

# Quarterly Activities Report

## December 2016

ACN 000 752 849

ASX Code: ABL

Level 4, 100 Albert Road  
South Melbourne VIC 3205

### Contact:

Phone: +61 (0)3 9692 7222

Fax: +61 (0)3 9077 9233

### Board of Directors:

Paul Salter (Chairman)  
Craig Mathieson (Non-executive)  
Mordechai Benedikt (Non-executive)

### Company Secretaries:

Justin Mouchacca  
Melanie Leydin

### Securities on Issue:

397,614,352

### About Abilene Oil and Gas Limited

Abilene Oil and Gas Limited is a Mid-West USA focused production, development and exploration company. The company assets are located in Kansas. The company strategy is focused on building up oil production assets, increasing drilling locations and adding exploration acreage in the region. The company strategy is based on a combination of targeting high return projects and innovative funding while maintaining low overhead and corporate costs.

### Highlights:

- Exploration at the Company's CKU Project continued with promising operating results considering world oil prices
- Additional short term loan extensions agreed

Abilene Oil and Gas Limited ('Abilene' or 'the Company') provides the following quarterly activities report for the quarter ended 31 December 2016.

### Klick Oil Project

#### (49.2% Working Interest – 40% Net Revenue Interest)

**Operator** – CMX Inc. (CMX) is the operator of the project

- Klick East Oil Field
- Located in Woods County, Oklahoma USA (ABL 49.2% WI)

The Klick East Oil Field is located in Section 22 of T29N-R14W, Woods County, Oklahoma, which is in the middle of a vast oil and gas producing province being the Northern Shelf of the Anadarko Basin.

The Northern Shelf Area is bounded by the Pratt Anticline to the northeast and the Southern Oklahoma fold belt to the southwest. The Anadarko Basin is a large Paleozoic basin with a long history of oil and gas production. Klick East Oil Field comprises 320 acres.

#### JV Partners

- CMX Inc. (49.2% Working Interest – 40% Net Revenue Interest)
- Chesapeake Energy Corp (Minority participating interest of 1.6%)
- Other parties with over-riding royalty interests amount to 18.7%.

## Klick Oil Project (Cont'd)

The gross production during the quarter by the joint venture was:

Oil: 934 Bbls

Gas: 1,790 MCF

Gross oil and gas revenue and associated lease operating costs (including taxes) for the joint venture production for the quarter, including ABL's share, were as follows:

Joint Venture		ABL Share	
Gross Revenue	US \$44,218	Revenue	US \$17,683
Gross Expenses	US \$22,804	Expenses	US \$10,936

The Company (together with its joint operation partner CMX) plans to review operating reliability to maintain production volumes at the Klick Oil Field and consequently expedite revenues from this project.

## Welch-Bornholdt Wherry Project

### (ABL 50% Working Interest)

**Operator** – CMX Inc. (CMX) is the operator of the project

- Welch-Bornholdt Wherry Oil Fields
- Rice and McPherson Counties, Kansas USA

The Welch-Bornholdt and Wherry Oil Fields are located in Rice and McPherson Counties, Kansas, United States, approximately 140 miles from the Klick East Oil Field in Oklahoma.

The Welch-Bornholdt and Wherry Oil Fields are mature, developed and mostly abandoned crude oil accumulation. Approximately 1,400 vertical wells have been drilled over more than 60 years on the fields, and aggregate production totals 46 million barrels of mainly high quality sweet crude oil.

The Company and its joint operation partner CMX have established a large 15,000 acre position in the Welch-Bornholdt and Wherry Oil Fields. This acreage covers a significant contingent resource, mainly in the Mississippian age cherty carbonate rock formation that is up to 10 metres thick across the area. Abilene and CMX produce from this Mississippian formation at the Klick Project.

The Welch-Bornholdt and Wherry Oil Fields are uniquely positioned, and benefit from having a refinery at the city of McPherson approximately 30 kilometres by road, which is serviced by trucks and pipelines.

During the 2014 calendar year, the joint venture drilled the #1-1 Krehbiel Trust well and decided to place the well into production following positive oil shows.

