated. The key sources of estimation uncertainty that have a significant risk of causing material adjustment to the reported amounts of assets, liabilities, revenues, expenses, and the disclosure of contingencies are discussed below.



## Crude Oil and Natural Gas Reserves and Resources

There are a number of inherent uncertainties associated with estimating reserves and resources. Reserve and resource estimates are based on engineering data, estimated future prices, expected future rates of production and the timing and amount of future expenditures, all of which are subject to many uncertainties, interpretations and judgments. Estimates reflect market and regulatory conditions existing at each reporting date could differ significantly from other points in time throughout the year, or future periods. Reserves and resources have been evaluated at December 31, 2016 by ARC's independent qualified reserves evaluators.

## Determination of Cash Generating Units ("CGU")

Determination of what constitutes a CGU is subject to Management judgment. The recoverability of development and production asset carrying values are assessed at the CGU level. The asset composition of a CGU can directly impact the recoverability of the assets included therein.

## Recoverability of Asset Carrying Values

Management applies judgment in assessing the existence of indicators of impairment and impairment recovery based on various internal and external factors. The recoverable amount of a CGU or of an individual asset is determined as the greater of its fair value less costs of disposal and its value in use. The key estimates ARC applies in determining an acceptable range of recoverable amounts normally includes information on future commodity prices, expected production volumes, quantity of reserves and resources, future development and operating costs, discount rates, and income taxes.

At September 30, 2017, ARC evaluated its development and production assets for indicators of any potential impairment or related reversal and no such charges or reversals were recorded.

At June 30, 2017, an evaluation of indicators was also performed which resulted in tests of impairment on all of ARC's CGUs as a result of decreases in the outlook of future commodity prices compared to the most recent period an impairment test on all of ARC's CGUs was conducted, as at December 31, 2015. The impairment tests did not result in any impairment charges on ARC's development and production assets. However, it was determined that the estimated recoverable amount of the Northern Alberta CGU exceeded its carrying amount as a result of increased drilling locations and capital expenditures in the CGU since the time of ARC's last asset impairment test, which led to an increase in proved plus probable oil and gas reserves that more than offset the decreases in future commodity prices. As a result, an impairment recovery of \$75.0 million was recorded in DD&A and reversal of impairment in the statements of income.

The following table summarizes the primary product composition of ARC's Northern Alberta CGU, estimated recoverable amount, estimated discount rate assumed, and before and after-tax reversal of impairment recognized during the six months ended June 30, 2017 and nine months ended September 30, 2017:

CGU	Primary Type of Producing Assets	Recoverable Amount	Discount Rate <sup>(1)</sup>	Reversal of Impairment	Reversal of Impairment, Net of Tax
Northern Alberta	Crude oil and natural gas	574.0	10.0%	75.0	55.1

(1) After-tax discount rate based on an estimated industry weighted average cost of capital appropriate for the CGU.

Prior to the \$75.0 million reversal of impairment recorded during the six months ended June 30, 2017 and nine months ended September 30, 2017, \$156.1 million of previously recorded impairment charges were eligible to recover in the Northern Alberta CGU. Subsequent to this reversal of impairment, \$81.1 million of previously recorded impairment charges remain eligible to recover.

In estimating the recoverable amount of each CGU at June 30, 2017, the following information was incorporated:

- The net present value of the after-tax cash flows from proved plus probable oil and gas reserves of each CGU based on reserves estimated by ARC's independent reserve evaluator at December 31, 2016, updated using forward commodity price estimates at July 1, 2017 provided by ARC's independent reserve evaluator and adjusted for the net present value of the after-tax abandonment and reclamation costs on properties without proved plus probable oil and gas reserves. The reserve evaluation is based on an estimated remaining reserve life up to a maximum of 50 years.
- The fair value of undeveloped land based on estimates provided by ARC's independent land evaluator at December 31, 2016.

- iii) Recent transactions completed within the industry on assets with similar geological and geographic characteristics within the relevant CGU.

Key input estimates used in the determination of cash flows from oil and gas reserves include the following:

- a) Reserves and resources – Assumptions that are valid at the time of reserve and resource estimation may change significantly when new information becomes available. Changes in forward price estimates, production costs, required capital expenditures or recovery rates may change the economic status of reserves and resources and may ultimately result in reserves and resources being revised.
- b) Crude oil and natural gas prices – Forward price estimates of the crude oil and natural gas prices are used in the cash flow model. Commodity prices have fluctuated widely in recent years due to global and regional factors including supply and demand fundamentals, inventory levels, exchange rates, weather, economic and geopolitical factors.
- c) Discount rate – The discount rate used to calculate the net present value of cash flows is based on estimates of an approximate industry peer group weighted average cost of capital as appropriate for each CGU being tested. Changes in the general economic environment could result in significant changes to this estimate.

