# MANAGEMENT'S REPORT

The consolidated financial statements of Questerre Energy Corporation were prepared by management in accordance with International Financial Reporting Standards. The financial and operating information presented in this annual report is consistent with that shown in the consolidated financial statements.

Management has designed and maintains a system of internal accounting controls that provide reasonable assurance that all transactions are accurately recorded, that the financial statements reliably report the Company's operations and that the Company's assets are safeguarded. Timely release of financial information sometimes necessitates the use of estimates when transactions affecting the current accounting period cannot be finalized until future periods. Such estimates are based on careful judgments made by management.

PricewaterhouseCoopers LLP, an independent firm of Chartered Professional Accountants, was appointed by a resolution of the shareholders to audit the consolidated financial statements of the Company and provide an independent opinion. They have conducted an independent examination of the Company's accounting records in order to express their opinion on the consolidated financial statements.

The Board of Directors is responsible for ensuring that management fulfills its responsibilities for financial reporting and internal control. The Board of Directors exercises this responsibility through its Audit Committee. The Audit Committee, which consists of non-management directors, has met with PricewaterhouseCoopers LLP and management in order to determine that management has fulfilled its responsibilities in the preparation of the consolidated financial statements. The Audit Committee has reported its findings to the Board of Directors, who have approved the consolidated financial statements.

Michael Binnion

President and Chief Executive Officer

Jason D'Silva

Chief Financial Officer

Calgary, Alberta, Canada

March 28, 2019

# INDEPENDENT AUDITOR'S REPORT

#### To the Shareholders of Questerre Energy Corporation

#### **Our Opinion**

In our opinion, the accompanying consolidated financial statements present fairly, in all material respects, the financial position of Questerre Energy Corporation and its subsidiaries (together, the Company) as at December 31, 2018 and 2017, and its financial performance and its cash flows for the years then ended in accordance with International Financial Reporting Standards (IFRS).

#### What we have audited

The Company's consolidated financial statements comprise:

- the consolidated balance sheets as at December 31, 2018 and 2017;
- the consolidated statements of net income (loss) and comprehensive income (loss) for the years then ended;
- · the consolidated statements of changes in equity for the years then ended;
- the consolidated statements of cash flows for the years then ended; and
- the notes to the consolidated financial statements, which include a summary of significant accounting policies.

#### **Basis for Opinion**

We conducted our audit in accordance with Canadian generally accepted auditing standards. Our responsibilities under those standards are further described in the *Auditor's responsibilities for the audit of the consolidated financial statements* section of our report.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

#### Independence

We are independent of the Company in accordance with the ethical requirements that are relevant to our audit of the consolidated financial statements in Canada. We have fulfilled our other ethical responsibilities in accordance with these requirements.

#### Other Information

Management is responsible for the other information. The other information comprises the Management's Discussion and Analysis and the information, other than the consolidated financial statements and our auditor's report thereon, included in the annual report.

Our opinion on the consolidated financial statements does not cover the other information and we do not express any form of assurance conclusion thereon.

In connection with our audit of the consolidated financial statements, our responsibility is to read the other information identified above and, in doing so, consider whether the other information is materially inconsistent with the consolidated financial statements or our knowledge obtained in the audit, or otherwise appears to be materially misstated.

If, based on the work we have performed, we conclude that there is a material misstatement of this other information, we are required to report that fact. We have nothing to report in this regard.

# Responsibilities of management and those charged with governance for the consolidated financial statements

Management is responsible for the preparation and fair presentation of these consolidated financial statements in accordance with IFRS, and for such internal control as management determines is necessary to enable the preparation of consolidated financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the consolidated financial statements, management is responsible for assessing the Company's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Company or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Company's financial reporting process.

# Auditor's responsibilities for the audit of the consolidated financial statements

Our objectives are to obtain reasonable assurance about whether the consolidated financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with Canadian generally accepted auditing standards will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these consolidated financial statements.

As part of an audit in accordance with Canadian generally accepted auditing standards, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the consolidated financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.
- Conclude on the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Company's ability to

continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the consolidated financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Company to cease to continue as a going concern.

- Evaluate the overall presentation, structure and content of the consolidated financial statements, including the disclosures, and whether the consolidated financial statements represent the underlying transactions and events in a manner that achieves fair presentation.
- Obtain sufficient appropriate audit evidence regarding the financial information of the entities
  or business activities within the Company to express an opinion on the consolidated financial
  statements. We are responsible for the direction, supervision and performance of the group
  audit. We remain solely responsible for our audit opinion.

We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

We also provide those charged with governance with a statement that we have complied with relevant ethical requirements regarding independence, and to communicate with them all relationships and other matters that may reasonably be thought to bear on our independence, and where applicable, related safeguards.

The engagement partner on the audit resulting in this independent auditor's report is Alisa Sorochan.

(signed) PricewaterhouseCoopers LLP

**Chartered Professional Accountants** 

Calgary, Alberta

March 28, 2019

# CONSOLIDATED BALANCE SHEETS

		Dec	December 31,		cember 31,
(\$ thousands)	Note		2018		2017
Assets					
Current Assets					
Cash and cash equivalents	5	\$	19,208	\$	35,836
Accounts receivable	6		1,918		3,780
Deposits and prepaid expenses			2,141		556
			23,267		40,172
Investments	7		287		9,109
Property, plant and equipment	8		142,564		98,893
Exploration and evaluation assets	9		58,092		53,675
Goodwill			2,346		2,346
Deferred tax assets	10		6,816		13,019
		\$	233,372	\$	217,214
Liabilities					
Current Liabilities					
Accounts payable and accrued liabilities		\$	18,503	\$	16,623
Credit Facilities	13		13,842		13,901
			32,345		30,524
Other Liability	20		_		3,487
Asset retirement obligation	12		13,736		12,465
			46,081		46,476
Shareholders' Equity					
Share capital	14		415,747		414,995
Contributed surplus			19,772		18,171
Accumulated other comprehensive income			10		(724
Deficit			(248,238)		(261,704
			187,291		170,738
		\$	233,372	\$	217,214

Commitments (note 19)

The notes are an integral part of these consolidated financial statements.

Signed on behalf of the Board of Directors

Dennis Sykora

Disk

Director

Bjorn Inge Tonnessen

Director

# CONSOLIDATED STATEMENTS OF NET INCOME (LOSS) AND COMPREHENSIVE INCOME (LOSS)

	For the year ended Decem			ember 31,	
(\$ thousands, except per share amounts)	Note		2018		2017
Revenue					
Petroleum and natural gas sales	15	\$	32,969	\$	21,361
Royalties			(1,885)		(1,093)
Petroleum and natural gas revenue, net of royalties			31,084		20,268
Expenses					
Direct operating			11,659		10,030
General and administrative			4,432		3,143
Depletion, depreciation and accretion	8,12		12,013		9,896
Loss on equity investment	7		9,334		3,450
Gain on Red Leaf investment	7		_		(2,610)
Gain on disposition of assets			(213)		(3,657)
Impairment (recovery) of assets	8,9		(28,024)		12,303
Lease expiries	8,9		1,565		7,122
Gain on risk management contracts	6		_		(1,049)
Share based compensation	11		712		411
Interest expense			609		769
Other & interest income			(585)		(247)
Income (loss) before taxes			19,582		(19,293)
Deferred tax expense	10		6,116		5,528
Net income (loss)			13,466		(24,821)
Other Comprehensive Income (Less) Not of Toy					
Other Comprehensive Income (Loss), Net of Tax  Items that may be reclassified subsequently to profit or I	locc:				
Gain (loss) on foreign exchange	033. 7		421		(740)
Foreign currency translation adjustment	,		313		(122)
1 oreign currency translation adjustment			313		(122)
Reclass to net loss on write-down of investments	7				
			734		(862
Total Comprehensive Income (Loss)		\$	14,200	\$	(25,683)
Net income (loss) per Share					
Basic and diluted	14	\$	0.03	\$	(0.07)

The notes are an integral part of these consolidated financial statements.

# CONSOLIDATED STATEMENTS OF CHANGES IN EQUITY

	For the year ended December 31				
(\$ thousands)		2018		2017	
Share Capital					
Balance, beginning of year	\$	414,995	\$	359,151	
Private Placements		_		55,988	
Warrants exercised		713		1,912	
Options exercised		47		29	
Share issue costs (net of tax)		(8)		(2,085)	
Balance, end of year		415,747		414,995	
Contributed Surplus					
Balance, beginning of year		18,171		17,254	
Share based compensation		1,601		917	
Balance, end of year		19,772		18,171	
Accumulated Other Comprehensive Income (Loss)					
Balance, beginning of year		(724)		138	
Other comprehensive income (loss)		734		(862)	
Balance, end of year		10		(724)	
Deficit					
Balance, beginning of year		(261,704)		(236,883)	
Net income (loss)		13,466		(24,821)	
Balance, end of year		(248,238)		(261,704)	
Total Shareholders' Equity	\$	187,291	\$	170,738	

The notes are an integral part of these consolidated financial statements.

