

# PEYTO

**Exploration & Development Corp.**

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*Interim Report  
for the three and nine months ended September 30, 2018*

## HIGHLIGHTS

	Three Months Ended Sep 30			Nine Months Ended Sep 30		
	2018	2017	% Change	2018	2017	% Change
<b>Operations</b>						
Production						
Natural gas (mcf/d)	456,197	557,958	-18%	505,760	547,456	-8%
Oil & NGLs (bbl/d)	9,209	8,958	3%	9,496	8,952	6%
Thousand cubic feet equivalent (mcf/d @ 1:6)	511,453	611,703	-16%	562,733	601,168	-6%
Barrels of oil equivalent (boe/d @ 6:1)	85,242	101,951	-16%	93,789	100,195	-6%
Production per million common shares (boe/d)*	517	618	-16%	569	608	-6%
Product prices						
Natural gas (\$/mcf)	2.43	2.81	-14%	2.57	2.90	-11%
Oil & NGLs (\$/bbl)	61.04	45.92	33%	61.41	47.45	29%
Operating expenses (\$/mcf)	0.31	0.26	19%	0.30	0.27	11%
Transportation (\$/mcf)	0.19	0.17	12%	0.17	0.17	-
Field netback (\$/mcf)	2.63	2.72	-3%	2.74	2.76	-1%
General & administrative expenses (\$/mcf)	0.03	0.03	-	0.05	0.04	25%
Interest expense (\$/mcf)	0.27	0.21	29%	0.25	0.21	19%
<b>Financial (\$000, except per share*)</b>						
Revenue	153,589	182,226	-16%	513,797	549,158	-6%
Royalties	6,399	5,165	24%	20,822	24,872	-16%
Funds from operations	109,549	139,257	-21%	374,105	412,049	-9%
Funds from operations per share	0.66	0.85	-21%	2.27	2.50	-9%
Total dividends	29,677	54,408	-45%	89,032	163,204	-45%
Total dividends per share	0.18	0.33	-45%	0.54	0.99	-45%
Payout ratio (%)	27	39	-31%	24	40	-40%
Earnings	29,506	44,818	-34%	107,652	125,029	-14%
Earnings per diluted share	0.18	0.27	-33%	0.65	0.76	-14%
Capital expenditures	69,716	135,187	-48%	120,148	386,800	-69%
Weighted average common shares outstanding	164,874,175	164,874,175	-	164,874,175	164,849,932	-
<b>As at September 30</b>						
End of period shares outstanding (includes shares to be issued)				164,874,175	164,874,175	-
Net debt				1,167,672	1,286,268	-9%
Shareholders' equity				1,647,059	1,668,761	-1%
Total assets				3,584,530	3,691,803	-3%

\*all per share amounts using weighted average common shares outstanding

	Three Months Ended Sep 30		Nine Months Ended Sep 30	
	2018	2017	2018	2017
(\$000 except per share)				
Cash flows from operating activities	123,019	142,659	383,920	391,776
Change in non-cash working capital	(14,658)	(4,411)	(13,176)	13,938
Change in provision for performance based compensation	1,188	1,009	3,361	6,335
Funds from operations	109,549	139,257	374,105	412,049
Funds from operations per share	0.66	0.85	2.27	2.50

(1) Funds from operations ("FFO") - Management uses FFO to analyze the operating performance of its energy assets. In order to facilitate comparative analysis, FFO is defined throughout this report as earnings before performance based compensation, non-cash and non-recurring expenses. Management believes that FFO is an important parameter to measure the value of an asset when combined with reserve life. FFO is not a measure recognized by Canadian generally accepted accounting principles ("GAAP") and does not have a standardized meaning prescribed by GAAP. Therefore, FFO, as defined by Peyto, may not be comparable to similar measures presented by other issuers, and investors are cautioned that FFO should not be construed as an alternative to net earnings, cash flow from operating activities or other measures of financial performance calculated in accordance with GAAP. FFO cannot be assured and future dividends may vary.

## Report from the president

Peyto Exploration & Development Corp. (“Peyto” or the “Company”) is pleased to mark 20 years in the Canadian energy industry with its operating and financial results for the third quarter of the 2018 fiscal year. By strategically delaying capital investments and production additions until the fall, Peyto avoided exposing certain unhedged dry gas production to uneconomic summer prices. As a result, the Company was able to deliver in the quarter a 9% return on equity (ROE), on a trailing twelve month basis, and an 8% return on capital employed (ROCE) while achieving a 71% operating margin<sup>(1)</sup> and a 19% profit margin<sup>(2)</sup>. Additional highlights included:

- **Production per share down 16%.** Voluntary production curtailments and delayed capital investments resulted in third quarter 2018 production of 511 MMcfe/d (85,242 boe/d), down 16% from Q3 2017. As well, completion and pipeline connections were further hampered in September due to wet ground conditions.
- **Funds from operations of \$0.66/share.** Generated \$110 million in FFO in Q3 2018 down 21% from \$139 million in Q3 2017 (down 21%/share) due primarily to lower production levels. Year to date in 2018, funds from operations of \$374 million have exceeded the combination of capital expenditures (\$120 million) and dividend payments (\$89 million) by \$165 million resulting in reduced debt levels.
- **Total cash costs of \$0.94/Mcfe (or \$0.80/Mcfe (\$4.80/boe) excluding royalties).** Industry leading total cash costs, including \$0.14/Mcfe royalties, \$0.31/Mcfe operating costs, \$0.19/Mcfe transportation, \$0.03/Mcfe G&A and \$0.27/Mcfe interest, combined with a realized price of \$3.27/Mcfe, resulting in a \$2.33/Mcfe (\$13.97/boe) cash netback, down 6% from \$2.48/Mcfe in Q3 2017. Peyto’s realized Q3 2018 natural gas price was 187% of the Alberta (AECO) daily average price.
- **Capital investment of \$70 million.** A total of 25 gross wells (23.4 net) were drilled in the third quarter, 15 gross wells (13.5 net) were completed, and 17 gross wells (15.5 net) were brought on production. Over the last 12 months the 73 gross (71 net) wells brought on production accounted for 18,000 boe/d at the end of the quarter, which when combined with a trailing twelve month capital investment of \$254 million, equates to an annualized capital efficiency of \$14,000/boe/d. As this efficiency was dominated by the 42 wells added in Q4 2017, Peyto anticipates the 2018 annual capital efficiency will be below \$10,000/boe/d.
- **Earnings of \$0.18/share, dividends of \$0.18/share.** Earnings of \$30 million were generated in the quarter while dividends of \$30 million were paid to shareholders. Earnings per share were down 33% from Q3 2017, due to lower production and lower cash netbacks, while dividends per share were down 45%. The Company has never incurred a write down nor recorded an impairment of its assets and this quarter represents Peyto’s 55<sup>th</sup> consecutive quarter of earnings.

### Third Quarter 2018 in Review

Peyto began the majority of its 2018 capital program in Q3 with three drilling rigs in the Greater Sundance core area ramping up to seven by the end of the quarter. The majority of the capital investment was focused on the more liquids-rich Cardium play with a specific goal to evaluate whether increased completion intensity could improve returns. Extremely wet ground conditions in the later part of the quarter delayed completion and pipeline activity during the quarter. These wells and their associated production will be completed and pipeline connected in the fourth quarter coincident with higher natural gas prices. AECO daily natural gas prices during Q3 2018 continued to be extremely volatile ranging from a high of \$2.41/GJ to a low of negative \$1.31/GJ. Peyto’s lean gas production was at times curtailed to ensure any unhedged dry gas volumes were preserved for more profitable winter prices. As the new, more liquids-rich Cardium production was brought online, Company liquid yields continued to climb, ending the quarter at 11% of production or 22 bbl/mmcf, up 25% since the beginning of 2018. Subsequent to the end of the quarter, Peyto commenced drilling of its first Montney exploration well which will help evaluate the 50 net sections of lands purchased during the third quarter. Financial performance in the quarter remained strong resulting in reduced debt levels and an improved balance sheet. The Company continued to advance its market diversification strategy, adding synthetic and physical transportation arrangements, which will result in approximately 30% of 2019 gas volumes being exposed to US based pricing.

1. Operating Margin is defined as funds from operations divided by revenue before royalties but including realized hedging gains/losses.

2. Profit Margin is defined as net earnings for the quarter divided by revenue before royalties but including realized hedging gains/losses.

Natural gas volumes recorded in thousand cubic feet (mcf) are converted to barrels of oil equivalent (boe) using the ratio of six (6) thousand cubic feet to one (1) barrel of oil (bbl). Natural gas liquids and oil volumes in barrel of oil (bbl) are converted to thousand cubic feet equivalent (Mcfe) using a ratio of one (1) barrel of oil to six (6) thousand cubic feet. This could be misleading, particularly if used in isolation as it is based on an energy equivalency conversion method primarily applied at the burner tip and does not represent a value equivalency at the wellhead.

## Exploration & Development

Third quarter 2018 activity was primarily focused in the Greater Sundance area on the Cardium play as shown in the following table:

Zone	Field							Total Wells Drilled
	Sundance	Nosehill	Wildhay	Ansell	Whitehorse	Kisku/ Kakwa	Brazeau	
Belly River	-	-	-	-	-	-	-	-
Cardium	15	-	1	-	-	1	-	17
Notikewin	-	1	-	1	-	-	-	2
Falher	-	-	-	-	-	-	2	2
Wilrich	1	2	-	1	-	-	-	4
Bluesky	-	-	-	-	-	-	-	-
<b>Total</b>	<b>16</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>-</b>	<b>1</b>	<b>2</b>	<b>25</b>

During the quarter, Peyto evaluated two additional well completion designs for the Cardium in an attempt to increase stimulation intensity. While early results indicate lower initial productivity, these wells continue to cleanup and improve, requiring additional production time to determine if these designs yield greater ultimate reserves and rates of return. Their production performance over the coming months will be analyzed and compared to the current go-forward well design.

The Company will continue to innovate with fracture design in an effort to realize maximum return from its large, liquids-rich, Cardium resource play. As illustrated in the following table, drilling cost per meter have continued at record low levels, while completion cost per stage and per meter of horizontal lateral increased slightly due to the different technologies used. Excluding the Montney exploratory well, Peyto expects that drilling and completion costs in the fourth quarter of 2018 should be the lowest so far in the Company's horizontal drilling history.

	2010	2011	2012	2013	2014	2015	2016	2017	2018 Q1	2018 Q2	2018 Q3
Gross Hz Spuds	52	70	86	99	123	140	126	135	8	7	<b>25</b>
Measured Depth (m)	3,762	3,903	4,017	4,179	4,251	4,309	4,197	4,229	4,091	3,814	<b>4,057</b>
Drilling (\$MM/well)	\$2.76	\$2.82	\$2.79	\$2.72	\$2.66	\$2.16	\$1.82	\$1.90	\$1.74	\$1.54	<b>\$1.65</b>
\$ per meter	\$734	\$723	\$694	\$651	\$626	\$501	\$433	\$450	\$425	\$403	<b>\$407</b>
Completion (\$MM/well)	\$1.36	\$1.68	\$1.67	\$1.63	\$1.70	\$1.21	\$0.86	\$1.00	\$1.15	\$1.31	<b>\$1.29</b>
Hz Length (m)	1,335	1,303	1,358	1,409	1,460	1,531	1,460	1,241	1,415	1,605	<b>1,436</b>
\$ per Hz Length (m)	\$1,017	\$1,286	\$1,231	\$1,153	\$1,166	\$792	\$587	\$803	\$810	\$814	<b>\$896</b>
\$ '000 per Stage	\$231	\$246	\$257	\$188	\$168	\$115	\$79	\$81	\$61	\$40	<b>\$44</b>

## Capital Expenditures

During the third quarter of 2018, Peyto spent \$37 million on drilling, \$17.5 million on completions, \$5.6 million on wellsite equipment and tie-ins, \$4.9 million on facilities and major pipeline projects, and \$4.7 million acquiring new Crown lands and seismic, for total capital investments of \$69.7 million.

The \$2.5 million in land acquisition included the purchase of 50.25 net sections of Crown lands containing mostly Montney rights, for an average purchase price of \$64/acre.

## Commodity Prices

Average daily AECO natural gas prices were \$1.13/GJ in Q3 2018, up 1% from \$1.12/GJ in the previous quarter but down 18% from the \$1.38/GJ in the prior year. US Henry Hub spot prices were \$US 2.93/MMBTU (equivalent to \$CND 3.64/GJ) up 2% from the previous quarter but effectively the same as a year ago. The inadequacy of the intra-Alberta gas transmission system and the resultant inability to access Alberta storage reservoirs to buffer the supply/demand imbalances, particularly during summer months, continues to create daily market instability and extreme volatility in AECO daily and monthly prices and is the cause of the significant difference between Canadian and US natural gas prices.

On average for Q3 2018, Peyto realized a natural gas price of \$2.43/Mcf (\$2.11/GJ) or 187% of the AECO daily average price. This was the result of a combination of approximately 5% of natural gas production being sold into the daily or monthly spot

market at an average of \$1.27/GJ (\$1.46/Mcf) and 95% having been pre-sold at an average hedged price of \$2.15/GJ (prices reported net of TCPL fuel volume deductions).

In the third quarter of 2018, NGL prices continued to justify the operation of Peyto's Oldman deep cut plant, resulting in a blended, realized, oil and natural gas liquids price of \$61.04/bbl, which represented 67% of the \$90.83/bbl average Canadian WTI price. Details of realized commodity prices by component are shown in the following table:

### Commodity Prices by Component

		Three Months ended Sept 30	
		2018	2017
AECO monthly	(\$/GJ)	1.28	1.93
AECO daily	(\$/GJ)	1.13	1.38
Henry Hub spot	(\$US/MMBTU)	2.93	2.95
Peyto natural gas – prior to hedging	(\$/GJ)	1.27	2.60
	(\$/mcf)	1.46	2.99
Peyto natural gas – after hedging	(\$/GJ)	2.11	2.45
	(\$/mcf)	2.43	2.81
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Condensate (\$/bbl)		78.12	53.77
Propane (\$/bbl)		22.57	23.25
Butane (\$/bbl)		43.85	29.58
Pentane (\$/bbl)		84.68	55.10
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Total Oil and natural gas liquids (\$/bbl)		61.04	45.92
Canadian WTI (\$/bbl)		90.83	60.35
Peyto Realized liquids price/Canadian WTI		67%	76%

Liquids prices are Peyto realized prices in Canadian dollars adjusted for fractionation and transportation.

### Financial Results

Approximately 46%, or \$1.10/Mcfe, of Peyto's unhedged revenue came from its associated natural gas liquids sales while 54%, or \$1.29/Mcfe, came from natural gas. Natural gas hedging activity contributed \$0.87/Mcfe for total revenue of \$3.27/Mcfe. Liquids production represented 11% of total production but its revenue contribution more than covered all cash costs. Cash costs of \$0.94/Mcfe, included royalties of \$0.14/Mcfe, operating costs of \$0.31/Mcfe, transportation costs of \$0.19/Mcfe, G&A of \$0.03/Mcfe and interest costs of \$0.27/Mcfe. Cash costs per unit of production were higher than the previous quarter and previous year due to increased royalties, related to higher liquids pricing, higher operating and transportation costs, from reduced production levels, and increased interest rates. For the balance of the year, Peyto expects to lower per unit operating, transportation and interest costs as production volumes begin to increase from the resumption in drilling activity.

Total cash costs, when deducted from realized revenues of \$3.27/Mcfe, resulted in a cash netback of \$2.33/Mcfe or a 71% operating margin. Historical cash costs and operating margins are shown in the following table.

(\$/Mcfe)	2015				2016				2017				2018		
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
Revenue	4.17	3.81	3.80	3.58	3.24	2.92	3.16	3.38	3.44	3.36	3.24	3.50	3.54	3.20	3.27
Royalties	0.18	0.13	0.15	0.13	0.13	0.10	0.12	0.18	0.19	0.17	0.09	0.15	0.17	0.10	0.14
Operating Costs	0.32	0.31	0.28	0.25	0.23	0.26	0.25	0.26	0.29	0.24	0.26	0.28	0.29	0.30	0.31
Transportation	0.15	0.15	0.16	0.16	0.16	0.17	0.16	0.16	0.17	0.18	0.17	0.16	0.13	0.18	0.19
G&A	0.04	0.04	0.02	0.05	0.03	0.06	0.04	0.03	0.04	0.05	0.03	0.03	0.08	0.05	0.03
Interest	0.20	0.19	0.19	0.16	0.17	0.21	0.19	0.18	0.20	0.21	0.21	0.21	0.24	0.26	0.27
Total Cash Costs	0.89	0.82	0.80	0.75	0.72	0.80	0.76	0.81	0.89	0.85	0.76	0.83	0.91	0.89	0.94
Netback	3.28	2.99	3.00	2.83	2.52	2.12	2.40	2.57	2.55	2.51	2.48	2.67	2.63	2.31	2.33
Operating Margin	79%	78%	79%	79%	78%	73%	76%	76%	74%	75%	76%	76%	74%	72%	71%

Depletion, depreciation and amortization charges of \$1.43/Mcfe, along with a provision for deferred tax and market based bonus payments reduced the cash netback to earnings of \$0.63/Mcfe, or a 19% profit margin. Dividends of \$0.63/Mcfe were paid to shareholders.

