## Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations

The MD&A is intended to provide a narrative description of Encana's business from management's perspective. This MD&A should be read in conjunction with the unaudited interim Condensed Consolidated Financial Statements and accompanying notes for the period ended June 30, 2018 ("Consolidated Financial Statements"), which are included in Part I, Item 1 of this Quarterly Report on Form 10-Q and the audited Consolidated Financial Statements and accompanying notes and MD&A for the year ended December 31, 2017, which are included in Items 8 and 7, respectively, of the 2017 Annual Report on Form 10-K. Common industry terms and abbreviations are used throughout this MD&A and are defined in the Definitions, Conversions and Conventions sections of this Quarterly Report on Form 10-Q. This MD&A includes the following sections:

- Executive Overview
- Results of Operations
- Liquidity and Capital Resources
- Non-GAAP Measures

## **Executive Overview**

## **Strategy**

Encana is a leading North American energy producer that is focused on developing its multi-basin portfolio of oil, NGLs and natural gas producing plays. Encana is committed to growing long-term shareholder value through a disciplined focus on generating profitable growth. The Company is pursuing the key business objectives of exercising a disciplined capital allocation strategy by investing in a limited number of core assets, growing high margin liquids volumes, maximizing profitability through operating efficiencies and reducing costs, and preserving balance sheet strength.

In executing its strategy, Encana focuses on its core values of One, Agile and Driven, which guide the organization to be flexible, responsive, determined and motivated with a commitment to excellence and a passion to succeed as a unified team.

Encana continually reviews and evaluates its strategy and changing market conditions. In 2018, Encana continues to focus on quality growth from high margin, scalable projects located in some of the best plays in North America, referred to as the "Core Assets", comprising Montney and Duvernay in Canada and Eagle Ford and Permian in the U.S. These world-class assets form a multi-basin portfolio enabling flexible and efficient investment of capital. The Company rapidly deploys successful ideas and practices across these assets, becoming more efficient as innovative and sustainable technical improvements are implemented.

For additional information on Encana's strategy, its reporting segments and the plays in which the Company operates, refer to Items 1 and 2 of the 2017 Annual Report on Form 10-K. In evaluating its operations and assessing its leverage, the Company reviews performance-based measures such as Non-GAAP Cash Flow and Non-GAAP Cash Flow Margin and debt-based metrics such as Debt to Adjusted Capitalization and Net Debt to Adjusted EBITDA, which are non-GAAP measures and do not have any standardized meaning under U.S. GAAP. These measures may not be similar to measures presented by other issuers and should not be viewed as a substitute for measures reported under U.S. GAAP. Further information regarding these measures, including reconciliations to the closest GAAP measure, can be found in the Non-GAAP Measures section of this MD&A.

## **Highlights**

During the first six months of 2018, Encana focused on executing its 2018 capital plan, maintaining operational efficiencies achieved in 2017 and minimizing the effect of inflationary costs. Higher revenues in the first six months of 2018 compared to 2017 resulting from higher liquids production volumes and benchmark prices. Liquids production volumes increased by 27 percent compared to 2017. Higher oil and NGL benchmark prices contributed to increases in Encana's average realized oil and NGL prices of 36 percent and 31 percent, respectively. Encana is also focused on the diversification of the Company's downstream markets to capture higher realized prices. Encana remains committed to delivering a business model that allows the Company to adapt to fluctuating commodity prices.

#### **Significant Developments**

- Received approval from the TSX to purchase, for cancellation, up to 35 million common shares pursuant to a NCIB over a 12-month period from February 28, 2018 to February 27, 2019. As of June 30, 2018, the Company has purchased approximately 16.8 million common shares for total consideration of approximately \$200 million.
- Announced an agreement with Keyera Partnership, a subsidiary of Keyera Corp., on April 2, 2018 to sell the Company's Pipestone liquids hub in Alberta. In conjunction with the sale, Keyera will own and construct a natural gas processing facility and provide Encana with processing services under a competitive fee-for-service arrangement in support of the Company's liquids growth plans in Montney.

#### **Financial Results**

### Three months ended June 30, 2018

- Reported net loss of \$151 million, including a net loss on risk management in revenues of \$312 million, before tax, and net foreign exchange loss of \$25 million, before tax.
- Recovered current taxes of approximately \$64 million and interest of \$11 million primarily resulting from the resolution of certain tax items relating to prior taxation years.
- Generated cash from operating activities of \$475 million, Non-GAAP Cash Flow of \$586 million and Non-GAAP Cash Flow Margin of \$19.09 per BOE, including the tax items noted above.
- Paid dividends of \$0.015 per common share.

## Six months ended June 30, 2018

- Reported net earnings of nil, including a net loss on risk management in revenues of \$276 million, before tax, and net foreign exchange loss of \$116 million, before tax.
- Recovered current taxes of approximately \$61 million and interest of \$11 million primarily resulting from the resolution of certain tax items relating to prior taxation years.
- Generated cash from operating activities of \$856 million, Non-GAAP Cash Flow of \$986 million and Non-GAAP Cash Flow Margin of \$16.46 per BOE, including the tax items noted above.
- Paid dividends of \$0.03 per common share.
- Held cash and cash equivalents of \$336 million and had available credit facilities of \$4.0 billion for total liquidity of \$4.3 billion at June 30, 2018.

## **Capital Investment**

- Directed \$420 million, or 71 percent, of total capital spending in Permian and Montney in the second quarter of 2018 and \$813 million, or 74 percent, during the first six months of 2018.
- Focused on highly efficient capital activity and short-cycle high margin projects providing flexibility to respond to fluctuations in commodity prices.

## **Production**

## Three months ended June 30, 2018

- Produced average oil and NGL volumes of 155.3 Mbbls/d which accounted for 46 percent of total production volumes.
   Average oil and plant condensate production volumes of 118.3 Mbbls/d were 76 percent of total liquids production volumes.
- Produced average natural gas volumes of 1,095 MMcf/d which accounted for 54 percent of total production volumes.

## Six months ended June 30, 2018

- Produced average oil and NGL volumes of 150.3 Mbbls/d which accounted for 45 percent of total production volumes.
   Average oil and plant condensate production volumes of 115.7 Mbbls/d were 77 percent of total liquids production volumes.
- Produced average natural gas volumes of 1,085 MMcf/d which accounted for 55 percent of total production volumes.

### **Revenues and Operating Expenses**

- Focused on market diversification to other downstream markets to maximize realized commodity prices and revenues through a combination of derivative financial instruments and transportation contracts.
- Secured pipeline transportation capacity to the Dawn and Houston markets to protect against weakening AECO and Midland differentials to NYMEX and WTI, respectively; maintained access to local markets through existing transportation contracts.
- Preserved operational efficiencies achieved in previous years and minimized the effect of inflationary costs.
- Incurred higher transportation and processing expense in the second quarter and the first six months of 2018 of \$66 million, or 32 percent, and \$103 million, or 25 percent, respectively, compared to the same periods in 2017 primarily due to higher volumes in Montney and additional costs incurred in conjunction with the diversification of other downstream markets to capture higher realized prices.

# 2018 Outlook

### **Industry Outlook**

The oil and gas industry is cyclical and commodity prices are inherently volatile. Oil prices during 2018 are expected to reflect global supply and demand dynamics as well as the geopolitical environment. The original OPEC agreement implemented in 2017 to limit output and the drawdowns of oil storage inventory levels were generally supportive of oil prices in the first half of 2018. At a meeting in June 2018, OPEC and certain non-OPEC countries agreed to increase future oil production, which could negatively impact prices for the remainder of the year. Conversely, oil supply outages resulting from geopolitical instability in major producing countries could positively impact prices for the remainder of the year.

Natural gas prices in 2018 will be affected by the timing of supply and demand growth. Natural gas prices in western Canada have seen significant negative price pressure as supply reached multi-year highs, surpassing regional demand and stressing effective pipeline capacity. Stronger condensate prices may also lend support to activity levels resulting in continued downward pressure on natural gas prices in the second half of 2018. Potential for improvement in U.S. natural gas prices remains limited due to continued substantial production increases in Northeast U.S. and associated gas production in the Permian Basin.