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# CONSOLIDATED STATEMENTS OF CASH FLOWS

	For the years ended Decembe				cember 31,
(\$ thousands)	Note		2018		2017
Operating Activities					
Net income (loss)		\$	13,466	\$	(24,821)
Adjustments for:					
Depletion, depreciation and accretion	8,12		12,013		9,896
Gain on Red Leaf investment			-		(2,610)
Gain on disposition of assets			(213)		(3,657)
Impairment (recovery) of assets	8,9		(28,024)		12,303
Lease expiries	8,9		1,565		7,122
Loss on equity investment	7		9,334		3,450
Unrealized gain on risk management contracts			_		(1,117)
Share based compensation	11		712		411
Deferred tax expense	10		6,116		5,528
Interest expense			608		769
Interest income			(544)		(170)
Other items not involving cash			313		(122)
Abandonment expenditures	12		(133)		(201
Adjusted funds flow from operations			15,213		6,781
interest expense			544		154
Interest income			(593)		(769)
Change in non-cash working capital	18		(2,073)		8,495
Net cash from operating activities			13,091		14,661
Investing Activities					
Property, plant and equipment expenditures	8		(12,996)		(7,935
Exploration and evaluation expenditures	9		(17,981)		(17,326)
Purchase of investment	7		_		(10,330)
Acquisition of plant, property and equipment	8		(125)		(6,935)
Sale of exploration and evaluation assets			_		4,450
Change in non-cash working capital	18		690		4,892
Net cash used in investing activities			(30,412)		(33,184
Financing Activities					
Proceeds from issue of share capital			760		57,928
Increase in credit facilities			47,953		30,880
Repayment of credit facilities			(48,012)		(39,867
Share issue costs			(8)		(2,857
Net cash from financing activities			693		46,084
Change in cash and cash equivalents			(16,628)		27,561
Cash and cash equivalents, beginning of year			35,836		8,275
Cash and cash equivalents, end of year		\$	19,208	\$	35,836

The notes are an integral part of these consolidated financial statements.

#### NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

For the years ended December 31, 2018 and 2017

# 1. Reporting Entity

Questerre Energy Corporation ("Questerre" or the "Company") is actively involved in the acquisition, exploration and development of oil and gas projects, specifically, non-conventional projects such as tight oil, oil shale, shale oil and shale gas. The consolidated financial statements of the Company as at and for the years ended December 31, 2018 and 2017 comprise the Company and its whollyowned subsidiaries in those periods owned. The Company wholly owns Questerre Energy Corporation/Jordan, which holds interests in the oil shale assets in Jordan.

Questerre is incorporated under the laws of the Province of Alberta and is domiciled in Canada. The address of its registered office is 1650, 801 Sixth Avenue SW, Calgary, Alberta.

# 2. Basis of Preparation

#### a) Statement of compliance

The Company prepares its consolidated financial statements in accordance with International Financial Reporting Standards ("IFRS") as issued by the International Accounting Standards Boards ("IASB"). The policies applied in these consolidated financial statements are based on IFRS issued and outstanding as at March 28, 2019, the date the Board of Directors approved the statements.

#### b) Basis of measurement

The consolidated financial statements have been prepared on the historical cost basis except for financial assets classified as fair value through profit and loss which are measured at fair value with changes in fair value recorded in profit or loss and changes due to foreign exchange recorded through other comprehensive income or loss as disclosed in Note 3.

#### c) Functional and presentation currency

These consolidated financial statements are presented in Canadian dollars, which is the Company's functional currency. The Company has a wholly-owned subsidiary with a functional currency of the Jordanian Dinar.

## d) Jointly controlled assets

The Company conducts many of its oil and gas production activities through jointly controlled operations. Interests in joint arrangements are classified as either joint operations or joint ventures, depending on the rights and obligations of the parties to the arrangement. Joint operations arise when the Company has rights to the assets and obligations for the liabilities of the arrangement. The Company recognizes its share of assets, liabilities, revenues and expenses of a joint operation. Joint ventures arise when the Company has rights to the net assets of the arrangement. Joint ventures are accounted for under the equity method.

#### e) Use of estimates and judgments

The preparation of consolidated financial statements requires management to make judgments, estimates and assumptions that affect the application of accounting policies and the reported amounts of assets, liabilities, income and expenses. Actual results may differ from these estimates. These

estimates and judgments have risk of causing a material adjustment to the carrying amounts of assets and liabilities within the next financial year.

Estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognized in the year in which the estimates are revised and in any future years affected.

# Petroleum and natural gas reserves

All of Questerre's petroleum and natural gas reserves are evaluated and reported on by independent reserve engineers in accordance with the COGE Handbook and Canadian Securities Administrators' National Instrument 51-101 *Standards of Disclosure for Oil and Gas Activities*. The estimation of reserves and resources is a subjective process. Forecasts are based on engineering data, projected future rates of production, commodity prices and the timing of future expenditures, all of which are subject to numerous uncertainties and various interpretations. The Company expects that its estimates of reserves will change to reflect updated information. Reserve estimates can be revised upward or downward based on the results of future drilling, testing, production levels and changes in costs and commodity prices. These estimates are evaluated by independent reserve engineers at least annually.

Proven and probable reserves are estimated using independent reserve engineer reports and represent the estimated quantities of crude oil, natural gas and natural gas liquids which geological, geophysical and engineering data demonstrate with a specified degree of certainty to be recoverable in future years from known reservoirs and which are considered commercially producible. If probabilistic methods are used, there should be at least a 50 percent probability that the quantities actually recovered will equal or exceed the estimated proved plus probable reserves and there should be at least a 90 percent probability that the quantities actually recovered will equal or exceed the estimated proved reserves.

Reserve estimates impact a number of areas, in particular, the valuation of property, plant and equipment, exploration and evaluation assets and the calculation of depletion.

Refer to Note 8 & 9 for carrying amounts of property, plant and equipment, exploration and evaluation assets.

# Cash generating units ("CGU")

A CGU is defined as the lowest grouping of assets that generate identifiable cash inflows that are largely independent of the cash inflows of other assets or groups of assets. The allocation of assets into CGUs requires significant judgment and interpretations. Factors considered in the classification include geography and the manner in which management monitors and makes decisions about its operations.

Refer to Note 8 for carrying amounts of property, plant and equipment.

#### Impairment of property, plant and equipment, exploration and evaluation and goodwill

The Company assesses its oil and gas properties, including exploration and evaluation assets, for possible impairment or reversal of previously recognized impairments if there are events or changes in circumstances that indicate that carrying values of the assets may not be recoverable or indications that previously recognized losses should be reversed. Determining if there are facts and circumstances

present that indicate that carrying values of the assets may not be recoverable requires management's judgment and analysis of the facts and circumstances.

The recoverable amounts of CGUs have been determined based on the higher of value in use ("VIU") and the fair value less costs of disposal ("FVLCD"). The key assumptions the Company uses in estimating future cash flows for recoverable amounts are anticipated future commodity prices, expected production volumes, the discount rate, future operating and development costs and recent land transactions. Changes to these assumptions will affect the recoverable amounts of CGUs and may require a material adjustment to their related carrying value.

Goodwill is the excess of the purchase price paid over the fair value of the net assets acquired. Since goodwill results from purchase accounting, it is imprecise and requires judgment in the determination of the fair value of assets and liabilities. Goodwill is assessed for impairment at an operating segment level based on the recoverable amount for each CGU of the Company. Therefore, impairment of goodwill uses the same key judgments and assumptions noted above for impairment of assets.

# Asset retirement obligation

Determination of the Company's asset retirement obligation is based on internal estimates using current costs and technology in accordance with existing legislation and industry practice and must also estimate timing, a risk-free rate and inflation rate in the calculation. These estimates are subject to change over time and, as such, may impact the charge against profit or loss. The amount recognized is the present value of estimated future expenditures required to settle the obligation using a risk-free rate. The associated abandonment and retirement costs are capitalized as part of the carrying amount of the related asset. The capitalized amount is depleted on a unit of production basis in accordance with the Company's depletion policy. Changes to assumptions related to future expected costs, risk-free rates and timing may have a material impact on the amounts presented.

Refer to Note 12 for the carrying amounts related to the asset retirement obligation.

#### Share based compensation

The Company has a stock option plan enabling employees, officers and directors to receive Class "A" Common voting shares ("Common Shares") or cash at exercise prices equal to the market price or above on the date the option is granted. The Company does not intend to cash settle these options in future periods. Under the equity settled method, compensation costs attributable to stock options granted to employees, officers or directors are measured at fair value using the Black-Scholes option pricing model. The assumptions used in the calculation are: the volatility of the stock price, risk-free rates of return and the expected lives of the options. A forfeiture rate is estimated on the grant date and is adjusted to reflect the actual number of options that vest. Changes to assumptions may have a material impact on the amounts presented.