## Natural Gas Marketing

Peyto continues to make meaningful progress on its market diversification strategy, previously announced in January of this year. This plan is designed to complement the Company's highly successful hedging strategy and endeavors to achieve a target of 40% of natural gas sales linked to AECO based pricing, 40% linked to US-based pricing and 20% sold directly to intra-Alberta industrial markets. As announced last quarter, Peyto has already begun entering into contracts to supply gas to intra-Alberta industrial users post 2022. In the interim, the Company has been actively securing both synthetic and physical transportation arrangements to link gas sales to US-based markets as illustrated in the table below which shows US-based exposure as a percent of Q3 2018 production.

	Q4 2018	Q1 2019	Q2 2019	Q3 2019	Q4 2019	Q1 2020	Q2 2020	Q3 2020	Q4 2020	Q1 2021	Q2 2021	Q3 2021	Q4 2021
NYMEX-AECO Basis '000s MMBTU/d	26.5	40	200	200	150.3	125	200	200	150.3	125	200	200	85.6
NYMEX-AECO Basis \$/MMBTU	1.01	0.97	1.45	1.45	1.33	1.23	1.45	1.45	1.33	1.23	1.45	1.45	1.35
Percentage of Q3 2018 Gas Sales	5%	8%	40%	40%	30%	25%	40%	40%	30%	25%	40%	40%	17%

Peyto also continued its practice of layering in future sales in the form of fixed price swaps for both AECO and NYMEX markets, thus smoothing out the volatility in natural gas prices. The following table summarizes the remaining hedged volumes and prices for the upcoming years as of November 6, 2018:

	Q4 2018	Q1 2019	Q2 2019	Q3 2019	Q4 2019	Q1 2020	Q2 2020	Q3 2020	Q4 2020	Q1 2021	Q2 2021	Q3 2021	Q4 2021
AECO Fixed Price Swaps '000's GJ/d	438.6	410	190	190	176.7	170	55	55	38.4	10	10	10	3.4
AECO Fixed Price Swaps \$/GJ	2.09	2.04	1.61	1.61	1.75	1.83	1.64	1.64	1.77	1.65	1.56	1.56	1.56
NYMEX Fixed Price '000's MMBTU/d			40	40	13.5								
NYMEX Fixed Price \$/MMBTU			2.70	2.70	2.70								

For a real time summary of Peyto's future hedges see: <http://www.peyto.com/Files/Operations/Marketing/hedges.pdf>

## Activity Update

As part of Peyto's strategic capital plan for 2018, the vast majority of the total capital investment was to be deployed in the third and fourth quarter of the year in order to bring on new, unhedged, flush production into stronger winter commodity prices. Since the end of the third quarter, Peyto has been very active drilling and completing wells in its Deep Basin core areas with 16 wells spud, 11 wells completed, and 7 wells brought on stream. Included in this total are 5 Cardium wells in the Greater Sundance and Kakwa areas, which are contributing to a current production level of approximately 86,000 boe/d, comprised of 12% condensate and NGLs. Peyto has 4 more wells to come on production this week, representing an estimated net 1,500 boe/d and a current inventory of 15 drilled but uncompleted wells. With 7 drillings rigs active, including one Montney exploration rig, Peyto expects to drill 28 wells in the fourth quarter and expects 36 wells to be completed and pipeline connected.

## New Ventures

As a result of modest propane price strength during this past quarter, Peyto has committed to \$3 million of detailed engineering and long lead time equipment fabrication for its Swanson Gas Plant deep-cut process addition. Commensurate with that step, the Company is undertaking gas gathering pipeline routing of its South Sundance liquids-rich Cardium well development to the Swanson facility. The vertical infrastructure integration will enhance the value of this growing Cardium gas supply. Deep cut liquid yields on typical Cardium wells average between 60 and 75 bbl/MMcf. Final investment decision on the Swanson deep-cut will likely occur in the first quarter of 2019 with a plant startup in early 2020.

The Company will gauge propane market dynamics until Q1 2019 before making any decisions to proceed with a companion Swanson LPG fractionation facility. The project is at the forefront of Peyto's investment opportunities but optimal timing will be targeted as the LPG markets continue to evolve. The AltaGas Ridley Island Propane Export terminal due onstream in Q1 2019, the Interpipe propane dehydrogenation and polypropylene plant, and other emerging projects that are awarded government grants under the second phase of the Alberta Petrochemical Diversification Program will no doubt have influence on Alberta's LPG markets. Peyto will be in a position to capitalize on opportunity outcomes of these market dynamics.

The Company continues its engagement as a potential supply source for numerous other projects at varying stages of development. Close to the Greater Sundance area, certain petrochemical projects are awaiting potential funding awards from

the Alberta Petrochemical Diversification Program which closed applications at the beginning of October and from which decisions are imminent. Further afield, supply relationships are being fostered for other intra-Alberta petrochemical ventures and external-Alberta power projects. Lastly, the Company continues active discussion on LNG export projects on both coasts of the country, but particularly with an eye towards the strong call for Asian supply off the coast of British Columbia.

## **2019 Budget**

The current success of Peyto's liquid-rich Cardium resource play combined with relatively stronger NGL pricing in Alberta justifies an increased capital program and Cardium weighting for 2019, despite the expected weakness and volatility in AECO natural gas prices. The Company remains ready to accelerate development of its large, drill-ready inventory of drier gas Spirit River drilling locations should natural gas prices strengthen. Maximization of the return of all future opportunities has always been Peyto's strategy regardless of production outcomes and the Company will continue to optimize the timing of future investments to achieve this goal.

The Board of Directors of Peyto has approved a preliminary 2019 budget which includes a capital program of approximately \$250-\$300 million that involves the drilling of 75-90 gross wells (almost exclusively Cardium with an average 90% working interest), along with associated pipeline and facility investments, which is expected to build between 22,000-24,000 boe/d of new production by year-end 2019. Production for 2018 is expected to exit between 94,000 and 96,000 boe/d, depending on tie-in timing, and the new volume that will be added in 2019 is expected to effectively offset the annual forecast of 25% base decline by the year's end. Funds from operations, based on current strip commodity prices, are forecast to cover this entire capital program, dividend payments and continue to reduce indebtedness.

The future strip for Alberta natural gas prices remains extremely volatile with winter 2018/2019 trading at approximately \$2.45/GJ followed by summer 2019 at \$1.25/GJ. In contrast for 2019, Canadian WTI, which is a proxy for Cardium condensate production is trading above \$80/bbl or over eight times the energy equivalent of the natural gas price. This results in approximately 40% of Peyto's forecast revenue being derived from liquids production that represents less than 15% of total forecast production. Consistent with past years, and in accordance with Peyto's historical hedging practice, the Company has already fixed approximately 38% of expected revenues through AECO, NYMEX and Canadian WTI fixed price swaps. These strip and hedge prices, when combined with the Company's industry leading cash costs of approximately \$0.85 - \$0.95/Mcfe (\$5.40/boe), are expected to yield cash netbacks of approximately \$13/boe (\$2.15/Mcfe).

## **Outlook**

Although Peyto is planning a slightly increased capital program for 2019, the Company continues to remain focused on maintaining financial flexibility particularly in light of the prevailing economic and market conditions. Relatively low levels of North American natural gas storage have the potential to create much improved winter prices just in time for increasing production from Peyto's strategically timed 2018/2019 capital program. At the same time, condensate and natural gas liquids like butane and propane have very recently experienced unprecedented pricing differentials as the heavy oil industry in Alberta comes under pressure due to restricted market access.

This short term market volatility aside, Peyto's strategy continues to focus on the creation of long term shareholder value; through new exploration initiatives that extend the current, deep inventory of profitable drilling locations, through value enhancing infrastructure investments, and through continued focus on longer term opportunities for market diversification.

(signed) "*Darren Gee*"

Darren Gee  
President and CEO  
November 7, 2018

## Management's discussion and analysis

This Management's Discussion and Analysis ("MD&A") should be read in conjunction with the audited financial statements of Peyto Exploration & Development Corp. ("Peyto" or the "Company") for the years ended December 31, 2017 and 2016. The financial statements have been prepared in accordance with the International Accounting Standards Board's ("IASB") most current International Financial Reporting Standards ("IFRS" or "GAAP") and International Accounting Standards ("IAS").

This discussion provides management's analysis of Peyto's historical financial and operating results and provides estimates of Peyto's future financial and operating performance based on information currently available. Actual results will vary from estimates and the variances may be significant. Readers should be aware that historical results are not necessarily indicative of future performance. This MD&A was prepared using information that is current as of November 6, 2018. Additional information about Peyto, including the most recently filed annual information form is available at [www.sedar.com](http://www.sedar.com) and on Peyto's website at [www.peyto.com](http://www.peyto.com).

This MD&A contains certain forward-looking statements or information ("forward-looking statements") as defined by applicable securities laws that involve substantial known and unknown risks and uncertainties, many of which are beyond Peyto's control. These statements relate to future events or the Company's future performance. All statements other than statements of historical fact may be forward-looking statements. The use of any of the words "plan", "expect", "prospective", "project", "intend", "believe", "should", "anticipate", "estimate", or other similar words or statements that certain events "may" or "will" occur are intended to identify forward-looking statements. The projections, estimates and beliefs contained in such forward-looking statements are based on management's estimates, opinions, and assumptions at the time the statements were made, including assumptions relating to: the impact of economic conditions in North America and globally; industry conditions; changes in laws and regulations including, without limitation, the adoption of new environmental laws and regulations and changes in how they are interpreted and enforced; increased competition; the adequacy of the Company's critical accounting estimates; the availability of qualified operating or management personnel; fluctuations in commodity prices, foreign exchange or interest rates; stock market volatility and fluctuations in market valuations of companies with respect to announced transactions and the final valuations thereof; results of exploration and testing activities; and the ability to obtain required approvals and extensions from regulatory authorities. Management of the Company believes the expectations reflected in those forward-looking statements are reasonable, but no assurances can be given that any of the events anticipated by the forward-looking statements will transpire or occur, or if any of them do so, what benefits that Peyto will derive from them. As such, undue reliance should not be placed on forward-looking statements. Forward-looking statements contained herein include, but are not limited to, statements regarding: expected royalty rate, earnings, cash flow and revenue fluctuations; the Company's expectation that funds generated from operations, together with credit facility borrowings, are sufficient; the expectation that the majority of the Company's capital program will involve drilling, completing and tying-in of lower risk development gas wells; the Company's risk management; the Company's critical accounting estimates; and the ongoing evaluation of the impact of IFRS 16 on the Company's financial statements.

The forward-looking statements contained herein are subject to numerous known and unknown risks and uncertainties that may cause Peyto's actual financial results, performance or achievement in future periods to differ materially from those expressed in, or implied by, these forward-looking statements, including but not limited to, risks associated with: imprecision of reserves estimates; competition from other industry participants; failure to secure required equipment; changes in general global economic conditions including, without limitations, the economic conditions in North America; increased competition; the lack of availability of qualified operating or management personnel; fluctuations in commodity prices, foreign exchange or interest rates; environmental risks; changes in laws and regulations including, without limitation, the adoption of new environmental and tax laws and regulations and changes in how they are interpreted and enforced; the results of exploration and development drilling and related activities; the ability to access sufficient capital from internal and external sources; and stock market volatility. Readers are encouraged to review the material risks discussed in Peyto's annual information form for the year ended December 31, 2017 under the heading "Risk Factors" and in Peyto's annual management's discussion and analysis under the heading "Risk Management".

The Company cautions that the foregoing list of assumptions, risks and uncertainties is not exhaustive. Readers are cautioned that the assumptions used in the preparation of such information, although considered reasonable at the time of preparation, may prove to be imprecise and, as such, undue reliance should not be placed on forward-looking statements. Peyto's actual results, performance or achievement could differ materially from those expressed in, or implied by, these forward-looking statements and, accordingly, no assurance can be given that any of the events anticipated by the forward-looking statements will transpire or occur, or if any of them do so, what benefits Peyto will derive there from. The forward-looking statements contained in this MD&A speak only as of the date hereof and Peyto does not assume any obligation to publicly update or revise them to reflect new information, future events or circumstances or otherwise, except as may be required pursuant to applicable securities laws.

All references are to Canadian dollars unless otherwise indicated. Natural gas liquids volumes are recorded in barrels of oil (bbl) and are converted to a thousand cubic feet equivalent (mcf) using a ratio of six (6) thousand cubic feet to one (1) barrel of oil (bbl). Natural gas volumes recorded in thousand cubic feet (mcf) are converted to barrels of oil equivalent (boe) using the ratio of six (6) thousand cubic feet to one (1) barrel of oil (bbl). Boe may be misleading, particularly if used in isolation. A boe conversion ratio of 6 mcf:1 bbl is based in an energy equivalency conversion method primarily applicable at the burner tip and does not represent a value equivalency at the wellhead. In addition, given that the value ratio based on the current price of oil as compared with natural gas is significantly different from the energy equivalent of six to one, utilizing a boe conversion ratio of 6 mcf:1 bbl may be misleading as an indication of value.

## OVERVIEW

Peyto is a Canadian energy company involved in the development and production of natural gas and oil & natural gas liquids in Alberta's deep basin. As at December 31, 2017, the Company's total Proved plus Probable reserves were 4.3 trillion cubic feet equivalent (722 million barrels of oil equivalent) as evaluated by its independent petroleum engineers. Production is weighted approximately 89% to natural gas and 11% to oil & natural gas liquids.

The Peyto model is designed to deliver a superior total return with growth in value, assets, production and income, all on a debt adjusted per share basis. The model is built around three key strategies:

- Use technical expertise to achieve the best return on capital employed through the development of internally generated drilling projects.
- Build an asset base which is made up of high quality natural gas reserves.
- Over time, balance dividends paid to shareholders with earnings and cash flow, and balance funding for the capital program with cash flow, equity and available bank lines.

Operating results over the last twenty years indicate that these strategies have been successfully implemented. This business model makes Peyto a truly unique energy company.

## QUARTERLY FINANCIAL INFORMATION

(\$000 except per share amounts)	2018				2017			2016
	Q3	Q2	Q1	Q4	Q3	Q2	Q1	Q4
Revenue and realized hedging gains (losses) (net of royalties)	<b>147,190</b>	154,932	190,854	202,566	177,061	169,911	177,314	179,862
Funds from operations	<b>109,549</b>	115,571	148,986	161,672	139,257	133,487	139,305	144,593
Per share – basic and diluted	<b>0.66</b>	0.70	0.90	0.98	0.85	0.81	0.85	0.88
Earnings	<b>29,506</b>	30,397	47,749	51,547	44,818	39,957	40,255	38,489
Per share – basic and diluted	<b>0.18</b>	0.18	0.29	0.31	0.27	0.24	0.24	0.23
Dividends	<b>29,677</b>	29,677	29,677	54,408	54,408	54,408	54,387	54,328
Per share – basic and diluted	<b>0.18</b>	0.18	0.18	0.33	0.33	0.33	0.33	0.33

### Funds from Operations

"Funds from operations" is a non-GAAP measure which represents cash flows from operating activities before changes in non-cash operating working capital and provision for future performance-based compensation. Management considers funds from operations and per share calculations of funds from operations to be key measures as they demonstrate the Company's ability to generate the cash necessary to pay dividends, repay debt and make capital investments. Management believes that by excluding the temporary impact of changes in non-cash operating working capital, funds from operations provides a useful measure of Peyto's ability to generate cash that is not subject to short-term movements in operating working capital. The most directly comparable GAAP measure is cash flows from operating activities.

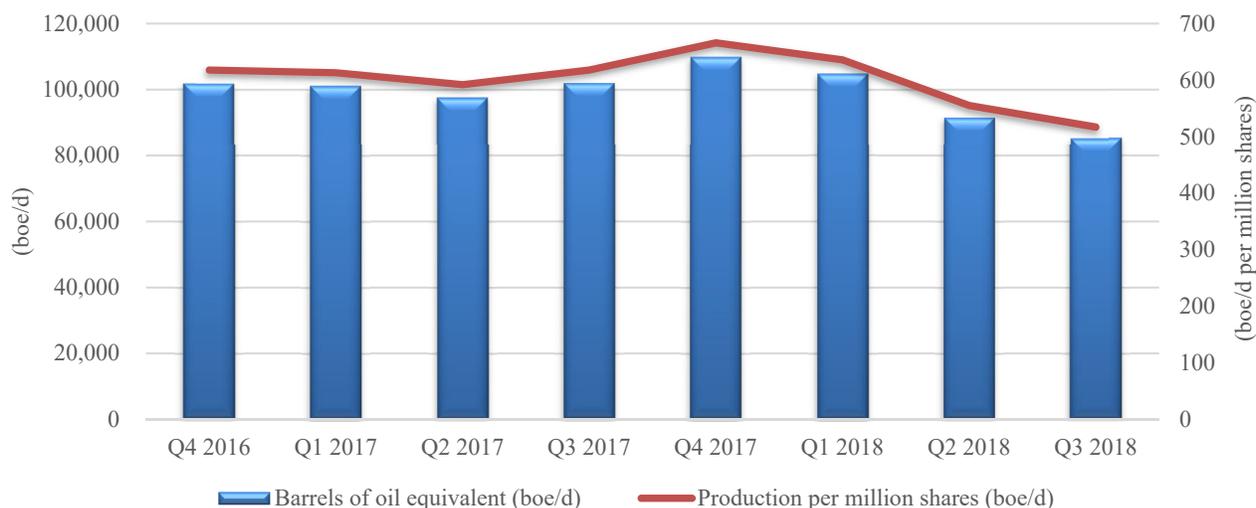
## RESULTS OF OPERATIONS

### Production

	Three Months ended September 30		Nine Months ended September 30	
	2018	2017	2018	2017
Natural gas (mmcf/d)	456.2	558.0	505.8	547.5
Oil & natural gas liquids (bbl/d)	9,209	8,958	9,496	8,952
Barrels of oil equivalent (boe/d)	85,242	101,951	93,789	100,195
Thousand cubic feet equivalent (mmcfe/d)	511.5	611.7	562.7	601.2

Natural gas production averaged 456.2 mmcf/d in the third quarter of 2018, 18% lower than the 558.0 mmcf/d reported for the same period in 2017. Oil & natural gas liquids production averaged 9,209 bbl/d, an increase of 3% from 8,958 bbl/d reported in the prior year. Third quarter production decreased 16% from 611.7 mmcfe/d to 511.5 mmcfe/d. Production decreases are attributable to Peyto's planned reduced capital program which did not offset natural production declines.