# **Company Outlook**

Encana is positioned to be flexible in the current price environment in order to continue to achieve strong returns. The Company enters into derivative financial instruments which mitigate price volatility and help sustain revenues during periods of lower prices. A portion of the Company's production is sold at prevailing market prices which also allows Encana to participate in potential price increases. As at June 30, 2018, the Company has hedged approximately 128 Mbbls/d of expected oil and condensate production and 1,084 MMcf/d of expected natural gas production for the remainder of 2018. Additional information

on Encana's hedging program can be found in Note 19 to the Consolidated Financial Statements included in Part I, Item 1 of this Quarterly Report on Form 10-Q.

Markets for crude oil and natural gas are exposed to different price risks. While the market price for crude oil tends to move in the same direction as the global market, the Permian Basin is experiencing wider differentials due to temporary local export capacity constraints. Natural gas prices may vary between geographic regions depending on local supply and demand conditions. Encana proactively utilizes transportation contracts to diversify the Company's downstream markets and reduce significant exposure to any given market. Through a combination of derivative financial instruments and transportation capacity, Encana has mitigated the majority of its exposure to Midland and AECO pricing in 2018 and 2019. In addition, Encana continues to seek new markets to yield higher returns.

#### Capital Investment

Encana is on track to meet its full year capital investment guidance of \$1.8 billion to \$1.9 billion. During the first six months of 2018, the Company spent \$1.1 billion, of which \$488 million was directed to Permian where the Company has drilled 55 net wells and \$325 million was directed to Montney with 81 net wells drilled. Capital investment in Permian is expected to be optimized by Encana's cube development approach to maximize returns and recovery. Capital investment in Montney is expected to be allocated to both Cutbank Ridge and Pipestone with a focus on growing condensate volumes. The remainder of the capital investment was primarily directed to Eagle Ford and Duvernay and is expected to optimize production and margins.

Encana continually strives to improve well performance by lowering drilling and completion costs through innovative techniques. Encana's large-scale cube development model utilizes multi-well pads and advanced completion designs to access stacked pay resource to maximize returns and resource recovery from its reservoirs. The impact of Encana's disciplined capital program and continuous innovation create flexibility and opportunity to grow cash flows and production volumes going forward.

#### Production

As part of the Company's long-term growth strategy, Encana has significantly shifted its production mix to a more balanced portfolio in the recent years, thereby reducing the extent of exposure to market volatility of a particular commodity. During the first six months of 2018, average liquids production volumes were 150.3 Mbbls/d and average natural gas production volumes were 1,085 MMcf/d. The Company expects to deliver substantial liquids growth for the remainder of the year. The Company is on track to meet the full year 2018 guidance ranges for liquids production volumes of 165.0 Mbbls/d to 175.0 Mbbls/d and natural gas production volumes of 1,150 MMcf/d to 1,250 MMcf/d by year end as a result of the Company's growth plans for Montney. Encana's growth plans for Montney are supported by third party processing plants commissioned in 2017 and the second quarter of 2018, as well as the planned completion of the Pipestone liquids hub in the second half of 2018.

## Operating Expenses

Efficiency improvements and lower service costs are expected to be maintained through the support of the Company's culture of innovation and its focus on continuous improvement in operational execution. As activity in the industry accelerates, Encana expects to continue pursuing innovative ways to reduce upstream operating and administrative expenses. Operating costs in the first six months of 2018 are on track to meet the full year 2018 guidance ranges. Transportation and processing expense was \$7.58 per BOE, while upstream operating expense and administrative expense, excluding long-term incentive costs, were \$3.50 per BOE and \$1.43 per BOE, respectively.

Service costs are expected to increase with higher activity in the oil and gas industry and the recovery of liquids prices. Encana continues to offset any inflationary pressures with efficiency improvements and effective supply chain management, including favorable price negotiations.

Further information on Encana's 2018 Corporate Guidance can be accessed on the Company's website at www.encana.com.

# **Results of Operations**

## **Selected Financial Information**

	Three months ended June 30,					Six months ended June 30,				
(\$ millions)		2018		2017 (1)		2018		2017 (1)		
Product and Service Revenues										
Upstream product revenues	\$	984	\$	729	\$	1,941	\$	1,467		
Market optimization		291		204		592		390		
Service revenues		2		4		4		14		
Total Product and Service Revenues		1,277		937		2,537		1,871		
Gains (Losses) on Risk Management, Net Sublease Revenues		(312)		129 17		(276)		467 34		
Total Revenues		983		1,083		2,296		2,372		
Total Operating Expenses (2)		1,099		762		2,075		1,562		
Operating Income (Loss)		(116)		321		221		810		
Total Other (Income) Expenses		105		(6)		282		49		
Net Earnings (Loss) Before Income Tax		(221)		327		(61)		761		
Income Tax Expense (Recovery)		(70)		(4)		(61)		(1)		
Net Earnings (Loss)	\$	(151)	\$	331	\$	-	\$	762		

<sup>(1) 2017</sup> revenues have been realigned to conform with the January 1, 2018 adoption of ASU 2014-09 "Revenue from Contracts with Customers", as described in Note 2 to the Consolidated Financial Statements included in Part I, Item 1 of this Quarterly Report on Form 10-Q.

# Revenues

Encana's revenues are substantially derived from sales of oil, NGLs and natural gas production. Increases or decreases in Encana's revenue, profitability and future production are highly dependent on the commodity prices the Company receives. Prices are market driven and fluctuate due to factors beyond the Company's control, such as supply and demand, seasonality and geopolitical and economic factors. Canadian Operations realized prices are linked to Edmonton Condensate and AECO, as well as other downstream natural gas benchmarks, including Dawn. The USA Operations realized prices generally reflect WTI and NYMEX benchmark prices, as well as other downstream oil benchmarks. The other downstream benchmarks reflect the diversification of the Company's markets. Realized NGL prices are significantly influenced by oil benchmark prices and the NGL production mix. Recent trends in benchmark prices relevant to Encana are shown in the table below.

## **Benchmark Prices**

	Th	Three months ended June 30,						ıne 30,
(average for the period)		2018		2017		2018		2017
Oil & NGLs								
WTI (\$/bbl)	\$	67.88	\$	48.29	\$	65.37	\$	50.10
Edmonton Condensate (C\$/bbl)	\$	88.84	\$	64.59	\$	84.28	\$	66.87
Natural Gas								
NYMEX (\$/MMBtu)	\$	2.80	\$	3.18	\$	2.90	\$	3.25
AECO (C\$/Mcf)	\$	1.03	\$	2.77	\$	1.44	\$	2.86
Dawn (C\$/MMBtu)	\$	3.60	\$	4.17	\$	3.71	\$	4.20

<sup>(2)</sup> Total Operating Expenses include non-cash items such as DD&A, impairments, accretion of asset retirement obligations and long-term incentive costs.

# **Production Volumes and Realized Prices**

1 roduction volumes and Realized		hree months e	nded June 30	,	Six months ended June 30,				
	Production '	Volumes (1)	Realized	Prices (2)	Production V	/olumes (1)	Realized	l Prices (2)	
	2018	2017	2018	2017	2018	2017	2018	20	
Oil (Mbbls/d, \$/bbl)									
Canadian Operations	0.4	0.4	\$ 58.13	\$ 40.23	0.4	0.4	\$ 56.87	\$ 41	
USA Operations	84.2	77.0	66.57	46.14	83.4	72.0	64.97	47	
Total	84.6	77.4	66.52	46.11	83.8	72.4	64.93	47	
NGLs – Plant Condensate (Mbbls/d, \$/bbl)									
Canadian Operations	29.9	20.5	67.55	46.94	28.7	19.6	64.48	48	
USA Operations	3.8	2.3	57.20	41.07	3.2	2.1	55.05	41	
Total	33.7	22.8	66.38	46.34	31.9	21.7	63.51	47	
NGLs – Other (Mbbls/d, \$/bbl)									
Canadian Operations	12.5	4.7	26.27	19.10	11.5	4.9	27.99	20	
USA Operations	24.5	20.0	22.37	16.06	23.1	19.0	21.51	17	
Total	37.0	24.7	23.69	16.65	34.6	23.9	23.66	18	
Total NGLs (Mbbls/d, \$/bbl)									
Canadian Operations	42.4	25.2	55.35	41.73	40.2	24.5	54.03	43	
USA Operations	28.3	22.3	27.08	18.68	26.3	21.1	25.67	20	
Total	70.7	47.5	44.01	30.93	66.5	45.6	42.79	32	
Total Oil & NGLs (Mbbls/d, \$/bbl)									
Canadian Operations	42.8	25.6	55.38	41.71	40.6	24.9	54.06	43	
USA Operations	112.5	99.3	56.61	40.00	109.7	93.1	55.53	41	
Total	155.3	124.9	56.27	40.35	150.3	118.0	55.14	41	
Natural Gas (MMcf/d, \$/Mcf)									
Canadian Operations	949	785	1.84	2.33	942	835	2.16	2	
USA Operations	146	361	2.07	3.09	143	359	2.29	3	
Total	1,095	1,146	1.87	2.57	1,085	1,194	2.17	2	
Total Production (MBOE/d, \$/BOE)									
Canadian Operations	200.9	156.6	20.50	18.52	197.6	164.1	21.37	18	
USA Operations Total	137.0 337.9	159.4 316.0	48.72 31.93	31.92 25.29	133.6	152.8	48.08 32.14	32	
Total	337.9	310.0	31.93	23.29	331.2	316.9	32.14	25	
Production Mix (%)									
Oil & Plant Condensate	35	32			35	30			
NGLs – Other	11	8			10	7			
Total Oil & NGLs	46	40			45	37			
Natural Gas	54	60			55	63			
Core Assets Production									
Oil (Mbbls/d)	82.4	73.6			81.4	67.9			
NGLs - Plant Condensate (Mbbls/d)	33.6	22.4			31.8	21.1			
NGLs - Other (Mbbls/d)	35.8	22.8			33.5	22.0			
Total NGLs (Mbbls/d)	69.4	45.2			65.3	43.1			
Total Oil & NGLs (Mbbls/d)	151.8	118.8			146.7	111.0			
Natural Gas (MMcf/d)	1,027	768			1,013	786			
Total Production (MBOE/d)	322.9	246.5			315.3	242.0			
% of Total Encana Production	96	78			95	76			
70 OF TOTAL ELICADA PRODUCTION	90	/ 0			75	/0			