The estimated recoverable amounts were based on fair value less costs of disposal calculations using after-tax discount rates that are based on an estimated industry weighted average cost of capital ranging from 9.5 to 10.5 per cent, depending on the resource composition of the assets in the CGU, an inflation rate of two per cent, and the following forward commodity price estimates:

	<b>Edmonton Light Crude Oil</b>	<b>WTI Oil</b>	<b>AECO Gas</b>	<b>Cdn\$/US\$</b>
<b>Year</b>	<b>(Cdn\$/bbl) <sup>(1,2)</sup></b>	<b>(US\$/bbl) <sup>(1,2)</sup></b>	<b>(Cdn\$/MMbtu) <sup>(1,2)</sup></b>	<b>Exchange Rates <sup>(1,2)</sup></b>
2017	61.33	49.00	2.83	0.75
2018	63.23	52.00	2.93	0.78
2019	66.88	57.00	3.05	0.80
2020	70.30	62.00	3.22	0.83
2021	72.94	66.00	3.39	0.85
2022	76.47	69.00	3.58	0.85
2023	80.00	72.00	3.76	0.85
2024	83.53	75.00	3.95	0.85
2025	87.06	78.00	4.03	0.85
2026	89.99	81.27	4.11	0.85
Remainder	+2.0% per year	+2.0% per year	+2.0% per year	0.85

(1) Source: GLJ Petroleum Consultants price forecast, effective July 1, 2017.

(2) The forecast benchmark prices listed above are adjusted for quality differentials, heat content and distance to market in performing the Company's impairment tests.

The fair value less costs of disposal value used to determine the recoverable amounts of the Northern Alberta CGU is classified as a Level 3 fair value measurement as certain key assumptions are not based on observable market data but, rather, Management's best estimates. Refer to Note 10 for information on fair value hierarchy classifications.

The results of the impairment and impairment reversal tests performed are sensitive to changes in any of the key judgments, such as a revision in reserves or resources, a change in forecast commodity prices, expected royalties, required future development capital expenditures or expected future production costs, which could decrease or increase the recoverable amounts of assets and result in additional impairment charges or recovery of impairment charges.

The following table demonstrates the effect of the assumed discount rate and the effect of forecast cash flow estimates on the after-tax reversal of impairment recorded for the six months ended June 30, 2017 and nine months ended September 30, 2017 in the Northern Alberta CGU. The sensitivity is based on a one per cent increase and one per cent decrease in the assumed discount rate and a five per cent decrease and five per cent increase in the forecast cash flow estimates.

	<b>Increase in Discount Rate of 1 per cent</b>	<b>Decrease in Discount Rate of 1 per cent</b>	<b>Decrease in Cash Flow Estimates of 5 per cent</b>	<b>Increase in Cash Flow Estimates of 5 per cent</b>
Reversal of impairment increase (decrease) (net of tax)	(26.6)	31.2	(33.0)	33.0

## 7. LONG-TERM DEBT

	<b>US \$ Denominated</b>		<b>Canadian \$ Amount</b>	
	<b>September 30, 2017</b>	<b>December 31, 2016</b>	<b>September 30, 2017</b>	<b>December 31, 2016</b>
Senior notes				
Master Shelf Agreement				
5.42% US\$ note	<b>9.4</b>	9.4	<b>11.7</b>	12.6
4.98% US\$ note	<b>20.0</b>	30.0	<b>25.0</b>	40.3
3.72% US\$ note	<b>150.0</b>	150.0	<b>187.7</b>	201.4
2009 note issuance				
8.21% US\$ note	<b>28.0</b>	35.0	<b>35.0</b>	47.0
2010 note issuance				
5.36% US\$ note	<b>150.0</b>	150.0	<b>187.7</b>	201.4
2012 note issuance				
3.31% US\$ note	<b>48.0</b>	60.0	<b>60.0</b>	80.6
3.81% US\$ note	<b>300.0</b>	300.0	<b>375.3</b>	402.7
4.49% Cdn\$ note	<b>N/A</b>	N/A	<b>40.0</b>	40.0
<b>Total long-term debt outstanding</b>	<b>705.4</b>	734.4	<b>922.4</b>	1,026.0
Long-term debt due within one year			<b>85.5</b>	51.5
Long-term debt due beyond one year			<b>836.9</b>	974.5

At September 30, 2017, the fair value of all senior notes is \$935.6 million (\$1,032.7 million as at December 31, 2016), compared to a carrying value of \$922.4 million (\$1,026.0 million as at December 31, 2016). At September 30, 2017, ARC was in compliance with all of its debt covenants.

On September 25, 2017, the Company's Master Shelf Agreement expired, reducing ARC's total debt capacity by US\$170.6 million. At September 30, 2017, ARC's total debt capacity is \$1,912.4 million (\$2,231.7 million as at December 31, 2016).

Subsequent to September 30, 2017, on November 1, 2017, ARC extended its syndicated revolving credit facility for one additional year until November 8, 2021 at similar terms.