### Average Daily Production

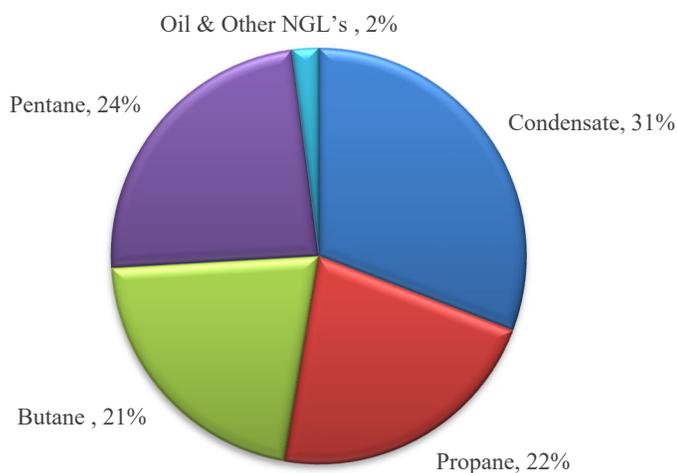


### Oil & Natural Gas Liquids Production by Component

	Three Months ended September 30		Nine Months ended September 30	
	2018	2017	2018	2017
Condensate (bbl/d)	2,839	3,609	3,310	3,667
Propane (bbl/d)	2,010	1,323	1,888	1,328
Butane (bbl/d)	1,974	1,670	2,006	1,740
Pentane (bbl/d)	2,194	2,235	2,125	2,075
Other Oil & NGL's (bbl/d)	192	121	167	142
Oil & Natural gas liquids (bbl/d)	9,209	8,958	9,496	8,952
Barrels per million cubic feet	20.2	16.1	18.8	16.4

The liquid production to sales gas ratio increased 25 per cent from 16.1 bbl/mmcf in Q3 2017 to 20.2 bbl/mmcf in Q3 2018. This increase was due to the addition of liquids rich production from new Cardium wells and to enhanced liquid recoveries from the deep cut processing facility.

### Q3 2018 Oil & NGL Production by Component



#### Commodity Prices

	Three Months ended September 30		Nine Months ended September 30	
	2018	2017	2018	2017
Oil & natural gas liquids (\$/bbl)	<b>61.54</b>	45.92	<b>61.54</b>	47.45
Hedging – Oil & NGL (\$/bbl)	<b>(0.50)</b>	-	<b>(0.13)</b>	-
Oil & NGL – after hedging (\$/bbl)	<b>61.04</b>	45.92	<b>61.41</b>	47.45
Natural gas (\$/mcf)	<b>1.44</b>	2.21	<b>1.55</b>	2.77
Hedging – gas (\$/mcf)	<b>0.99</b>	0.60	<b>1.02</b>	0.13
Natural gas – after hedging (\$/mcf)	<b>2.43</b>	2.81	<b>2.57</b>	2.90
Total Hedging (\$/mcf)	<b>0.87</b>	0.55	<b>0.91</b>	0.11
Total Hedging (\$/boe)	<b>5.24</b>	3.29	<b>5.47</b>	0.68

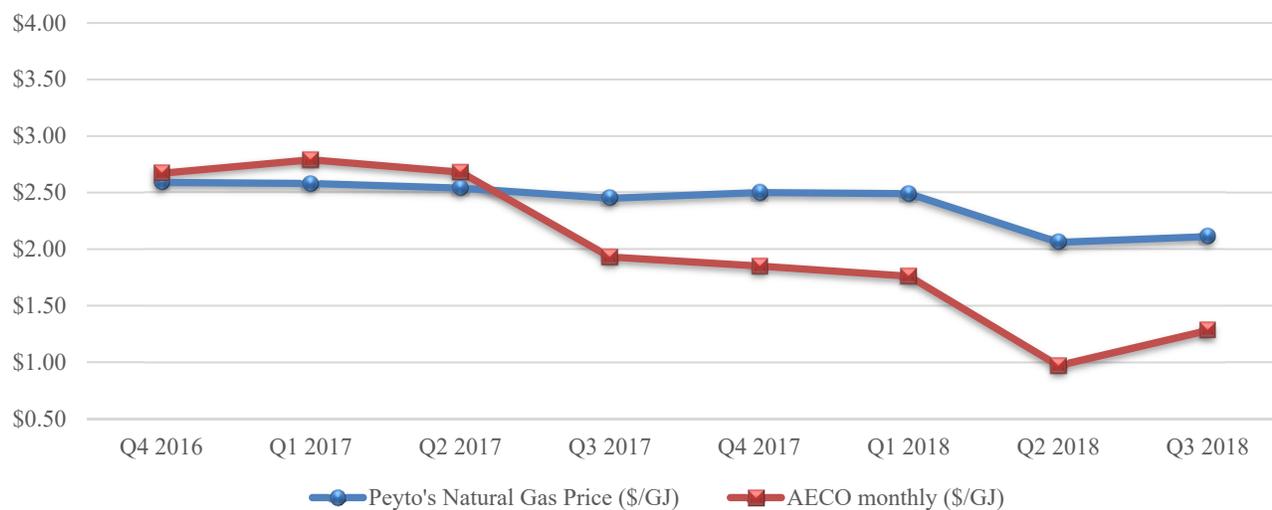
Peyto's natural gas price, before hedging, averaged \$1.44/mcf during the third quarter of 2018, a decrease of 35% from \$2.21/mcf for the equivalent period in 2017. Oil & natural gas liquids prices, before hedging, averaged \$61.54/bbl, an increase of 34% from \$45.92/bbl a year earlier.

#### Commodity Prices by Component

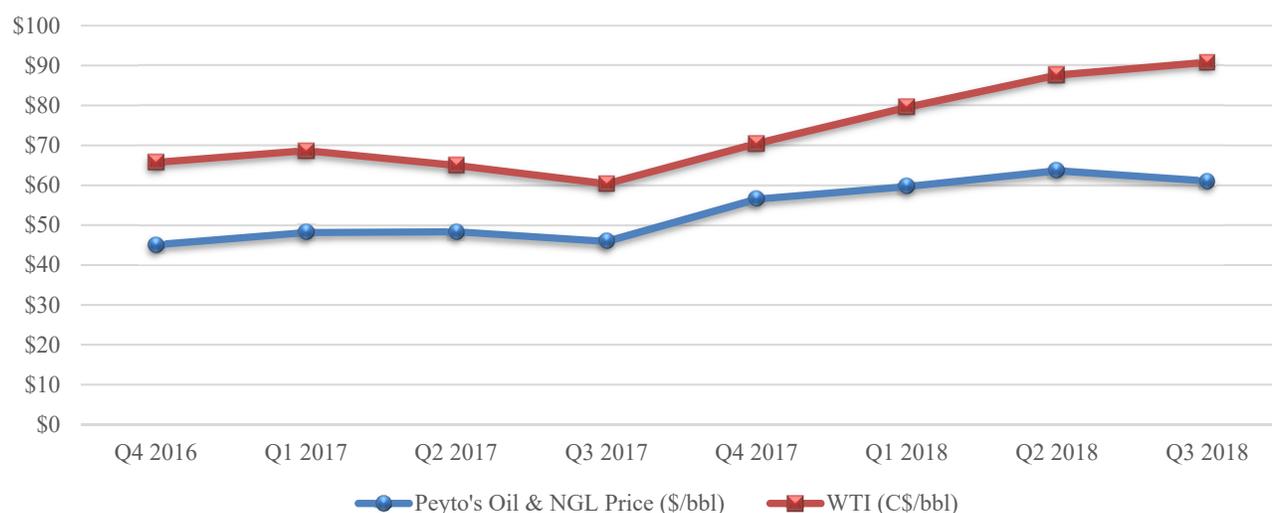
	Three Months ended September 30		Nine Months ended September 30	
	2018	2017	2018	2017
Natural gas – after hedging (\$/mcf)	<b>2.43</b>	2.81	<b>2.57</b>	2.90
Natural gas – after hedging (\$/GJ)	<b>2.11</b>	2.45	<b>2.23</b>	2.52
AECO monthly (\$/GJ)	<b>1.28</b>	1.93	<b>1.34</b>	2.45
AECO daily (\$/GJ)	<b>1.13</b>	1.38	<b>1.40</b>	2.19
Natural gas liquids (\$/bbl)				
Condensate (\$/bbl)	<b>78.12</b>	53.77	<b>76.90</b>	57.47
Propane – after hedging (\$/bbl)	<b>22.57</b>	23.25	<b>22.98</b>	17.43
Butane (\$/bbl)	<b>43.85</b>	29.58	<b>42.99</b>	29.79
Pentane (\$/bbl)	<b>84.68</b>	55.10	<b>83.58</b>	69.66
Total natural gas liquids (\$/bbl)	<b>61.04</b>	45.92	<b>61.41</b>	47.45
Canadian WTI (\$/bbl)	<b>90.83</b>	60.35	<b>86.00</b>	64.65

liquids prices are Peyto realized prices in Canadian dollars adjusted for fractionation and transportation.

### Natural Gas Price



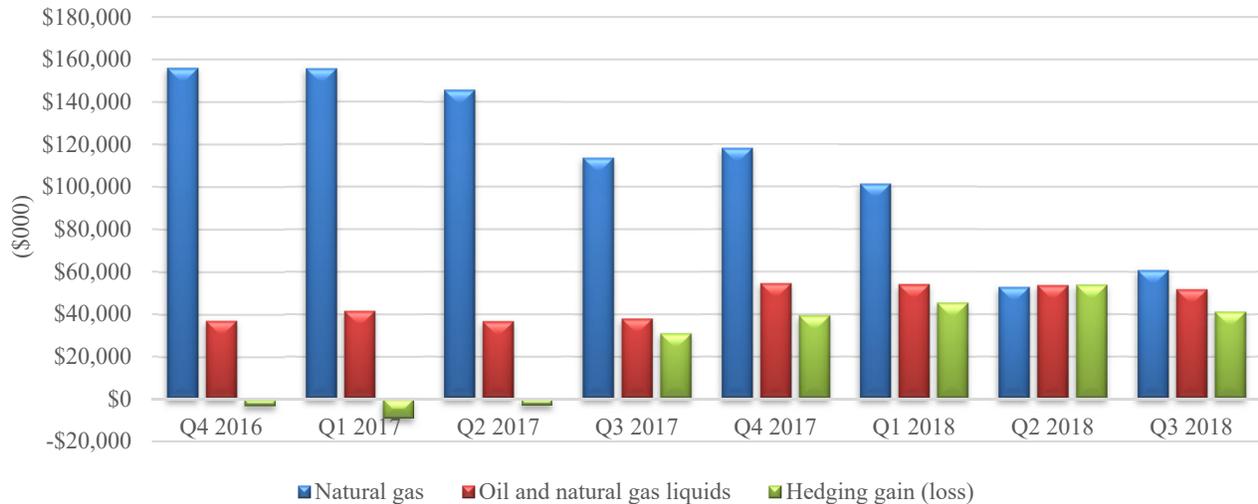
### Oil & NGL Price



### Revenue and Realized Hedging Gains

(\$000)	Three Months ended September 30		Nine Months ended September 30	
	2018	2017	2018	2017
Natural gas	60,740	113,539	214,634	414,549
Oil & natural gas liquids	51,718	37,839	159,186	115,962
Hedging gain	41,131	30,848	139,977	18,647
	<b>153,589</b>	<b>182,226</b>	<b>513,797</b>	<b>549,158</b>

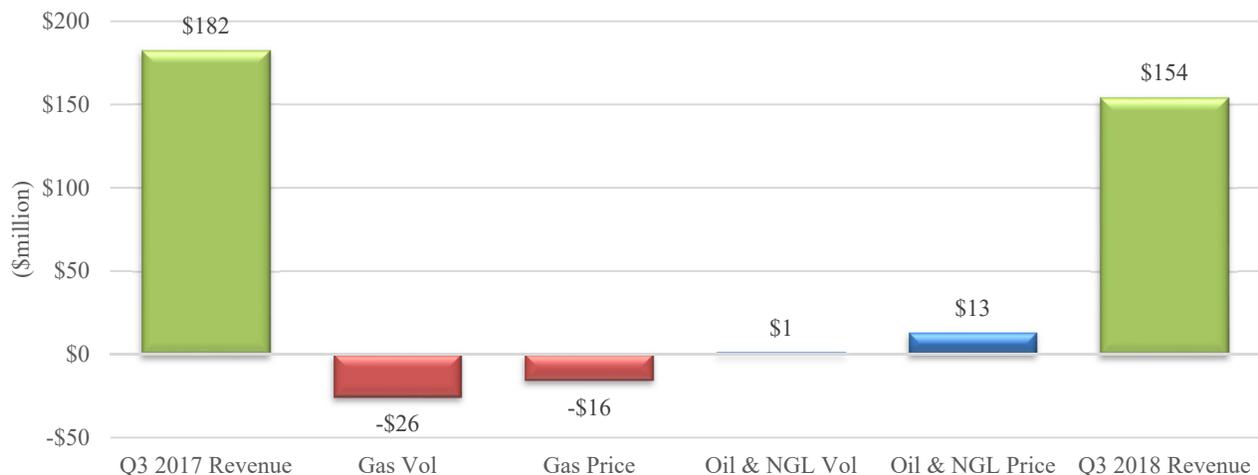
## Revenue by Source



For the three months ended September 30, 2018, revenue and realized hedging gains (losses) decreased 16% to \$153.6 million from \$182.2 million for the same period in 2017. The decrease in revenue and realized hedging gains (losses) for the period was a result of decreased natural gas production volumes and prices, offset in part by an increase in realized oil & natural gas liquids volumes and prices, as detailed in the following table:

	Three Months ended September 30			Nine Months ended September 30		
	2018	2017	\$million	2018	2017	\$million
Total Revenue, September 30, 2017			<b>182.2</b>			<b>549.2</b>
Revenue change due to:						
<b>Natural gas</b>						
Volume (mmcf)	41,970	51,332	<b>(26.3)</b>	138,072	98,123	<b>(33.0)</b>
Price (\$/mcf)	\$2.43	\$2.81	<b>(16.0)</b>	\$2.57	\$2.94	<b>(45.6)</b>
<b>Oil &amp; NGL</b>						
Volume (m bbl)	847	824	<b>1.0</b>	2,593	1,620	<b>7.0</b>
Price (\$/bbl)	\$61.04	\$45.92	<b>12.7</b>	\$61.41	\$48.23	<b>36.2</b>
Total Revenue, September 30, 2018			<b>153.6</b>			<b>513.8</b>

## Change in Revenue



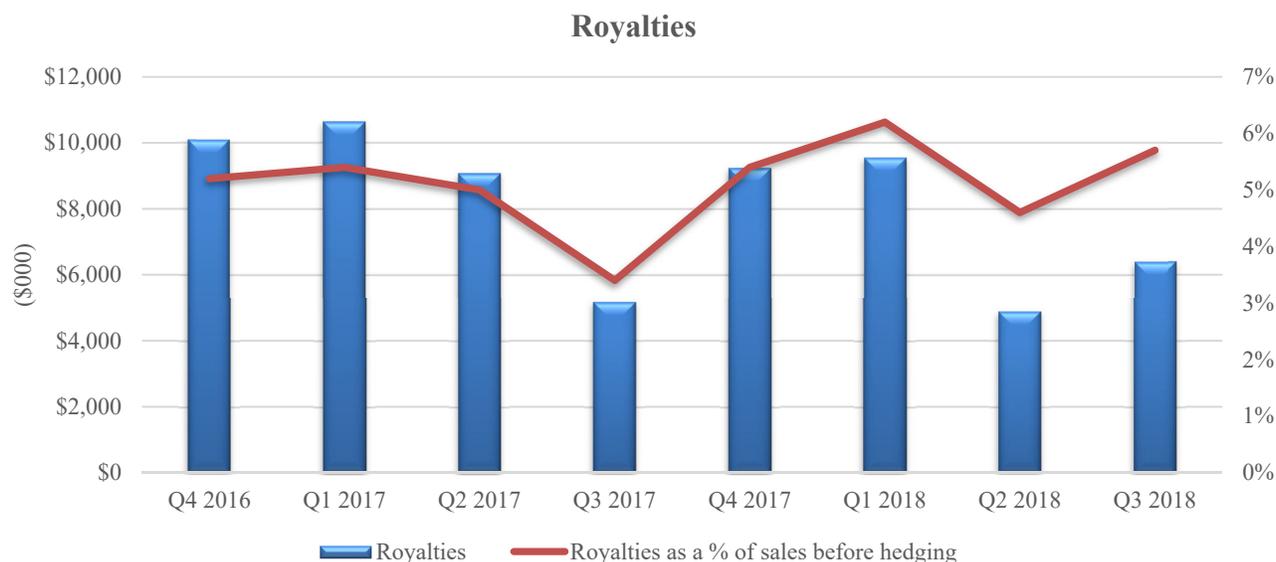
## Royalties

Royalties are paid to the owners of the mineral rights with whom leases are held, including the provincial government of Alberta. Alberta Natural Gas Crown royalties are invoiced on the Crown's share of production based on a monthly established Alberta Reference Price. The Alberta Reference Price is a monthly weighted average price of gas consumed in Alberta and gas exported from Alberta reduced for transportation and marketing allowances. All of Peyto's new natural gas wells qualify for the Crown incentive programs which have a 5% initial royalty rate. The royalty rate expressed as a percentage of sales

revenue will fluctuate from period to period due to the fact that the Alberta Reference Price can differ significantly from the commodity prices realized by Peyto and that hedging gains and losses are not subject to royalties.