For further detail on carrying amounts and assumptions refer to Note 11.

#### Income tax accounting

Deferred tax assets are recognized when it is considered probable that deductible temporary differences will be recovered in the foreseeable future. To the extent that future taxable income and the application of existing tax laws in each jurisdiction differ significantly from the Company's estimate, the ability of the Company to realize the deferred tax assets could be impacted.

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

Refer to Note 10 for the carrying amounts related to deferred taxes.

#### Investment in Red Leaf Resources

Questerre holds investments in certain private companies including its investment in Red Leaf Resources Inc. ("Red Leaf"). For the purposes of testing for impairment, the Company measures the fair market value of Red Leaf by valuation techniques such as net asset value analysis. Considerable judgment is required in measuring the fair value of the Company's investment in Red Leaf, which may result in material adjustments to its related carrying value.

The Company uses the equity method of accounting to reflect its ownership in Red Leaf. Under the equity method, the Company's initial and subsequent investments are recognized at cost and subsequently adjusted for the Company's share of Red Leaf's income or loss, less distributions received. The Company is deemed to have significant influence in Red Leaf on the basis that it holds more than 20% of the voting power and the ability to participate in the decision making process of Red Leaf through its current Board representation.

Refer to Note 7 for the carrying amounts related to the Company's investment in Red Leaf.

# 3. Significant Accounting Policies

The accounting policies set out below have been applied consistently to all periods presented in these consolidated financial statements.

#### a) Basis of consolidation

#### Subsidiaries

Subsidiaries are entities controlled by the Company. Control exists when the Company has the power to govern the financial and operating policies of an entity so as to obtain benefits from its activities. In assessing control, potential voting rights that currently are exercisable are taken into account.

The acquisition method of accounting is used to account for business combinations that meet the definition of a business under IFRS. The cost of an acquisition is measured as the fair value of the assets given, equity instruments issued and liabilities incurred or assumed at the date of exchange. Identifiable assets acquired and liabilities and contingent liabilities assumed in a business combination are measured initially at their fair values at the acquisition date. Contingent consideration is included in the cost of acquisitions at fair value. Directly attributable transaction costs are expensed in the current period and reported within general and administrative expenses. The excess of the cost of acquisition over the fair value of the identifiable assets, liabilities and contingent liabilities acquired is recorded as goodwill. If the cost of the acquisition is less than the fair value of the net assets acquired, the difference is recognized immediately in profit or loss.

# Transactions eliminated on consolidation

Intercompany balances and transactions, and any unrealized income and expenses arising from intercompany transactions, are eliminated in preparing the consolidated financial statements.

#### b) Financial instruments

Financial assets and liabilities are recognized when the Company becomes a party to the contractual provisions of the instrument. Financial assets are derecognized when the rights to receive cash flows from the assets have expired or have been transferred and the Company has transferred substantially all risks and rewards of ownership. Financial liabilities are derecognized when the obligation specified in the contract is discharged, cancelled or expires.

Financial assets and liabilities are offset and the net amount is reported in the balance sheet when there is a legally enforceable right to offset the recognized amounts and there is an intention to settle on a net basis, or realize the asset and settle the liability simultaneously.

The Company classifies its financial instruments in the following categories, at initial recognition, depending on the purpose for which the instruments were acquired.

# Financial assets and liabilities at fair value through profit or loss

A financial asset or liability is classified in this category if it is held for trading. Derivatives are also included in this category unless they are designated as hedges. The Company has designated its risk management contracts in this category.

#### Financial assets at amortized cost

Financial assets at amortized cost are non-derivative financial assets with fixed or determinable payments that are not quoted in an active market. These assets are included in current assets due to their short-term nature. They are recognized initially at the amount expected to be received, less, when material, a discount to reduce to fair value. Subsequently, they are measured at amortized cost using the effective interest method less a provision for impairment.

Cash and cash equivalents include deposits held with banks, less outstanding cheques and short-term deposits with original maturities of one year or less.

## Financial liabilities at amortized cost

Financial liabilities at amortized cost comprise credit facilities and accounts payable and accrued liabilities. Financial liabilities are initially recognized at the amount required to be paid, less, when material, a discount to reduce the payables to fair value. Subsequently, financial liabilities are measured at amortized cost using the effective interest method.

Financial liabilities are classified as current liabilities if payment is due within twelve months.

#### c) Share capital

Common Shares are classified as equity. Incremental costs directly attributable to the issue of Common Shares are recognized as a deduction from equity, net of any tax effects.

# d) Property, plant and equipment and exploration and evaluation assets

# Recognition and measurement

# Exploration and evaluation expenditures

Costs incurred prior to acquiring the legal rights to explore an area are recognized as exploration and evaluation expense in profit or loss.

Exploration and evaluation costs, including the costs of acquiring licenses, exploratory well expenditures, costs to evaluate the commercial potential of underlying resources and directly attributable general and administrative costs, are capitalized as exploration and evaluation assets. The costs are accumulated in cost centres by exploration area pending determination of technical feasibility and commercial viability. Gains and losses on exploration and evaluation assets are recognized on disposal through the income statement.

Exploration and evaluation assets are assessed for impairment if (i) sufficient data exists to determine technical feasibility and commercial viability, or (ii) facts and circumstances suggest that the carrying amount exceeds the recoverable amount.

The technical feasibility and commercial viability of extracting a mineral resource is considered to be determinable based on several factors including the assignment of reserves. A review of each exploration license or field is carried out, at each reporting date, to ascertain whether technical feasibility and commercial viability has been achieved. Upon determination of technical feasibility and commercial viability, intangible exploration and evaluation assets attributable to those reserves are first tested for impairment and then reclassified from exploration and evaluation assets to property, plant and equipment.

Every reporting period, the Company evaluates individually significant exploration and evaluation wells for impairment, if there are specific impairment indicators evident at the well level. If technical feasibility and commercial viability of the well is not established, the well costs are written off. For insignificant wells, overall exploration and evaluation well indicators are evaluated. If there are indicators of impairment, the wells are tested for impairment at the CGU level.

#### Development and production costs

Items of property, plant and equipment, which include oil and gas development and production assets, are measured at cost less accumulated depletion and depreciation and accumulated impairment losses. Cost includes all costs required to acquire developed or producing oil and gas properties and to develop oil and gas properties. Development and production assets are grouped into CGUs for impairment testing.

Gains and losses on disposal of an item of property, plant and equipment, including oil and natural gas interests, are determined by comparing the proceeds from disposal with the carrying amount of the property, plant and equipment and are recognized net within gain (loss) on divestures in profit or loss.

Exchanges of properties are measured at fair value, unless the transaction lacks commercial substance or fair value cannot be reliably measured. When the exchange is at fair value, a gain or loss is recognized in profit or loss.

#### **Business Combinations**

Business combinations are accounted for using the acquisition method of accounting. The determination of fair value often requires management to make assumptions and estimates about future events. The assumptions and estimates with respect to determining the fair value of exploration and evaluation assets and property, plant and equipment acquired generally require the most judgment and include estimates of reserves acquired, forecast benchmark commodity prices and discount rates.

Assumptions are also required to determine the fair value of decommissioning obligations associated with the properties. Changes in any of these assumptions or estimates used in determining the fair value of acquired assets and liabilities could impact the amounts assigned to assets, liabilities and goodwill (or gain from a bargain purchase) in the acquisition equation. Future profit (loss) can be affected as a result of changes in future depletion and depreciation or impairment.

# Other property, plant and equipment

Expenditures related to work-overs or betterments that improve the productive capacity or extend the life of an asset are capitalized. The carrying amount of any replaced or sold component is derecognized. The costs of the day-to-day servicing of property, plant and equipment are recognized in profit or loss as incurred.

# Depletion and depreciation

The net carrying value of development and production assets is depleted using the unit of production method based on estimated proven and probable reserves, taking into account estimated future development costs necessary to bring those reserves into production. These estimates are evaluated by independent reserve engineers at least annually.

For other assets, depreciation is recognized in profit or loss on a straight-line basis over the respective useful lives.

Depreciation methods and useful lives are reviewed at each reporting date.

#### e) Goodwill

Goodwill arises on the acquisition of businesses, subsidiaries, associates and joint ventures. Goodwill is measured at cost less accumulated impairment losses. Goodwill is not amortized.

# f) Impairment

# Non-financial assets

The carrying amounts of the Company's non-financial assets, other than deferred tax assets, are reviewed at each reporting date to determine whether there is any indication of impairment. If any such indication exists, then the asset's recoverable amount is estimated and compared to the carrying amount. For goodwill an impairment test is completed each year, or when any indication of impairment exists.

For the purpose of impairment testing, assets are grouped together into CGUs. Goodwill, for the purpose of impairment testing, is assessed for impairment on an operating segment basis. The Company has one operating segment, which is Canada. Exploration and evaluation assets are allocated to related CGUs when they are assessed for impairment, both at the time of any triggering facts and circumstances as well as upon their reclassification to producing assets.