The gross production during the quarter by the joint venture was:

Oil: 326 Bbls

Gross oil and gas revenue and associated lease operating costs (including taxes) for the joint venture production for the quarter, including ABL's share, were as follows:

Joint Venture		ABL Share	
Gross Revenue	US \$13,793	Revenue	US \$5,517
Gross Expenses	US \$29,622	Expenses	US \$14,749

The joint venture continues to undertake technical evaluations of the surrounding acreage in order to define potential areas of interest and future possible drill locations.

## **Kinsley Prospect**

### **(ABL 35% Working Interest)**

**Operator** – CMX Inc. (CMX) is the operator of the project

- Edwards County, Kansas USA
- Covers approximately 6,400 acres in Edwards County, Kansas

During the quarter, the operator continued to analyse 3D seismic available and the joint venture intends to review drilling by neighbouring companies for future drilling prospects.

## **Mount Lookout Prospect**

### **(ABL 50% Working Interest)**

**Operator** – CMX Inc. (CMX) is the operator of the project

- Morrison Oil fields
- Clark County, Kansas USA
- Covers approximately 1,200 acres of the Morrison Oil Fields

During the quarter, the operator continued to analyse 3D seismic available and to assess the most suitable locations for drilling. Planning for proposed drilling expenditure and discussions with joint venture parties continued with discussions to be held later in the year.

## **Central Kansas Uplift Appraisal and Development Project (CKU)**

### **(ABL 49% Working Interest)**

**Operator** – CMX Inc. (CMX) is the operator of the project

- Russell, Rice, Ellsworth and Barton Counties, Kansas USA

### **JV Partners**

- CMX (25% WI)
- Cade Production LLC (20.8%)
- Panther Energy, Inc. (2.6%)
- Thomas P. Tenneson (2.6%)

On 21 October 2014, the Company announced that it had entered into definitive agreements to acquire an interest in over 15,600 acres in the area known as the Central Kansas Uplift, made up of 204 separate leases in a number of counties in Kansas. ABL and its partners in the CKU project have established a joint venture entity, Lodestone Resources LLC (Lodestone) which holds the group's interests in the CKU project. Abilene owns 49% of the equity of Lodestone and has one of the three managers (i.e. Directors) of that entity. Lodestone acquired the first land package (5,078 acres) in October 2014, including all rights to the completed 3D seismic. Lodestone paid US\$1,497m to the landowners.

On 9 April 2015, the Company announced that it agreed to fund its share of the second option to acquire further acreage and leases in the Central Kansas Uplift Project ('CKU Project'). Through the second option payment, Lodestone acquired a further 5,178 acres.

On 16 December 2015, the Company announced that it had agreed to fund and exercise the third and final option to acquire further acreage and leases in the Central Kansas Uplift Project ('CKU Project'). Following the acquisition of the third and final option payment, Lodestone acquired a further 5,378 acres.

The CKU project is a low risk exploration and appraisal joint venture in the Central Kansas Uplift area. The project goal is to mature up to an initial 50 drillable locations in the first land package, by shooting 3D seismic in areas adjacent to existing (and mature oil fields). The use of 3D allows the joint venture to recognise smaller drilling targets than can be detected by geologic mapping. The use of 3D seismic is expected to lower the drilling risk.

Below is a summary of the Lodestone wells currently in operation:

Well	County/State	ABL Equity	Status	Exploration Production during quarter
Claflin # 1-35 & # 2-35	Barton County, Kansas	49%	Operating	4,124
Woelk #1 -21	Russell County, Kansas	49%	Operating	816
Woelk #1 -19	Russell County, Kansas	49%	Operating	637
Homolka # 1-35	Barton County, Kansas	14.7%	Operating	330
Claflin #1-34 <sup>1</sup>	Barton County, Kansas	49%	Operating	-
Woelk #1-18	Russell County, Kansas	49%	Operating	657
Ames-Robl #1-19	Rice County, Kansas	49%	Operating	317
Bushton #1-36 & # 2-36	Ellsworth County, Kansas	49%	Operating	802
Bushton #1-20	Ellsworth County, Kansas	49%	Operating	1,465
Susank #1-29	Barton County, Kansas	49%	Operating	490
Bushton #1-30	Ellsworth County, Kansas	49%	Operating	1,138
Susank B #1-5 & #2-5	Barton County, Kansas	49%	Operating	4,625

<sup>#</sup> All reported operating rates are based on information provided by the operator.