	Three Months ended September 30		Nine Months ended September 30	
	2018	2017	2018	2017
Royalties (\$000)	<b>6,399</b>	5,165	<b>20,822</b>	24,872
% of sales before hedging	<b>5.7</b>	3.4	<b>5.6</b>	4.7
% of sales after hedging	<b>4.2</b>	2.8	<b>4.1</b>	4.5
\$/mcf	<b>0.14</b>	0.09	<b>0.14</b>	0.15
\$/boe	<b>0.82</b>	0.55	<b>0.81</b>	0.91

For the third quarter of 2018, royalties averaged \$0.14/mcf or approximately 5.7% of Peyto's total petroleum and natural gas sales excluding hedging gains. The increase in the royalty rate is primarily due to the increase in the volume and price of oil and NGLs which has increased the per-unit royalty rate.



In its 20 year history, Peyto has invested over \$5.8 billion in capital projects, found and developed 5.8 TCFe of gas reserves, and paid over \$852 million in royalties.

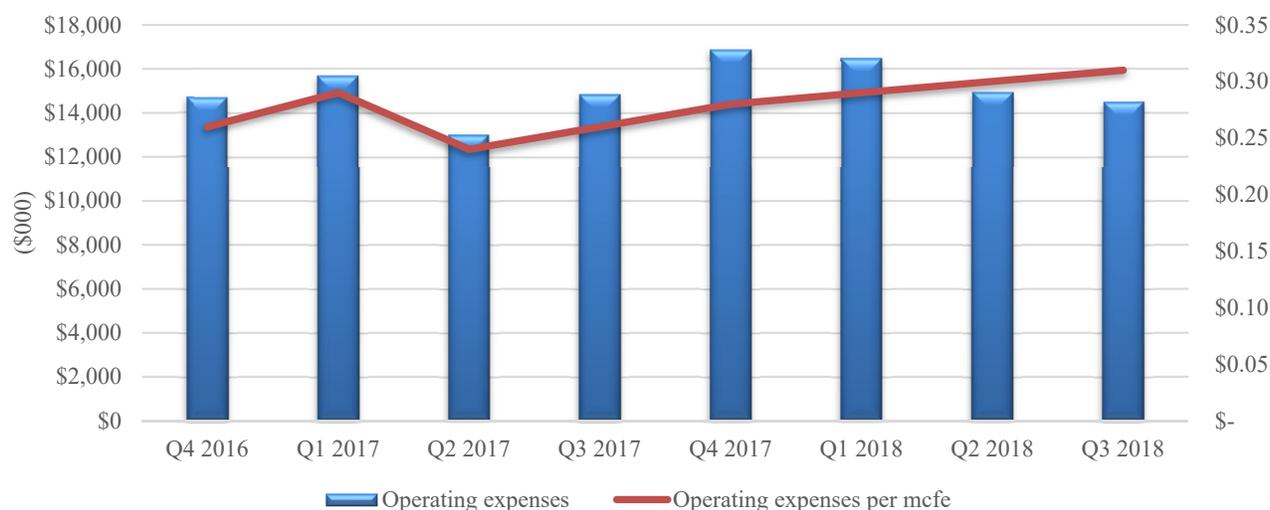
### Operating Costs & Transportation

Peyto's operating expenses include all costs with respect to day-to-day well and facility operations.

	Three Months ended September 30		Nine Months ended September 30	
	2018	2017	2018	2017
Operating costs (\$000)	<b>14,503</b>	14,844	<b>45,896</b>	43,546
\$/mcf	<b>0.31</b>	0.26	<b>0.30</b>	0.27
\$/boe	<b>1.85</b>	1.58	<b>1.79</b>	1.59
Transportation (\$000)	<b>9,036</b>	9,149	<b>25,712</b>	28,358
\$/mcf	<b>0.19</b>	0.17	<b>0.17</b>	0.17
\$/boe	<b>1.15</b>	0.98	<b>1.00</b>	1.04

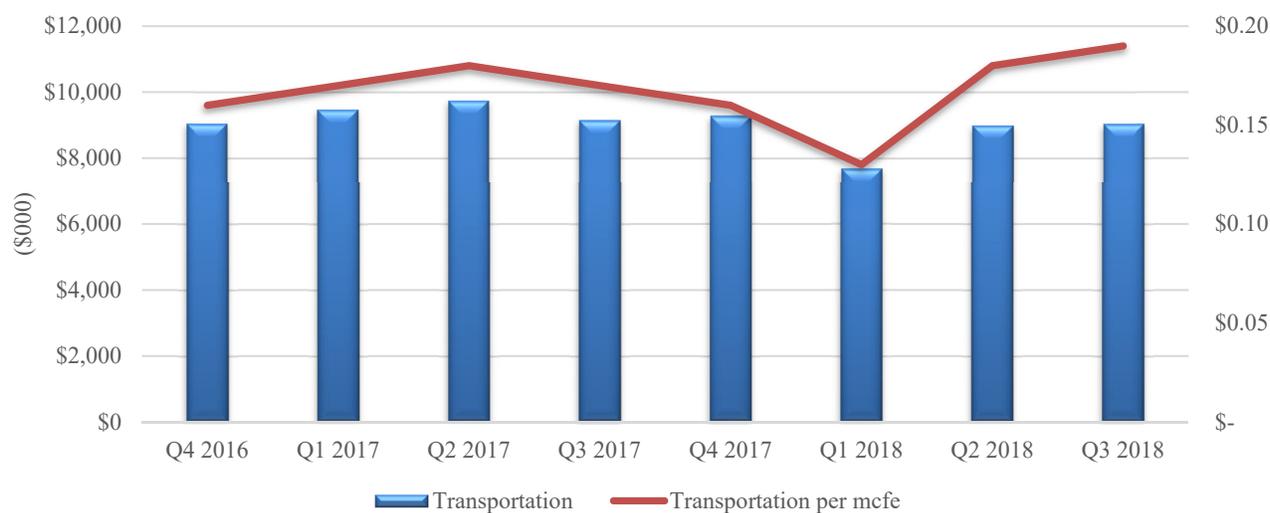
For the third quarter, operating expenses decreased 2 per cent compared to the same quarter of 2017. On a unit-of-production basis, operating costs increased 19 per cent from \$0.26/mcf to \$0.31/mcf due to a combination of fixed and variable cost inflation including power, methanol, municipal taxes, AER Administration and other governmental fees and of lower production volumes. Peyto focuses on being the industry leader in operating costs and strives to achieve incremental cost reductions on a continuous basis.

## Operating Expenses



Transportation expenses increased 12 per cent on a unit-of production basis from \$0.17/mcfe in the third quarter 2017 to \$0.19/mcfe in the third quarter 2018 due to the incremental cost of unutilized firm transportation.

## Transportation

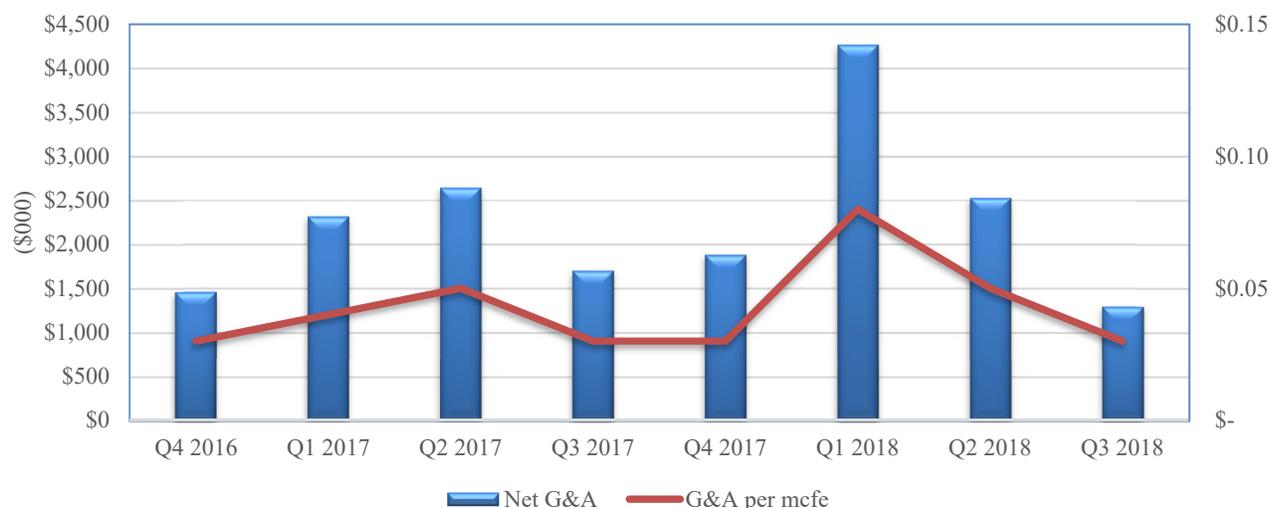


## General and Administrative Expenses

	Three Months ended September 30		Nine Months ended September 30	
	<b>2018</b>	2017	<b>2018</b>	2017
G&A expenses (\$000)	<b>4,010</b>	4,159	<b>12,845</b>	13,144
Overhead recoveries (\$000)	<b>(2,714)</b>	(2,458)	<b>(4,752)</b>	(6,485)
Net G&A expenses (\$000)	<b>1,296</b>	1,701	<b>8,093</b>	6,659
\$/mcf	<b>0.03</b>	0.03	<b>0.05</b>	0.04
\$/boe	<b>0.17</b>	0.18	<b>0.32</b>	0.24

For the third quarter, general and administrative expenses before overhead recoveries were \$4.0 million compared to \$4.2 million for the same quarter of 2017. General and administrative expenses averaged \$0.09/mcfe before overhead recoveries of \$0.06/mcfe for net general and administrative expenses of \$0.03/mcfe in the third quarter of 2018 (\$0.07/mcfe before overhead recoveries of \$0.04/mcfe for net general and administrative expenses of \$0.03/mcfe in the third quarter of 2017).

## Net G&A Expense



### Performance Based Compensation

The Company awards performance based compensation to employees and key consultants annually. The performance based compensation is comprised of market and reserve value based components.

The reserve value based component is 4% of the incremental increase in value, if any, as adjusted to reflect changes in debt, equity, dividends, general and administrative expenses and interest expense, of proved producing reserves calculated using a constant price at December 31 of the current year and a discount rate of 8%. An estimate of reserve additions is made quarterly and is used to calculate an accrued reserve value based expense for the period. This methodology can generate interim results which vary significantly from the final compensation paid. Compensation expense of \$Nil was recorded for the third quarter of 2018.

Under the market based component, rights with a three year vesting period are allocated to employees and key consultants. The number of rights outstanding at any time is not to exceed 6% of the total number of common shares outstanding. At December 31 of each year, all vested rights are automatically cancelled and, if applicable, paid out in cash. Compensation is calculated as the number of vested rights multiplied by the total of the market appreciation (over the price at the date of grant) and associated dividends of a common share for that period.

Based on the weighted average trading price of the common shares for the period ended September 30, 2018, compensation costs related to 5.2 million non-vested rights (3.1% of the total number of common shares outstanding), with an average grant price of \$16.92, are \$1.2 million for the third quarter of 2018. Peyto records a non-cash provision for future compensation expense over the life of the rights calculated using a Black-Scholes valuation model (refer to Note 8 of the condensed financial statements for the more details). This methodology can generate interim results which vary significantly from the final compensation paid. The cumulative provision totals \$11.4 million (\$11.3 million current liability and \$0.1 million long term liability).

### Rights Outstanding Under Market Based Compensation Plan

Vesting Date	Valued but Not Vested		To be Valued December 31, 2018	
	Number of Rights	Value (\$)	Number of Rights	Average Grant Price (\$)
December 31, 2018	1,229,400	13,866,813	* 1,308,133	14.67
December 31, 2019	-	-	1,308,133	14.67
December 31, 2020	-	-	1,308,133	14.67

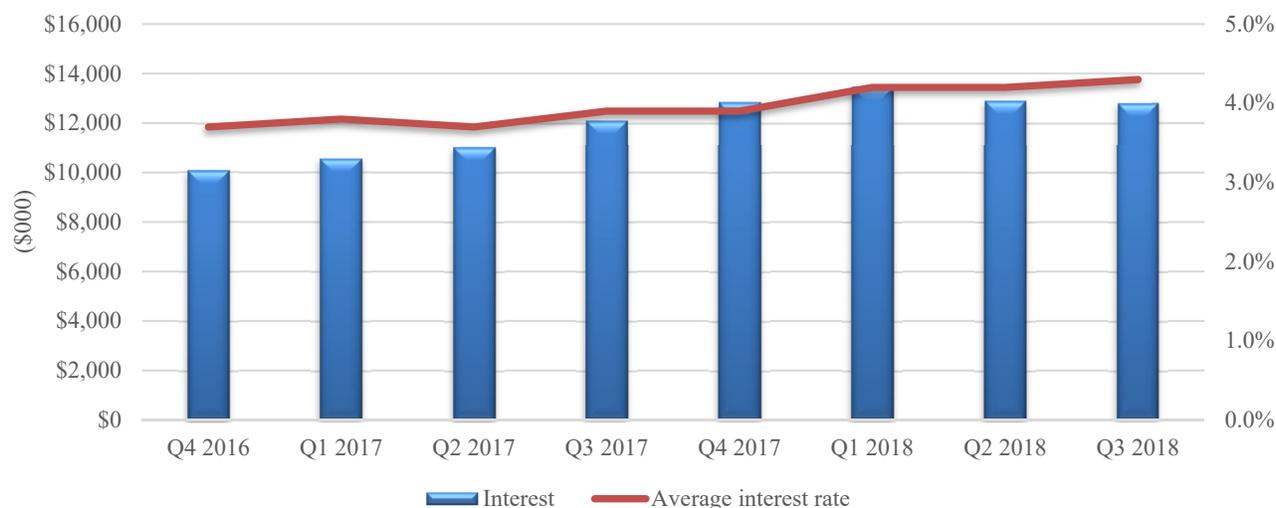
\*Valued on December 31, 2016 at \$33.80

## Interest Expense

	Three Months ended September 30		Nine Months ended September 30	
	2018	2017	2018	2017
Interest expense (\$000)	<b>12,806</b>	12,110	<b>39,168</b>	33,674
\$/mcf	<b>0.27</b>	0.21	<b>0.25</b>	0.21
\$/boe	<b>1.63</b>	1.29	<b>1.53</b>	1.23
Average interest rate	<b>4.3%</b>	3.9%	<b>4.2%</b>	3.8%

Third quarter 2018 interest expense was \$12.8 million or \$0.27/mcf compared to \$12.1 million or \$0.21/mcf for the third quarter 2017. The average interest rate in the third quarter of 2018 was 4.3% compared to 3.9% in the third quarter of 2017 due to Bank of Canada interest rate increases.

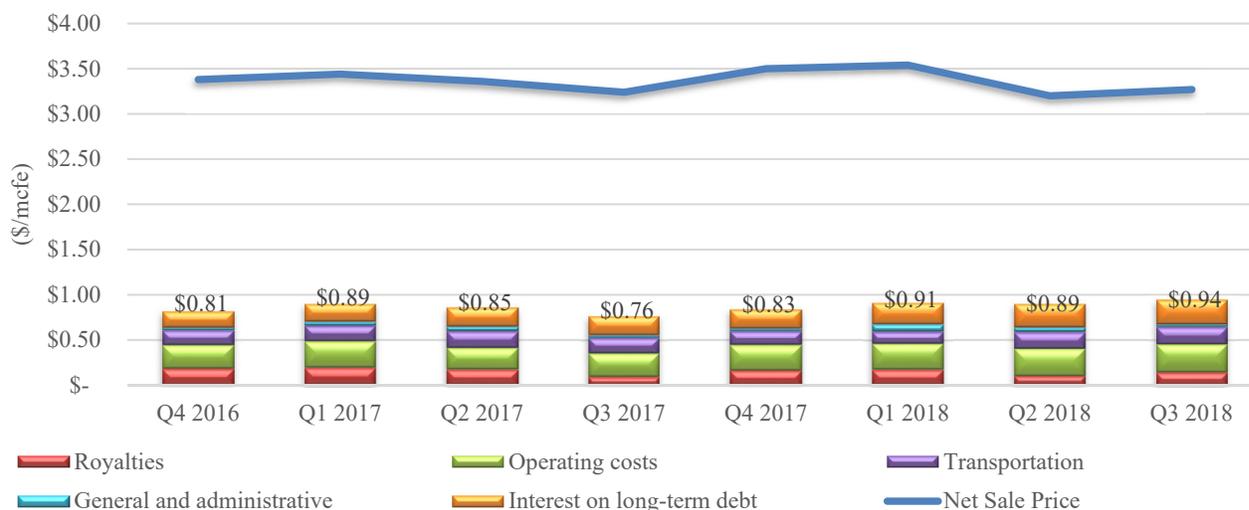
## Interest



## Netbacks

(\$/mcf)	Three Months ended September 30		Nine Months ended September 30	
	2018	2017	2018	2017
Gross Sale Price	<b>2.40</b>	2.69	<b>2.44</b>	3.24
Hedging gain (loss)	<b>0.87</b>	0.55	<b>0.91</b>	0.11
Net Sale Price	<b>3.27</b>	3.24	<b>3.35</b>	3.35
Less: Royalties	<b>0.14</b>	0.09	<b>0.14</b>	0.15
Operating costs	<b>0.31</b>	0.26	<b>0.30</b>	0.27
Transportation	<b>0.19</b>	0.17	<b>0.17</b>	0.17
Field netback	<b>2.63</b>	2.72	<b>2.74</b>	2.76
General and administrative	<b>0.03</b>	0.03	<b>0.05</b>	0.04
Interest on long-term debt	<b>0.27</b>	0.21	<b>0.25</b>	0.21
Cash netback (\$/mcf)	<b>2.33</b>	2.48	<b>2.44</b>	2.51
Cash netback (\$/boe)	<b>13.97</b>	14.85	<b>14.61</b>	15.06

## Cash Costs



Netbacks are a non-GAAP measure that represent the profit margin associated with the production and sale of petroleum and natural gas. Netbacks are per unit of production measures used to assess Peyto's performance and efficiency. The primary factors that produce Peyto's strong netbacks and high margins are a low cost structure and the high heat content of its natural gas that results in higher commodity prices.