Average daily.
 Average per-unit prices, excluding the impact of risk management activities.

## **Upstream Product Revenues**

		T	hree 1	months	ende	ed June 3	0,		 Six months ended June 30,						
(\$ millions)			Oil NGLs (1) Natural Total					 Oil	Natura l NGLs (1) Gas (5)			atural Gas <sup>(2)</sup>			
2017 Upstream Product Revenues Increase (decrease) due to:	\$	325	\$	135	\$	268	\$	728	\$ 625	\$	269	\$	572	\$	1,466
Sales prices		158		72		(55)		175	262		103		(61)		304
Production volumes		28		76		(26)		78	 98		142		(83)		157
2018 Upstream Product Revenues	\$	511	\$	283	\$	187	\$	981	\$ 985	\$	514	\$	428	\$	1,927

<sup>(1)</sup> Includes plant condensate.

#### **Oil Revenues**

Three months ended June 30, 2018 versus June 30, 2017

Oil revenues increased \$186 million compared to the second quarter of 2017 primarily due to:

- Higher average realized oil prices of \$20.41 per bbl, or 44 percent, increased revenues by \$158 million. The increase reflected a higher WTI benchmark price which was up 41 percent and exposure to other downstream benchmark prices in 2018 resulting from the diversification of the Company's markets; and
- Higher average oil production volumes of 7.2 Mbbls/d increased revenues by \$28 million. Higher volumes were primarily due to successful drilling program in Permian (17.9 Mbbls/d), partially offset by natural declines in Eagle Ford (7.9 Mbbls/d) and asset sales (1.1 Mbbls/d), which mainly include the Piceance natural gas assets in the third quarter of 2017 and the Tuscaloosa Marine Shale assets in the second quarter of 2017.

Six months ended June 30, 2018 versus June 30, 2017

Oil revenues increased \$360 million compared to the first six months of 2017 primarily due to:

- Higher average realized oil prices of \$17.21 per bbl, or 36 percent, increased revenues by \$262 million. The increase
  reflected a higher WTI benchmark price which was up 30 percent and exposure to other downstream benchmark prices
  in 2018 resulting from the diversification of the Company's markets. The increase was also due to improved regional
  pricing; and
- Higher average oil production volumes of 11.4 Mbbls/d increased revenues by \$98 million. Higher volumes were primarily due to successful drilling program in Permian (18.6 Mbbls/d), partially offset by natural declines in Eagle Ford (4.2 Mbbls/d) and asset sales (1.7 Mbbls/d), which mainly include the Tuscaloosa Marine Shale assets in the second quarter of 2017 and the Piceance natural gas assets in the third quarter of 2017.

#### **NGL Revenues**

Three months ended June 30, 2018 versus June 30, 2017

NGL revenues increased \$148 million compared to the second quarter of 2017 primarily due to:

- Higher average realized NGL prices of \$13.08 per bbl, or 42 percent, increased revenues by \$72 million. The increase
  reflected higher WTI and Edmonton Condensate benchmark prices which were up 41 percent and 38 percent,
  respectively, as well as improved regional pricing; and
- Higher average NGL production volumes of 23.2 Mbbls/d increased revenues by \$76 million. Higher volumes were
  primarily due to successful drilling programs in Montney and Permian (31.6 Mbbls/d), partially offset by increased
  downtime resulting from scheduled plant maintenance for processing liquids rich volumes in Montney (3.6 Mbbls/d)
  and natural declines in Duvernay (2.6 Mbbls/d).

<sup>(2)</sup> Natural gas revenues for the second quarter and the first six months of 2018 exclude a royalty adjustment with no associated production volumes of \$3 million and \$14 million, respectively (2017 - \$1 million and \$1 million, respectively).

## Six months ended June 30, 2018 versus June 30, 2017

NGL revenues increased \$245 million compared to the first six months of 2017 primarily due to:

- Higher average realized NGL prices of \$10.25 per bbl, or 31 percent, increased revenues by \$103 million. The increase
  reflected higher WTI and Edmonton Condensate benchmark prices which were up 30 percent and 26 percent,
  respectively, as well as improved regional pricing; and
- Higher average NGL production volumes of 20.9 Mbbls/d increased revenues by \$142 million. Higher volumes were primarily due to successful drilling programs in Montney and Permian (26.5 Mbbls/d), partially offset by increased downtime resulting from scheduled plant maintenance for processing liquids rich volumes in Montney (1.7 Mbbls/d), natural declines in Duvernay (1.7 Mbbls/d) and asset sales (1.4 Mbbls/d), which mainly include the Piceance natural gas assets in the third quarter of 2017.

## **Natural Gas Revenues**

Three months ended June 30, 2018 versus June 30, 2017

Natural gas revenues decreased \$81 million compared to the second quarter of 2017 primarily due to:

- Lower average realized natural gas prices of \$0.70 per Mcf, or 27 percent, decreased revenues by \$55 million. The
  decrease reflected lower NYMEX and AECO benchmark prices which were down 12 percent and 63 percent,
  respectively, partially offset by exposure to other downstream benchmark prices in 2018 resulting from the
  diversification of the Company's markets; and
- Lower average natural gas production volumes of 51 MMcf/d decreased revenues by \$26 million. Lower volumes were primarily due to asset sales (294 MMcf/d), which mainly include the Piceance natural gas assets in the third quarter of 2017 and certain assets in Wheatland in the fourth quarter of 2017, lower activity in Other Upstream Operations (23 MMcf/d) and natural declines in Duvernay (10 MMcf/d), partially offset by successful drilling programs in Montney and Permian (258 MMcf/d), and decreased downtime resulting from scheduled plant maintenance in Montney (28 MMcf/d).

Six months ended June 30, 2018 versus June 30, 2017

Natural gas revenues decreased \$144 million compared to the first six months of 2017 primarily due to:

- Lower average realized natural gas prices of \$0.48 per Mcf, or 18 percent, decreased revenues by \$61 million. The
  decrease reflected lower NYMEX and AECO benchmark prices which were down 11 percent and 50 percent,
  respectively, partially offset by exposure to other downstream benchmark prices in 2018 resulting from the
  diversification of the Company's markets; and
- Lower average natural gas production volumes of 109 MMcf/d decreased revenues by \$83 million. Lower volumes were primarily due to asset sales (299 MMcf/d), which mainly include the Piceance natural gas assets in the third quarter of 2017 and certain assets in Wheatland in the fourth quarter of 2017, and lower activity in Other Upstream Operations (46 MMcf/d), partially offset by successful drilling programs in Montney and Permian (228 MMcf/d) and decreased downtime resulting from scheduled plant maintenance in Montney (14 MMcf/d).