<sup>1</sup>The Joint Venture Partner temporarily put production on hold.

The gross production during the quarter by the joint venture was 15,401 Bbls.

Gross oil revenue and associated lease operating costs (including taxes) of Lodestone's production for the quarter, including ABL's share, were as follows:

Joint Venture		ABL Share	
Gross Revenue	US \$502,057	Revenue	US \$246,008
Gross Expenses*	US \$175,216	Expenses*	US \$85,856

\* It is noted that the above results are yet to be audited and it is noted that all cash flows from Lodestone have yet to be received by ABL and remained in Lodestone LLC during the quarter. The company expects to begin to receive cash injections back from Lodestone during the coming quarters.

### Pratt County Prospect Joint Venture

**Operator** – CMX Inc. (CMX) is the operator of the project

- Located in Pratt County, Kansas USA

Joint venture working interest structure (Net revenue interest 80%):

- Abilene – 49%
- CMX – 25%
- Cade Production LLC – 26%

During the September 2015 quarter, Abilene entered into a joint venture agreement in relation to the Pratt County Prospect, which is located in Pratt County, Kansas, T27S, R14W, prospect, and covers approximately 2,560 acres, between the city of Pratt and Greensburg, Kansas in south-central Kansas and includes nine

leases. The regional setting is the Anadarko Basin, west of the Pratt Anticline. Local structural anticlines and synclines along with a stratigraphic element provide the trap for hydrocarbon accumulation in numerous carbonate zones and sand reservoirs within the Lansing-Kansas City, Mississippian, Viola and Simpson formations. The prospect is situated amongst known multi-pay pools.

The prospect will target prospective zones based upon the results of 3D seismic carried out by CMX. A nearby excellent “show hole” confirms the presence of hydrocarbons in the Lansing-Kansas City and Ordovician reservoirs and based upon the results of the 3D survey, drilling targets are currently being assessed.

Abilene’s share of costs associated with the acquisition of acreage, geology and geophysics work was US \$220,667.

During June 2016, the Joint Venture drilled the Aussie #1-16 and Money Shot #1-21 wells, both wells were drilled to a total depth of 4,780 feet. Both wells ran production casing in an attempt to complete the wells as potential producers. Further testing will need to be completed before the joint venture operator can confirm the economic potential of each well. The initial production information is detailed below.

The gross production during the quarter by the joint venture was:

Oil: 1,467 Bbls

Gross oil and gas revenue and associated lease operating costs (including taxes) for the joint venture production for the quarter, including ABL’s share, were as follows:

Joint Venture		ABL Share	
Gross Revenue	US \$61,084	Revenue	US \$23,945
Gross Expenses	US \$39,893	Expenses	US \$19,272

## Rawlins County Prospect Joint Venture

**Operator** – CMX Inc. (CMX) is the operator of the project

- Located in Rawlins County, Kansas USA

Joint venture working interest structure (Net revenue interest 80%):

- Abilene – 49%
- CMX – 25%
- Cade Production LLC – 26%

During August 2015, Abilene entered into a joint venture agreement in relation to the Rawlins County Prospect which is located in Rawlins County, Kansas T.1S-R33W, approximately 8 miles north of the town of Atwood in extreme northwest Kansas and covers approximately 800 acres and includes 5 leases. The regional setting is the Anadarko Basin, east of the western flank of the Cambridge Arch (Ancestral Central Kansas Uplift). Locally, the prospect is located within a vast area of cyclic deposition of Lansing-Kansas City sediments on a portion of a broad epeiric shelf. Fluctuations in sea level over the Kansas shelf and variation in terrigenous clastic influx are proposed as the major processes that produced the Lansing-Kansas City alternating sequence of carbonate and clastic sediments representing marine, shoreface, and continental environments. Locally structural anticlines and synclines provide the trap for hydrocarbon accumulation in numerous carbonate zones within the Lansing-Kansas City Super Group.