## 8. ASSET RETIREMENT OBLIGATIONS

ARC has estimated the net present value of its total ARO to be \$396.9 million as at September 30, 2017 (\$378.9 million at December 31, 2016) based on a total future undiscounted liability of \$1,046.4 million (\$725.9 million at December 31, 2016).

The following table reconciles ARC's provision for its ARO:

	Nine Months Ended September 30, 2017	Year Ended December 31, 2016
Balance, beginning of period	378.9	573.2
Development activities	8.7	5.3
Change in estimates <sup>(1)</sup>	49.8	27.0
Change in discount rate	(25.7)	(24.2)
Settlement of obligations	(14.6)	(13.0)
Accretion	9.5	12.1
Acquisitions and business combinations	—	16.4
Revaluation of obligations acquired in business combinations	—	42.1
Dispositions	(1.5)	(88.9)
Reclassified as liabilities associated with assets held for sale	(8.2)	(171.1)
Balance, end of period	396.9	378.9
Expected to be incurred within one year	20.0	15.5
Expected to be incurred beyond one year	376.9	363.4

(1) Relates to changes in costs of future obligations and anticipated settlement dates of ARO.

The Bank of Canada's long-term risk-free bond rate of 2.5 per cent (2.3 per cent at December 31, 2016) and an inflation rate of 2.0 per cent (2.0 per cent at December 31, 2016) were used to calculate the present value of ARO at September 30, 2017.

## 9. CAPITAL MANAGEMENT

ARC manages its capital structure and makes adjustments to it in response to changes in economic conditions and the risk characteristics of the underlying assets. ARC is able to change its capital structure by issuing new shares, new debt or changing its dividend policy.

ARC's objective when managing its capital is to maintain a conservative structure that will allow it to:

- fund its development and exploration program;
- provide financial flexibility to execute on strategic opportunities; and
- maintain a dividend policy that, in normal times, in the opinion of Management and the Board of Directors, is sustainable.

ARC manages its capital through:

- common shares; and
- net debt.

When evaluating ARC's capital structure, Management's long-term strategy is to keep its net debt balance to a ratio of between one to 1.5 times annualized funds from operations and less than 20 per cent of total market capitalization. At September 30, 2017, ARC's net debt was 0.9 times its annualized funds from operations. Over time, ARC expects its net debt to annualized funds from operations ratio to return to the target levels of between one to 1.5 times annualized funds from operations as proceeds received from dispositions in 2016 will be reinvested to fund continued capital development in ARC's core operating areas.

## Funds from Operations

ARC considers funds from operations to be a key measure of operating performance as it demonstrates ARC's ability to generate the necessary funds for sustaining capital, future growth through capital investment, and to repay debt. Management believes that such a measure provides an insightful assessment of ARC's operations on a continuing basis by eliminating certain non-cash charges and charges that are nonrecurring. Funds from operations is not a standardized measure and therefore may not be comparable with the calculation of similar measures for other entities.

Funds from operations for the three and nine months ended September 30, 2017 and 2016 is calculated as follows:

	Three Months Ended September 30		Nine Months Ended September 30	
	2017	2016	2017	2016
Cash flow from operating activities	147.3	157.7	476.8	471.4
Net change in other liabilities (Note 14)	5.8	3.9	27.9	(2.8)
Change in non-cash operating working capital (Note 14)	10.7	(8.6)	6.1	(23.8)
Funds from operations	163.8	153.0	510.8	444.8

## Net Debt and Total Capitalization

Net debt is used by Management as a key measure to assess the Company's liquidity. Total capitalization is used by Management and ARC's investors in analyzing the Company's balance sheet strength and liquidity.

	September 30, 2017	September 30, 2016
Long-term debt <sup>(1)</sup>	922.4	1,015.5
Accounts payable and accrued liabilities	159.4	151.0
Dividends payable	17.7	17.7
Cash and cash equivalents, accounts receivable, prepaid expenses and short-term investments	(454.4)	(174.8)
Net debt	645.1	1,009.4
Shares outstanding (millions) <sup>(2)</sup>	353.5	352.2
Share price (\$) <sup>(3)</sup>	17.19	23.73
Market capitalization	6,076.7	8,357.7
Net debt	645.1	1,009.4
Total capitalization	6,721.8	9,367.1
Net debt as a percentage of total capitalization (%)	9.6	10.8
Net debt to annualized funds from operations (ratio)	0.9	1.7

(1) Includes current portion of long-term debt at September 30, 2017 and 2016 of \$85.5 million and \$50.3 million, respectively.

(2) Basic shares outstanding as at September 30, 2017 and 2016, respectively.

(3) TSX closing price as at September 30, 2017 and 2016, respectively.

## 10. FINANCIAL INSTRUMENTS AND MARKET RISK MANAGEMENT

### Financial Instruments

ARC's financial instruments include cash and cash equivalents, short-term investments, accounts receivable, risk management contracts, the reclamation fund, accounts payable and accrued liabilities, dividends payable, and long-term debt.