The recoverable amount of an asset or a CGU is the greater of its VIU and FVLCD. FVLCD is determined using discounted future cash flows of proved and probable reserves using an after tax discount rate for FVLCD. In determining FVLCD, recent market transactions are taken into account, if available. In the absence of such transactions, the discounted cash flow model is used. In assessing VIU, the estimated future cash flows are discounted to their present value using a pre-tax discount

rate that reflects current market assessments of the time value of money and the risks specific to the asset.

An impairment loss is recognized if the carrying amount of an asset or its CGU exceeds its estimated recoverable amount. Impairment losses are recognized in profit or loss. Impairment losses recognized in respect of CGUs are allocated first to reduce the carrying amount of any goodwill allocated to the units and then to reduce the carrying amounts of the other assets in the unit (group of units) on a pro rata basis.

An impairment loss in respect of goodwill is not reversed. In respect of other assets, impairment losses recognized in prior years are assessed at each reporting date for any indications that the loss has decreased or no longer exists. An impairment loss is reversed if there has been a change in the estimates used to determine the recoverable amount. An impairment loss is reversed only to the extent that the asset's carrying amount does not exceed the carrying amount that would have been determined, net of depletion and depreciation or amortization, if no impairment loss had been recognized. Impairment reversals are recognized in profit or loss.

# Impairment of Financial assets

Questerre applies the simplified approach to providing for expected credit losses prescribed by IFRS 9 *Financial Instruments* ("IFRS 9") which permits the use of the lifetime expected loss provision for all trade receivables carried at amortized costs.

At each reporting date, the Company measures the lifetime expected loss provision taking into consideration Questerre's historical credit loss experience as well as forward-looking information in order to establish loss rates. The impairment loss (or reversal) is the amount of expected credit losses that is required to adjust the loss allowance at the reporting date to the amount that is required to be recognized. Also refer to Note 4 for Changes in Accounting Polices and Disclosures in 2018.

#### Share based compensation

The Company has issued options to directors, officers and employees.

In December 2015, the Company changed the accounting for its stock-based compensation awards to assume that options will be equity-settled instead of cash-settled. The change was made to reflect the settlement history of the options and the Company's intent to only settle options in equity in the future. Under the equity settled method, compensation costs attributable to stock options granted to employees, officers or directors are measured at fair value at the grant date and expensed over the vesting period with a corresponding increase to contributed surplus. The exercise of stock options is recorded as an increase in Common Shares with a corresponding reduction in contributed surplus. A forfeiture rate is estimated on the grant date and is adjusted to reflect the actual number of options that vest.

#### g) Provisions

A provision is recognized if, as a result of a past event, the Company has a present legal or constructive obligation that can be estimated reliably, and it is probable that an outflow of economic benefits will be required to settle the obligation. Provisions are determined by discounting the expected future cash flows at a pre-tax rate that reflects current market assessments of the time value of money and the risks specific to the liability.

# Asset retirement obligation

The Company's activities give rise to dismantling, decommissioning and site disturbance remediation activities. Provision is made for the estimated cost of site restoration and capitalized in the relevant asset category.

Asset retirement obligations are measured at the present value of management's best estimate of expenditure required to settle the present obligation at the balance sheet date. The best estimate of the provision is recorded on a discounted basis using a risk-free interest rate. Subsequent to the initial measurement, the obligation is adjusted at the end of each period to reflect the passage of time and changes in the estimated future cash flows underlying the obligation. The increase in the provision due to the passage of time is recognized as accretion of the asset retirement obligation whereas increases or decreases due to changes in the estimated future cash flows and risk-free rates are adjusted through property, plant and equipment or exploration and evaluation assets. Actual costs incurred upon settlement of the asset retirement obligations are charged against the provision.

#### h) Revenue from commodity sales

Questerre principally generates revenue from the sale of commodities, which include crude oil, natural gas, condensate and natural gas liquids ("NGLs"). Revenue associated with the sale of commodities is recognized when control is transferred from Questerre to its customers. Questerre's commodity sale contracts represent a series of distinct transactions. Questerre considers its performance obligations to be satisfied and control to be transferred when all of the following conditions are satisfied:

- Questerre has transferred title and physical possession of the commodity to the buyer;
- Questerre has transferred the significant risks and rewards of ownership of the commodity to the buyer; and
- Questerre has the present right to payment.

Revenue represents our share of commodity sales net of royalty obligations to governments and other mineral interest owners. Questerre sells its production pursuant to variable priced contracts. The transaction price for variable priced contracts is based on the commodity price, adjusted for quality, location or other factors, whereby each component of the pricing formula can be either fixed or variable, depending on the contract terms. Under these contracts, the Company is required to deliver a variable volume of crude oil, natural gas, condensate or NGLs to the contract counterparty.

Revenue is recognized when a unit of production is delivered to the contract counterparty. The amount of revenue recognized is based on the agreed upon transaction price, whereby any variability in revenue is related specifically to the Company's efforts to deliver production. Therefore, the resulting revenue is allocated to the production delivered in the period during which the variability occurs. Payment terms for Questerre's commodity sales contracts are on the 25th of the month following delivery. Questerre does not have any contracts where the period between the transfer of the promised goods or services to the customer and payment by the customer exceeds one year and therefore Questerre does not adjust its revenue transactions for the time value of money. The Company enters into contracts with customers that can have performance obligations that are unsatisfied, or partially unsatisfied, at the reporting date.

The Company applies a practical expedient of IFRS 15 Revenue from Contracts with Customers ("IFRS 15") and does not disclose quantitative information about remaining performance obligations that have original expected durations of one year or less, or for performance obligations where the Company has a right to consideration from a customer in an amount that corresponds directly with the value to the customer of the Company's performance completed to-date. Also refer to Note 4 for Changes in Accounting Policies and Disclosures in 2018.

# i) Income tax

Deferred tax is recognized using the balance sheet method, providing for temporary differences between the carrying amounts of assets and liabilities for financial reporting purposes and the amounts used for taxation purposes.

Deferred tax is not recognized on the initial recognition of assets or liabilities in a transaction that is not a business combination. In addition, deferred tax is not recognized for taxable temporary differences arising on the initial recognition of goodwill. Deferred tax is measured at the tax rates that are expected to be applied to temporary differences when they reverse, based on the laws that have been enacted or substantively enacted by the reporting date. Deferred tax assets and liabilities are offset if there is a legally enforceable right to offset, and they relate to income taxes levied by the same tax authority on the same taxable entity, or on different tax entities, but they intend to settle current tax liabilities and assets on a net basis or their tax assets and liabilities will be realized simultaneously.

A deferred tax asset is recognized to the extent that it is probable that future taxable profits will be available against which the temporary difference can be utilized. Deferred tax assets are reviewed at each reporting date and are reduced to the extent that it is no longer probable that the related tax asset will be realized.

The effect of a change in enacted or substantively enacted income tax rates on future income tax assets and liabilities is recognized in profit or loss in the period that the change occurs unless the original entry was recorded to equity.

#### j) Net profit or loss per share

Basic per share amounts are calculated using the weighted average number of shares outstanding during the year. Diluted per share amounts are calculated using the weighted average number of shares outstanding, adjusted for the potential number of shares which may have a dilutive impact on net profit. Potentially dilutive shares include stock options. The weighted average number of diluted shares is calculated in accordance with the treasury stock method. The treasury stock method assumes that the proceeds received from the exercise of all potentially dilutive instruments are used to repurchase Common Shares at the average market price.

Since the options may be settled in cash or shares at the Company's discretion and therefore there is no obligation to settle in cash, the share units are accounted for as equity-settled share based payment transactions and included in diluted profit per share if the effect is dilutive.

# 4. Changes in Accounting Policies and Disclosures

# Changes in Accounting Policies for 2018

# IFRS 9 Financial Instruments

Questerre retrospectively applied the requirements of IFRS 9 on January 1, 2018 and the adoption did not result in a change in the carrying value of any of the Company's financial instruments on transition date.

IFRS 9 uses a single approach to determine whether a financial asset is classified and measured at amortized cost or fair value, replacing the multiple rules in IAS 39 Financial Instruments: recognition and measurement ("IAS 39"). The approach in IFRS 9 is based on how an entity manages its financial instruments and the contractual cash flow characteristics of the financial assets. Most of the requirements in IAS 39 for classification and measurement of financial liabilities were carried forward in IFRS 9, and IFRS 9 has introduced a single expected credit loss impairment model, which is based on changes in credit quality since initial recognition. The adoption of the expected credit loss impairment model did not result in a material change on the financial statements of the Company, however, there are additional required disclosures which have been included in Note 6.

