

21 April 2023

## Quarterly report for the period ending 31 March 2023

Bass Oil Limited (ASX:BAS) is an Australian-listed oil producer that holds a majority interest in eight permits in the Cooper Basin (Australia) including the 100% owned Worrior and Padulla oil fields and a 55% interest in a South Sumatra Basin (Indonesia) KSO. The Company is debt free and committed to creating value by leveraging the competitive strengths of its team, operating capability, reputation, and relationships in both Australia and Indonesia.

### Highlights

- Cooper Basin oil production a record 8,800 barrels for the March 2023 quarter, up 18%
- Quarterly oil sales were US\$1.37 million at an average price of US\$79.03 per bbl
- Cash increased 19.7% to US\$1.76 million over the December 2022 quarter
- Bass production during the March 2023 quarter was 27,880 barrels, averaging 310 bopd
- Geophysical mapping underway to determine the upside potential of the Kiwi gas discovery with planning commenced for completion and extended production testing of Kiwi 1

### Bass Oil Managing Director, Mr Tino Guglielmo, commented:

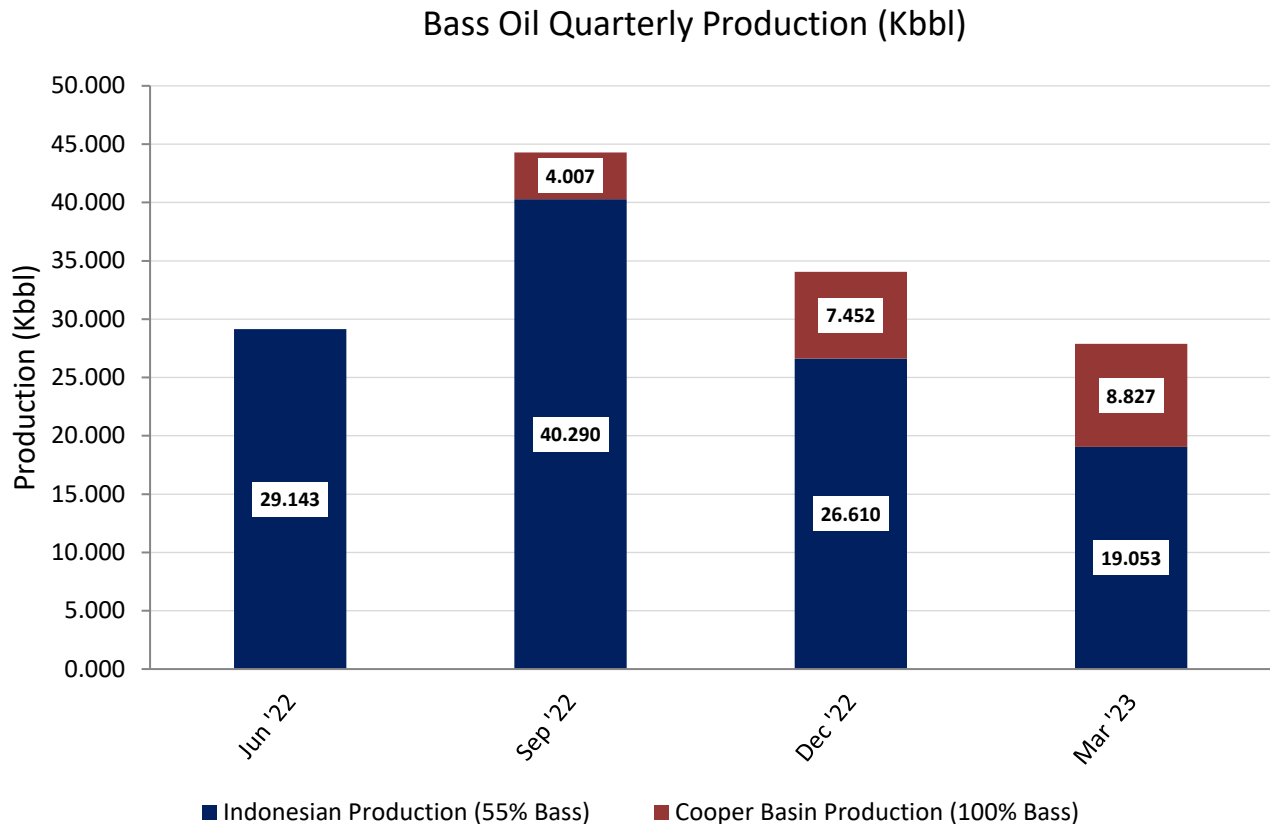
*"The Cooper Basin continues to deliver for Bass with production increasing every quarter since its acquisition last year. The Cooper portfolio is also revealing further upside gas potential particularly in Bass' northern permits surrounding the Kiwi discovery and the deep coal gas play identified in PEL 182. The 2023 work program is well underway and focused on growing the Company into a mid-tier oil and gas producer."*