#### Gains (Losses) on Risk Management, Net

As a means of managing commodity price volatility, Encana enters into commodity derivative financial instruments on a portion of its expected oil, NGL and natural gas production volumes. The Company's commodity price mitigation program reduces volatility and helps sustain revenues during periods of lower prices. Further information on the Company's commodity price positions as at June 30, 2018 can be found in Note 19 to the Consolidated Financial Statements included in Part I, Item 1 of this Quarterly Report on Form 10-Q.

The following tables provide the effects of Encana's risk management activities on revenues.

	Thre	ee months	ended J	fune 30,	Six months ended June 30,				
(\$ millions)		2018	2017		2018	2017			
Realized Gains (Losses) on Risk Management									
Commodity Price (1)									
Oil	\$	(65)	\$	16	\$	(121)	\$	16	
NGLs (2)		(37)		2		(58)		1	
Natural Gas		116		-		160		(25)	
Other (3)		-		1		1		3	
Total		14		19		(18)		(5)	
Unrealized Gains (Losses) on Risk Management		(326)		110		(258)		472	
Total Gains (Losses) on Risk Management, Net	\$	(312)	\$	129	\$	(276)	\$	467	

	Three months ended June 30,					Six months ended June 30,				
(Per-unit)		2018		2017		2018		2017		
Realized Gains (Losses) on Risk Management										
Commodity Price										
Oil (\$/bbl)	\$	(8.52)	\$	2.16	\$	(8.04)	\$	1.19		
NGLs (\$/bbl) <sup>(1)</sup>	\$	(5.63)	\$	0.73	\$	(4.76)	\$	0.19		
Natural Gas (\$/Mcf)	\$	1.16	\$	(0.01)	\$	0.81	\$	(0.12)		
Total (\$/BOE)	\$	0.44	\$	0.62	\$	(0.32)	\$	(0.14)		

<sup>(1)</sup> Includes realized gains and losses related to the Canadian and USA Operations.

Encana recognizes fair value changes from its risk management activities each reporting period. The changes in fair value result from new positions and settlements that occur during each period, as well as the relationship between contract prices and the associated forward curves. Realized gains or losses on risk management activities related to commodity price mitigation are included in the Canadian Operations, USA Operations and Market Optimization revenues as the contracts are cash settled. Unrealized gains or losses on fair value changes of unsettled contracts are included in the Corporate and Other segment.

## **Market Optimization Revenues**

Market Optimization revenues relate to activities that provide operational flexibility and cost mitigation for transportation commitments, product type, delivery points and customer diversification.

	Thre	e months	ended J	une 30,	Six months ended June 30,			
(\$ millions)		2018		2017		2018		2017
Market Optimization	\$	291	\$	204	\$	592	\$	390

## Three months ended June 30, 2018 versus June 30, 2017

Market Optimization revenues increased \$87 million compared to the second quarter of 2017 primarily due to:

Higher sales of third-party purchased volumes, primarily related to natural gas, used for optimization activities and long-term marketing arrangements associated with the Company's previous divestitures (\$175 million), partially offset by lower natural gas commodity prices (\$88 million).

## Six months ended June 30, 2018 versus June 30, 2017

Market Optimization revenues increased \$202 million compared to the first six months of 2017 primarily due to:

• Higher sales of third-party purchased volumes, primarily related to natural gas, used for optimization activities and long-term marketing arrangements associated with the Company's previous divestitures (\$343 million), partially offset by lower natural gas commodity prices (\$141 million).

<sup>(2)</sup> Includes plant condensate.

<sup>(3)</sup> Other primarily includes realized gains or losses from Market Optimization and other derivative contracts with no associated production volumes.

## **Sublease Revenues**

Sublease revenues primarily include amounts related to the sublease of office space in The Bow office building recorded in the Corporate and Other segment. Further information on The Bow office sublease can be found in Note 11 to the Consolidated Financial Statements included in Part I, Item 1 of this Quarterly Report on Form 10-Q.

## **Operating Expenses**

## **Production, Mineral and Other Taxes**

Production, mineral and other taxes include production and property taxes. Production taxes are generally assessed as a percentage of oil and natural gas production revenues. Property taxes are generally assessed based on the value of the underlying assets.

	Three month	ed June 30,	Six months ended June 30				
(\$ millions)	<b>2018</b> 2017				2018		2017
Canadian Operations USA Operations	\$ 4 31	\$	5 19	\$	8 56	\$	10 43
Total	\$ 35	\$	24	\$	64	\$	53

	Three months ended June 30,					Six months ended June 30,			
(\$/BOE)		2018		2017		2018		2017	
Canadian Operations	\$	0.21	\$	0.39	\$	0.22	\$	0.34	
USA Operations	\$	2.48	\$	1.29	\$	2.31	\$	1.55	
Total	\$	1.13	\$	0.85	\$	1.06	\$	0.93	

### Three months ended June 30, 2018 versus June 30, 2017

Production, mineral and other taxes increased \$11 million compared to the second quarter of 2017 primarily due to:

• Higher liquids prices and production volumes in Permian (\$8 million) and the recovery of certain production taxes in the USA Operations in 2017 (\$7 million);

## partially offset by:

• Asset sales (\$5 million), which mainly include the Piceance natural gas assets in the third quarter of 2017 and certain assets in Wheatland in the fourth quarter of 2017.

#### Six months ended June 30, 2018 versus June 30, 2017

Production, mineral and other taxes increased \$11 million compared to the first six months of 2017 primarily due to:

• Higher liquids prices and production volumes in Permian (\$15 million) and the recovery of certain production taxes in the USA Operations in 2017 (\$3 million).

## partially offset by:

• Asset sales (\$10 million), which mainly include the Piceance natural gas assets in the third quarter of 2017 and certain assets in Wheatland in the fourth quarter of 2017.

## **Transportation and Processing**

Transportation and processing expense includes transportation costs incurred to move product from production points to sales points including gathering, compression, pipeline tariffs, trucking and storage costs. Encana also incurs costs related to processing provided by third parties or through ownership interests in processing facilities to bring raw production to salesquality product.

	Three months ended June 30,						Six months ended June 30,				
(\$ millions)		2018		2017		2018		2017			
Canadian Operations	\$	207	\$	133	\$	397	\$	265			
USA Operations		31		51		58		110			
Upstream Transportation and Processing		238		184		455		375			
Market Optimization		34		22		66		43			
Corporate & Other		-				-					
Total	\$	272	\$	206	\$	521	\$	418			

	Three months ended June 30,				Six months ended June 30,				
(\$/BOE)		2018		2017		2018		2017	
Canadian Operations	\$	11.29	\$	9.30	\$	11.09	\$	8.91	
USA Operations	\$	2.51	\$	3.54	\$	2.39	\$	3.97	
Upstream Transportation and Processing	\$	7.73	\$	6.39	\$	7.58	\$	6.53	

## Three months ended June 30, 2018 versus June 30, 2017

Transportation and processing expense increased \$66 million compared to the second quarter of 2017 primarily due to:

Higher downstream processing and transportation costs due to higher volumes primarily in Montney and Permian and
costs relating to the diversification of the Company's downstream markets (\$46 million), higher volumes and gathering
and processing fees in Montney and Permian (\$42 million) and the higher U.S./Canadian dollar exchange rate (\$6
million);

## partially offset by:

Asset sales (\$30 million), which mainly include the Piceance natural gas assets in the third quarter of 2017.

# Six months ended June 30, 2018 versus June 30, 2017

Transportation and processing expense increased \$103 million compared to the first six months of 2017 primarily due to:

Higher downstream processing and transportation costs due to higher volumes primarily in Montney and Permian and
costs relating to the diversification of the Company's downstream markets (\$87 million), higher volumes and gathering
and processing fees in Montney and Permian (\$74 million) and the higher U.S./Canadian dollar exchange rate (\$12
million);

## partially offset by:

• Asset sales (\$61 million), which mainly include the Piceance natural gas assets in the third quarter of 2017.

## **Operating**

Operating expense includes costs paid by Encana, net of amounts capitalized, to operate oil and gas properties in which the Company has a working interest. These costs primarily include labour, service contract fees, chemicals and fuel.