IFRS 9 also contains a new hedge accounting model, however, the Company did not apply hedge accounting to any of its commodity price risk management contracts. In addition, IFRS 9 includes amended guidance for the classification and measurement of financial assets by introducing a fair value through other comprehensive income category for certain debt instruments. Questerre does not have any investments in debt instruments for which this guidance is applicable. For the comparative year presented, prior to the adoption of IFRS 9, the previous accounting policy differs as follows:

# a) Cash, Accounts Receivable, Loans and Other Receivables

A provision for impairment of accounts receivable is established when there is objective evidence that the Company will not be able to collect all amounts due according to the original terms of the receivables. Significant financial difficulties of the debtor, probability that the debtor will enter bankruptcy or financial reorganization, and default or significant delinquency in payments are considered indicators that a receivable is impaired.

# b) Impairment of Financial Assets

At each reporting date, the Company assesses whether there is objective evidence that a financial asset is impaired. If such evidence exists, the Company recognizes an impairment loss, as follows:

#### Financial assets carried at amortized cost

The amount of the impairment is the difference between the amortized cost of the loan or receivable and the present value of the estimated future cash flows, discounted using the effective interest rate. The carrying amount of the asset is reduced and the amount of the loss is recognized in the statement of comprehensive income.

# Financial assets carried at fair value through profit or loss

The impairment loss is the difference between the original cost of the asset and its fair value at the measurement date, less any impairment losses previously recognized in the statement of comprehensive income.

#### IFRS 15 Revenue From Contracts With Customers

The Company has applied the practical expedient to recognize revenue in the amount to which the Company has the right to invoice. As such, no disclosure is included relating to the amount of transaction price allocated to remaining performance obligations and when these amounts are expected to be recognized as revenue. Refer to Note 6 for more information including additional disclosures as required under IFRS 15.

Revenue from the sale of crude oil, natural gas and natural gas liquids is measured based on the consideration specified in contracts with customers. The Company recognizes revenue when control of the product transfers to the buyer and collection is reasonably assured. This is generally at the point in time when the customer obtains legal title to the product which is when it is physically transferred to the pipeline or other transportation method agreed upon.

For the comparative year presented, prior to the adoption of IFRS 15, the previous accounting policy differs as follows:

Revenue from the sale of crude oil, natural gas and natural gas liquids is recorded when the risks and rewards of ownership of the product is transferred to the buyer, which is usually when legal title passes to the external party. Royalty income is recognized as it accrues in accordance with the terms of the overriding royalty agreements.

# Future Accounting Pronouncements

The following standards and interpretations have not been illustrated as they will only be applied for the first time in future periods. They may result in consequential changes to the accounting policies and other note disclosures. The Company is currently evaluating the impact of adopting these standards on its consolidated financial statements.

#### IFRS 16 Leases

IFRS 16 was issued in January 2016 and replaces IAS 17 Leases and related interpretations. The standard is required to be adopted either retrospectively or by recognizing the cumulative effect of initially applying IFRS 16 as an adjustment to opening equity at the date of initial application. IFRS 16 is effective for fiscal years beginning on or after January 1, 2019 with earlier adoption permitted if IFRS 15 has also been adopted. IFRS 16 requires lessees to recognize a lease obligation and right-of-use asset for the majority of leases. Questerre is currently evaluating the impact of the standard including identifying and reviewing contracts that are impacted. The Company is currently evaluating the impact of adopting this standard on its consolidated financial statements.

# 5. Cash and Cash Equivalents

	December 3	December 31,		
(\$ thousands)	20	18		2017
Bank balances	\$	14	\$	1,871
Short-term bank deposits	19,1	94		33,965
	\$ 19,2	08	\$	35,836

# 6. Financial Risk Management and Determination of Fair Values

#### a) Overview

The Company's activities expose it to a variety of financial risks that arise as a result of its exploration, development, production, and financing activities such as credit risk, liquidity risk and market risk. The Company manages its exposure to these risks by operating in a manner that minimizes this exposure.

#### b) Fair value of financial instruments

The Company's financial instruments as at December 31, 2018 included cash and cash equivalents, accounts receivable, deposits, investments, credit facilities and accounts payable and accrued liabilities. As at December 31, 2018, the fair values of the Company's financial assets and liabilities equaled their carrying values due to the short-term maturity, except for the Company's investments which are recorded at fair value.

Disclosures about the inputs to fair value measurements are required, including their classification within a hierarchy that prioritizes the inputs to fair value measurement.

# Level 1 Fair Value Measurements

Level 1 fair value measurements are based on unadjusted quoted market prices.

#### Level 2 Fair Value Measurements

Level 2 fair value measurements are based on valuation models and techniques where the significant inputs are derived from quoted indices.

Risk management contracts are considered a Level 2 instrument. The Company's financial derivative instruments are carried at fair value as determined by reference to independent monthly forward settlement prices and currency rates.

#### Level 3 Fair Value Measurements

The fair value of PP&E recognized is based on market values. The market value of PP&E is the estimated amount for which PP&E could be exchanged on the acquisition date between a willing buyer and a willing seller in an arm's length transaction after proper marketing wherein the parties had each acted knowledgeably, prudently and without compulsion. The market value of oil and natural gas interests (included in PP&E) are generally estimated with reference to the discounted cash flows expected to be derived from oil and natural gas production based on internally and externally prepared reserve reports. The risk-adjusted discount rate is specific to the asset with reference to general market conditions. The market value of E&E assets is estimated with reference to the market values of current arm's length transactions in comparable locations. Refer to Notes 8 and 9.

#### c) Credit risk

Credit risk represents the potential financial loss to the Company if a customer or counterparty to a financial instrument fails to meet or discharge their obligation to the Company. Credit risk arises principally from the Company's receivables from joint venture partners and oil and gas marketers. The carrying amounts of accounts receivable and cash and cash equivalents represent the maximum credit exposure.

Substantially all of the accounts receivable are with oil and natural gas marketers and joint venture partners in the oil and natural gas industry and are subject to normal industry credit risks. The Company generally extends unsecured credit to these customers and therefore, the collection of accounts receivable may be affected by changes in economic or other conditions. Management believes the risk is mitigated by entering into transactions with long-standing, reputable counterparties and partners.

Accounts receivable related to the sale of the Company's petroleum and natural gas production is paid in the following month from major oil and natural gas marketing companies and the Company has not experienced any credit loss relating to these sales.

Receivables from joint venture partners are typically collected within one to three months of the joint venture bill being issued. The Company mitigates this risk by obtaining pre-approval of significant capital expenditures.

The Company's accounts receivables are aged as follows:

		ember 31,	December 31,		
(\$ thousands)		2018		2017	
Current	\$	1,756	\$	3,076	
31 - 60 days		129		204	
61 - 90 days		3		79	
>90 days		182		573	
Allowance for doubtful accounts		(152)		(152)	
	\$	1,918	\$	3,780	

The Company does not anticipate any material default as it transacts with creditworthy customers and management does not expect any losses from non-performance by these customers. There are no material financial assets that the Company considers past due that are considered impaired.

Cash and cash equivalents include cash bank balances and short-term deposits. The Company manages the credit risk exposure by investing in Canadian banks and credit unions. Management does not expect any counterparty to fail to meet its obligations.

# d) Liquidity risk

Liquidity risk is the risk that the Company will not be able to meet its financial obligations as they become due. The Company's processes for managing liquidity risk include ensuring, to the extent possible, that it will have sufficient liquidity to meet its liabilities when they become due. The Company prepares annual capital expenditure budgets which are monitored and are updated as required. In addition, the Company requires authorizations for expenditures on projects to assist with the management of capital.

Since the Company operates in the upstream oil and natural gas industry, it requires sufficient cash to fund capital programs necessary to maintain or increase production, develop reserves and to potentially acquire strategic assets. The Company's capital programs are funded principally by cash obtained through its credit facilities, equity issuances and from operating activities. During times of low oil and natural gas prices or when cash resources may be limited, a portion of capital programs can generally be deferred, however, due to the long cycle times and the importance to future cash

flow in maintaining the Company's production, it may be necessary to utilize alternative sources of capital to continue the Company's strategic investment plan during periods of low commodity prices. As a result, the Company frequently evaluates the options available with respect to sources of long and short-term capital resources. Occasionally, to the extent possible, the Company will use derivative instruments to manage cash flow in the event of commodity price declines.

The Company's financial obligations relate to trade and other payables, which consist of invoices payable to trade suppliers relating to the office and field operating activities and its capital spending program. The Company processes invoices within a normal payment period and all amounts are due within the next 12 months.

#### e) Market risk

Market risk is the risk that changes in market prices, such as commodity prices, foreign exchange rates and interest rates will affect the Company's profit or loss or the value of the financial instruments. The objective of the Company is to mitigate exposure to these risks while maximizing returns to the Company.

#### Commodity price risk

Commodity price risk is the risk that the fair value or future cash flows will fluctuate as a result of changes in commodity prices. Commodity prices for oil and natural gas are impacted not only by the relationship between the Canadian and United States dollar, but also world economic events that dictate the levels of supply and demand. The Company may enter into oil and natural gas contracts to protect, to the extent possible, its cash flow on future sales. The contracts reduce the volatility in sales revenue by locking in prices with respect to future deliveries of oil and natural gas.