Key Performance Metrics	Mar Qtr Q1 FY23	Dec Qtr Q4 FY22	Qtr on Qtr Change	2023 YTD	2022 YTD	Yr on yr Change
Net Production <sup>1</sup> (mdbl)	27.88	34.06	-18.2%	27.88	16.88	65.2%
Net Oil Sales <sup>1</sup> (mdbl)	26.15	31.86	-17.9%	26.15	16.61	57.4%
Net Entitlement to Bass (mdbl)	17.15	18.91	-9.3%	17.15	8.14	110.7%
Sales Revenue (US\$M)	1.37	1.64	-16.6%	1.37	0.84	62.9%
Average Realised Oil Price	79.03	85.60	-7.7%	79.03	98.85	-20.1%
Cash (US\$M)	1.76	1.47	19.7%	1.76	1.84	-4.3%

Note 1: Net Indonesian Production and Sales are reported at 55% share and excludes the deduction of Domestic Market Obligation (DMO)

Note 2: The Key Performance Metrics, including Net Entitlement to Bass, for Mar Qtr Q1 FY23 & Dec Qtr Q4 FY22 include both Cooper Basin and Indonesian results (net of DMO)

## Production



Production for the March quarter was 27,880 barrels of oil down from 34,062 barrels in the December quarter. This was due to natural field decline and unplanned downtime in Indonesia partially offset by increased Cooper Basin production.

## Oil Price

Bass realised an average oil price for the March 2023 quarter of US\$79.03, a 7.7% decrease on the December 2022 quarter. Bass oil sales in Indonesia are tied to ICP crude pricing which in turn is linked to the benchmark Brent crude. Cooper Basin oil sales are also linked to the benchmark Brent crude. The Company has no oil hedges in place.

## AUSTRALIA

### Cooper Basin Oil

This is the third quarter for reporting on operations in the Cooper Basin since Bass assumed ownership and operatorship effective on 1 August 2022.

			Mar Qtr Q1 FY23	Dec Qtr Q4 FY22	Qtr on Qtr change
<b>Sales Volume</b>					
Crude oil	bbls		7,132	4,753	50.1%
<b>Total sales volume</b>			7,132	4,753	50.1%
<b>Total sales revenue</b>	USD million		\$0.58	\$0.41	41.5%
<b>Production</b>					
Crude oil	bbls		8,827	7,452	18.4%
<b>Total production</b>			8,827	7,452	18.4%
Capital expenditure	USD million		\$0.41	-	na

Production for the March quarter increased to ~98 bopd on average up 18% over the December 2022 quarter, a new record. Bass has been able to further increase production to over 117 bopd, recorded at the end of the quarter. This was as a result of the impact of the Worrior 11 workover which cost ~\$US0.41 million, incurred this quarter.

Revenue for the quarter from the Cooper Basin was US\$0.58 million (A\$0.85 million) from the sale of 7,132 barrels of oil, up 50% from sales in the December 2022 quarter for 4,753 barrels.