	Three months	Six months ended June 30,				
(\$ millions)	2018	2017	2018	2017		
Canadian Operations	\$ 35	\$ 22	\$ 64	\$ 53		
USA Operations	84	84	158	171		
Upstream Operating Expense	119	106	222	224		
Market Optimization	13	3	17	12		
Corporate & Other	5	4	9	9		
Total	\$ 137	\$ 113	\$ 248	\$ 245		

	Three months ended June 30,			Si	ne 30,			
(\$/BOE)	<b>2018</b> 2			2017	2018			2017
Canadian Operations	\$	1.89	\$	1.52	\$	1.75	\$	1.73
USA Operations	\$	6.75	\$	5.60	\$	6.52	\$	5.99
Upstream Operating Expense (1)	\$	3.86	\$	3.58	\$	3.67	\$	3.78

<sup>(1)</sup> Upstream Operating Expense per BOE for the second quarter and first six months of 2018 includes long-term incentive costs of \$0.46/BOE and \$0.17/BOE, respectively (2017 - recovery of long-term incentive costs of \$0.18/BOE and \$0.01/BOE, respectively).

#### Three months ended June 30, 2018 versus June 30, 2017

Operating expense increased \$24 million compared to the second quarter of 2017 primarily due to:

• Long-term incentive costs resulting from the increase in Encana's share price in the second quarter of 2018 (\$30 million) and higher activity in Permian and Montney (\$11 million).

## partially offset by:

• Asset sales (\$15 million), which mainly include the Piceance natural gas assets in the third quarter of 2017 and certain assets in Wheatland in the fourth quarter of 2017.

## Six months ended June 30, 2018 versus June 30, 2017

Operating expense increased \$3 million compared to the first six months of 2017 primarily due to:

• Higher activity in Permian and Montney (\$23 million) and long-term incentive costs resulting from the increase in Encana's share price in the first six months of 2018 (\$16 million).

#### partially offset by:

• Asset sales (\$33 million), which mainly include the Piceance natural gas assets in the third quarter of 2017 and certain assets in Wheatland in the fourth quarter of 2017.

Further information on Encana's long-term incentives can be found in Note 16 to the Consolidated Financial Statements included in Part I, Item 1 of this Quarterly Report on Form 10-Q.

## **Purchased Product**

Purchased product expense includes purchases of oil, NGLs and natural gas from third parties that are used to provide operational flexibility and cost mitigation for transportation commitments, product type, delivery points and customer diversification.

	Three months	ended June 30,	Six months ended June 30,				
(\$ millions)	2018	2017	2018		2017		
Market Optimization	\$ 248	\$ 192	\$	521 \$	363		

## Three months ended June 30, 2018 versus June 30, 2017

Purchased product expense increased \$56 million compared to the second quarter of 2017 primarily due to:

• Higher third-party volumes purchased, primarily related to natural gas, for optimization activities and long-term marketing arrangements associated with the Company's previous divestitures (\$159 million), partially offset by lower natural gas commodity prices (\$103 million).

## Six months ended June 30, 2018 versus June 30, 2017

Purchased product expense increased \$158 million compared to the first six months of 2017 primarily due to:

• Higher third-party volumes purchased, primarily related to natural gas, for optimization activities and long-term marketing arrangements associated with the Company's previous divestitures (\$321 million), partially offset by lower natural gas commodity prices (\$163 million).

## **Depreciation, Depletion & Amortization**

Proved properties within each country cost centre are depleted using the unit-of-production method based on proved reserves as discussed in Note 1 to the Consolidated Financial Statements included in Item 8 of the 2017 Annual Report on Form 10-K. Depletion rates are impacted by impairments, acquisitions, divestitures and foreign exchange rates as well as fluctuations in 12-month average trailing prices which affect proved reserves volumes. Additional information can be found in the Critical Accounting Estimates section of the MD&A included in Item 7 of the 2017 Annual Report on Form 10-K. Corporate assets are carried at cost and depreciated on a straight-line basis over the estimated service lives of the assets.

	Three months	ended June 30,	Six months ended June 30,				
(\$ millions)	2018	2017		2018		2017	
Canadian Operations	\$ 85	\$ 53	\$	162	\$	117	
USA Operations	202	123		387		229	
Upstream DD&A	287	176		549		346	
Market Optimization	1	_		1		-	
Corporate & Other	12	17		25		34	
Total	\$ 300	\$ 193	\$	575	\$	380	

	Three months	 Six months ended June 30,				
<u>(</u> \$/BOE)	2018	2017	 2018		2017	
Canadian Operations	\$ 4.67	\$ 3.72	\$ 4.53	\$	3.92	
USA Operations	\$ 16.15	\$ 8.47	\$ 16.00	\$	8.29	
Upstream DD&A	\$ 9.33	\$ 6.12	\$ 9.16	\$	6.02	

## Three months ended June 30, 2018 versus June 30, 2017

DD&A increased \$107 million compared to the second quarter of 2017 primarily due to:

• Higher depletion rates primarily in the USA Operations (\$109 million) and higher volumes in the Canadian Operations (\$13 million);

partially offset by:

• Lower volumes in the USA Operations (\$14 million);

The depletion rates in the Canadian and USA Operations increased \$0.95 per BOE and \$7.68 per BOE, respectively, compared to the second quarter of 2017 primarily due to:

• Higher capital spending and changes in Encana's development plans as a result of the increased capital program for 2018 and lower reserve volumes from the sale of the Piceance natural gas assets in the third quarter of 2017.

Six months ended June 30, 2018 versus June 30, 2017

DD&A increased \$195 million compared to the first six months of 2017 primarily due to:

• Higher depletion rates primarily in the USA Operations (\$199 million) and higher volumes in the Canadian Operations (\$20 million);

partially offset by:

• Lower volumes in the USA Operations (\$22 million);

The depletion rates in the Canadian and USA Operations increased \$0.61 per BOE and \$7.71 per BOE, respectively, compared to the first six months of 2017 primarily due to:

• Higher capital spending and changes in Encana's development plans as a result of the increased capital program for 2018 and lower reserve volumes from the sale of the Piceance natural gas assets in the third quarter of 2017.

## **Administrative**

Administrative expense represents costs associated with corporate functions provided by Encana staff in the Calgary and Denver offices. Costs primarily include salaries and benefits, general office, information technology and long-term incentive costs.

	Th	Three months ended June 30,				Six months ended June 30,			
	2018			2017		2018		2017	
Administrative (\$ millions)	\$	99	\$	24	\$	130	\$	82	
Administrative (\$/BOE) (1)	\$	3.20	\$	0.82	\$	2.17	\$	1.43	

<sup>(1)</sup> Administrative expense per BOE for the second quarter and first six months of 2018 includes long-term incentive costs of \$1.84/BOE and \$0.74/BOE, respectively (2017 - recovery of long-term incentive costs of \$0.79/BOE and \$0.13/BOE, respectively).

## Three months ended June 30, 2018 versus June 30, 2017

Administrative expense in the second quarter of 2018 increased \$75 million compared to the second quarter of 2017 primarily due to long-term incentive costs resulting from the increase in Encana's share price in the second quarter of 2018 (\$78 million).

Six months ended June 30, 2018 versus June 30, 2017

Administrative expense in the first six months of 2018 increased \$48 million compared to the first six months of 2017 primarily due to long-term incentive costs resulting from the increase in Encana's share price in the first six months of 2018 (\$51 million).

## Other (Income) Expenses

	Three mont	hs en	ded June 30,	Six months ended June 30,				
(\$ millions)	201	8	2017		2018		2017	
Interest	\$ 8	1	\$ 79	\$	173	\$	167	
Foreign exchange (gain) loss, net	2	5	(58)		116		(84)	
(Gain) loss on divestitures, net	(	1)	=		(4)		1	
Other (gains) losses, net		-	(27)		(3)		(35)	
Total Other (Income) Expenses	\$ 10	5	\$ (6)	\$	282	\$	49	

#### **Interest**

Interest expense primarily includes interest on Encana's long-term debt arising from U.S. dollar denominated unsecured notes and balances drawn on the Company's credit facilities. Encana also incurs interest on the Company's long-term obligation for The Bow office building and capital leases. Further details on changes in interest can be found in Note 5 to the Consolidated Financial Statements included in Part I, Item 1 of this Quarterly Report on Form 10-Q.

## Foreign Exchange (Gain) Loss, Net

Foreign exchange gains and losses result from the impact of fluctuations in the Canadian to U.S. dollar exchange rate. Further details on changes in foreign exchange gains or losses can be found in Note 6 to the Consolidated Financial Statements included in Part I, Item 1 of this Quarterly Report on Form 10-Q. Additional information on foreign exchange rates and the effects of foreign exchange rate changes can be found in Item 3 of this Quarterly Report on Form 10-Q.