ARC's financial instruments that are carried at fair value on the unaudited condensed interim consolidated balance sheets (the "balance sheets") include cash and cash equivalents, short-term investments, risk management contracts, and the reclamation fund. The fair value of long-term debt is disclosed in Note 7. To estimate the fair value of these instruments, ARC uses quoted market prices when available, or third-party models and valuation methodologies that use observable market data. Fair value is measured using the assumptions that market participants would use, including transaction-specific details and non-performance risk.

All financial assets and liabilities for which fair value is measured or disclosed in the financial statements are further categorized using a three-level hierarchy that reflects the significance of the lowest level of inputs used in determining fair value:

- Level 1 – Quoted prices are available in active markets for identical assets or liabilities as of the reporting date. Active markets are those in which transactions occur in sufficient frequency and volume to provide pricing information on an ongoing basis.
- Level 2 – Pricing inputs are other than quoted prices in active markets included in Level 1. Prices in Level 2 are either directly or indirectly observable as of the reporting date. Level 2 valuations are based on inputs, including quoted forward prices for commodities, time value and volatility factors, which can be substantially observed or corroborated in the marketplace.
- Level 3 – Valuations in this level are those with inputs for the asset or liability that are not based on observable market data.

All of ARC's financial instruments carried at fair value are transacted in active markets. ARC's cash and cash equivalents, short-term investments, and the reclamation fund are classified as Level 1 measurements and its risk management contracts and fair value disclosure for its long-term debt are classified as Level 2 measurements. ARC does not have any financial instruments classified as Level 3.

ARC determines whether transfers have occurred between levels in the hierarchy by reassessing its hierarchy classifications at each reporting date based on the lowest level input that is significant to the fair value measurement as a whole. There were no transfers between levels in the hierarchy in the nine months ended September 30, 2017 or 2016.

The carrying values of ARC's cash and cash equivalents, accounts receivable, accounts payable and accrued liabilities, and dividends payable approximate their fair values due to the short-term nature of these instruments.

### Financial Assets and Financial Liabilities Subject to Offsetting

ARC's risk management contracts are subject to master netting agreements that create a legally enforceable right to offset by counterparty the related financial assets and financial liabilities on the Company's balance sheets in all circumstances. ARC manages these contracts on the basis of its net exposure to market risks and therefore measures their fair value consistently with how market participants would price the net risk exposure at the reporting date under current market conditions.

The following is a summary of ARC's financial assets and financial liabilities that are subject to offsetting as at September 30, 2017 and December 31, 2016:

	Gross Amounts of Recognized Financial Assets (Liabilities)	Gross Amounts of Recognized Financial Assets (Liabilities) Offset in Balance Sheet	Net Amounts of Financial Assets (Liabilities) Recognized in Balance Sheet Prior to Credit Risk Adjustment	Credit Risk Adjustment	Net Amounts of Financial Assets (Liabilities) Recognized in Balance Sheet
<b>As at September 30, 2017</b>					
Risk management contracts					
Current asset	158.0	(18.9)	139.1	(0.8)	138.3
Long-term asset	129.3	(7.9)	121.4	(0.7)	120.7
Current liability	(20.0)	18.9	(1.1)	—	(1.1)
Long-term liability	(7.9)	7.9	—	—	—
Net position	259.4	—	259.4	(1.5)	257.9
<b>As at December 31, 2016</b>					
Risk management contracts					
Current asset	100.1	(40.7)	59.4	(0.4)	59.0
Long-term asset	140.5	(16.2)	124.3	(0.9)	123.4
Current liability	(70.3)	40.7	(29.6)	0.7	(28.9)
Long-term liability	(16.2)	16.2	—	—	—
Net position	154.1	—	154.1	(0.6)	153.5

## Risk Management Contracts

The following table summarizes the average crude oil and natural gas volumes associated with ARC's risk management contracts as at September 30, 2017. Risk management contract premiums are not included in the table below and have been disclosed as commitments in Note 13.