The prospect is located within the producing confines of the Drift Southeast Pool and within close Proximity Pools productive from the Lansing-Kansas City. The prospect will target prospective zones within the Lansing-Kansas City based upon the results of a large group 3D seismic shoot by locally active Operators. The Company along the joint venture operator are currently reviewing potential drill targets.

Abilene's share of costs associated with the acquisition of acreage, geology and geophysics work was US \$84,250.

The joint venture operator is continuing to review the land package for potential drilling prospects.

### **Rodinia Resources LLC (Logan County Project)**

**Operator** – CMX Inc. (CMX) is the operator of the project

- Located in Logan County, Kansas USA

Working Interest and ownership structure (Net revenue interest 80%):

- Abilene – 49%
- CMX – 25%
- Cade Production LLC – 20.8%
- Panther Energy, Inc. – 2.6%
- Thomas P. Tenneson – 2.6%

During August 2015, Abilene and its partners in the Logan County Project established a joint venture entity, Rodinia Resources LLC (**Rodinia**), to hold the group's interests in the Logan County Project. Abilene will own 49% of Rodinia and have one of the three managers (i.e. Directors) of that entity as a representative of the Company.

### **Project Status**

The Logan County Prospect is a 9,530 acre wildcat project located in T14S, R36W in Logan County, Kansas, approximately 25 miles east of the town of Sharon Springs in north-western Kansas and includes 35 leases. Regionally, this prospect is located near the north flank of the Hugoton Embayment, which plunges to the southward towards the Anadarko Basin, and the easternmost edge of the Las Animas Arch of eastern Colorado. Throughout the lower Pennsylvanian time, specifically Morrowan age, this was a fluvial-deltaic environment, known for the deposition of incised valley channel sandstones. These have proven to be prolific reservoir west of our prospect area. Additionally, carbonates of Cherokee, Marmaton, and Lansing-Kansas City age are proving to be an excellent reservoir in several new discoveries south, north and east of our prospect acreage. A new Lansing –Kansas City and Marmaton field to the east has produced over 400 MBO in less than 1 year. Many of these new wells was reported completed for in excess of 150 BOPD. These new fields appear to have a geographic distribution of 2-3 square miles and were discovered using 3D seismic evaluation.

### **Joint Venture Strategy**

The operator proposes a 3D seismic shoot over the prospect acreage to define areas that have positive structural features for drill site selection. The 3D survey will likely commence during the first half of 2017 with the drilling targets reviewed.

### **Corporate Update**

The total number of fully paid ordinary shares on issue as at the date of this report is 397,614,352.

### **Funding**

On 28 October 2016, the consolidated entity was granted an extension to the current short-term loans provided by a related entity of Mr Paul Salter, MAP Capital Pty Ltd and a related entity of Mr Craig Mathieson, Mathieson Downs Pty Ltd. The loans amounting to \$400,000 (MAP Capital) and \$400,000 (Mathieson Downs) are now repayable by the earlier of 30 April 2017 or the completion of a minimum capital raising of \$1.5 million or such other date that the Lender and Borrower agree in writing.

Subsequent to the end of the quarter, the consolidated entity entered into a Loan Agreement with a related entity of Mr Craig Mathieson, Holdrey Pty Ltd ('Holdrey'), to secure further short term funding for the Company. Under the Agreement, Holdrey will provide the Company with an additional \$200,000 loan in order to fund the Company's oil and gas activities and working capital requirements. The loan provided by Holdrey will bear interest of 8% per annum with a repayment date of 30 April 2017 and is an unsecured loan.