### Oil Price

The Company received an average oil price for the March 2023 quarter of US\$80.98 (A\$118.36), down 7.2% from the December 2022 quarter.

### Worrior and Padulla Oil Fields (Bass 100%)

The Worrior and Padulla fields are currently producing from four wells on pump, and two wells on natural flow. A further four wells remain shut in. The fields were producing 65 bopd in total on 1 August 2022 when Bass took over ownership. At the end of the quarter the field were producing at 117 bopd, an uplift of 80%.

#### Worrior 11 Recompletion

During the quarter, a workover rig was mobilised to the Worrior 11 location to convert the well to an oil producer from the McKinlay oil reservoir. The workover was designed to access undrained oil from the highest point in the field, the attic. The well has commenced production and initial results confirm the presence of undrained oil in the McKinlay oil reservoir. The field production is currently being optimised and total production is now up to over 120 bopd.

Initial results have given confidence to perforate an additional higher productivity interval lower in the McKinlay oil column, interpreted to still be in the oil zone. The perforations will be added cost effectively through-tubing. This work is expected to occur in May.

Once the additional perforations are added Worrior 11 is expected to increase Bass' total Cooper Basin oil production to 300 bopd at a time of sustained high oil prices.

#### Worrior Murta development

The Worrior Murta reservoir has never been developed. Previous operators have assessed it as capable of containing up to 1 million barrels of oil contingent resources (3C). This reservoir is the same reservoir that is currently in production at Bass' Padulla oilfield nearby. The objective is to test the oil production potential of this reservoir following fracture stimulation. Bass has commenced the design and planning of this program and is looking to complete the work in late 2023.

### Jet Pump Expansion

Existing infrastructure at the Worrior facility can accommodate up to three power fluid pumps operating in parallel. The pumps provide artificial lift power fluid to increase production from the wells. Worrior is currently operating with one power fluid pump online which is insufficient to provide artificial lift to all the wells. Bass is awaiting delivery of all equipment and materials to site to recommission a second pump. The second pump is currently scheduled for commissioning early in the third quarter of 2023. This additional power fluid will be deployed to return the remaining wells to artificial lift which should result in a further increase in production and provide an in-built contingency for any unplanned downtime with either of the two power fluid pumps.

## Cooper Basin Gas

### Ex PEL 90K Kiwi (Bass 100%)

Kiwi 1 was drilled in 2003 as an exploration well, resulting in a Callamura Member gas discovery which flow tested at 9.6 mmscfd. The discovery was assessed to contain a mean recoverable resource of 3.0 bcf in the structural trap. A 3D seismic survey subsequently acquired over the area has revealed significant upside via a potential stratigraphic trapping play. The Bass technical team is currently undertaking a detailed mapping effort using the 3D survey to quantify the upside potential.

Concurrently, Bass has commenced the design and planning effort to complete the Kiwi 1 well later in 2023 and perform an extended production test in order to confirm the gas composition and potential field size. Kiwi 1 is cased and suspended and has never been completed for production or tested.

### Ex PEL 182 (Bass 100%)

#### Deep Permian Coal Gas

On 16 November 2022 Bass announced the results of an independent study carried out by geological experts, Fluid Energy Consultants (Fluid) into the prospectivity of the gas bearing potential of the deep coals in this permit.

**The Deep Coal Gas Prospective Resource Report quantified the gas potential contained in PEL 182 (Figure 1) at a “best estimate” of 21 TCF of gas in place along with and accompanying 845 million barrels of condensate/oil in place.**

Gas in the Permian aged coals of the Toolachee, Epsilon and Patchawarra formations has flowed at potentially commercial rates after fracture stimulation.

Santos and the Cooper Basin Joint Venture has been working on commercialising these coals. More recently, Santos has drilled, and fracture stimulated the Beanbush 3 horizontal well in a permit adjacent to PEL 182, in the same geological setting and on trend in the Patchawarra Trough (Figure 2).