### Depletion, Depreciation and Amortization

Under IFRS, Peyto uses proved plus probable reserves as its depletion base to calculate depletion expense. The 2018 third quarter provision for depletion, depreciation and amortization totaled \$67.1 million compared to \$74.9 million in the third quarter 2017. On a unit-of-production basis, depletion and depreciation costs averaged \$1.43/mcfe compared to \$1.33/mcfe in the third quarter of 2017.

### Income Taxes

The current provision for deferred income tax expense is \$10.9 million compared to \$16.6 million in the third quarter of 2017. The corporate income tax rate in Alberta remained unchanged at 27%. Resource pools are generated from the capital program, which are available to offset current and deferred income tax liabilities.

Income Tax Pool type (\$ millions)	September 30, 2018	December 31, 2017	Annual deductibility
Canadian Oil and Gas Property Expense	189.3	211.2	10% declining balance
Canadian Development Expense	670.9	848.0	30% declining balance
Canadian Exploration Expense	92.7	76.0	100%
Undepreciated Capital Cost	334.9	406.3	Primarily 25% declining balance
Other	22.6	27.2	Various, 7% to 20% declining balance
<b>Total Federal Tax Pools</b>	<b>1,310.4</b>	<b>1,568.7</b>	
Additional Alberta Tax Pools	46.3	46.3	Primarily 100%

## MARKETING

### Commodity Price Risk Management

The Company is a party to certain derivative financial instruments, including fixed price contracts. The Company enters into these forward contracts with well-established counterparties for the purpose of protecting a portion of its future revenues from the volatility of oil and natural gas prices. In order to minimize counterparty risk, these marketing contracts are executed with financial institutions which are members of Peyto's banking syndicate. During the third quarter of 2018, a realized hedging gain of \$41.1 million was recorded as compared to a \$30.8 million gain for the equivalent period in 2017. A summary of contracts outstanding in respect of the hedging activities are as follows:

<b>Natural Gas</b>			<b>Average Price</b>
<b>Period Hedged - Monthly Index</b>	<b>Type</b>	<b>Daily Volume</b>	<b>(AECO CAD)</b>
April 1, 2016 to October 31, 2018	Fixed Price	35,000 GJ	\$2.38/GJ
May 1, 2016 to October 31, 2018	Fixed Price	20,000 GJ	\$2.29/GJ
July 1, 2016 to October 31, 2018	Fixed Price	20,000 GJ	\$2.38/GJ
August 1, 2016 to October 31, 2018	Fixed Price	25,000 GJ	\$2.43/GJ
April 1, 2017 to October 31, 2018	Fixed Price	10,000 GJ	\$2.67/GJ
November 1, 2017 to October 31, 2018	Fixed Price	5,000 GJ	\$2.92/GJ
January 1, 2018 to December 31, 2020	Fixed Price	20,000 GJ	\$2.02/GJ
April 1, 2018 to October 31, 2018	Fixed Price	105,000 GJ	\$2.05/GJ
April 1, 2018 to March 31, 2019	Fixed Price	185,000 GJ	\$2.34/GJ
April 1, 2018 to March 31, 2020	Fixed Price	10,000 GJ	\$1.44/GJ
November 1, 2018 to March 31, 2019	Fixed Price	90,000 GJ	\$1.64/GJ
November 1, 2018 to March 31, 2020	Fixed Price	5,000 GJ	\$1.57/GJ
April 1, 2019 to October 31, 2019	Fixed Price	50,000 GJ	\$1.37/GJ
April 1, 2019 to March 31, 2020	Fixed Price	80,000 GJ	\$1.76/GJ
November 1, 2019 to March 31, 2020	Fixed Price	30,000 GJ	\$1.98/GJ
April 1, 2020 to October 31, 2020	Fixed Price	15,000 GJ	\$1.30/GJ
April 1, 2020 to March 31, 2021	Fixed Price	10,000 GJ	\$1.65/GJ
April 1, 2021 to October 31, 2021	Fixed Price	10,000 GJ	\$1.56/GJ

<b>Natural Gas</b>			<b>Average Price</b>
<b>Period Hedged -Daily Index</b>	<b>Type</b>	<b>Daily Volume</b>	<b>(AECO CAD)</b>
April 1, 2018 to October 31, 2018	Fixed Price	15,000 GJ	\$1.59/GJ
April 1, 2018 to March 31, 2019	Fixed Price	40,000 GJ	\$1.54/GJ

<b>Propane</b>			<b>Average Price</b>
<b>Period Hedged</b>	<b>Type</b>	<b>Daily Volume</b>	<b>(Conway USD)</b>
June 1, 2018 to October 31, 2018	Fixed Price	600 bbl	\$32.52/bbl

<b>Crude Oil</b>			<b>Average Price</b>
<b>Period Hedged</b>	<b>Type</b>	<b>Daily Volume</b>	<b>(WTI CAD)</b>
July 1, 2018 to December 31, 2018	Fixed Price	300 bbl	\$87.83/bbl
July 1, 2018 to June 30, 2019	Fixed Price	400 bbl	\$86.75/ bbl
August 1, 2018 to July 31, 2019	Fixed Price	600 bbl	\$84.92/ bbl
September 1, 2018 to August 31, 2019	Fixed Price	400 bbl	\$85.97/ bbl
October 1, 2018 to September 30, 2019	Fixed Price	500 bbl	\$85.92/ bbl
November 1, 2018 to October 31, 2019	Fixed Price	500 bbl	\$89.34/ bbl

As at September 30, 2018, Peyto had committed to the future sale of 158,115,000 gigajoules (GJ) of natural gas at an average price of \$1.87 per GJ or \$2.15 per mcf, 18,600 barrels of propane at \$32.52 USD per bbl and 818,200 barrels of crude at \$86.64 per bbl. Had these contracts closed on September 30, 2018, Peyto would have realized a net gain in the amount of \$21.8 million.

Subsequent to September 30, 2018 Peyto entered into the following contracts:

<b>Natural Gas</b>			<b>Average Price</b>
<b>Period Hedged - Monthly Index</b>	<b>Type</b>	<b>Daily Volume</b>	<b>(AECO CAD)</b>
November 1, 2019 to March 31, 2020	Fixed Price	20,000 GJ	\$2.02/GJ

<b>Crude Oil</b>			<b>Average Price</b>
<b>Period Hedged</b>	<b>Type</b>	<b>Daily Volume</b>	<b>(WTI CAD)</b>
December 1, 2018 to November 30, 2019	Fixed Price	300 bbl	\$90.17/bbl

### Commodity Price Sensitivity

Peyto's earnings are largely determined by commodity prices for crude oil and natural gas including the US/Canadian dollar exchange rate. Volatility in these oil and gas prices can cause fluctuations in Peyto's earnings. Low operating costs and a long reserve life reduce Peyto's sensitivity to changes in commodity prices.

### Currency Risk Management

The Company is exposed to fluctuations in the Canadian/US dollar exchange ratio since commodities are effectively priced in US dollars and converted to Canadian dollars. In the short term, this risk is mitigated indirectly as a result of a commodity hedging strategy that is conducted in a Canadian dollar currency. Over the long term, the Canadian dollar tends to rise as commodity prices rise. There is a similar correlation between oil and gas prices. Currently Peyto has not entered into any agreements to further manage its currency risks.

### Interest Rate Risk Management

The Company is exposed to interest rate risk in relation to interest expense on its revolving credit facility while interest rates on the senior notes are fixed. Currently there are no agreements to manage the risk on the credit facility. At September 30 2018, the increase or decrease in earnings for each 100 bps (1%) change in interest rate paid on the outstanding revolving demand loan amounts to approximately \$1.5 million per quarter. Average debt outstanding for the quarter was \$1.2 billion (including \$620 million fixed rate debt).

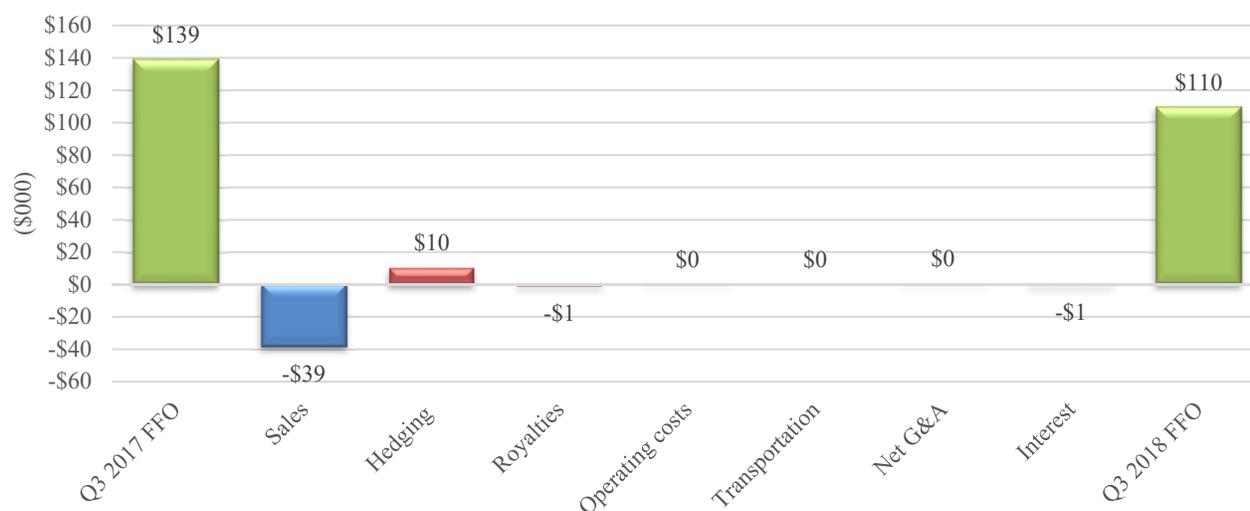
## LIQUIDITY AND CAPITAL RESOURCES

Funds from operations is reconciled to cash flows from operating activities below:

(\$000)	Three Months ended September 30		Nine Months ended September 30	
	2018	2017	2018	2017
Cash flows from operating activities	123,019	142,659	383,920	391,776
Change in non-cash working capital	(14,658)	(4,411)	(13,176)	13,938
Change in provision for performance-based compensation	1,188	1,009	3,361	6,335
Funds from operations	109,549	139,257	374,105	412,049
Funds from operations per share	0.66	0.85	2.27	2.50

For the third quarter ended September 30, 2018, funds from operations totaled \$109.5 million or \$0.66 per share, compared to \$139.3 million or \$0.85 per share during the same quarter in 2017. The decrease in funds from operation on a per share basis was due to an decrease in natural gas production volumes and prices partially offset by an increase in Oil & NGL volumes and prices.

### Change in Funds from Operations



Peyto's policy is to balance dividends to shareholders with earnings and cash flow, and to balance funding for the capital program with cash flow, equity and available bank lines. Earnings and cash flow are sensitive to changes in commodity prices, exchange rates and other factors that are beyond Peyto's control. Current volatility in commodity prices creates uncertainty as to the funds from operations and capital expenditure budget. Accordingly, results are assessed throughout the year and operational plans revised as necessary to reflect the most current information.

Revenues will be impacted by drilling success and production volumes as well as external factors such as the market prices for commodities and the exchange rate of the Canadian dollar relative to the US dollar.

### Current and Long-Term Debt

(\$000)	September 30, 2018	December 31, 2017
Current senior unsecured notes	100,000	-
Long-term senior unsecured notes	520,000	520,000
Bank credit facility	540,000	765,000
<b>Balance, end of the period</b>	<b>1,160,000</b>	<b>1,285,000</b>

The Company has a syndicated \$1.3 billion extendible unsecured revolving credit facility with a stated term date of October 13, 2021. The bank facility is made up of a \$40 million working capital sub-tranche and a \$1.26 billion production line. The facilities are available on a revolving basis. Borrowings under the facility bear interest at Canadian bank prime or US base rate, or, at Peyto's option, Canadian dollar bankers' acceptances or US dollar LIBOR loan rates, plus applicable margin and stamping fees. The total stamping fees range between 50 basis points and 215 basis points on Canadian bank prime and US base rate borrowings and between 150 basis points and 315 basis points on Canadian dollar bankers' acceptance and US dollar LIBOR borrowings. The undrawn portion of the facility is subject to a standby fee in the range of 30 to 63 basis points.

Peyto is subject to the following financial covenants as defined in the credit facility and note purchase agreements:

- Long-term debt plus the average working capital deficiency (surplus) at the end of the two most recently completed fiscal quarters adjusted for non-cash items not to exceed 3.0 times trailing twelve month net income before non-cash items, interest and income taxes;

as at September 30, 2018 – 2.0:1.0

- Long-term debt and subordinated debt plus the average working capital deficiency (surplus) at the end of the two most recently completed fiscal quarters adjusted for non-cash items not to exceed 4.0 times trailing twelve month net income before non-cash items, interest and income taxes;

as at September 30, 2018 – 2.0:1.0

- Trailing twelve months net income before non-cash items, interest and income taxes to exceed 3.0 times trailing twelve months interest expense;

as at September 30, 2018 – 11.0 times

- Long-term debt and subordinated debt plus the average working capital deficiency (surplus) at the end of the two most recently completed fiscal quarters adjusted for non-cash items not to exceed 55% of shareholders' equity and long-term debt and subordinated debt plus the average working capital deficiency (surplus) at the end of the two most recently completed fiscal quarters adjusted for non-cash items.

as at September 30, 2018 – 41%

Peyto is in compliance with all financial covenants and has no subordinated debt as at September 30, 2018.

On January 2, 2018, the Company closed an issuance of CDN \$100 million of senior unsecured notes. The notes were issued by way of a private placement, pursuant to a note purchase agreement and a note purchase and private shelf agreement, and rank equally with Peyto's obligations under its bank facility and existing note purchase agreements. The notes have a coupon rate of 3.95% and mature on January 2, 2028. Interest will be paid semi-annually in arrears. Proceeds from the notes were used to repay a portion of Peyto's outstanding bank debt.

Outstanding unsecured senior notes are as follows (includes notes due within one year):

<b>Senior Unsecured Notes</b>	<b>Date Issued</b>	<b>Rate</b>	<b>Maturity Date</b>
\$100 million	January 3, 2012	4.39%	January 3, 2019
\$120 million	December 4, 2013	4.50%	December 4, 2020
\$50 million	July 3, 2014	3.79%	July 3, 2022
\$50 million	September 6, 2012	4.88%	September 6, 2022
\$100 million	October 24, 2016	3.70%	October 24, 2023
\$100 million	May 1, 2015	4.26%	May 1, 2025
\$100 million	January 2, 2018	3.95%	January 2, 2028

Peyto's total borrowing capacity after the issuance of the senior, unsecured notes on January 2, 2018 is \$1.92 billion of which the credit facility is \$1.3 billion.

Senior unsecured notes in the amount of CAD \$100 million with a coupon rate of 4.39% mature on January 3, 2019 and have therefore been classified as a current liability. As shown in the table below, Peyto has approximately 50% of its long term debt fixed and 50% floating and it is Peyto's intention to continue to manage this balance.

Peyto believes funds generated from operations, together with borrowings under the credit facility will be sufficient to maintain dividends, finance current operations, and fund the planned capital expenditure program of approximately \$200 to \$250 million for 2018. The total amount of capital invested in 2018 will be driven by the number and quality of projects generated. Capital will only be invested if it meets the long-term objectives of the Company. The majority of the capital program will involve drilling, completion and tie-in of lower risk development gas wells. Peyto's rapidly scalable business model has the flexibility to match planned capital expenditures to actual cash flow.