As at December 31, 2018, the Company had no outstanding commodity risk management contracts.

#### Currency risk

All of Questerre's petroleum and natural gas sales are denominated in Canadian dollars; however, the underlying market prices for these commodities are impacted by the exchange rate between Canada and the United States. The Company also incurs expenditures in its Jordanian subsidiary that are denominated in Jordanian Dinar and United States dollars. As at December 31, 2018, the Company had no forward foreign exchange contracts in place.

# Interest rate risk

Interest rate risk is the risk that future cash flows will fluctuate as a result of changes in market interest rates. At December 31, 2018, the Company had credit facilities outstanding of \$13.84 million (December 31, 2017: \$13.90 million).

# f) Capital management

The Company believes with its expected positive adjusted funds flow from operations and existing credit facilities in the near future it will be able to meet its foreseeable obligations in the normal course of operations. On an ongoing basis, the Company reviews its capital expenditures to ensure that funds flow from operations or access to credit facilities are available to fund these capital expenditures. To execute its current business plan including incurring capital expenditures related to the full

participation in the current and future drilling programs it anticipates it will be require access to additional financial liquidity.

The volatility of commodity prices has a material impact on Questerre's adjusted funds flow from operations. Questerre attempts to mitigate the effect of lower prices by entering into risk management contracts, shutting in production in unusually low pricing environments, reallocating capital to more profitable areas and reducing capital spending based on results and other market considerations.

The Company considers its capital structure to include shareholders' equity and any outstanding amounts under its credit facilities. The Company will adjust its capital structure to minimize risk and its cost of capital through the issuance of shares, securing additional credit facilities and adjusting its capital spending as required. Questerre monitors its capital structure based on the current and projected funds flow from operations.

	Dec	ember 31,	De	cember 31,
(\$ thousands)		2018		2017
Credit facilities	\$	13,842	\$	13,901
Shareholders' equity		187,291		170,738

# 7. Investment in Red Leaf

Red Leaf is a private Utah based oil shale and technology company whose principal assets are its proprietary EcoShale technology to recover oil from shale and its oil shale leases in the state of Utah.

Questerre currently holds 132,293 common shares, representing approximately 30% of the common share capital of Red Leaf and 288 Series A Preferred Shares of Red Leaf representing less than 0.5% of the issued and outstanding preferred shares capital of Red Leaf.

Questerre has determined its investment in Red Leaf will be accounted for using the equity method. This is based on several criteria including its current equity interest in Red Leaf and ability to participate in the decision making process of Red Leaf through its current Board representation.

The Company measured the fair market value of its investment using a net asset valuation approach. The net assets are estimated as the net current assets of Red Leaf less US\$90 million representing the original issue price plus accrued but unpaid dividends of the issued and outstanding Series A Preferred Shares of Red Leaf as of December 31, 2018. No value was assigned to the non-current assets of Red Leaf for the purposes of determining the fair value of the Company's investment.

The Company also evaluated the fair value of the preferred shares based on the face value excluding accrued but unpaid dividends as of December 31, 2018.

	Dec	ember 31,	Dec	ember 31,
(\$ thousands)		2018		2017
Investment	\$	13,604	\$	12,510
Equity loss on investment		(13,317)		(3,401)
	\$	287	\$	9,109

The equity loss on investment represents the Company's proportionate share of the net loss realized by Red Leaf for the year ended December 31, 2018 and an impairment in the carrying value of its

investment based on its assessment of Red Leaf's current net asset value attributable to the common shares.

The assets, liabilities and net loss of Red Leaf as of December 31, 2018 were comprised as follows:

(\$ thousands) <sup>(1)</sup>	
Cash and Cash Equivalents	\$ 132,425
Other Current Assets	754
Current Liabilities	1,883
Non-current liabilities	1,658
Net Loss <sup>(2)</sup>	(16,226)

<sup>(1)</sup> Converted at an exchange rate of US\$1 = C\$1.364

The issued and outstanding share capital of Red Leaf as of December 31, 2018 is comprised of the following:

	Issued and	Questerre
	Outstanding	Ownership
Common Shares	415,639	132,293
Preferred Shares	63,427	288

The Series A Preferred Shares carry voting rights and dividends accrue on a cumulative basis, whether or not declared, at a rate of 8% per annum compounding annually. On the occurrence of a defined liquidation event, including certain reorganizations, takeovers, the sale of all or substantially all the assets of the company, and shareholder distributions, the Series A Preferred shareholders are entitled to an amount representing the original issue price plus any accrued dividends. As of December 31, 2018, this priority amount is approximately US\$90 million.

The table that follow sets out the changes in investment over the respective periods.

	December 31,		December 31,	
(\$ thousands)		2018		2017
Balance, beginning of year	\$	9,109	\$	490
Purchase of investment		_		10,330
Reversal of impairment		_		2,336
Preferred shares fair value adjustment		_		274
Equity loss on investment		(7,631)		(3,401)
Gain (loss) on foreign exchange		512		(920)
Impairment expense		(1,703)		
Balance, end of the year	\$	287	\$	9,109

For the year ended December 31, 2018, the gain on foreign exchange relating to investments was \$0.51 million (December 31, 2017: loss \$0.92 million) and was recorded in other comprehensive income (loss) net of deferred tax. The determination of fair value requires management to make judgments, estimates and assumptions. These estimates and judgments are reviewed quarterly and

<sup>(2)</sup> Converted at an exchange rate of US\$1 = C\$1.296

have risk of causing a material adjustment to the carrying amounts of assets and liabilities within the next financial year.

# 8. Property, Plant and Equipment

A reconciliation of the property, plant and equipment assets is detailed below.

	Oil and		
	Natural Gas	Other	
(\$ thousands)	Assets	Assets	Total
Cost or deemed cost:			
Balance, December 31, 2016	\$ 213,012	\$ 1,334	\$ 214,346
Additions	11,781	_	11,781
Acquisition	6,935	_	6,935
Transfer from exploration and evaluation assets	15,078	_	15,078
Balance, December 31, 2017	246,806	1,334	248,140
Additions	13,337	_	13,337
Transfer from exploration and evaluation assets	14,071	_	14,071
Balance, December 31, 2018	\$ 274,214	\$ 1,334	\$ 275,548
Balance, December 31, 2016  Depletion and depreciation  Impairment  Balance, December 31, 2017  Depletion and depreciation	\$ 125,937 9,712 12,303 147,952 11,751	11 - 1,295 10	\$ 127,221 9,723 12,303 149,247 11,761
Impairment reversal	(28,024)		(28,024)
Balance, December 31, 2018	\$ 131,679	\$ 1,305	\$ 132,984
	Oil and	0.1	
	Natural Gas	Other	<b>-</b>
(\$ thousands)	Assets	Assets	Total
Net book value:			
At December 31, 2017	\$ 98,854	\$ 39	\$ 98,893
At December 31, 2018	\$ 142,535	\$ 29	\$ 142,564

During the years ended December 31, 2018 and 2017, the Company did not capitalize any administrative overhead or stock based compensation expense directly related to development activities. Included in the December 31, 2018 depletion calculation are future development costs of \$318.94 million (December 31, 2017: \$172.37 million). As at December 31, 2018, no assets under construction were included within property, plant and equipment (December 31, 2017: \$1.05 million).

In 2018, the Company reviewed the carrying amounts of its oil and natural gas assets for indicators of impairment or a reversal of previously recorded impairment due to changes in future commodity prices, future costs and reserves. Based on this review, the Company's Montney CGU was tested for impairment in accordance with the Company's accounting policy. The recoverable amount of \$118.37 million for the Montney CGUs was estimated based on the FVLCD using a discounted cash flow model. Based on this assessment and the carrying value, the Company reversed a previously recorded impairment expense of \$28 million related to its Montney CGU in the current year. The factors that led to the reversal of the impairment was an increase in reserves due to drilling.

The future prices used to determine cash flows from crude oil and natural gas reserves are as follows:

						Average
						Annual %
						Change
	2019	2020	2021	2022	2023	Thereafter
WTI (US\$/barrel)	58.58	64.60	68.20	71.00	72.81	2.00
AECO (\$/MMbtu)	1.88	2.31	2.74	3.05	3.21	2.00

For the purpose of impairment testing, the Company assesses goodwill for impairment at the Canada level, which represents the Company's only operating segment. Changes to the assumed discount rate or forward price estimates independently would have the following impact on impairment at the Canada operating segment level:

				Five Percent	Fi	ve Percent
	One Percent	One Percent		Increase in the	Decre	ease in the
	Decrease in the	Increase in the		Forward Price	For	ward Price
(\$ thousands)	Discount Rate	Discount Rate		Estimates		Estimates
Impairment charge (recovery) of property, plant and equipment	Not Applicable	\$ 1	5,555	Not Applicable	\$	846

# 9. Exploration and Evaluation Assets

Exploration and evaluation assets consist of the Company's exploration projects which are pending the determination of technical feasibility and commercial viability. Additions represent the Company's share of costs incurred on exploration and evaluation assets during the period.