Table 1: Total OHIP and Associated Liquids in the Ground in PEL 182

Deep Coal	Top Depth (m)	Area (Km <sup>2</sup> )	Net Coal (m)	Hydrocarbon Density (BCF/KM <sup>2</sup> )	OHIP (BCF)	Condensate Ratio (Bbl/MMscf)	Liquids in Place (MMBbl)
Toolachee	2,930	627	13.5	13.6	8,527	40	341.1
Epsilon	2,970	590	4.3	4.3	2,524	40	101.0
Patchawarra	3,030	600	16.7	16.8	10,071	40	402.8
<b>Total</b>			<b>34.5</b>	<b>34.7</b>	<b>21,122</b>		<b>844.9</b>

Bass and Fluid have defined a prospective area, named the Moolion East Deep Coal Prospect, within the permit where a pilot horizontal well or wells would be best placed to test the deep coal play (Figure 2).

The assessed Prospective Resource of the Moolion East deep coal prospect is 568 bcf of gas and 22.7 million barrels of condensate (oil).

*Table 2: Moolion East Deep Coal Gas and Oil Best Estimate (2U) Prospective Resources as Assessed by Fluid*

Deep Coal	Top Depth (m)	Area (Km <sup>2</sup> )	Net Coal (m)	Hydrocarbon Density (BCF/KM <sup>2</sup> )	OHIP (BCF)	Prospective Gas Resource (BCF)	Prospective Liquids Resource (MMBbl)
Toolachee-Epsilon	2,930	60	32.0	30.1	1,821	273	10.9
Patchawarra	3,030	60	32.4	32.5	1,966	295	11.8
<b>Total</b>			<b>62.4</b>	<b>62.6</b>	<b>3,788</b>	<b>568</b>	<b>22.7</b>

The method for developing this significant resource is expected to be similar to the successful shale gas plays in North America by horizontal drilling and fracture stimulation.

Bass continues to plan and develop its strategy to progress the commercialisation of the deep coal resource in the PEL 182 permit as part of its overall gas commercialisation strategy which include the Kiwi gas discovery. The Company will provide updates to the market on developments as appropriate.

See ASX Announcement “Significant Gas Resource Identified in PEL 182 (Bass 100%)”, released 16 November 2022 for further information