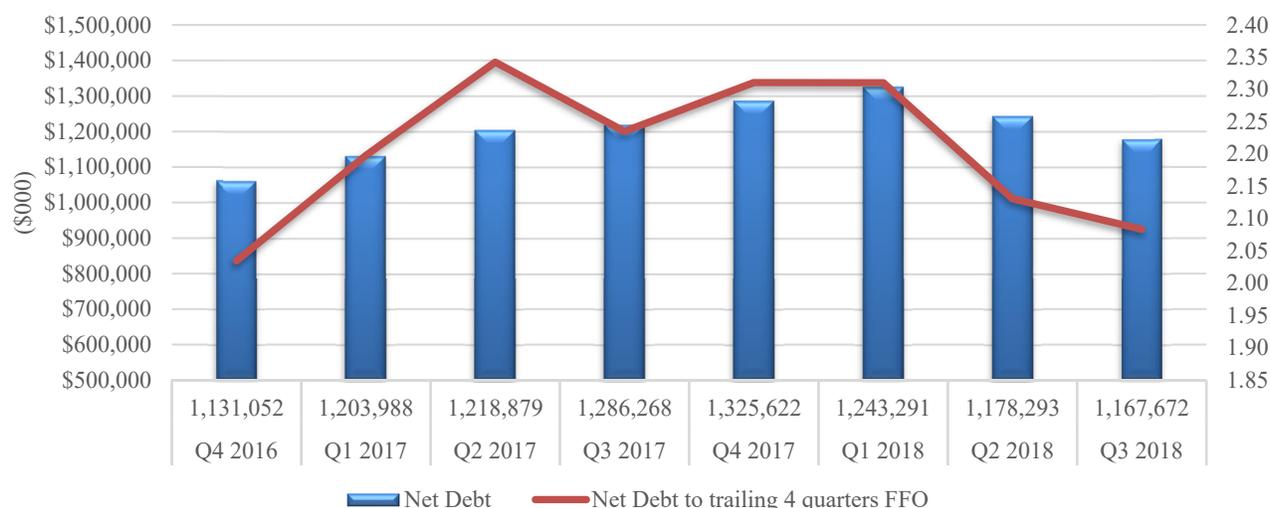
#### **Net Debt**

"Net debt" is a non-GAAP measure that is the sum of long-term debt and working capital excluding the current financial derivative instruments and current provision for future performance-based compensation. It is used by management to analyze the financial position and leverage of the Company. Net debt is reconciled below to long-term debt which is the most directly comparable GAAP measure:

(\$000)	<b>As at September 30, 2018</b>	As at December 31, 2017	As at September 30, 2017
Bank credit facility - drawn	<b>540,000</b>	765,000	715,000
Senior unsecured notes	<b>620,000</b>	520,000	520,000
Current assets	<b>(96,577)</b>	(243,489)	(158,187)
Current liabilities (excludes current portion of senior unsecured notes)	<b>99,051</b>	160,078	154,969
Financial derivative instruments	<b>17,726</b>	135,017	67,675
Provision for future performance-based compensation	<b>(12,528)</b>	(9,166)	(13,189)
<b>Net debt</b>	<b>1,167,672</b>	1,327,440	1,286,268

Net debt has decreased 12% from \$1.33 billion at December 31, 2017 to \$1.17 billion at September 30, 2018.

## Net Debt



### Capital

**Authorized:** Unlimited number of voting common shares

### Issued and Outstanding

Common Shares (no par value)	Number of Common Shares	Amount (\$000)
Balance, December 31, 2017	164,874,175	1,649,537
Common shares issued	-	-
Common share issuance costs, (net of tax)	-	-
<b>Balance, September 30, 2018</b>	<b>164,874,175</b>	<b>1,649,537</b>

### Capital Expenditures

Net capital expenditures for the third quarter of 2018 totaled \$69.7 million. Exploration and development related activity represented \$54.6 million (78%), while expenditures on facilities, gathering systems and equipment totaled \$10.4 million (15%) and land, seismic, and dispositions totaled \$4.7 million (7%). The following table summarizes capital expenditures for the period:

(\$000)	Three Months ended September 30		Nine Months ended September 30	
	2018	2017	2018	2017
Land	2,497	140	3,185	6,719
Seismic	2,268	1,227	3,216	5,737
Drilling	37,013	73,057	58,227	188,023
Completions	17,535	34,161	35,905	91,608
Equipping & Tie-ins	5,559	15,312	10,049	37,451
Facilities & Pipelines	4,879	11,201	13,603	53,674
Acquisitions	-	120	-	3,619
Dispositions	(35)	(31)	(4,037)	(32)
<b>Total Capital Expenditures</b>	<b>69,716</b>	<b>135,187</b>	<b>120,148</b>	<b>386,799</b>

## Dividends

	Three Months ended September 30		Nine Months ended September 30	
	2018	2017	2018	2017
Funds from operations (\$000)	109,549	139,257	374,105	412,049
Total dividends (\$000)	29,677	54,408	89,032	163,204
Total dividends per common share (\$)	0.18	0.33	0.54	0.99
Payout ratio (%)	27	39	24	40

Peyto's policy is to balance dividends to shareholders with earnings and cash flow; and funding for the capital program with cash flow, equity and available bank lines. The Board of Directors is prepared to adjust the payout ratio levels (dividends declared divided by funds from operations) to achieve the desired dividends while maintaining an appropriate capital structure.

### Dividend Payout Ratio



### Contractual Obligations

In addition to those recorded on the Company's balance sheet, the following is a summary of Peyto's contractual obligations and commitments as at September 30, 2018:

(\$000)	2018	2019	2020	2021	2022	Thereafter
Interest payments <sup>(1)</sup>	6,680	23,840	21,645	16,245	16,245	36,075
Transportation commitments	12,783	53,300	41,374	32,007	28,198	254,529
Operating lease	561	2,242	2,242	2,242	2,317	9,269
Methanol	-	4,819	-	-	-	-
<b>Total</b>	<b>20,024</b>	<b>84,201</b>	<b>65,261</b>	<b>50,494</b>	<b>46,760</b>	<b>299,873</b>

<sup>(1)</sup> Fixed interest payments on senior unsecured notes

### LITIGATION

On October 1, 2013, two shareholders (the "Plaintiffs") of Poseidon Concepts Corp. ("Poseidon") filed an application to seek leave of the Alberta Court of Queen's Bench (the "Court") to pursue a class action lawsuit against the Company, as a successor to new Open Range Energy Corp. ("New Open Range") (the "Poseidon Shareholder Application"). The proposed action contained various claims relating to alleged misrepresentations in disclosure documents of Poseidon (not New Open Range), which claims were also alleged in class action lawsuits filed in Alberta, Ontario, and Quebec earlier in 2013 against Poseidon and certain of its current and former directors and officers, and underwriters involved in the public offering of common shares of Poseidon completed in February 2012. The proposed class action sought various declarations and damages including compensatory damages which the Plaintiffs estimate at \$651 million and punitive damages which the Plaintiffs estimate at \$10 million, which damage amounts appear to be duplicative of damage amounts claimed in the class actions against Poseidon, certain of its current and former directors and officers, and underwriters. An application seeking leave to commence a class action lawsuit against the Company making the same allegations was also made by two Poseidon

shareholders in Ontario (the “Ontario Poseidon Shareholder Action”). No steps were taken to advance these actions against the Company.

New Open Range was incorporated on September 14, 2011 solely for purposes of participating in a plan of arrangement with Poseidon (formerly named Open Range Energy Corp. ("Old Open Range")), which was completed on November 1, 2011. Pursuant to such arrangement, Poseidon completed a corporate reorganization resulting in two separate publicly-traded companies: Poseidon, which continued to carry on the energy service and supply business; and New Open Range, which carried on Poseidon's former oil and gas exploration and production business. Peyto acquired all of the issued and outstanding common shares of New Open Range on August 14, 2012. On April 9, 2013, Poseidon obtained creditor protection under the Companies' Creditor Protection Act.

On October 31, 2013, Poseidon filed a lawsuit with the Court naming the Company as a co-defendant along with the former directors and officers of Poseidon, the former directors and officers of Old Open Range and the former directors and officers of New Open Range (the “Poseidon Action”). Poseidon claimed, among other things, that the Company is vicariously liable for the alleged wrongful acts and breaches of duty of the directors, officers and employees of New Open Range. No steps were taken to advance these actions against the Company.

On September 24, 2014 Poseidon amended its claim in the Poseidon Action to add Poseidon’s auditor, KPMG LLP (“KPMG”), as a defendant.

On May 4, 2016, KPMG issued a third party claim in the Poseidon Action against Poseidon’s former officers and directors and the Company for any liability KPMG is determined to have to Poseidon. The Company was not required to defend KPMG’s third party claim.

On July 3, 2014, the Plaintiffs filed a lawsuit with the Court against KPMG, Poseidon's and Old Open Range's former auditors, making allegations substantially similar to those in the other claims (the “KPMG Poseidon Shareholder KPMG Action”).

On July 29, 2014, KPMG filed a statement of defence and a third party claim against Poseidon, the Company and the former directors and officers of Poseidon. The third party claim sought, among other things, an indemnity, or alternatively contribution, from the third party defendants with respect to any judgment awarded against KPMG LLP. The Company was not required to defend KPMG’s third party claim.

The allegations against New Open Range contained in the claims described above were based on factual matters that pre-existed the Company’s acquisition of New Open Range.

On April 6, 2018, the Company entered a global settlement with all parties involved in the Poseidon related litigation. The settlement was presented to the Alberta Court of Queens Bench on May 4, 2018 for approval as part of a plan of compromise and arrangement under the Companies’ Creditor Arrangement Act. The Alberta Court approved the settlement and Plan and issued Orders dismissing Alberta actions involving Poseidon including the Poseidon Shareholder Application and the Poseidon Action against the Company. The Ontario, Quebec and United States Courts have now recognized the Alberta Court’s Orders and dismissed the actions before them (including the Ontario Poseidon Shareholder Action against the Company).

The appeal period has now expired and no appeals were filed. All claims have been discontinued.

## RELATED PARTY TRANSACTIONS

Certain directors of Peyto are considered to have significant influence over other reporting entities that Peyto engages in transactions with. Such services are provided in the normal course of business and at market rates. These directors are not involved in the day to day operational decision making of the Company. The dollar value of the transactions between Peyto and the related reporting entities is summarized below:

(\$000)	Expense				Accounts Payable	
	Three Months ended September 30		Nine Months ended September 30		As at September 30	
	2018	2017	2018	2017	2018	2017
	155.6	244.7	432.8	460.4	387.9	477.1

## **RISK MANAGEMENT**

Investors who purchase shares are participating in the total returns from a portfolio of western Canadian natural gas producing properties. As such, the total returns earned by investors and the value of the shares are subject to numerous risks inherent in the oil and natural gas industry.

Expected returns depend largely on the volume of petroleum and natural gas production and the price received for such production, along with the associated costs. The price received for oil depends on a number of factors, including West Texas Intermediate oil prices, Canadian/US currency exchange rates, quality differentials and Edmonton par oil prices. The price received for natural gas production is primarily dependent on current Alberta market prices. Peyto's marketing strategy is designed to smooth out short term fluctuations in the price of natural gas through future sales. It is meant to be methodical and consistent and to avoid speculation.

Although Peyto's focus is on internally generated drilling programs, any acquisition of oil and natural gas assets depends on an assessment of value at the time of acquisition. Incorrect assessments of value can adversely affect dividends to shareholders and the value of the shares. Peyto employs experienced staff and performs appropriate levels of due diligence on the analysis of acquisition targets, including a detailed examination of reserve reports; if appropriate, re-engineering of reserves for a large portion of the properties to ensure the results are consistent; site examinations of facilities for environmental liabilities; detailed examination of balance sheet accounts; review of contracts; review of prior year tax returns and modeling of the acquisition to attempt to ensure accretive results to the shareholders.

Inherent in development of the existing oil and gas reserves are the risks, among others, of drilling dry holes, encountering production or drilling difficulties or experiencing high decline rates in producing wells. To minimize these risks, Peyto employs experienced staff to evaluate and operate wells and utilize appropriate technology in operations. In addition, prudent work practices and procedures, safety programs and risk management principles, including insurance coverage protect Peyto against certain potential losses.

The value of Peyto's shares is based on among other things, the underlying value of the oil and natural gas reserves. Geological and operational risks can affect the quantity and quality of reserves and the cost of ultimately recovering those reserves. Lower oil and gas prices increase the risk of write-downs on oil and gas property investments. In order to mitigate this risk, proven and probable oil and gas reserves are evaluated each year by a firm of independent reservoir engineers. The reserves committee of the Board of Directors reviews and approves the reserve report.

Access to markets may be restricted at times by pipeline or processing capacity. These risks are minimized by controlling as much of the processing and transportation activities as possible and ensuring transportation and processing contracts are in place with reliable cost efficient counterparties.

The petroleum and natural gas industry is subject to extensive controls, regulatory policies and income and resource taxes imposed by various levels of government. These regulations, controls and taxation policies are amended from time to time. Peyto has no control over the level of government intervention or taxation in the petroleum and natural gas industry. Peyto operates in such a manner to ensure, to the best of its knowledge that it is in compliance with all applicable regulations and are able to respond to changes as they occur.

The petroleum and natural gas industry is subject to both environmental regulations and an increased environmental awareness. Peyto has reviewed its environmental risks and is, to the best of its knowledge, in compliance with the appropriate environmental legislation and have determined that there is no current material impact on operations. Peyto employs environmentally responsible business operations, and looks to both Alberta provincial authorities and Canada's federal authorities for direction and regulation regarding environmental and climate change legislation.

Peyto is subject to financial market risk. In order to maintain substantial rates of growth, Peyto must continue reinvesting in, drilling for or acquiring petroleum and natural gas. The capital expenditure program is funded primarily through funds from operations, debt and, if appropriate, equity.

## **CONTROLS AND PROCEDURES**

### **Disclosure Controls and Procedures**

The Company's Chief Executive Officer and Chief Financial Officer have designed, or caused to be designed under their supervision, disclosure controls and procedures to provide reasonable assurance that: (i) material information relating to the Company is made known to the Company's Chief Executive Officer and Chief Financial Officer by others, particularly during the period in which the annual and interim filings are being prepared; and (ii) information required to be disclosed by the Company in its annual filings, interim filings or other reports filed or submitted by it under securities legislation is recorded,

processed, summarized and reported within the time period specified in securities legislation. Such officers have evaluated, or caused to be evaluated under their supervision, the effectiveness of the Company's disclosure controls and procedures at the year end of the Company and have concluded that the Company's disclosure controls and procedures are effective at the financial period end of the Company for the foregoing purposes.

### **Internal Control over Financial Reporting**

The Company's Chief Executive Officer and Chief Financial Officer have designed, or caused to be designed under their supervision, internal control over financial reporting to provide reasonable assurance regarding the reliability of the Company's financial reporting and the preparation of financial statements for external purposes in accordance with GAAP. Such officers have evaluated, or caused to be evaluated under their supervision, the effectiveness of the Company's internal control over financial reporting at the financial period end of the Company and concluded that the Company's internal control over financial reporting is effective, at the financial period end of the Company, for the foregoing purpose.

Peyto is required to disclose herein any change in Peyto's internal control over financial reporting that occurred during the period ended September 30, 2018 that has materially affected, or is reasonably likely to materially affect, Peyto's internal control over financial reporting. No material changes in Peyto's internal control over financial reporting were identified during such period that has materially affected, or are reasonably likely to materially affect, Peyto's internal control over financial reporting.

It should be noted that a control system, including the Company's disclosure and internal controls and procedures, no matter how well conceived, can provide only reasonable, but not absolute, assurance that the objectives of the control system will be met and it should not be expected that the disclosure and internal controls and procedures will prevent all errors or fraud.

## **CRITICAL ACCOUNTING ESTIMATES**

### **Reserve Estimates**

Estimates of oil and natural gas reserves, by necessity, are projections based on geologic and engineering data, and there are uncertainties inherent to the interpretation of such data as well as the projection of future rates of production and the timing of development expenditures. Reserve engineering is an analytical process of estimating underground accumulations of oil and natural gas that can be difficult to measure. The accuracy of any reserve estimate is a function of the quality of available data, engineering and geological interpretation and judgment. Estimates of economically recoverable oil and natural gas reserves and future net cash flows necessarily depend upon a number of variable factors and assumptions, such as historical production from the area compared with production from other producing areas, the assumed effects of regulations by governmental agencies and assumptions governing future oil and natural gas prices, future royalties and operating costs, development costs and workover and remedial costs, all of which may in fact vary considerably from actual results. For these reasons, estimates of the economically recoverable quantities of oil and natural gas attributable to any particular group of properties, classifications of such reserves based on risk recovery, and estimates of the future net cash flows expected therefrom may vary substantially. Any significant variance in the assumptions could materially affect the estimated quantity and value of the reserves, which could affect the carrying value of Peyto's oil and natural gas properties and the rate of depletion of the oil and natural gas properties as well as the calculation of the reserve value based compensation. Actual production, revenues and expenditures with respect to Peyto's reserves will likely vary from estimates, and such variances may be material.

Peyto's estimated quantities of proved and probable reserves at December 31, 2017 were evaluated by independent petroleum engineers InSite Petroleum Consultants Ltd. InSite has been evaluating reserves in this area and for Peyto since inception.

### **Depletion and Depreciation Estimate**

All costs of exploring for and developing petroleum and natural gas reserves, together with the costs of production equipment, are capitalized and then depleted and depreciated on the unit-of-production method based on proved plus probable reserves. Petroleum and natural gas reserves and production are converted into equivalent units based upon estimated relative energy content (6 mcf to 1 barrel of oil). Costs for gas plants and other facilities are capitalized and depreciated on a declining balance basis.

### **Impairment of Long-Lived Assets**

Impairment is indicated if the carrying value of the long-lived asset or oil and gas cash generating unit exceeds its recoverable amount under IFRS. If impairment is indicated, the amount by which the carrying value exceeds the estimated fair value of the long-lived asset is charged to earnings. The determination of the recoverable amount for impairment purposes under IFRS involves the use of numerous assumptions and judgments including future net cash flows from oil and gas reserves, future third-party pricing, inflation factors, discount rates and other uncertainties. Future revisions to these assumptions impact the recoverable amount.