<b>Risk Management Contracts Positions Summary <sup>(1)</sup></b>										
As at September 30, 2017	<b>Q4 2017</b>		<b>2018</b>		<b>2019</b>		<b>2020</b>		<b>2021</b>	
<b>Crude Oil – WTI <sup>(2)</sup></b>	US\$/bbl	bbl/day	US\$/bbl	bbl/day	US\$/bbl	bbl/day	US\$/bbl	bbl/day	US\$/bbl	bbl/day
Ceiling	56.22	14,000	65.39	4,000	65.63	2,000	—	—	—	—
<b>Floor</b>	45.71	14,000	50.00	4,000	50.00	2,000	—	—	—	—
Sold Floor	35.23	11,000	40.00	4,000	40.00	2,000	—	—	—	—
Sold Swaption <sup>(3)</sup>	—	—	54.00	2,000	—	—	—	—	—	—
<b>Crude Oil – Cdn\$ WTI <sup>(4)</sup></b>	Cdn\$/bbl	bbl/day	Cdn\$/bbl	bbl/day	Cdn\$/bbl	bbl/day	Cdn\$/bbl	bbl/day	Cdn\$/bbl	bbl/day
Ceiling	—	—	76.25	2,000	—	—	—	—	—	—
<b>Floor</b>	—	—	65.00	2,000	—	—	—	—	—	—
Swap	—	—	72.52	6,000	—	—	—	—	—	—
<b>Total Crude Oil Volumes (bbl/day)</b>	<b>14,000</b>		<b>12,000</b>		<b>2,000</b>		<b>—</b>		<b>—</b>	
<b>Crude Oil – MSW (Differential to WTI) <sup>(5)</sup></b>	US\$/bbl	bbl/day	US\$/bbl	bbl/day	US\$/bbl	bbl/day	US\$/bbl	bbl/day	US\$/bbl	bbl/day
Swap	(3.22)	10,000	(3.45)	5,000	—	—	—	—	—	—
<b>Natural Gas – NYMEX Henry Hub <sup>(6)</sup></b>	US\$/MMBtu	MMBtu/day	US\$/MMBtu	MMBtu/day	US\$/MMBtu	MMBtu/day	US\$/MMBtu	MMBtu/day	US\$/MMBtu	MMBtu/day
Ceiling	3.37	20,000	3.64	80,000	3.96	110,000	3.34	40,000	3.34	40,000
<b>Floor</b>	3.00	20,000	3.00	80,000	3.20	110,000	2.75	40,000	2.75	40,000
Sold Floor	—	—	2.50	80,000	2.25	70,000	2.25	40,000	2.25	40,000
Swap	4.00	145,000	4.00	90,000	—	—	—	—	—	—
<b>Natural Gas – AECO <sup>(7)</sup></b>	Cdn\$/GJ	GJ/day	Cdn\$/GJ	GJ/day	Cdn\$/GJ	GJ/day	Cdn\$/GJ	GJ/day	Cdn\$/GJ	GJ/day
Ceiling	—	—	—	—	3.30	10,000	3.60	30,000	—	—
<b>Floor</b>	—	—	—	—	3.00	10,000	3.08	30,000	—	—
Swap	2.81	93,261	2.99	44,932	3.16	20,000	3.35	30,000	—	—
<b>Total Natural Gas Volumes (MMBtu/day)</b>	<b>253,394</b>		<b>212,587</b>		<b>138,435</b>		<b>96,869</b>		<b>40,000</b>	
<b>Natural Gas – AECO Basis (Percentage of NYMEX)</b>	AECO/ NYMEX	MMBtu/day	AECO/ NYMEX	MMBtu/day	AECO/ NYMEX	MMBtu/day	AECO/ NYMEX	MMBtu/day	AECO/ NYMEX	MMBtu/day
Sold Swap	89.7	145,000	84.9	90,000	83.7	40,000	—	—	—	—
<b>Natural Gas – AECO Basis (Differential to NYMEX)</b>	US\$/MMBtu	MMBtu/day	US\$/MMBtu	MMBtu/day	US\$/MMBtu	MMBtu/day	US\$/MMBtu	MMBtu/day	US\$/MMBtu	MMBtu/day
Sold Swap	(0.81)	70,000	(0.78)	80,000	(0.78)	100,000	(0.76)	90,000	(0.94)	30,000
Bought Swap	(1.19)	(50,000)	—	—	—	—	—	—	—	—
<b>Total AECO Basis Volumes (MMBtu/day)</b>	<b>165,000</b>		<b>170,000</b>		<b>140,000</b>		<b>90,000</b>		<b>30,000</b>	
<b>Natural Gas - Other Basis (Differential to NYMEX) <sup>(8)</sup></b>		MMBtu/day		MMBtu/day		MMBtu/day		MMBtu/day		MMBtu/day
Sold Swap		—		—		40,000		40,000		40,000

(1) The prices and volumes in this table represent averages for several contracts representing different periods. The average price for the portfolio of options listed above does not have the same payoff profile as the individual option contracts. Viewing the average price of a group of options is purely for indicative purposes. All positions are financially settled against the benchmark prices.

(2) Crude oil prices referenced to WTI.

(3) The sold swaption allows the counterparty, at a specified future date, to enter into a swap with ARC at the above-detailed terms. The volumes are not included in the total crude oil volumes until such time that the option is exercised.

(4) Crude oil prices referenced to WTI, multiplied by the WM/Reuters Intra-day Spot Rate as of Noon EST.

(5) MSW differential refers to the discount between WTI and the mixed sweet crude grade at Edmonton, calculated on a monthly weighted average basis in US\$.

(6) Natural gas prices referenced to NYMEX Henry Hub Last Day Settlement.