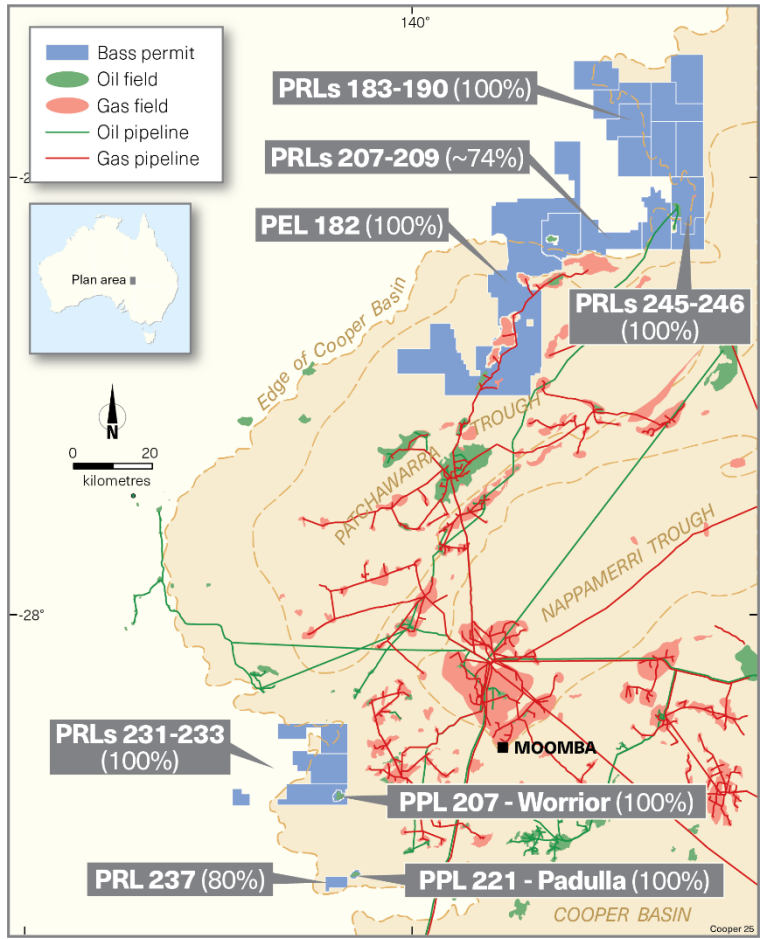


Figure 1: Location Map PEL 182

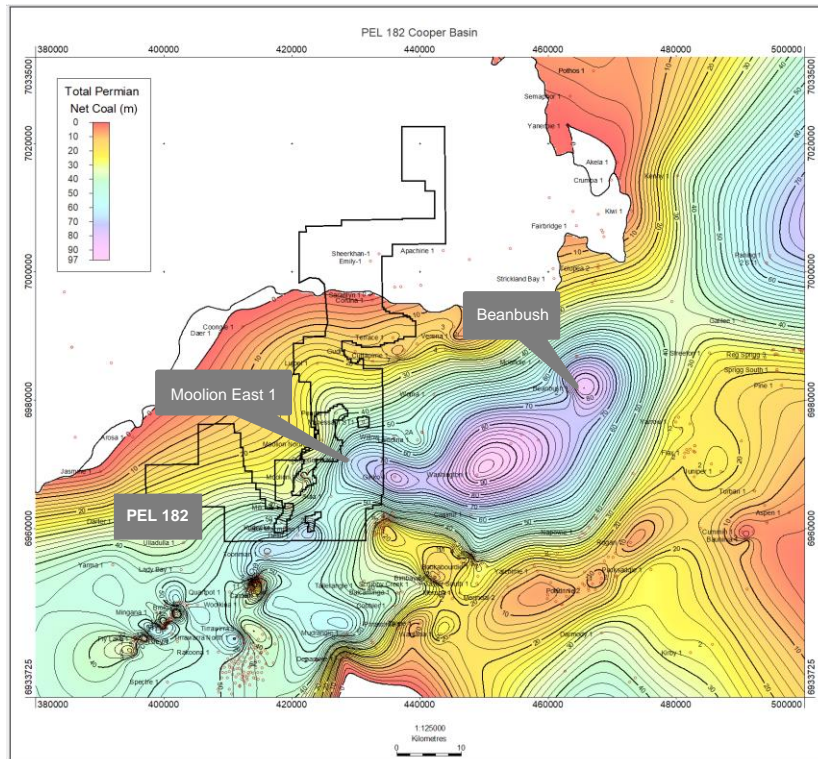
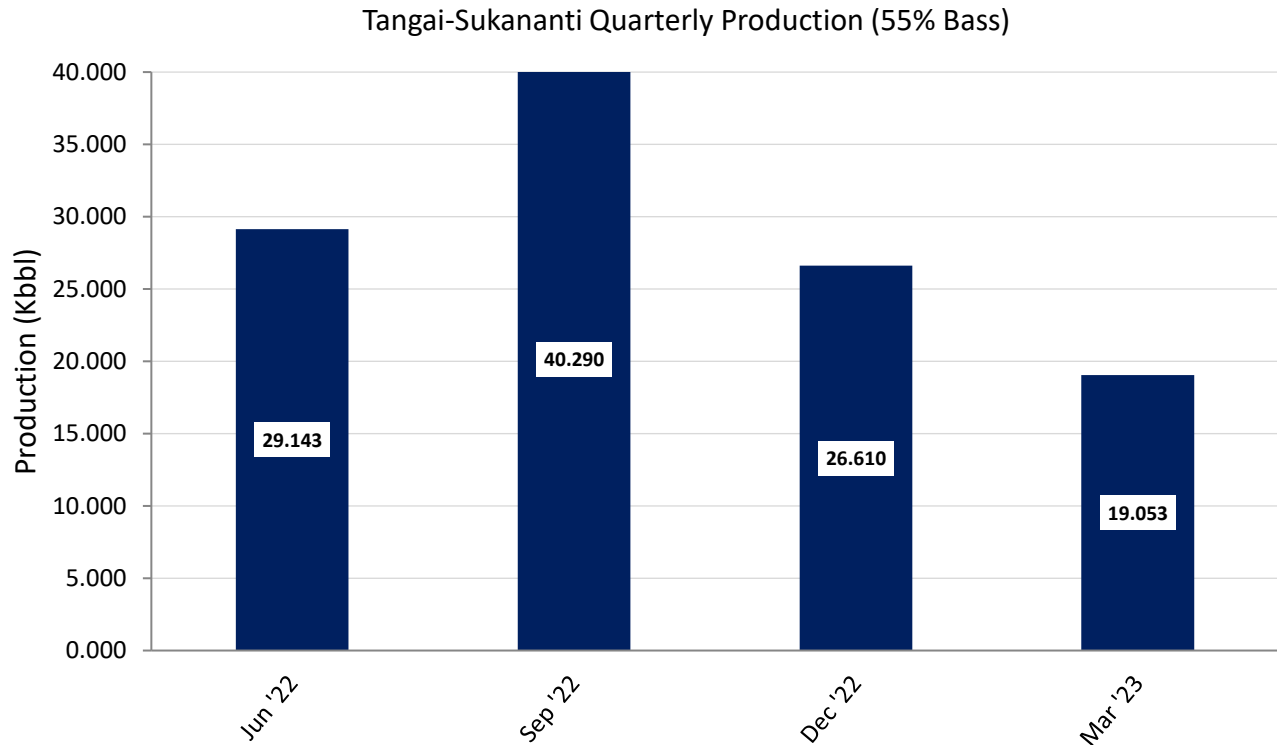