### Interests in Petroleum Tenements

Below is a listing of the Company's interests in Petroleum tenements as at 31 December 2016:

Petroleum Tenement	Location	Beneficial Percentage held	Interest acquired/farm-in during the quarter	Interest disposed/farm-out during the quarter
Klick East Oil Field	Woods County, Oklahoma, USA	49.2% Working Interest	-	-
Welch-Bornholdt Wherry Oil Fields	Rice and McPherson Counties, Kansas USA	50% Working Interest	-	-
Mount Outlook Prospect (Morrison Oil Fields)	Clark County, Kansas USA	50% Working Interest	-	-
Kinsley Prospect	Edwards County, Kansas USA	35% Working Interest	-	-
CKU Project	Russell, Rice, Ellsworth and Barton Counties, Kansas USA	49% Working Interest	-	-
Rodinia Project (Logan County Project)	Logan County, Kansas USA	49% Working Interest	-	-
Rawlins County Prospect	Logan County, Kansas USA	49% Working Interest	-	-
Pratt County Prospect	Pratt County, Kansas USA	49% Working Interest	-	-
Harpia Oil Field and Guara Oil Field	Sergipe-Alagoas Basin, on-shore Brazil	40% interest	-	-

### Glossary

- ABL** - Abilene Oil and Gas Limited  
**Bbl** - One barrel of crude oil  
**BOPD** - Barrels of oil per day  
**Mcf** - Once thousand cubic feet (natural gas volumetric measurement)

#### **Cautionary statement**

Abilene advises that all reported average production results are based on reported amounts provided by the operator of the projects. The average production rates cannot yet be determined, as a number of the wells are not flowing continuously and are still been assessed by the joint venture.

## Appendix 5B

# Mining exploration entity and oil and gas exploration entity quarterly report

Introduced 01/07/96 Origin Appendix 8 Amended 01/07/97, 01/07/98, 30/09/01, 01/06/10, 17/12/10, 01/05/13, 01/09/16

### Name of entity

ABILENE OIL AND GAS LIMITED

### ABN

41 000 752 849

### Quarter ended ("current quarter")

31 DECEMBER 2016

Consolidated statement of cash flows		Current quarter	Year To Date (6 months)
<b>1.</b>	<b>Cash flows from operating activities</b>		
1.1	Receipts from customers	1,909	2,125
1.2	Payments for		
	(a) exploration & evaluation	(23,520)	(281,353)
	(b) development	-	-
	(c) production	-	-
	(d) staff costs	-	-
	(e) administration and corporate costs	(6,342)	(47,723)
1.3	Dividends received (see note 3)	-	-
1.4	Interest received	-	-
1.5	Interest and other costs of finance paid	-	-
1.6	Income taxes paid	-	-
1.7	Research and development refunds	-	-
1.8	Other (Royalty received)	-	1,336
<b>1.9</b>	<b>Net cash from / (used in) operating activities</b>	<b>(27,953)</b>	<b>(325,615)</b>

<b>2.</b>	<b>Cash flows from investing activities</b>		
2.1	Payments to acquire:		
	(a) property, plant and equipment	-	-
	(b) tenements (see item 10)	-	-
	(c) investments	-	-
	(d) other non-current assets	-	-



<b>Consolidated statement of cash flows</b>		<b>Current quarter</b>	<b>Year To Date (6 months)</b>
2.2	Proceeds from the disposal of:		
	(a) property, plant and equipment	-	-
	(b) tenements (see item 10)	-	-
	(c) investments	-	-
	(d) other non-current assets	-	-
2.3	Cash flows from loans to other entities	-	-
2.4	Dividends received (see note 3)	-	-
2.5	Other (provide details if material)	-	-
<b>2.6</b>	<b>Net cash from / (used in) investing activities</b>	-	-

<b>3.</b>	<b>Cash flows from financing activities</b>		
3.1	Proceeds from issues of shares	-	-
3.2	Proceeds from issue of convertible notes	-	-
3.3	Proceeds from exercise of share options	-	-
3.4	Transaction costs related to issues of shares, convertible notes or options	-	-
3.5	Proceeds from borrowings	-	250,000
3.6	Repayment of borrowings	-	-
3.7	Transaction costs related to loans and borrowings	-	-
3.8	Dividends paid	-	-
3.9	Other (provide details if material)	-	-
<b>3.10</b>	<b>Net cash from / (used in) financing activities</b>	-	<b>250,000</b>

<b>4.</b>	<b>Net increase / (decrease) in cash and cash equivalents for the period</b>		
4.1	Cash and cash equivalents at beginning of period	38,059	85,834
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(27,953)	(325,615)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	-	-
4.4	Net cash from / (used in) financing activities (item 3.10 above)	-	250,000
4.5	Effect of movement in exchange rates on cash held	226	113
<b>4.6</b>	<b>Cash and cash equivalents at end of period</b>	<b>10,332</b>	<b>10,332</b>