In the second quarter of 2018, Encana recorded a net foreign exchange loss of \$25 million compared to a net gain of \$58 million in 2017. The change was primarily due to unrealized foreign exchange losses on the translation of U.S. dollar financing debt issued from Canada compared to gains in 2017 (\$135 million) and on the translation of U.S. dollar risk management contracts issued from Canada compared to gains in 2017 (\$29 million), partially offset by unrealized foreign exchange gains on the translation of intercompany notes compared to losses in 2017 (\$72 million).

In the first six months of 2018, Encana recorded a net foreign exchange loss of \$116 million compared to a net gain of \$84 million in 2017. The change was primarily due to unrealized foreign exchange losses on the translation of U.S. dollar financing debt issued from Canada compared to gains in 2017 (\$290 million) and on the translation of U.S. dollar risk management contracts issued from Canada compared to gains in 2017 (\$42 million), partially offset by unrealized foreign exchange gains on the translation of intercompany notes compared to losses in 2017 (\$54 million) and realized foreign exchange gains on the settlement of intercompany notes compared to losses in 2017 (\$49 million).

#### Other (Gains) Losses, Net

Other (gains) losses, net primarily includes other non-recurring revenues or expenses and may also include items such as interest income on short-term investments, interest received from tax authorities, reclamation charges relating to decommissioned assets and earnings/losses from equity investments.

Other gains in the second quarter and first six months of 2017 primarily includes interest received of \$26 million and \$33 million, respectively, resulting from the successful resolution of certain tax items previously assessed by the tax authorities relating to prior taxation years.

### **Income Tax**

	Three months ended June 30,				Six months ended June 30,				
S millions)		2018		2017		2018		2017	
Current Income Tax Expense (Recovery)	\$	(64)	\$	(18)	\$	(61)	\$	(57)	
Deferred Income Tax Expense (Recovery)		(6)		14		-		56	
Income Tax Expense (Recovery)	\$	(70)	\$	(4)	\$	(61)	\$	(1)	
Effective Tax Rate		31.7%		(1.2%)		100.0%		(0.1%)	

## **Income Tax Expense (Recovery)**

#### Three months ended June 30, 2018 versus June 30, 2017

In the second quarter of 2018, Encana recorded a higher current income tax recovery compared to 2017. The higher income tax recovery was primarily due to the resolution of certain tax items relating to prior taxation years.

Deferred income tax in the second quarter was a recovery compared to an expense in 2017 primarily due to:

- Net loss before income tax in 2018 compared to net earnings before income tax in 2017; and
- A reduction in the U.S. federal corporate tax rate to 21 percent from 35 percent resulting from U.S. Tax Reform.

## Six months ended June 30, 2018 versus June 30, 2017

In the first six months of 2018, Encana recorded a lower deferred income tax expense compared to 2017 primarily due to a net loss before income tax in 2018 compared to net earnings before income tax in 2017 and U.S. Tax Reform, both as discussed above.

There has been no change in 2018 to the provisional tax adjustment recognized in December 2017 resulting from the re-measurement of the Company's tax position due to a reduction of the U.S federal corporate tax rate under U.S. Tax Reform. Additional information on U.S. Tax Reform can be found in Note 6 to the Consolidated Financial Statements included in Item 8 of the 2017 Annual Report on Form 10-K.

## **Effective Tax Rate**

Encana's interim income tax expense is determined using the estimated annual effective income tax rate applied to year-to-date net earnings before income tax plus the effect of legislative changes and amounts in respect of prior periods. The estimated annual effective income tax rate is impacted by expected annual earnings, income tax related to foreign operations, the effect of legislative changes including U.S. Tax Reform, non-taxable capital gains and losses, tax differences on divestitures and transactions, and partnership tax allocations in excess of funding. The Company's effective tax rate was 31.7 percent for the second quarter and 100 percent for the first six months of 2018, which are higher than the Canadian statutory rate of 27 percent primarily due to the impact of the foreign jurisdictional tax rates relative to the Canadian statutory tax rate applied to jurisdictional earnings as well as the current year items discussed above.

Tax interpretations, regulations and legislation, including U.S. Tax Reform and potential Treasury Department regulations and guidance, in the various jurisdictions in which the Company and its subsidiaries operate are subject to change and interpretation. As a result, there are tax matters under review for which the timing of resolution is uncertain. The Company believes that the provision for income taxes is adequate.

## **Liquidity and Capital Resources**

# **Sources of Liquidity**

The Company has the flexibility to access cash equivalents and a range of funding alternatives at competitive rates through committed revolving bank credit facilities as well as debt and equity capital markets. Encana closely monitors the accessibility of cost-effective credit and ensures that sufficient liquidity is in place to fund capital expenditures and dividend payments. In addition, the Company may use cash and cash equivalents, cash from operating activities, or proceeds from asset divestitures and share issuances to fund its operations or to manage its capital structure as discussed below. At June 30, 2018, \$154 million in cash and cash equivalents was held by U.S. subsidiaries. The cash held by U.S. subsidiaries is accessible and may be subject to additional Canadian income taxes and U.S. withholding taxes if repatriated.

The Company's capital structure consists of total shareholders' equity plus long-term debt, including the current portion. The Company's objectives when managing its capital structure are to maintain financial flexibility to preserve Encana's access to capital markets and its ability to meet financial obligations and finance internally generated growth, as well as potential acquisitions. Encana has a practice of maintaining capital discipline and strategically managing its capital structure by adjusting capital spending, adjusting dividends paid to shareholders, issuing new shares, purchasing shares for cancellation through a NCIB, issuing new debt or repaying existing debt.

		As at June 30,						
(\$ millions, except as indicated)		2018						
Cash and Cash Equivalents  Available Credit Facility – Encana (1)  Available Credit Facility – U.S. Subsidiary (1)	\$	336 2,500 1,500	\$	395 3,000 1,500				
Total Liquidity	\$	4,336	\$	4,895				
Long-Term Debt, including current portion  Total Shareholders' Equity	\$ \$	4,198 6,497	\$ \$	4,198 6,783				
Debt to Capitalization (%) (2) Debt to Adjusted Capitalization (%) (3)		39 23		38 22				

- (1) Collectively, the "Credit Facilities".
- (2) Calculated as long-term debt, including the current portion, divided by shareholders' equity plus long-term debt, including the current portion.
- (3) A non-GAAP measure which is defined in the Non-GAAP Measures section of this MD&A.

In the first quarter of 2018, the Company amended the capacity of its Encana Credit Facility from \$3.0 billion to \$2.5 billion and extended the maturity for both Credit Facilities to July 2022.

Encana is currently in compliance with, and expects that it will continue to be in compliance with, all financial covenants under the Credit Facilities. Management monitors Debt to Adjusted Capitalization, which is a non-GAAP measure defined in the Non-GAAP Measures section of this MD&A, as a proxy for Encana's financial covenant under the Credit Facilities, which requires debt to adjusted capitalization to be less than 60 percent. The definitions used in the covenant under the Credit Facilities adjust capitalization for cumulative historical ceiling test impairments that were recorded as at December 31, 2011 in conjunction with the Company's January 1, 2012 adoption of U.S. GAAP. Additional information on financial covenants can be found in Note 12 to the Consolidated Financial Statements included in Item 8 of the 2017 Annual Report on Form 10-K.

#### **Sources and Uses of Cash**

In the second quarter and first six months of 2018, Encana primarily generated cash through operating activities. The following table summarizes the sources and uses of the Company's cash and cash equivalents.

		Three months	ended June 30,	Six months e	nded June 30,
(\$ millions)	Activity Type	2018	2017	2018	2017
Sources of Cash and Cash Equivalents					
Cash from operating activities	Operating	\$ 475	\$ 218	\$ 856	\$ 324
Proceeds from divestitures	Investing	46	82	65	85
Other	Investing	105	24	80	79
		626	324	1,001	488
Uses of Cash and Cash Equivalents					
Capital expenditures	Investing	595	415	1,103	814
Acquisitions	Investing	-	2	2	48
Purchase of common shares	Financing	89	<u>-</u>	200	-
Dividends on common shares	Financing	14	14	29	29
Other	Financing	23	24	45	40
		721	455	1,379	931
Foreign Exchange Gain (Loss) on Cash and					
Cash Equivalents Held in Foreign Currency		(2)	3	(5)	4
Increase (Decrease) in Cash and Cash Equivalents		\$ (97)	\$ (128)	\$ (383)	\$ (439)

## **Operating Activities**

Cash from operating activities in the second quarter and first six months of 2018 was \$475 million and \$856 million, respectively, and was primarily a reflection of recovering commodity prices, changes in production volumes, the Company's efforts in maintaining cost efficiencies achieved in previous years and changes in non-cash working capital. Additional detail on changes in non-cash working capital can be found in Note 20 to the Consolidated Financial Statements included in Part I, Item 1 of this Quarterly Report on Form 10-Q. Encana expects it will continue to meet the payment terms of its suppliers.