Figure 2: Total net Permian coal thickness in the Patchawarra Trough

## INDONESIA

### Production



The Company produced 19,053 barrels of oil (Bass share) during the quarter and sold 19,019 barrels of oil (Bass share). The net entitlement oil to Bass was 10,015 barrels for the March 2023 quarter a decrease of 29% after Domestic Market Obligation (DMO).

Production was impacted by natural decline as well as unplanned downtime at the Bunian 3 well for flow line repairs. Bunian 3 is back online and continues to clean up.

The subsurface team is planning a well optimisation program in the June quarter. This activity revolves around removing bottlenecks which restrict production from the two highest producing wells in the fields, Bunian 3 and Tangai 5. This work should result in an increase in daily production commencing in April.

### Field Development

The Tangai 5 well continued to boost overall field production in the March quarter. The subsurface team is integrating the results from this well into the field reservoir models. Bunian field performance and the Tangai 5 well result gives encouragement for future drilling in the KSO (Figure 3).

Bass has started planning for a future drilling program which will likely include the Bunian 6 development well, targeting the undrained oil in the southwest of the Bunian field.

## Oil Price

Bass oil sales in Indonesia are tied to ICP crude pricing which in turn is linked to the benchmark Brent crude. The Company realised an average oil price for the March 2023 quarter of US\$83.91.