(7) Natural gas prices referenced to AECO 7A Monthly Index.

(8) ARC has entered into basis swaps at locations other than AECO.



## 11. SHAREHOLDERS' CAPITAL

(thousands of shares)	Nine Months Ended September 30, 2017	Year Ended December 31, 2016
Common shares, beginning of period	353,287	347,084
Restricted shares issued pursuant to the LTRSA <sup>(1)</sup> Plan	127	99
Forfeited restricted shares pursuant to the LTRSA Plan	(22)	(3)
Unvested restricted shares held in trust pursuant to the LTRSA Plan	(105)	(96)
Dividend Reinvestment Plan	129	4,756
Stock Dividend Program	16	1,398
Issued on exercise of share options	27	49
Common shares, end of period	353,459	353,287

(1) Long-term Restricted Share Award ("LTRSA"), includes restricted shares granted and associated stock dividends.

Net income per common share has been determined based on the following:

(thousands of shares)	Three Months Ended September 30		Nine Months Ended September 30	
	2017	2016	2017	2016
Weighted average common shares	353,450	351,692	353,419	350,283
Dilutive impact of share-based compensation <sup>(1)</sup>	413	619	419	328
Weighted average common shares, diluted	353,863	352,311	353,838	350,611

(1) For the three and nine months ended September 30, 2017, 3.0 million share options were excluded from the diluted weighted average shares calculation as they were anti-dilutive (1.0 million and 3.2 million for the three and nine months ended September 30, 2016).

Dividends declared for the three and nine months ended September 30, 2017 were \$0.15 and \$0.45 per common share, (\$0.15 and \$0.50 for the three and nine months ended September 30, 2016).

On October 16, 2017, the Board of Directors declared a dividend of \$0.05 per common share designated as an eligible dividend, payable in cash to shareholders of record on October 31, 2017. The dividend payment date is November 15, 2017.

On February 8, 2017, ARC's Board of Directors approved the cancellation of ARC's Dividend Reinvestment Plan and Stock Dividend Program beginning with the dividend payment on April 17, 2017 to shareholders of record on March 31, 2017. Shareholders that had been enrolled in either program will receive dividends in cash after the cancellation date.

## 12. SHARE-BASED COMPENSATION PLANS

### Long-term Incentive Plans

The following table summarizes the Restricted Share Unit ("RSU"), Performance Share Unit ("PSU") and Deferred Share Unit ("DSU") movement for the nine months ended September 30, 2017:

(number of units, thousands)	RSUs	PSUs <sup>(1)</sup>	DSUs
Balance, December 31, 2016	690	1,708	412
Granted	425	657	81
Distributed	(302)	(391)	(92)
Forfeited	(61)	(135)	—
Balance, September 30, 2017	752	1,839	401

(1) Based on underlying units before any effect of the performance multiplier.

Compensation charges (recoveries) relating to the RSU and PSU Plan and DSU Plan are reconciled as follows:

	Three Months Ended September 30		Nine Months Ended September 30	
	2017	2016	2017	2016
G&A expenses <sup>(1)</sup>	4.4	8.8	0.9	30.4
Operating expenses	0.6	1.4	0.9	4.1
PP&E (recoveries)	(0.2)	1.3	(0.6)	3.4
Total compensation charges	4.8	11.5	1.2	37.9
Cash payments	10.6	14.1	22.0	25.8

(1) Within G&A expenses, an expense of \$0.7 million and a recovery of \$0.9 million are related to the DSU Plan for the three and nine months ended September 30, 2017 (expenses of \$1.2 million and \$4.0 million for the three and nine months ended September 30, 2016), respectively.

At September 30, 2017, \$13.0 million of compensation amounts payable were included in accounts payable and accrued liabilities on the balance sheet (\$25.0 million at December 31, 2016) and \$13.9 million was included in the long-term incentive compensation liability (\$24.6 million at December 31, 2016). A recoverable amount of \$0.3 million was included in accounts receivable at September 30, 2017 (\$0.5 million at December 31, 2016).

### Share Option Plan

The changes in total share options outstanding and related weighted average exercise prices for the nine months ended September 30, 2017 were as follows:

	Share Options (number of units, thousands)	Weighted Average Exercise Price (\$)
Balance, December 31, 2016	3,972	21.22
Granted	1,312	16.59
Exercised	(27)	15.36
Forfeited	(213)	21.91
Balance, September 30, 2017	5,044	19.64
Exercisable, September 30, 2017	1,274	17.77

The following table summarizes information regarding share options outstanding at September 30, 2017:

Range of exercise price per common share (\$)	Number of share options outstanding (thousands)	Weighted average exercise price per share for options outstanding (\$)	Weighted average remaining term (years)	Number of share options exercisable (thousands)	Weighted average exercise price per share for options exercisable (\$)
14.85 - 20.00	2,026	15.88	4.96	717	14.85
20.01 - 25.00	2,572	20.80	4.18	557	21.53
25.01 - 29.99	446	29.99	3.72	—	—
Total	5,044	19.64	4.45	1,274	17.77