5. <b>Reconciliation of cash and cash equivalents</b> at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts	Current quarter \$A'000	Previous quarter \$A'000
5.1 Bank balances	10	38
5.2 Call deposits	-	-
5.3 Bank overdrafts	-	-
5.4 Other (provide details)	-	-
<b>5.5 Cash and cash equivalents at end of quarter (should equal item 4.6 above)</b>	<b>10</b>	<b>38</b>

**6. Payments to directors of the entity and their associates**

- 6.1 Aggregate amount of payments to these parties included in item 1.2
- 6.2 Aggregate amount of cash flow from loans to these parties included in item 2.3
- 6.3 Include below any explanation necessary to understand the transactions included in items 6.1 and 6.2

Current quarter \$A'000
-
-

N/A

**7. Payments to related entities of the entity and their associates**

- 7.1 Aggregate amount of payments to these parties included in item 1.2
- 7.2 Aggregate amount of cash flow from loans to these parties included in item 2.3
- 7.3 Include below any explanation necessary to understand the transactions included in items 7.1 and 7.2

Current quarter \$A'000
-
-

N/A

**8. Financing facilities available**

*Add notes as necessary for an understanding of the position*

- 8.1 Loan facilities
- 8.2 Credit standby arrangements
- 8.3 Other (please specify)

Total facility amount at quarter end \$A'000	Amount drawn at quarter end \$A'000
3,500	3,500
-	-
-	-

- 8.4 Include below a description of each facility above, including the lender, interest rate and whether it is secured or unsecured. If any additional facilities have been entered into or are proposed to be entered into after quarter end, include details of those facilities as well.

The lenders of the loan facilities listed above are payable to director related entities of Mr Craig Mathieson (Mathieson Downs Pty Ltd) and Mr Paul Salter (MAP Capital Pty Ltd). The loans bear interest of 8% per annum and are unsecured loans. Repayment dates are as follows:

- \$800,000 – 30 April 2017
- \$1,350,000 – 12 October 2017
- \$1,350,000 – 18 August 2017

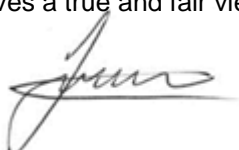
9.	Estimated cash outflows for next quarter	\$A'000
9.1	Exploration and evaluation	-
9.2	Development	-
9.3	Production	-
9.4	Staff costs	-
9.5	Administration and corporate costs	20
9.6	Other (provide details if material)	-
<b>9.7</b>	<b>Total estimated cash outflows</b>	<b>20</b>

10.	Changes in tenements (items 2.1(b) and 2.2(b) above)	Tenement reference and location	Nature of interest	Interest at beginning of quarter	Interest at end of quarter
10.1	Interests in mining tenements and petroleum tenements lapsed, relinquished or reduced	-	-	-	-
10.2	Interests in mining tenements and petroleum tenements acquired or increased	-	-	-	-

### Compliance statement

- This statement has been prepared in accordance with accounting standards and policies which comply with Listing Rule 19.11A.
- This statement gives a true and fair view of the matters disclosed.

Sign here:



Date: 31 JANUARY 2017

Company Secretary

Print name:

JUSTIN MOUCHACCA

### Notes

- The quarterly report provides a basis for informing the market how the entity's activities have been financed for the past quarter and the effect on its cash position. An entity that wishes to disclose additional information is encouraged to do so, in a note or notes included in or attached to this report.
- If this quarterly report has been prepared in accordance with Australian Accounting Standards, the definitions in, and provisions of, AASB 6: Exploration for and Evaluation of Mineral Resources and AASB 107: Statement of Cash Flows apply to this report. If this quarterly report has been prepared in accordance with other accounting standards agreed by ASX pursuant to Listing Rule 19.11A, the corresponding equivalent standards apply to this report.
- Dividends received may be classified either as cash flows from operating activities or cash flows from investing activities, depending on the accounting policy of the entity.