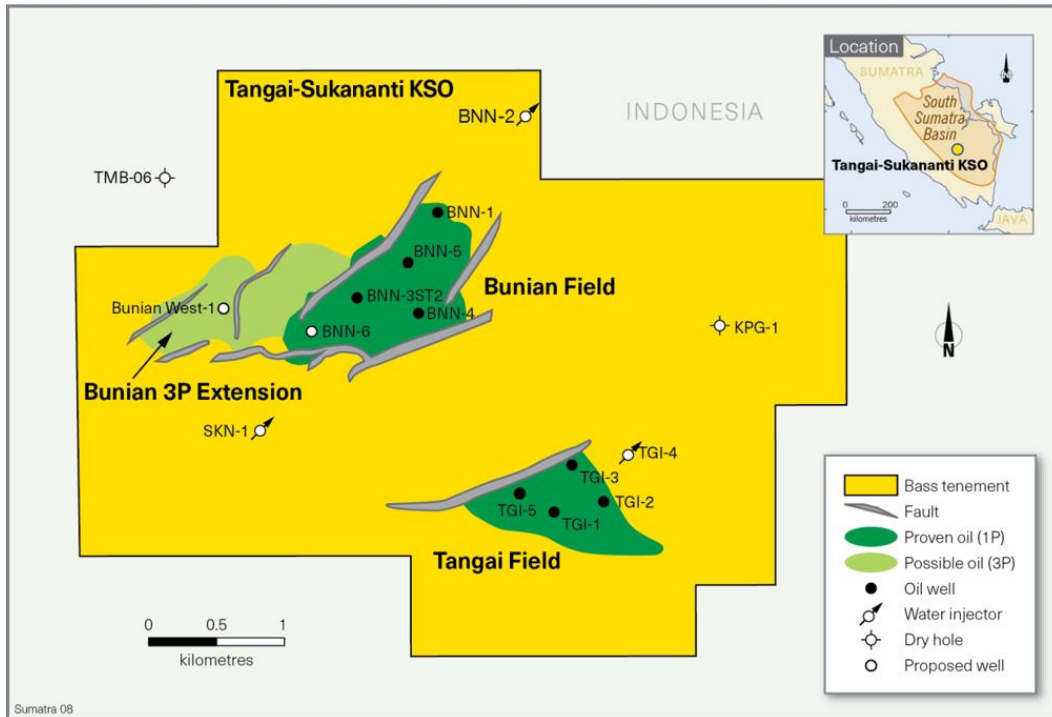


Figure 3: Tangai-Sukananti KSO Location Map



## CORPORATE

### Cash Position

As of 31 March 2023, Bass' cash reserves increased 19.7% on the December 2022 quarter to US\$1.76 million (or some A\$2.62 million). The cash reserves exclude US\$1.54 million (or A\$2.28 million) in cash which has been placed on deposit to support a rehabilitation bond in favour of the South Australian Department of Energy and Mining for the future rehabilitation of wells and facilities being acquired. The Company carries no debt.

### Revenue

Oil sales for Bass totaled US\$1.37 million in the March 2023 quarter, an increase of 63% on the comparative quarter in 2022. This is primarily a result of the acquisition of the Cooper Basin oil fields on 1 August 2022.

## TENEMENT HOLDINGS

Tenement	Location	Interest owned	Interest acquired/farm in during the quarter	Interest disposed/farm out during the quarter
Tangai-Sukananti KSO	Indonesia	55%	-	-
PPL 207 (Worrior)	Cooper Basin	100%	100%	-
PPL 221 (Padulla)	Cooper Basin	100%	100%	-
PRL's 231-233 (Ex PEL 93)	Cooper Basin	100%	100%	-
PRL's 237 (Ex PEL 93)	Cooper Basin	80%	80%	-
PRL's 207-209 (Ex PEL 100)	Cooper Basin	~74%	~74%	-
PRL's 183-190 (Ex PEL 110)	Cooper Basin	100%	100%	-
PRL's 245-246 (Ex PEL 90K) (Kiwi)	Cooper Basin	100%	100%	-
PEL 182	Cooper Basin	100%	100%	-

This ASX announcement was authorised for release by the Bass Oil Limited Board of Directors.