ARC estimates the fair value of share options granted on the date of grant using a binomial-lattice option pricing model. The following assumptions were used to arrive at the estimated fair value of the share options at their grant date:

	<b>Nine Months Ended September 30, 2017</b>	Nine Months Ended September 30, 2016
Grant date share price (\$)	<b>16.59</b>	21.13
Exercise price (\$) <sup>(1)</sup>	<b>16.59</b>	21.13
Expected annual dividends (\$)	<b>0.60</b>	0.60
Expected volatility (%) <sup>(2)</sup>	<b>31.00</b>	33.00
Risk-free interest rate (%)	<b>1.26</b>	0.88
Expected life of share option <sup>(3)</sup>	<b>5.5 to 6 years</b>	5.5 to 6 years
Fair value per share option (\$)	<b>4.31</b>	3.70

(1) Exercise price is reduced monthly by the amount of dividend declared.

(2) Expected volatility is determined by the average price volatility of the common shares/trust units over the past seven years.

(3) Expected life of the share option is calculated as the mid-point between vesting date and expiry.

ARC recorded compensation expense of \$1.2 million and \$2.7 million relating to the share option plan for the three and nine months ended September 30, 2017 (\$1.1 million and \$3.2 million for the three and nine months ended September 30, 2016), respectively. During the three and nine months ended September 30, 2017, \$0.1 million and \$0.3 million of share option compensation charges were capitalized to PP&E (\$0.2 million and \$0.4 million for the three and nine months ended September 30, 2016), respectively.

#### **Long-term Restricted Share Award Plan ("LTRSA Plan")**

The changes in total LTRSA outstanding and related fair value per restricted share for the nine months ended September 30, 2017 were as follows:

	<b>LTRSA (number of units, thousands)</b>	<b>Fair Value per Restricted Share (\$)</b>
Balance, December 31, 2016	193	21.33
Granted	<b>127</b>	<b>16.65</b>
Forfeited	<b>(22)</b>	<b>21.42</b>
Balance, September 30, 2017	<b>298</b>	<b>19.27</b>

ARC recorded G&A expenses of \$0.1 million and \$1.1 million relating to the LTRSA Plan during the three and nine months ended September 30, 2017 (\$0.2 million and \$1.0 million for the three and nine months ended September 30, 2016), respectively.

### 13. COMMITMENTS AND CONTINGENCIES

The following is a summary of ARC's contractual obligations and commitments as at September 30, 2017:

	Payments Due by Period				Total
	1 Year	2-3 Years	4-5 Years	Beyond 5 Years	
Debt repayments <sup>(1)</sup>	85.5	218.2	302.5	316.2	922.4
Interest payments <sup>(2)</sup>	39.1	66.6	43.7	23.6	173.0
Reclamation fund contributions <sup>(3)</sup>	3.1	5.8	5.4	40.9	55.2
Purchase commitments	59.1	9.9	0.1	—	69.1
Transportation commitments	108.5	209.1	234.9	630.3	1,182.8
Operating leases	15.7	28.7	26.9	20.2	91.5
Risk management contract premiums <sup>(4)</sup>	1.9	0.6	—	—	2.5
<b>Total contractual obligations and commitments</b>	<b>312.9</b>	<b>538.9</b>	<b>613.5</b>	<b>1,031.2</b>	<b>2,496.5</b>

(1) Long-term and current portion of long-term debt.

(2) Fixed interest payments on senior notes.

(3) Contribution commitments to a restricted reclamation fund associated with the Redwater property.

(4) Fixed premiums to be paid in future periods on certain commodity price risk management contracts.

During the nine months ended September 30, 2017, ARC recorded a \$2.4 million provision related to its office subleases, which have been determined to be onerous contracts. The provision is based on a total future undiscounted liability of \$3.9 million and represents the present value of the difference between the minimum future lease payments for ARC's non-cancellable office lease and estimated sublease recoveries. These cash flows have been discounted using a risk-free rate of 2.1 per cent. The provision is expected to be completely amortized by 2024. At September 30, 2017, a \$2.3 million provision remains to be amortized.

### 14. SUPPLEMENTAL DISCLOSURES

#### Presentation in the Statements of Income

ARC's statements of income are prepared primarily by nature of item, with the exception of employee compensation expenses which are included in both operating and G&A expense line items.