**Decommissioning Provision**

The decommissioning provision is estimated based on existing laws, contracts or other policies. The fair value of the obligation is based on estimated future costs for abandonment and reclamation discounted at a credit adjusted risk free rate. The liability is adjusted each reporting period to reflect the passage of time and for revisions to the estimated future cash flows, with the accretion charged to earnings. By their nature, these estimates are subject to measurement uncertainty and the impact on the financial statements could be material.

**Future Market Performance Based Compensation**

The provision for future market based compensation is estimated based on current market conditions, distribution history and on the assumption that all outstanding rights will be paid out according to the vesting schedule. The conditions at the time of vesting could vary significantly from the current conditions and may have a material effect on the calculation.

**Reserve Value Performance Based Compensation**

The reserve value-based compensation is calculated using the year end independent reserves evaluation which was completed in February 2018. A quarterly provision for the reserve value based compensation is calculated using estimated proved producing reserve additions adjusted for changes in debt, equity and dividends. Actual proved producing reserves additions and forecasted commodity prices could vary significantly from those estimated and may have a material effect on the calculation.

**Income Taxes**

The determination of the Company's income and other tax liabilities requires interpretation of complex laws and regulations often involving multiple jurisdictions. All tax filings are subject to audit and potential reassessment after the lapse of considerable time. Accordingly, the actual income tax liability may differ significantly from that estimated and recorded.

**Accounting Changes**

Voluntary changes in accounting policy are made only if they result in financial statements which provide more reliable and relevant information. Accounting policy changes are applied retrospectively unless it is impractical to determine the period or cumulative impact of the change. Corrections of prior period errors are applied retrospectively and changes in accounting estimates are applied prospectively by including these changes in earnings. When the Company has not applied a new primary source of GAAP that has been issued, but is not effective, the Company will disclose the fact along with information relevant to assessing the possible impact that application of the new primary source of GAAP will have on the financial statements in the period of initial application.

**STANDARDS ISSUED BUT NOT YET EFFECTIVE**

The IASB issued the following standards and amendments which are not yet effective for Peyto and discussed in further detail in Note 2 to the Financial Statements for the fiscal period ended September 30, 2018.

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 of assets and liabilities for most leases. The standard will come into effect for annual periods beginning on or after January 1, 2019, with earlier adoption permitted. The Company is currently evaluating the impact of the standard on the Company's financial statements.

**ADDITIONAL INFORMATION**

Additional information relating to Peyto Exploration & Development Corp. can be found on SEDAR at [www.sedar.com](http://www.sedar.com) and [www.peyto.com](http://www.peyto.com).

## Quarterly information

	2018			2017	
	Q3	Q2	Q1	Q4	Q3
<b>Operations</b>					
Production					
Natural gas (mcf/d)	456,197	493,821	568,496	595,885	557,958
Oil & NGLs (bbl/d)	9,209	9,243	10,043	10,479	8,958
Barrels of oil equivalent (boe/d @ 6:1)	85,242	91,547	104,793	109,793	101,951
Thousand cubic feet equivalent (mcf/d @ 6:1)	511,453	549,281	628,755	658,759	611,703
Average product prices					
Natural gas (\$/mcf)	2.43	2.37	2.86	2.87	2.81
Oil & natural gas liquids (\$/bbl)	61.04	63.64	59.67	56.52	45.92
\$/MCFE					
Average sale price (\$/mcf)	3.27	3.20	3.54	3.50	3.24
Average royalties paid (\$/mcf)	0.14	0.10	0.17	0.15	0.09
Average operating expenses (\$/mcf)	0.31	0.30	0.29	0.28	0.26
Average transportation costs (\$/mcf)	0.19	0.18	0.13	0.16	0.17
Field netback (\$/mcf)	2.63	2.62	2.95	2.91	2.72
General & administrative expense (\$/mcf)	0.03	0.05	0.08	0.03	0.03
Interest expense (\$/mcf)	0.27	0.26	0.24	0.21	0.21
Cash netback (\$/mcf)	2.33	2.31	2.63	2.67	2.48
<b>Financial (\$000 except per share)</b>					
Revenue and realized hedging gains (losses)	153,589	159,811	200,397	211,799	182,226
Royalties	6,399	4,879	9,543	9,232	5,165
Funds from operations	109,549	115,571	148,986	161,672	139,257
Funds from operations per share	0.66	0.70	0.90	0.98	0.85
Total dividends	29,677	29,677	29,677	54,408	54,408
Total dividends per share	0.18	0.18	0.18	0.33	0.33
Payout ratio	27%	26%	20%	34%	39%
Earnings	29,506	30,397	47,749	51,547	44,818
Earnings per share	0.18	0.18	0.29	0.31	0.27
Capital expenditures	69,716	14,978	35,454	134,411	135,187
Weighted average shares outstanding	164,874,175	164,874,175	164,874,175	164,874,175	164,874,175

# Peyto Exploration & Development Corp.

## Condensed Balance Sheet *(unaudited)*

(Amount in \$ thousands)

	September 30	December 31
	2018	2017
<b>Assets</b>		
<b>Current assets</b>		
Cash	998	5,652
Accounts receivable <i>(Note 9)</i>	65,591	90,242
Derivative financial instruments <i>(Note 10)</i>	17,726	135,017
Prepaid expenses	12,262	12,578
	<b>96,577</b>	<b>243,489</b>
Long-term derivative financial instruments <i>(Note 10)</i>	4,019	16,233
Property, plant and equipment, net <i>(Note 4)</i>	3,483,934	3,584,992
	<b>3,487,953</b>	<b>3,601,225</b>
	<b>3,584,530</b>	<b>3,844,714</b>
<b>Liabilities</b>		
<b>Current liabilities</b>		
Accounts payable and accrued liabilities	76,631	132,776
Dividends payable <i>(Note 7)</i>	9,892	18,136
Provision for future performance-based compensation <i>(Note 8)</i>	12,528	9,166
Current portion of long-term debt <i>(Note 5)</i>	100,000	-
	<b>199,051</b>	<b>160,078</b>
Long-term debt <i>(Note 5)</i>	1,060,000	1,285,000
Provision for future performance-based compensation <i>(Note 8)</i>	102	-
Decommissioning provision <i>(Note 6)</i>	140,615	143,805
Deferred income taxes	537,703	532,853
	<b>1,738,420</b>	<b>1,961,658</b>
<b>Equity</b>		
Share capital <i>(Note 7)</i>	1,649,537	1,649,537
Retained earnings (deficit)	(21,641)	(40,261)
Accumulated other comprehensive income <i>(Note 7)</i>	19,163	113,702
	<b>1,647,059</b>	<b>1,722,978</b>
	<b>3,584,530</b>	<b>3,844,714</b>

See accompanying notes to the financial statements.

# Peyto Exploration & Development Corp.

## Condensed Income Statement *(unaudited)*

(Amount in \$ thousands except earnings per share amount)

	Three months ended		Nine months ended	
	September 30		September 30	
	2018	2017	2018	2017
<b>Revenue</b>				
Natural gas and natural gas liquid sales <i>(Note 9)</i>	112,458	151,378	373,820	530,511
Royalties	(6,399)	(5,165)	(20,822)	(24,872)
Natural gas and natural gas liquid sales, net of royalties	106,059	146,213	352,998	505,639
<b>Risk management contracts</b>				
Realized gain (loss) on risk management contracts <i>(Note 10)</i>	41,131	30,848	139,977	18,647
	<b>147,190</b>	<b>177,061</b>	<b>492,975</b>	<b>524,286</b>
<b>Expenses</b>				
Operating	14,503	14,844	45,896	43,546
Transportation	9,036	9,149	25,712	28,358
General and administrative	1,296	1,701	8,093	6,659
Future performance-based compensation <i>(Note 8)</i>	1,198	2,109	3,464	9,783
Interest <i>(Note 5)</i>	12,806	12,110	39,168	33,674
Accretion of decommissioning provision <i>(Note 6)</i>	880	847	2,481	2,312
Depletion and depreciation <i>(Note 4)</i>	67,052	74,906	220,692	228,681
	<b>106,771</b>	<b>115,666</b>	<b>345,506</b>	<b>353,013</b>
<b>Earnings before taxes</b>	<b>40,419</b>	<b>61,395</b>	<b>147,469</b>	<b>171,273</b>
<b>Income tax</b>				
Deferred income tax expense	10,913	16,577	39,817	46,244
<b>Earnings for the period</b>	<b>29,506</b>	<b>44,818</b>	<b>107,652</b>	<b>125,029</b>
<b>Earnings per share (Note 7)</b>				
<b>Basic and diluted</b>	<b>\$0.18</b>	<b>\$0.27</b>	<b>\$0.65</b>	<b>\$0.76</b>

See accompanying notes to the financial statements.

**Peyto Exploration & Development Corp.**  
**Condensed Statement of Comprehensive Income (Loss) (unaudited)**

(Amount in \$ thousands)

	<b>Three months ended</b>		<b>Nine months ended</b>	
	<b>September 30</b>		<b>September 30</b>	
	<b>2018</b>	2017	<b>2018</b>	2017
<b>Earnings for the period</b>	<b>29,506</b>	44,818	<b>107,652</b>	125,029
<b>Other comprehensive income</b>				
Change in unrealized gain on cash flow hedges	8,508	73,612	10,472	242,451
Deferred (expense) tax recovery	8,808	(11,546)	34,966	(60,427)
Realized (gain) on cash flow hedges	(41,131)	(30,848)	(139,977)	(18,647)
<b>Comprehensive income</b>	<b>5,691</b>	76,036	<b>13,113</b>	288,406

See accompanying notes to the financial statements.

**Peyto Exploration & Development Corp.**  
**Condensed Statement of Changes in Equity (unaudited)**

(Amount in \$ thousands)

	<b>Nine months ended September 30</b>	
	<b>2018</b>	2017
<b>Share capital, beginning of period</b>	<b>1,649,537</b>	1,641,982
Common shares issued by private placement	-	7,574
Common shares issuance costs (net of tax)	-	(19)
<b>Share capital, end of period</b>	<b>1,649,537</b>	1,649,537
<b>Shares to be issued, beginning of period</b>	-	4,930
Shares issued	-	(4,930)
<b>Shares to be issued, end of period</b>	-	-
<b>Retained earnings (deficit), beginning of period</b>	<b>(40,261)</b>	776
Earnings for the period	107,652	125,029
Dividends ( <i>Note 7</i> )	(89,032)	(163,204)
<b>Retained earnings (deficit), end of period</b>	<b>(21,641)</b>	(37,399)
<b>Accumulated other comprehensive income, beginning of period</b>	<b>113,702</b>	(106,754)
Other comprehensive income (loss)	(94,539)	163,377
<b>Accumulated other comprehensive (loss) income, end of period</b>	<b>19,163</b>	56,623
<b>Total equity</b>	<b>1,647,059</b>	1,668,761

See accompanying notes to the financial statements.

# Peyto Exploration & Development Corp.

## Condensed Statement of Cash Flows *(unaudited)*

(Amount in \$ thousands)

	Three months ended September 30		Nine months ended September 30	
	2018	2017	2018	2017
<b>Cash provided by (used in)</b>				
<b>operating activities</b>				
Earnings	29,506	44,818	107,652	125,029
Items not requiring cash:				
Deferred income tax	10,913	16,577	39,817	46,244
Depletion and depreciation	67,052	74,906	220,692	228,681
Accretion of decommissioning provision	880	847	2,481	2,312
Gain on disposition of assets	-	-	-	-
Long term portion of future performance based compensation	10	1,100	102	3,448
Change in non-cash working capital related to operating activities	14,658	4,411	13,176	(13,938)
	<b>123,019</b>	<b>142,659</b>	<b>383,920</b>	<b>391,776</b>
<b>Financing activities</b>				
Issuance of common shares	-	-	-	7,574
Issuance costs	-	-	-	(26)
Cash dividends paid	(29,677)	(54,408)	(97,276)	(163,178)
Decrease in bank debt	(50,000)	30,000	(225,000)	165,000
Issuance of senior unsecured notes	-	-	100,000	-
	<b>(79,677)</b>	<b>(24,408)</b>	<b>(222,276)</b>	<b>9,370</b>
<b>Investing activities</b>				
Additions to property, plant and equipment	(69,716)	(135,187)	(120,148)	(386,799)
Change in prepaid capital	466	(17,050)	(5,157)	(19,879)
Change in non-cash working capital relating to investing activities	25,776	31,311	(40,993)	4,990
	<b>(43,474)</b>	<b>(120,926)</b>	<b>(166,298)</b>	<b>(401,688)</b>
<b>Net decrease in cash</b>	<b>(132)</b>	<b>(2,675)</b>	<b>(4,654)</b>	<b>(542)</b>
<b>Cash, beginning of period</b>	<b>1,130</b>	<b>4,235</b>	<b>5,652</b>	<b>2,102</b>
<b>Cash, end of period</b>	<b>998</b>	<b>1,560</b>	<b>998</b>	<b>1,560</b>

The following amounts are included in cash flows from operating activities:

Cash interest paid	<b>10,143</b>	7,963	<b>35,855</b>	32,991
Cash taxes paid	-	-	-	-

See accompanying notes to the financial statements

**Peyto Exploration & Development Corp.**  
**Notes to Condensed Financial Statements** *(unaudited)*  
**As at September 30, 2018 and 2017**

(Amount in \$ thousands, except as otherwise noted)

**1. Nature of operations**

Peyto Exploration & Development Corp. (“Peyto” or the “Company”) is a Calgary based oil and natural gas company. Peyto conducts exploration, development and production activities in Canada. Peyto is incorporated and domiciled in the Province of Alberta, Canada. The address of its registered office is 300, 600 – 3<sup>rd</sup> Avenue SW, Calgary, Alberta, Canada, T2P 0G5.

These financial statements were approved and authorized for issuance by the Audit Committee of Peyto on November 6, 2018.

**2. Basis of presentation**

The condensed financial statements have been prepared by management and reported in Canadian dollars in accordance with International Accounting Standard (“IAS”) 34, “Interim Financial Reporting”. These condensed financial statements do not include all of the information required for full annual financial statements and should be read in conjunction with the Company’s financial statements as at and for the years ended December 31, 2017 and 2016.

**Significant Accounting Policies**

**(a) Significant Accounting Judgments, Estimates and Assumptions**

The timely preparation of the condensed financial statements requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosures of contingencies, if any, as at the date of the financial statements and the reported amounts of revenue and expenses during the period. By their nature, estimates are subject to measurement uncertainty and changes in such estimates in future years could require a material change in the condensed financial statements.

All accounting policies and methods of computation followed in the preparation of these financial statements are the same as those disclosed in Note 2 of Peyto’s financial statements as at and for the years ended December 31, 2017 and 2016.

**(b) Standards issued but not yet effective**

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 of assets and liabilities for most leases. The standard will come into effect for annual periods beginning on or after January 1, 2019, with earlier adoption permitted. The Company is currently evaluating the impact of the standard on the Company’s financial statements.

**3. Changes in Accounting Policies**

**IFRS 9 "Financial instruments"**

On January 1, 2018, Peyto adopted IFRS 9 "Financial Instruments" as issued by the IASB. IFRS 9 includes a new classification and measurement approach for financial assets and a forward-looking 'expected credit loss' model.

Peyto has revised the description of its accounting policy for financial instruments to reflect the new classification approach as follows:

### *Financial instruments*

On initial recognition, financial instruments are measured at fair value. Measurement in subsequent periods depends on the classification of the financial instrument as described below:

- Fair value through profit or loss: Financial instruments under this classification include cash and derivative assets and liabilities.
- Amortized cost: Financial instruments under this classification include accounts receivable, accounts payable, accrued liabilities, dividends payable, and long-term debt.

The standard also provides a simplified approach to measuring expected credit losses using a lifetime expected loss allowance for all trade receivables and contract assets. The credit loss model groups receivables based on similar credit risk characteristics and days past due in order to estimate bad debts. The adoption of this approach did not result in a material impact to the Peyto's financial statements due to the high credit quality of Peyto's customers.

### **IFRS 15 "Revenue from contracts with customers"**

On January 1, 2018, Peyto adopted IFRS 15 "Revenue from Contracts with Customers". IFRS 15 establishes a comprehensive framework for determining whether, how much, and when revenue from contracts with customers is recognized. Peyto's revenue relates to the sale of natural gas and natural gas liquids to customers at specified delivery points at benchmark prices. Peyto adopted IFRS 15 using the modified retrospective approach. Under this transitional provision, the cumulative effect of initially applying IFRS 15 is recognized on the date of initial application as an adjustment to retained earnings. As a result of applying the requirements of IFRS 15, including the application of certain practical expedients such as the right to invoice method of measuring the Company's progress towards complete satisfaction of its performance obligations, no changes or adjustments to the comparative financial statements were required. Refer to Note 8 for more information including additional disclosures required under IFRS 15.

As a result of this adoption, Peyto has revised the description of its accounting policy for revenue recognition as follows:

Revenue associated with the sale of natural gas and natural gas liquids is measured based on the consideration specified in contracts with customers. Revenue from contracts with customers is recognized when Peyto satisfies a performance obligation by transferring a promised good or service to a customer. A good or service is transferred when the customer obtains control of that good or service. The transfer of control of natural gas and natural gas liquids usually coincides with title passing to the customer and the customer taking physical possession.

Peyto principally satisfies its performance obligations at a point in time. Joint venture partners are not considered customers and therefore processing and gathering recoveries related to joint operations are netted against operating expenses.