Non-GAAP Cash Flow in the second quarter and first six months of 2018 was \$586 million and \$986 million, respectively. Non-GAAP Cash Flow was primarily impacted by the items affecting cash from operating activities which are discussed below and in the Results of Operations section of this MD&A.

## Three months ended June 30, 2018 versus June 30, 2017

Net cash from operating activities increased \$257 million compared to the second quarter of 2017 primarily due to:

Higher realized commodity prices (\$175 million), higher production volumes (\$78 million), higher current tax recovery (\$46 million) and changes in non-cash working capital (\$23 million);

## partially offset by:

• Higher transportation and processing expense (\$66 million) and lower interest income recorded in other gains (\$25 million).

## Six months ended June 30, 2018 versus June 30, 2017

Net cash from operating activities increased \$532 million compared to the first six months of 2017 primarily due to:

 Higher realized commodity prices (\$304 million), changes in non-cash working capital (\$175 million) and higher production volumes (\$157 million);

### partially offset by:

• Higher transportation and processing expense (\$103 million) and lower interest income recorded in other gains (\$31 million).

## **Investing Activities**

Cash used in investing activities in the first six months of 2018 was \$960 million primarily due to capital expenditures. Capital expenditures in the first six months of 2018 increased \$289 million compared to 2017 due to an increase in the Company's capital program for 2018. This increase was primarily in Montney (\$202 million) and Permian (\$63 million). Capital expenditures exceeded cash from operating activities by \$247 million and the difference was funded using cash on hand and proceeds from divestitures.

Divestitures in the first six months of 2018 were \$65 million, which primarily included the sale of the Pipestone midstream assets in Alberta. Divestitures in the first six months of 2017 were \$85 million, which primarily included the sale of the Tuscaloosa Marine Shale assets in Mississippi and Louisiana, as well as the sale of certain properties that did not complement Encana's existing portfolio of assets.

Acquisitions in the first six months of 2018 and 2017 were \$2 million and \$48 million, respectively, which primarily included land purchases with oil and liquids rich potential.

Capital expenditures and acquisition and divestiture activity are summarized in Notes 3 and 8 to the Consolidated Financial Statements included in Part I, Item 1 of this Quarterly Report on Form 10-Q.

### **Financing Activities**

Net cash used in financing activities in the first six months of 2018 increased \$205 million compared to the first six months of 2017. The change was primarily due to the purchase of common shares under a NCIB in the first six months of 2018 (\$200 million) as discussed below.

Encana's long-term debt, excluding the current portion, totaled \$3,698 million at June 30, 2018 and \$4,197 million at December 31, 2017. The current portion of long-term debt outstanding was \$500 million at June 30, 2018. There was no current portion of long-term debt outstanding at December 31, 2017. Encana has no long-term debt maturities until May 2019 and, as at June 30, 2018, over 73 percent of the Company's debt is not due until 2030 and beyond.

The Company continues to have full access to the Credit Facilities, which remain committed through July 2022. The Credit Facilities provide financial flexibility and allow the Company to fund its operations, development activities or capital program. At June 30, 2018, Encana had no outstanding balance under the Credit Facilities and \$147 million in undrawn letters of credit issued in the normal course of business primarily as collateral security, to support future abandonment liabilities and for transportation arrangements.

## Dividends

Encana pays quarterly dividends to shareholders at the discretion of the Board of Directors.

	Three months ended June 30,					Six months ended June 30,			
(\$ millions, except as indicated)		2018		2017		2018		2017	
Dividend Payments	\$	14	\$	14	\$	29	\$	29	
Dividend Payments (\$/share)	\$	0.015	\$	0.015	\$	0.03	\$	0.03	

On July 31, 2018, the Board of Directors declared a dividend of \$0.015 per common share payable on September 28, 2018 to common shareholders of record as of September 14, 2018.

## Normal Course Issuer Bid

On February 26, 2018, Encana received approval from the TSX to commence a NCIB that enables the Company to purchase, for cancellation, up to 35 million common shares over a 12-month period from February 28, 2018 to February 27, 2019. The number of shares authorized for purchase represents approximately 3.6 percent of Encana's issued and outstanding common shares as at February 20, 2018. The Company has authorization from its Board to spend up to \$400 million on the NCIB. For the second quarter and first six months of 2018, the Company used cash on hand to purchase approximately 6.8 million and 16.8 million common shares, respectively, for total consideration of approximately \$89 million and \$200 million, respectively.

For additional information on NCIB, refer to Note 13 to the Consolidated Financial Statements included in Part I, Item 1 of this Quarterly Report on Form 10-Q.

## **Off-Balance Sheet Arrangements**

For information on off-balance sheet arrangements and transactions, refer to the Off-Balance Sheet Arrangements section of the MD&A included in Item 7 of the 2017 Annual Report on Form 10-K.

## **Commitments and Contingencies**

For information on commitments and contingencies, refer to Note 21 to the Consolidated Financial Statements included in Part I, Item 1 of this Quarterly Report on Form 10-Q.

## **Non-GAAP Measures**

Certain measures in this document do not have any standardized meaning as prescribed by U.S. GAAP and, therefore, are considered non-GAAP measures. These measures may not be comparable to similar measures presented by other issuers and should not be viewed as a substitute for measures reported under U.S. GAAP. These measures are commonly used in the oil and gas industry and by Encana to provide shareholders and potential investors with additional information regarding the Company's liquidity and its ability to generate funds to finance its operations. Non-GAAP measures include: Non-GAAP Cash Flow, Non-GAAP Cash Flow Margin, Debt to Adjusted Capitalization and Net Debt to Adjusted EBITDA. Management's use of these measures is discussed further below.

## Non-GAAP Cash Flow and Non-GAAP Cash Flow Margin

Non-GAAP Cash Flow is a non-GAAP measure defined as cash from (used in) operating activities excluding net change in other assets and liabilities, net change in non-cash working capital and current tax on sale of assets.

Non-GAAP Cash Flow Margin is a non-GAAP measure defined as Non-GAAP Cash Flow per BOE of production.

Management believes these measures are useful to the Company and its investors as a measure of operating and financial performance across periods and against other companies in the industry, and are an indication of the Company's ability to generate cash to finance capital programs, to service debt and to meet other financial obligations. These measures are used, along with other measures, in the calculation of certain performance targets for the Company's management and employees.

Three months ended June 30,						Six months ended June 30,				
(\$ millions, except as indicated)		2018			2018			2017		
Cash From (Used in) Operating Activities (Add back) deduct:	\$	475	\$	218	\$	856	\$	324		
Net change in other assets and liabilities Net change in non-cash working capital		(5) (106)		(4) (129)		(16) (114)		(16) (289)		
Current tax on sale of assets		-		-		-				
Non-GAAP Cash Flow	\$	586	\$	351	\$	986	\$	629		
Production Volumes (MMBOE)		30.7		28.8		59.9		57.4		
Non-GAAP Cash Flow Margin (\$/BOE) (1)	\$	19.09	\$	12.19	\$	16.46	\$	10.96		

<sup>(1)</sup> Non-GAAP Cash Flow Margin was previously presented as Corporate Margin.

## **Debt to Adjusted Capitalization**

Debt to Adjusted Capitalization is a non-GAAP measure which adjusts capitalization for historical ceiling test impairments that were recorded as at December 31, 2011. Management monitors Debt to Adjusted Capitalization as a proxy for Encana's financial covenant under the Credit Facilities which require debt to adjusted capitalization to be less than 60 percent. Adjusted Capitalization includes debt, total shareholders' equity and an equity adjustment for cumulative historical ceiling test impairments recorded as at December 31, 2011 in conjunction with the Company's January 1, 2012 adoption of U.S. GAAP.