A reconciliation of the movements in exploration and evaluation assets is detailed below.

	December 31,			December 31,		
(\$ thousands)		2018		2017		
Balance, beginning of year	\$	53,675	\$	58,915		
Additions		19,740		17,873		
Transfers to property, plant and equipment		(14,071)		(15,078)		
Undeveloped lease expiries		(1,565)		(7,122)		
Foreign currency translation adjustment - Jordan		313		(120)		
Disposition		-		(793)		
Balance, end of period	\$	58,092	\$	53,675		

During the year ended December 31, 2018, the Company capitalized administrative overhead charges of \$2.36 million including \$0.92 million for capitalized stock based compensation expense directly related to exploration and evaluation activities. During the year ended December 31, 2017, the Company capitalized administrative overhead charges of \$1.48 million and \$0.51 million was recognized for capitalized stock based compensation expense directly related to these activities.

In 2018, the Company incurred an expense of \$1.49 million for undeveloped land relinquishments for its Quebec assets.

In September 2018, the Ministry of Energy and Natural Resources in Quebec (the "Ministry") introduced regulations effectively prohibiting any exploitation of natural gas in the province including the banning of hydraulic fracturing of shale. The Company filed a legal motion requesting a temporary stay and judicial review to have the specific regulations relating to the ban on hydraulic fracturing to be set aside. The Company was granted a hearing date in early 2019. At the request of the Ministry of Justice, Questerre agreed to temporarily defer the judicial review. The Company is engaged in discussions with the Government to allow the parties to resolve the issues raised in its legal motion in a constructive manner. Should the Company be unsuccessful in resolving the situation to its satisfaction and the Company's legal motion subsequently denied, the carrying value of its exploration and evaluation assets in Quebec of \$30.01 million as of December 31, 2018, could be materially impaired.

# 10. Deferred Income Taxes

The tax on the Company's net loss before taxes differs from the amount that would arise using the weighted average tax rate applicable to profits or losses of the consolidated entities as follows:

	December 31,		Dec	cember 31,
(\$ thousands)		2018		2017
				(40.000)
Net income (loss) before taxes	\$	19,582	\$	(19,293)
Combined federal and provincial tax rate		<b>27.00</b> %		27.00%
Computed "expected" deferred tax expense (recovery)		5,287		(5,209)
Increase (decrease) in deferred taxes resulting from:				
Non-deductible differences		193		(200)
Deferred tax asset not recognized in year		157		11,035
Rate adjustments		480		(98)
Deferred tax expense	\$	6,116	\$	5,528

In the fourth quarter of 2018, the Company evaluated the recoverability of its deferred tax assets using forecasted before-tax cash flows based on proved reserves, with escalating prices and future development costs obtained from an independent reserve evaluation report and a deduction for estimated general and administrative costs associated with these proved reserves. The statutory tax rate was 27% in 2018 and 2017.

The movement of the deferred tax asset is as follows:

	Dec	December 31,		cember 31,
(\$ thousands)		2018		2017
Balance, beginning of year	\$	13,019	\$	17,645
Tax recorded to statement of net profit or loss		(6,116)		(5,528)
Tax on share issue costs		3		771
Tax charge relating to flow through shares		_		_
Tax charge relating to components of other comprehensive income or loss		(90)		131
Balance, end of year	\$	6,816	\$	13,019

The movement in deferred tax assets during the year, without taking into consideration the offsetting of balances within the same tax jurisdiction, is as follows:

	Pe	troleum and		Asset				
		natural gas	reti	irement		Share	No	n-capital
(\$ thousands)		properties	ob	ligation	issu	e costs		losses
Deferred tax asset:								
Balance, December 31, 2016	\$	6,550		2,356		271		9,984
Credited to equity				771		771		
Credited (charged) to net profit or loss		(2,697)		1,009		(311)		(3,305)
Balance, December 31, 2017		3,853		3,365		731		6,679
Credited (charged) to net profit or loss		(3,853)		343		(192)		5,546
Credited to equity								
Balance, December 31, 2018	\$	_	\$	3,708	\$	539	\$	12,225

(\$ thousands)		Petroleum and				
	n	natural gas				
		properties				
Deferred tax liability:						
Balance, December 31, 2016	\$	_	\$	1,935		
Charged (credited) to net profit or loss		_		(195)		
Charged to other comprehensive income or loss		_		(131)		
Balance, December 31, 2017		-		1,609		
Charged (credited) to net profit or loss		8,046		-		
Credited to equity		-		-		
Balance, December 31, 2018	\$	8,046	\$	1,609		

The amount and timing of reversals of temporary differences will be dependent upon, among other things, the Company's future operating results, and acquisitions and dispositions of assets and liabilities.

Deferred income tax assets are recognized for tax loss carry-forwards to the extent that the realization of the related tax benefit through future taxable profits is probable. It is expected that future cash flows, generated from its existing proved reserves, will be sufficient to provide future taxable profits to utilize the deferred tax assets.

Non-capital loss carry-forwards at December 31, 2018 expire from 2026 to 2038.

The movement in deferred tax liabilities during the year, without taking into consideration the offsetting of balances within the same tax jurisdiction, is as follows:

Deferred tax assets have not been recognized in respect of the following items:

	De	December 31,		December 31,
(\$ thousands)		2018		2017
Petroleum and natural gas properties	\$	\$ 219		219
Investments		50,370		44,622
Non-capital losses		101,481		103,774
Capital losses		36,481		36,489
	\$	188,551	\$	185,104

The Company does not expect to recover or settle its deferred tax assets and liabilities within the next twelve month period.

#### 11. Share Based Compensation

The Company has a stock option program that provides for the issuance of options to purchase Common Shares to its directors, officers and employees at or above grant date market prices. The options granted under the plan generally vest evenly over a three-year period starting at the grant

date or one year from the grant date. The grants generally expire five years from the grant date or five years from the commencement of vesting.

Under the Company's option plan, a put right is included that allows the optionee to settle options with cash or equity. The Company does not intend to cash settle these options in future periods. The Company has the option to decline a put right exercise at any time. Under the put right, the optionee will receive the net cash proceeds that is the excess of the closing price of the Common Shares at the day of the put notice over the exercise price of the option. Once the options are cash settled, the options are cancelled.

The number and weighted average exercise prices of stock options are as follows:

	Options Outstanding				Options Exercisable				
		Weighted	Weighted			Weighted	We	eighted	
	Number of	Average	Average		Number of	Average	Α	verage	
	Options	Years to	Exercise		Options	Years to	E	xercise	
	(thousands)	Expiry		Price	(thousands)	Expiry		Price	
\$0.175 - \$0.30	9,324	1.77	\$	0.24	7,233	1.63	\$	0.25	
\$0.31 - \$0.70	11,788	3.35		0.58	2,920	2.36		0.48	
\$0.71 - \$1.00	50	3.89		0.71	_	_		_	
\$1.01 - \$1.40	250	0.44		1.40	250	0.44		1.40	
	21,412	2.63	\$	0.44	10,403	1.80	\$	0.34	

The following table summarizes information about stock options outstanding and exercisable at December 31, 2018:

	Decembe	, 2018	December 31, 2017			
	Number of		Weighted	Number of		Weighted
	Options		Average	Options		Average
	(thousands)	Ex	ercise Price	(thousands)	Ex	ercise Price
Outstanding, beginning of period	21,387	\$	0.50	14,856	\$	0.41
Granted	3,288		0.48	6,900		0.69
Forfeited	(150)		0.52	(232)		0.52
Expired	(3,003)		0.88	(90)		0.70
Exercised	(110)		0.42	(47)		0.62
Outstanding, end of period	21,412	\$	0.44	21,387	\$	0.50
Exercisable, end of period	10,403	\$	0.34	9,180	\$	0.50

The fair value of the liability was calculated using the Black-Scholes valuation model. The following weighted average assumptions were used in the model for options granted in 2018 and 2017:

	December 31,	December 31,
	2018	2017
Weighted average fair value per award (\$)	0.32	0.43
Volatility (%)	82.52	77.93
Forfeiture rate (%)	13.14	14.50
Expected life (years)	5.00	5.00
Risk free interest rate (%)	2.21	0.98

This forfeiture rate estimate is adjusted to the actual forfeiture rate. Expected volatility and expected life is based on historical information.