#### **4. Property, plant and equipment, net**

##### **Cost**

<b>At December 31, 2017</b>	<b>5,453,072</b>
Additions	120,148
Decommissioning provision additions	(5,671)
Prepaid capital	5,157
<b>At September 30, 2018</b>	<b>5,572,706</b>
Accumulated depletion and depreciation	
<b>At December 31, 2017</b>	<b>(1,868,080)</b>
Depletion and depreciation	(220,692)
<b>At September 30, 2018</b>	<b>(2,088,772)</b>
Carrying amount at December 31, 2017	3,584,992
<b>Carrying amount at September 30, 2018</b>	<b>3,483,934</b>

During the three and nine month periods ended September 30, 2018, Peyto capitalized \$1.0 million and \$1.9 million (2017 - \$2.2 million and \$5.7 million) of general and administrative expense directly attributable to exploration and development activities.

## 5. Long-term debt

	September 30, 2018	December 31, 2017
Current senior unsecured notes	100,000	-
Senior unsecured notes	520,000	520,000
Bank credit facility	540,000	765,000
<b>Balance, end of the period</b>	<b>1,160,000</b>	<b>1,285,000</b>

The Company has a syndicated \$1.3 billion extendible unsecured revolving credit facility with a stated term date of October 13, 2021. The bank facility is made up of a \$40 million working capital sub-tranche and a \$1.26 billion production line. The facilities are available on a revolving basis. Borrowings under the facility bear interest at Canadian bank prime or US base rate, or, at Peyto's option, Canadian dollar bankers' acceptances or US dollar LIBOR loan rates, plus applicable margin and stamping fees. The total stamping fees range between 50 basis points and 215 basis points on Canadian bank prime and US base rate borrowings and between 150 basis points and 315 basis points on Canadian dollar bankers' acceptance and US dollar LIBOR borrowings. The undrawn portion of the facility is subject to a standby fee in the range of 30 to 63 basis points.

Peyto is subject to the following financial covenants as defined in the credit facility and note purchase agreements:

- Long-term debt plus the average working capital deficiency (surplus) at the end of the two most recently completed fiscal quarters adjusted for non-cash items not to exceed 3.0 times trailing twelve month net income before non-cash items, interest and income taxes;
- Long-term debt and subordinated debt plus the average working capital deficiency (surplus) at the end of the two most recently completed fiscal quarters adjusted for non-cash items not to exceed 4.0 times trailing twelve month net income before non-cash items, interest and income taxes;
- Trailing twelve months net income before non-cash items, interest and income taxes to exceed 3.0 times trailing twelve months interest expense;
- Long-term debt and subordinated debt plus the average working capital deficiency (surplus) at the end of the two most recently completed fiscal quarters adjusted for non-cash items not to exceed 55 per cent of the book value of shareholders' equity and long-term debt and subordinated debt.

Peyto is in compliance with all financial covenants at September 30, 2018.

On January 2, 2018, the Company closed an issuance of CDN \$100 million of senior unsecured notes. The notes were issued by way of a private placement, pursuant to a note purchase agreement and a note purchase and private shelf agreement and rank equally with Peyto's obligations under its bank facility and existing note purchase agreements. The notes have a coupon rate of 3.95% and mature on January 2, 2028. Interest will be paid semi-annually in arrears. Proceeds from the notes were used to repay a portion of Peyto's outstanding bank debt.

Outstanding senior notes are as follows:

Senior Unsecured Notes	Date Issued	Rate	Maturity Date
\$100 million	January 3, 2012	4.39%	January 3, 2019
\$120 million	December 4, 2013	4.50%	December 4, 2020
\$50 million	July 3, 2014	3.79%	July 3, 2022
\$50 million	September 6, 2012	4.88%	September 6, 2022
\$100 million	October 24, 2016	3.70%	October 24, 2023
\$100 million	May 1, 2015	4.26%	May 1, 2025
\$100 million	January 2, 2018	3.95%	January 2, 2028

Total interest expense for the three- and nine-month periods ended September 30, 2018 was \$12.8 million and \$39.2 million (2017 - \$12.1 million and \$33.7 million) and the average borrowing rate for the period was 4.3% and 4.2% (2017– 3.9% and 3.8%).

## 6. Decommissioning provision

The following table reconciles the change in decommissioning provision:

<b>Balance, December 31, 2017</b>	<b>143,805</b>
New or increased provisions	3,405
Accretion of decommissioning provision	2,481
Change in discount rate and estimates	(9,076)
<b>Balance, September 30, 2018</b>	<b>140,615</b>
Current	-
Non-current	140,615

Peyto has estimated the net present value of its total decommissioning provision to be \$140.6 million as at September 30, 2018 (\$143.8 million at December 31, 2017) based on a total future undiscounted liability of \$296.7 million (\$289.7 million at December 31, 2017). At September 30, 2018 management estimates that these payments are expected to be made over the next 49 years with the majority of payments being made in years 2046 to 2075. The Bank of Canada's long term bond rate of 2.41 per cent (2.26 per cent at December 31, 2017) and an inflation rate of 2.0 per cent (2.0 per cent at December 31, 2017) were used to calculate the present value of the decommissioning provision.

## 7. Share capital

**Authorized:** Unlimited number of voting common shares

### Issued and Outstanding

	Number of Common Shares	Amount
<b>Common Shares (no par value)</b>		
<b>Balance, December 31, 2017</b>	<b>164,874,175</b>	<b>1,649,537</b>
Common shares issued by private placement	-	-
Common share issuance costs, (net of tax)	-	-
<b>Balance, September 30, 2018</b>	<b>164,874,175</b>	<b>1,649,537</b>

Earnings per common share has been determined based on the following:

	Three Months ended September 30		Nine Months ended September 30	
	2018	2017	2018	2017
Weighted average common shares basic and diluted	<b>164,874,175</b>	164,874,175	<b>164,874,175</b>	164,849,932

### Dividends

During the three- and nine-month periods ended September 30, 2018, Peyto declared and paid dividends of \$0.18 and \$0.54 per common share, totaling \$29.7 million and \$89.0 million respectively (2017 - \$0.33 and \$0.99, totaling \$56.9 million and \$163.2 million respectively).

### Comprehensive income

Comprehensive income consists of earnings and other comprehensive income (“OCI”). OCI comprises the change in the fair value of the effective portion of the derivatives used as hedging items in a cash flow hedge. “Accumulated other comprehensive income” is an equity category comprised of the cumulative amounts of OCI.

### Accumulated hedging gains

Gains and losses from cash flow hedges are accumulated until settled. These outstanding hedging contracts are recognized in earnings on settlement with gains and losses being recognized as a component of net revenue. Further information on these contracts is set out in Note 10.

## 8. Future performance-based compensation

Peyto awards performance based compensation to employees annually. The performance based compensation is comprised of reserve and market value based components.

### Reserve based component

The reserves value based component is 4% of the incremental increase in value, if any, as adjusted to reflect changes in debt, equity, dividends, general and administrative costs and interest, of proved producing reserves calculated using a constant price at December 31 of the current year and a discount rate of 8%.

### Market based component

Under the market based component, rights with a three year vesting period are allocated to employees. The number of rights outstanding at any time is not to exceed 6% of the total number of common shares outstanding. At December 31 of each year, all vested rights are automatically cancelled and, if applicable, paid out in cash. Compensation is calculated as the number of vested rights multiplied by the total of the market appreciation (over the price at the date of grant) and associated dividends of a common share for that period.

The fair values were calculated using a Black-Scholes valuation model. The principal inputs to the option valuation model were:

	September 30, 2018	September 30, 2017
Share price	\$11.13-\$33.80	\$20.40-\$33.80
Exercise price (net of dividend)	\$14.04- \$32.48	\$22.77- \$33.02
Expected volatility	37.4%	28.9%
Option life	0.25 years	0.25 years
Risk-free interest rate	2.19%	1.51%

## 9. Revenue and receivables

	Three Months ended September 30		Nine Months ended September 30	
	2018	2017	2018	2017
Natural Gas Sales	60,740	113,539	214,635	414,548
Natural Gas Liquid sales	51,718	37,839	159,187	115,963
<b>Natural gas and natural gas liquid sales</b>	<b>112,458</b>	<b>151,378</b>	<b>373,822</b>	<b>530,511</b>

	September 30, 2018	December 31, 2017
Accounts receivable from customers	39,834	67,294
Accounts receivable from realized risk management contracts	15,987	10,746
Accounts receivable from joint venture partners and other	9,770	12,202
	<b>65,591</b>	<b>90,242</b>

## 10. Financial instruments

### Financial instrument classification and measurement

Financial instruments of the Company carried on the condensed balance sheet are carried at amortized cost with the exception of cash and financial derivative instruments, specifically fixed price contracts, which are carried at fair value. There are no significant differences between the carrying amount of financial instruments and their estimated fair values as at September 30, 2018.

The Company's areas of financial risk management and risks related to financial instruments remained unchanged from December 31, 2017.

The fair value of the Company's cash and financial derivative instruments are quoted in active markets. The Company classifies the fair value of these transactions according to the following hierarchy.

- Level 1 – quoted prices in active markets for identical financial instruments.
- Level 2 – quoted prices for similar instruments in active markets; quoted prices for identical or similar instruments in markets that are not active; and model-derived valuations in which all significant inputs and value drivers are observable in active markets.
- Level 3 – valuations derived from valuation techniques in which one or more significant inputs or value drivers are unobservable.

The Company's cash and financial derivative instruments have been assessed on the fair value hierarchy described above and classified as Level 1.

### Fair values of financial assets and liabilities

The Company's financial instruments include cash, accounts receivable, financial derivative instruments, due from private placement, current liabilities, provision for future performance-based compensation and long-term debt. At September 30, 2018 cash and financial derivative instruments are carried at fair value. Accounts receivable, current liabilities and provision for future performance-based compensation approximate their fair value due to their short-term nature. The carrying value of the long-term debt approximates its fair value due to the floating rate of interest charged under the credit facility.

### Commodity price risk management

Peyto uses derivative instruments to reduce its exposure to fluctuations in commodity prices. Peyto considers all of these transactions to be effective economic hedges for accounting purposes.

Following is a summary of all risk management contracts in place as at September 30, 2018:

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<b>Natural Gas</b>			<b>Price</b>
<b>Period Hedged- Monthly Index</b>	<b>Type</b>	<b>Daily Volume</b>	<b>(AECO CAD)</b>
April 1, 2016 to October 31, 2018	Fixed Price	35,000 GJ	\$2.10/GJ to \$2.60/GJ
May 1, 2016 to October 31, 2018	Fixed Price	20,000 GJ	\$2.20/GJ to \$2.35/GJ
July 1, 2016 to October 31, 2018	Fixed Price	20,000 GJ	\$2.28/GJ to \$2.45/GJ
August 1, 2016 to October 31, 2018	Fixed Price	25,000 GJ	\$2.3175/GJ to \$2.5525/GJ
April 1, 2017 to October 31, 2018	Fixed Price	10,000 GJ	\$2.585/GJ to \$2.745/GJ
November 1, 2017 to October 31, 2018	Fixed Price	5,000 GJ	\$2.92/GJ
January 1, 2018 to December 31, 2020	Fixed Price	20,000 GJ	\$2.00/GJ to \$2.040/GJ
April 1, 2018 to October 31, 2018	Fixed Price	105,000 GJ	\$1.30/GJ to \$2.565/GJ
April 1, 2018 to March 31, 2019	Fixed Price	185,000 GJ	\$1.54/GJ to \$2.625/GJ
April 1, 2018 to March 31, 2020	Fixed Price	10,000 GJ	\$1.43/GJ to \$1.44/GJ
November 1, 2018 to March 31, 2019	Fixed Price	90,000 GJ	\$1.75/GJ to \$1.9525/GJ
November 1, 2018 to March 31, 2020	Fixed Price	5,000 GJ	\$1.5725/GJ
April 1, 2019 to October 31, 2019	Fixed Price	50,000 GJ	\$1.29/GJ to \$1.45/GJ
April 1, 2019 to March 31, 2020	Fixed Price	80,000 GJ	\$1.45/GJ to \$2.50/GJ
November 1, 2019 to March 31, 2020	Fixed Price	30,000 GJ	\$1.915/GJ to \$2.05/GJ

April 1, 2020 to October 31, 2020	Fixed Price	15,000 GJ	\$1.30/GJ
April 1, 2020 to March 31, 2021	Fixed Price	10,000 GJ	\$1.64/GJ to \$1.653/GJ
April 1, 2021 to October 31, 2021	Fixed Price	10,000 GJ	\$1.48/GJ to \$1.64/GJ

<b>Natural Gas</b>			<b>Price</b>
<b>Period Hedged – Daily Index</b>	<b>Type</b>	<b>Daily Volume</b>	<b>(AECO CAD)</b>
April 1, 2018 to October 31, 2018	Fixed Price	15,000 GJ	\$1.54/GJ to \$1.63/GJ
April 1, 2018 to March 31, 2019	Fixed Price	40,000 GJ	\$1.40/GJ to \$1.67/GJ

<b>Propane</b>			<b>Price</b>
<b>Period Hedged</b>	<b>Type</b>	<b>Daily Volume</b>	<b>(Conway USD)</b>
June 1, 2018 to October 31, 2018	Fixed Price	600 bbl	\$32.34/bbl to \$32.865/bbl

<b>Crude Oil</b>			<b>Price</b>
<b>Period Hedged</b>	<b>Type</b>	<b>Daily Volume</b>	<b>(WTI CAD)</b>
July 1, 2018 to December 31, 2018	Fixed Price	300 bbl	\$84.03/bbl to \$90.00/bbl
July 1, 2018 to June 30, 2019	Fixed Price	400 bbl	\$85.34/bbl to \$88.05/bbl
August 1, 2018 to July 31, 2019	Fixed Price	600 bbl	\$81.90/bbl to \$89.25/bbl
September 1, 2018 to August 31, 2019	Fixed Price	400 bbl	\$85.00/bbl to \$87.66/bbl
October 1, 2018 to September 30, 2019	Fixed Price	500 bbl	\$85.00/bbl to \$87.05/bbl
November 1, 2018 to October 31, 2019	Fixed Price	500 bbl	\$87.25/bbl to \$92.00/bbl

As at September 30, 2018, Peyto had committed to the future sale of 158,115,000 gigajoules (GJ) of natural gas at an average price of \$1.87 per GJ or \$2.15 per mcf, 18,600 barrels (bbl) of propane at an average price of \$32.52 USD per bbl, and 818,200 bbl of crude at an average price of \$86.64 per bbl. Had these contracts been closed on September 30, 2018, Peyto would have realized a net gain in the amount of \$21.8 million. If the AECO gas price on September 30, 2018 were to decrease by \$0.10/GJ, the financial derivative asset would decrease by approximately \$15.8 million. An opposite change in commodity prices rates would result in an opposite impact.

Subsequent to September 30, 2018 Peyto entered into the following contracts:

<b>Natural Gas</b>			<b>Price</b>
<b>Period Hedged</b>	<b>Type</b>	<b>Daily Volume</b>	<b>(AECO CAD)</b>
November 1, 2019 to March 31, 2020	Fixed Price	20,000 GJ	\$2.005/GJ to 2.05/GJ

<b>Crude Oil</b>			<b>Price</b>
<b>Period Hedged</b>	<b>Type</b>	<b>Daily Volume</b>	<b>(WTI CAD)</b>
November 1, 2018 to December 31, 2019	Fixed Price	300 bbl	\$88.00/bbl to \$94.15/bbl

## 11. Related party transactions

Certain directors of Peyto are considered to have significant influence over other reporting entities that Peyto engages in transactions with. Such services are provided in the normal course of business and at market rates. These directors are not involved in the day to day operational decision making of the Company. The dollar value of the transactions between Peyto and the related reporting entities is summarized below:

<b>Expense</b>				<b>Accounts Payable</b>	
<b>Three Months ended September 30</b>		<b>Nine Months ended September 30</b>		<b>As at September 30</b>	
<b>2018</b>	<b>2017</b>	<b>2018</b>	<b>2017</b>	<b>2018</b>	<b>2017</b>
<b>155.6</b>	244.7	<b>432.8</b>	460.4	<b>387.9</b>	477.1

## 12. Commitments

In addition to those recorded on the Company's balance sheet, the following is a summary of Peyto's contractual obligations and commitments as at September 30, 2018:

	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>Thereafter</b>
Interest payments <sup>(1)</sup>	6,680	23,840	21,645	16,245	16,245	36,075
Transportation commitments	12,783	53,300	41,374	32,007	28,198	254,529
Operating leases	561	2,242	2,242	2,242	2,317	9,269
Methanol	-	4,819	-	-	-	-
<b>Total</b>	<b>20,024</b>	<b>84,201</b>	<b>65,261</b>	<b>50,494</b>	<b>46,760</b>	<b>299,873</b>

<sup>(1)</sup> Fixed interest payments on senior unsecured notes

**Officers**

Darren Gee  
President and Chief Executive Officer

Scott Robinson  
Executive Vice President New Ventures & Director

Kathy Turgeon  
Vice President, Finance and Chief Financial Officer

Lee Curran  
Vice President, Drilling and Completions

Todd Burdick  
Vice President, Production

Tim Louie  
Vice President, Land

David Thomas  
Vice President, Exploration

Jean-Paul Lachance  
Vice President, Engineering & COO

Stephen Chetner  
Corporate Secretary

**Directors**

Don Gray, Chairman  
Stephen Chetner  
Brian Davis  
Michael MacBean, Lead Independent Director  
Darren Gee  
Gregory Fletcher  
Kathy Turgeon

**Auditors**

Deloitte LLP

**Solicitors**

Burnet, Duckworth & Palmer LLP

**Bankers**

Bank of Montreal  
MUFG Bank, Ltd., Canada Branch  
Royal Bank of Canada  
Canadian Imperial Bank of Commerce  
The Toronto-Dominion Bank  
Bank of Nova Scotia  
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