The following table details the amount of total employee compensation expenses included in operating and G&A expense line items in the statements of income:

	Three Months Ended September 30		Nine Months Ended September 30	
	2017	2016	2017	2016
Operating	9.3	9.3	26.6	27.5
G&A	16.5	19.6	44.1	67.5
<b>Total employee compensation expenses</b>	<b>25.8</b>	<b>28.9</b>	<b>70.7</b>	<b>95.0</b>

### Cash Flow Statement Presentation

The following tables provide a detailed breakdown of certain line items contained within cash flow from operating activities:

	Three Months Ended September 30		Nine Months Ended September 30	
	2017	2016	2017	2016
<b>Change in Non-Cash Working Capital</b>				
Accounts receivable	10.1	10.9	63.3	4.4
Accounts payable and accrued liabilities	(20.5)	6.7	(2.0)	14.9
Prepaid expenses	2.6	1.1	(7.9)	0.2
Short-term investments	(0.5)	—	(3.3)	—
<b>Total</b>	<b>(8.3)</b>	<b>18.7</b>	<b>50.1</b>	<b>19.5</b>
Relating to:				
Operating activities	(10.7)	8.6	(6.1)	23.8
Investing activities	2.4	10.1	56.2	(4.3)
<b>Total change in non-cash working capital</b>	<b>(8.3)</b>	<b>18.7</b>	<b>50.1</b>	<b>19.5</b>

	Three Months Ended September 30		Nine Months Ended September 30	
	2017	2016	2017	2016
<b>Other Non-Cash Items</b>				
Other deferred liabilities	(0.5)	(0.4)	1.0	(1.3)
Gain on short-term investments	—	(0.7)	—	(1.1)
Share-based compensation expense	1.3	1.3	3.0	3.5
<b>Total other non-cash items</b>	<b>0.8</b>	<b>0.2</b>	<b>4.0</b>	<b>1.1</b>

	Three Months Ended September 30		Nine Months Ended September 30	
	2017	2016	2017	2016
<b>Net Change in Other Liabilities</b>				
Long-term incentive compensation liability	(1.0)	0.7	(10.7)	8.0
Risk management contracts	(0.8)	—	(2.6)	3.3
ARO settlements	(4.0)	(4.6)	(14.6)	(8.5)
<b>Total net change in other liabilities</b>	<b>(5.8)</b>	<b>(3.9)</b>	<b>(27.9)</b>	<b>2.8</b>

# CORPORATE & SHAREHOLDER INFORMATION

## DIRECTORS

**Harold N. Kvisle** <sup>(1)</sup>  
Chairman

**Myron M. Stadnyk**  
President and Chief Executive Officer

**David R. Collyer** <sup>(2) (3)</sup>

**John P. Dielwart** <sup>(2) (4)</sup>

**Fred J. Dymont** <sup>(1) (3)</sup>

**Timothy J. Hearn** <sup>(1) (5)</sup>

**James C. Houck** <sup>(4) (6)</sup>

**Kathleen O'Neill** <sup>(4) (6)</sup>

**Herbert C. Pinder Jr.** <sup>(1) (5)</sup>

**William G. Sembo** <sup>(2) (5)</sup>

**Nancy L. Smith** <sup>(3) (6)</sup>

(1) Member of Policy and Board Governance Committee  
(2) Member of Health, Safety and Environment Committee  
(3) Member of Risk Committee  
(4) Member of Reserves Committee  
(5) Member of Human Resources and Compensation Committee  
(6) Member of Audit Committee

## OFFICERS

**Myron M. Stadnyk**  
President and Chief Executive Officer

**Terry M. Anderson**  
Senior Vice President and Chief Operating Officer

**P. Van R. Dafoe**  
Senior Vice President and Chief Financial Officer

**Bevin M. Wirzba**  
Senior Vice President, Business Development  
and Capital Markets

**Chris D. Baldwin**  
Vice President, Geosciences

**Ryan V. Berrett**  
Vice President, Marketing

**Kris J. Bibby**  
Vice President, Finance

**Sean R. A. Calder**  
Vice President, Production

**Lara M. Conrad**  
Vice President, Engineering and Planning

**Armin Jahangiri**  
Vice President, Operations

**Wayne D. Lentz**  
Vice President, Business Analysis

**Lisa A. Olsen**  
Vice President, Human Resources

**Grant A. Zawalsky**  
Corporate Secretary

## EXECUTIVE OFFICE

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## AUDITORS

**PricewaterhouseCoopers LLP**  
Calgary, Alberta

## ENGINEERING CONSULTANTS

**GLJ Petroleum  
Consultants Ltd.**  
Calgary, Alberta

## LEGAL COUNSEL

**Burnet Duckworth & Palmer LLP**  
Calgary, Alberta

## CORPORATE CALENDAR 2018

**February 8, 2018**  
2017 Year-end Results

**May 2, 2018**  
Q1 2018 Results

**May 3, 2018**  
Annual General Meeting

**August 2, 2018**  
Q2 2018 Results

**November 8, 2018**  
Q3 2018 Results

**November 12, 2018**  
Investor Day

## STOCK EXCHANGE LISTING

The Toronto Stock Exchange  
Trading Symbol: **ARX**

## INVESTOR INFORMATION

Visit our website at  
**[www.arcresources.com](http://www.arcresources.com)**  
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