# 12. Asset Retirement Obligation

The Company's asset retirement and abandonment obligations result from its ownership interest in oil and natural gas assets. The total asset retirement obligation is estimated based on the Company's net ownership interest in all wells and facilities, estimated costs to reclaim and abandon these wells and facilities and the estimated timing of the costs to be incurred in future periods. The Company has estimated the net present value of the asset retirement obligation to be \$13.74 million as at December 31, 2018 (December 31, 2017: \$12.47 million) based on an undiscounted total future liability of \$18.47 million (December 31, 2017: \$16.26 million). These payments are expected to be made over the next 40 years. The average discount factor, being the risk-free rate related to the liabilities, is 1.99% (December 31, 2017: 1.97%). An inflation rate of 2.2% (December 31, 2017: 2.2%) over the varying lives of the assets is used to calculate the present value of the asset retirement obligation.

The following table provides a reconciliation of the Company's total asset retirement obligation:

	Dec	December 31,		cember 31,
(\$ thousands)		2018		2017
Balance, beginning of year	\$	12,465	\$	8,726
Liabilities incurred		174		665
Liabilities settled		(133)		(201)
Revisions due to change in discount and inflation rates		978		804
Liabilities acquired		_		2,298
Accretion		252		173
Balance, end of year	\$	13,736	\$	12,465

# 13. Credit Facility

As at December 31, 2018, the credit facilities include a revolving operating demand facility of \$17.9 million ("Credit Facility A"), and a corporate credit card of \$0.1 million ("Credit Facility C"). Credit Facility A can be used for general corporate purposes, ongoing operations and capital expenditures within Canada. Any borrowing under the facilities, with the exception of letters of credit, bears interest at the bank's prime interest rate and an applicable basis point margin based on the ratio of debt to

cash flow measured quarterly. The facilities are secured by a debenture with a first floating charge over all assets of the Company and a general assignment of books debts.

Under the terms of the credit facility, the Company has provided a covenant that it will maintain an Adjusted Working Capital Ratio greater than 1.0. The ratio is defined as current assets (excluding unrealized hedging gains and including undrawn Credit Facility A availability) to current liabilities (excluding bank debt outstanding and unrealized hedging losses). The Adjusted Working Capital Ratio at December 31, 2018 was 1.48 and the covenant was met. At December 31, 2018, \$13.84 million (December 31, 2017: \$13.90 million) was drawn on Credit Facility A with an effective average interest rate of 4.14% for 2018 (2017: 4.53%). As at December 31, 2018, the Company has a letter of credit outstanding for \$0.11 million with the Quebec government for abandonment costs.

The following table reconciles the movement in the credit facilities during the year.

	De	December 31,		
(\$ thousands)		2018		2017
Credit Facilities beginning of year	\$	13,901	\$	22,888
Drawndown from Credit Facilities		47,953		30,880
Repayment of Credit Facilities		(48,012)		(39,867)
Credit Facilities end of year	\$	13,842	\$	13,901

The credit facilities are a demand facility and can be reduced, amended or eliminated by the lender for reasons beyond the Company's control. Should the credit facilities, in fact, be reduced or eliminated, the Company would need to seek alternative credit facilities or consider the issuance of equity to enhance its liquidity.

In November 2018, Credit Facility A was renewed at \$17.9 million, and Credit Facility C remains at \$0.1 million.

# 14. Share Capital

The Company is authorized to issue an unlimited number of Common Shares. The Company is also authorized to issue an unlimited number of Class "B" Common voting shares and an unlimited number of preferred shares, issuable in one or more series. At December 31, 2018, there were no Class "B" common voting shares or preferred shares outstanding.

#### a) Issued and outstanding - Common Shares

	Number	Amount
	(thousands)	(\$ thousands)
Balance, December 31, 2017	385,331	414,995
Options exercised	110	47
Warrants exercised	3,566	713
Share issue costs (net of tax effect)	_	(8)
Balance, December 31, 2018	389,007	\$ 415,747

#### b) Per share amounts

Basic net income (loss) per share is calculated as follows:

	December 31,		December 31,	
(thousands, except as noted)		2018		2017
Net income (loss)	\$	13,466	\$	(24,821)
Weighted average number of Common Shares outstanding (basic)		388,712		350,055
Basic net income (loss) per share	\$	0.03	\$	(0.07)

Diluted net income (loss) per share is calculated as follows:

		December 31,		December 31,	
(thousands, except as noted)		2018		2017	
Net income (loss)	\$	13,466	\$	(24,821)	
Weighted average number of Common Shares outstanding (basic)		388,712		350,055	
Effect of outstanding options		7,003		_	
Weighted average number of Common Shares outstanding (diluted)		395,715		350,055	
Diluted net income (loss) per share	\$	0.03	\$	(0.07)	

Under the current stock option plan, options can be exchanged for Common Shares of the Company, or for cash at the Company's discretion. They are considered potentially dilutive and are included in the calculation of diluted net loss per share for the period. The average market value of the Common Shares for purposes of calculating the dilutive effect of options was based on quoted market prices for the period that the options were outstanding. At December 31, 2018, 10.34 million options (December 31, 2017: 21.39 million) were excluded from the diluted weighted average number of Common Shares outstanding calculation as their effect would have been anti-dilutive.

In connection with a private placement completed in July 2016, the Company issued warrants to purchase Common Shares at a price of \$0.20 per Common Share until January 28, 2018. At December 31, 2018, there were no warrants outstanding.

#### 15. Petroleum and Natural Gas Sales

	Dec	December 31,		December 31,	
(\$ thousands)		2018		2017	
Oil and liquids	\$	30,555	\$	18,400	
Natural gas		2,414		2,961	
	\$	32,969	\$	21,361	

# 16. Employee Salaries and Benefits

	December 31,		December 31,		
(\$ thousands)		2018		2017	
Salaries, bonuses and other short-term benefits	\$	2,315	\$	1,383	
Share based compensation		1,601		917	
	\$	3,916	\$	2,300	

# 17. Key Management Compensation

Key management includes directors and officers. The compensation paid or payable to key management is as follows:

		ember 31,	December 31,	
(\$ thousands)		2018		2017
Salaries, bonuses, director fees and other short-term benefits	\$	1,905	\$	1,195
Share based compensation		1,466		830
	\$	3,371	\$	2,025

The Company has entered into written executive employment agreements with each of the officers of the Company. Each of these written agreements provides that in the event of a change of control of the Company, each of the officers is entitled to: (i) one month of then applicable base salary per year of service with the Company; and (ii) the vesting of all options to purchase Common Shares. In the event of a change in control, the severance payable to key management would have been \$1.45 million at December 31, 2018. This amount does not include accelerated stock based compensation expense.

# 18. Supplemental Cash Flow Information

Changes in non-cash working capital are detailed below:

	Dece	December 31,		December 31,	
(\$ thousands)		2018		2017	
Accounts receivable	\$	1,862	\$	(1,442)	
Deposits and prepaid expenses		(1,585)		69	
Accounts payable and accrued liabilities		(1,659)		14,760	
Change in non-cash working capital	\$	(1,383)	\$	13,387	
Related to:					
Operating activities	\$	(2,073)	\$	8,495	
Investing activities		690		4,892	
	\$	(1,383)	\$	13,387	

#### 19. Commitments

A summary of the Company's net commitments at December 31, 2018 follows:

(\$ thousands)	2019	2020	2021	2022	2023	Thereafter	Total
Transportation, Marketing and Processing	\$ 3,654	\$ 4,084	\$ 4,728	\$ 3,990	\$ 3,990	\$ 11,972	\$ 32,418
Office Leases	139	117	_	_	_	_	256
	\$ 3,793	\$ 4,201	\$ 4,728	\$ 3,990	\$ 3,990	\$ 11,972	\$ 32,674

# 20. Other Liability

In 2011, a joint venture partner commenced legal action primarily relating to the costs of drilling two wells in Quebec in 2010. The Company's potential exposure with respect to this liability was estimated at \$5.9 million plus interest and costs. In 2017, \$3.5 million of this amount was recorded as a contingent liability with the remaining \$2.4 million recorded in current liabilities as it expected this portion of the disputed amount to have been settled within the next year. In 2018, the Company entered into an agreement with the partner to acquire these assets and execute a mutual release with respect to this legal action. See Note 22 Subsequent Events.

# 21. Related Party Transactions

The Company did not engage in any related party transactions during the year ended December 31, 2018, other than key management compensation as disclosed.

# 22. Subsequent Events

In the first quarter of 2019, the Company executed a definitive purchase and sale agreement with a senior exploration and production company (the "Agreement") to acquire all their assets in Quebec. This follows the letter of intent signed in early 2018 as set out in the Company's press release dated June 4, 2018.

Pursuant to the Agreement, Questerre will acquire the exploration rights to 753,000 net acres in Quebec, associated wells and equipment, geological and geophysical data and other miscellaneous assets. Upon closing of the transaction, both parties will release each other from all claims related to outstanding litigation. Other consideration including cash and contingent payments and the security required for the assumption of abandonment and reclamation liabilities ("A&R Liabilities") is approximately \$11 million in aggregate. Questerre may post a letter of credit as security for the A&R Liabilities. Closing of the transaction is subject to the approval by the Government of Quebec for the transfer of the exploration permits and licenses to Questerre.