(\$ millions, except as indicated)	June 30, 2018	December 31, 2017		
Long-Term Debt, including current portion	\$ 4,198	\$	4,197	
Total Shareholders' Equity	6,497		6,728	
Equity Adjustment for Impairments at December 31, 2011	7,746		7,746	
Adjusted Capitalization	\$ 18,441	\$	18,671	
Debt to Adjusted Capitalization	23%		22%	

# **Net Debt to Adjusted EBITDA**

Net Debt to Adjusted EBITDA is a non-GAAP measure whereby Net Debt is defined as long-term debt, including the current portion, less cash and cash equivalents and Adjusted EBITDA is defined as trailing 12-month net earnings (loss) before income taxes, DD&A, impairments, accretion of asset retirement obligation, interest, unrealized gains/losses on risk management, foreign exchange gains/losses, gains/losses on divestitures and other gains/losses.

Management believes this measure is useful to the Company and its investors as a measure of financial leverage, the Company's ability to service its debt and other financial obligations, and as a measure considered comparable to other companies in the industry. This measure is used, along with other measures, in the calculation of certain financial performance targets for the Company's management and employees.

(\$ millions, except as indicated)	June 30, 2018	Dece	mber 31, 2017
Long-Term Debt, including current portion	\$ 4,198	\$	4,197
Less:			
Cash and cash equivalents	336		719
Net Debt	3,862		3,478
Net Earnings (Loss)	65		827
Add back (deduct):			
Depreciation, depletion and amortization	1,028		833
Impairments	-		_
Accretion of asset retirement obligation	32		37
Interest	369		363
Unrealized (gains) losses on risk management	288		(442)
Foreign exchange (gain) loss, net	(79)		(279)
(Gain) loss on divestitures, net	(409)		(404)
Other (gains) losses, net	(10)		(42)
Income tax expense (recovery)	543		603
Adjusted EBITDA	\$ 1,827	\$	1,496
Net Debt to Adjusted EBITDA (times)	2.1		2.3

## Item 3: Quantitative and Qualitative Disclosures About Market Risk

The primary objective of the following information is to provide forward-looking quantitative and qualitative information about Encana's potential exposure to market risks. The term "market risk" refers to the Company's risk of loss arising from adverse changes in oil, NGL and natural gas prices, foreign currency exchange rates and interest rates. The following disclosures are not meant to be precise indicators of expected future losses but rather indicators of reasonably possible losses. The forward-looking information provides indicators of how the Company views and manages ongoing market risk exposures. The Company's policy is to not use derivative financial instruments for speculative purposes.

## **COMMODITY PRICE RISK**

Commodity price risk arises from the effect fluctuations in future commodity prices, including oil, NGLs and natural gas, may have on future revenues, expenses and cash flows. Realized pricing is primarily driven by the prevailing worldwide price for crude oil and spot market prices applicable to the Company's natural gas production. Pricing for oil and natural gas production has been volatile and unpredictable as discussed in Item 1A. "Risk Factors" of the 2017 Annual Report on Form 10-K. To partially mitigate exposure to commodity price risk, the Company may enter into various derivative financial instruments including futures, forwards, swaps, options and costless collars. The use of these derivative instruments is governed under formal policies and is subject to limits established by the Board of Directors and may vary from time to time. Both exchange traded and over-the-counter traded derivative instruments may be subject to margin-deposit requirements, and the Company may be required from time to time to deposit cash or provide letters of credit with exchange brokers or counterparties to satisfy these margin requirements. For additional information relating to the Company's derivative and financial instruments, see Note 19 under Part I, Item 1 of this Quarterly Report on Form 10-Q.

The table below summarizes the sensitivity of the fair value of the Company's risk management positions to fluctuations in commodity prices, with all other variables held constant. The Company has used a 10 percent variability to assess the potential impact of commodity price changes. Fluctuations in commodity prices could have resulted in unrealized gains (losses) impacting pre-tax net earnings as follows:

	 June 30, 2018			
	10% Price		10% Price	
(US\$ millions)	Increase		Decrease	
Crude oil price	\$ (335)	\$	318	
NGL price	(12)		12	
Natural gas price	(59)		52	

#### FOREIGN EXCHANGE RISK

Foreign exchange risk arises from changes in foreign exchange rates that may affect the fair value or future cash flows of the Company's financial assets or liabilities. As Encana operates in Canada and the United States, fluctuations in the exchange rate between the U.S. and Canadian dollars can have a significant effect on the Company's reported results. Although Encana's financial results are consolidated in Canadian dollars, the Company reports its results in U.S. dollars as most of its revenues are closely tied to the U.S. dollar and to facilitate a more direct comparison to other North American oil and gas companies.

The table below summarizes selected foreign exchange impacts on Encana's financial results when compared to the same periods in 2017.

	Three Months Ended June 30,			Six Months Ended June 30,				
		\$ millions		\$/BOE		\$ millions		\$/BOE
Increase (Decrease) in:								
Capital Investment	\$	4			\$	8		
Transportation and Processing Expense (1)		6	\$	0.18		12	\$	0.19
Operating Expense (1)		1		0.04		2		0.04
Administrative Expense		1		0.03		3		0.05
Depreciation, Depletion and Amortization (1)		2		0.07		5		0.09

<sup>(1)</sup> Reflects upstream operations.

Foreign exchange gains and losses also arise when monetary assets and monetary liabilities denominated in foreign currencies are translated and settled, and primarily include:

- U.S. dollar denominated financing debt issued from Canada
- U.S. dollar denominated risk management assets and liabilities held in Canada
- U.S. dollar denominated cash and short-term investments held in Canada
- Foreign denominated intercompany loans

To partially mitigate the effect of foreign exchange fluctuations on future commodity revenues and expenses, the Company may enter into foreign currency derivative contracts. As at June 30, 2018, Encana has entered into \$358 million notional U.S. dollar denominated currency swaps at an average exchange rate of US\$0.7606 to C\$1, which mature monthly through the remainder of 2018 and \$250 million notional U.S. dollar denominated currency swaps at an average exchange rate of US\$0.7581 to C\$1, which mature monthly throughout 2019.

As at June 30, 2018, Encana had \$4.2 billion in U.S. dollar long-term debt and \$278 million in U.S. dollar capital leases issued from Canada that were subject to foreign exchange exposure.

The table below summarizes the sensitivity to foreign exchange rate fluctuations, with all other variables held constant. The Company has used a 10 percent variability to assess the potential impact from Canadian to U.S. foreign currency exchange rate changes. Fluctuations in foreign currency exchange rates could have resulted in unrealized gains (losses) impacting pre-tax net earnings as follows:

	 June 30, 2018			
	10% Rate		10% Rate	
(US\$ millions)	Increase		Decrease	
Foreign currency exchange	\$ (102)	\$	124	

### INTEREST RATE RISK

Interest rate risk arises from changes in market interest rates that may affect the fair value or future cash flows from the Company's financial assets or liabilities. The Company may partially mitigate its exposure to interest rate changes by holding a mix of both fixed and floating rate debt and may also enter into interest rate derivatives to partially mitigate effects of fluctuations in market interest rates.

As at June 30, 2018, the Company had no floating rate debt and there were no interest rate derivatives outstanding.

#### **Item 4: Controls and Procedures**

#### **DISCLOSURE CONTROLS AND PROCEDURES**

Encana's Chief Executive Officer and Chief Financial Officer performed an evaluation of the Company's disclosure controls and procedures as defined in Rules 13a-15(e) and 15d-15(e) of the Securities Exchange Act of 1934, as amended ("Exchange Act"). The Company's disclosure controls and procedures are designed to ensure that information required to be disclosed by the Company in reports it files or submits under the Exchange Act is recorded, processed, summarized, and reported within the time periods specified in the rules and forms of the SEC, and to ensure that the information required to be disclosed by the Company in reports that it files or submits under the Exchange Act, is accumulated and communicated to the Company's management, including the principal executive officer and principal financial officer, as appropriate, to allow timely decisions regarding required disclosure. Based on this evaluation, the Chief Executive Officer and Chief Financial Officer have concluded that the Company's disclosure controls and procedures were effective as of June 30, 2018.

## CHANGES IN INTERNAL CONTROL OVER FINANCIAL REPORTING

There were no changes in Encana's internal control over financial reporting during the second quarter of 2018 that materially affected, or are reasonably likely to materially affect, the Company's internal control over financial reporting.