**For further information, please contact:**

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## Glossary

<b>BOPD</b>	Barrels of oil per day
<b>BOEPD</b>	Barrels of oil equivalent per day
<b>mdbl</b>	Thousands of barrels of oil
<b>mmbbl</b>	Millions of barrels of oil
<b>DMO</b>	Domestic Market Obligation (for Oil)
<b>JV</b>	Joint Venture
<b>TS</b>	Tangai-Sukananti KSO
<b>KSO</b>	'kerja sama operasi' (Indonesian) – meaning an operation cooperation contract
<b>Qtr</b>	Quarter
<b>Qtr on Qtr</b>	Quarter on Quarter
<b>Yr</b>	Year
<b>Yr on Yr</b>	Year on Year
<b>US\$m</b>	Millions of United States of America dollars

### About Bass Oil Limited:

Bass Oil Limited (ASX:BAS) is an Australian-listed oil producer that holds a majority interest in eight permits in the Cooper Basin (Australia) including the 100% owned Worrior and Padulla oil fields and a 55% interest in a South Sumatra Basin (Indonesia) KSO. The Company is debt free and committed to creating value by leveraging the competitive strengths of its team, operating capability, reputation, and relationships in both Australia and Indonesia.

As of March 2023, Bass' production totalled ~308 bopd from Indonesia and Australia. Bass is building towards a substantial onshore Australian and Indonesian oil & gas business with a clear focus on expanding production in the Cooper Basin and in South Sumatra. Bass has a strong and committed shareholder base with the Board and management holding over 10% of the issued capital.

## Appendix 5B

### Mining exploration entity or oil and gas exploration entity quarterly cash flow report

Name of entity

<b>BASS OIL LIMITED</b>
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ABN

<b>13 008 694 817</b>
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Quarter ended ("current quarter")

<b>31 March 2023</b>
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<b>Consolidated statement of cash flows</b>	<b>Current quarter \$USD'000</b>	<b>Year to date (3 months) \$USD'000</b>
<b>1. Cash flows from operating activities</b>		
1.1 Receipts from customers	1,125	1,125
1.2 Payments for		
(a) exploration & evaluation (if expensed)		
(b) development		
(c) production	(530)	(530)
(d) staff costs		
(e) administration and corporate costs	(212)	(212)
1.3 Dividends received (see note 3)		
1.4 Interest received	2	2
1.5 Interest and other costs of finance paid	(1)	(1)
1.6 Income taxes paid	(69)	(69)
1.7 Government grants and tax incentives		
1.8 Other (provide details if material)		
<b>1.9 Net cash from / (used in) operating activities</b>	<b>315</b>	<b>315</b>

<b>2. Cash flows from investing activities</b>		
2.1 Payments to acquire:		
(a) entities		
(b) tenements		
(c) property, plant and equipment	(42)	(42)
(d) exploration & evaluation (if capitalised)		
(e) investments		
(f) other non-current assets		

## Mining exploration entity or oil and gas exploration entity quarterly cash flow report

<b>Consolidated statement of cash flows</b>		<b>Current quarter \$USD'000</b>	<b>Year to date (3 months) \$USD'000</b>
2.2	Proceeds from the disposal of:		
	(a) entities		
	(b) tenements		
	(c) property, plant and equipment		
	(d) investments		
	(e) 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>(42)</b>	<b>(42)</b>
<b>3.</b>	<b>Cash flows from financing activities</b>		
3.1	Proceeds from issues of equity securities (excluding convertible debt securities)		
3.2	Proceeds from issue of convertible debt securities		
3.3	Proceeds from exercise of options		
3.4	Transaction costs related to issues of equity securities or convertible debt securities		
3.5	Proceeds from borrowings		
3.6	Repayment of borrowings		
3.7	Transaction costs related to loans and borrowings		
3.8	Dividends paid		
3.9	Other (Lease payments)	(3)	(3)
<b>3.10</b>	<b>Net cash from / (used in) financing activities</b>	<b>(3)</b>	<b>(3)</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	1,477	1,477
4.2	Net cash from / (used in) operating activities (item 1.9 above)	315	315
4.3	Net cash from / (used in) investing activities (item 2.6 above)	(42)	(42)
4.4	Net cash from / (used in) financing activities (item 3.10 above)	(3)	(3)

## Mining exploration entity or oil and gas exploration entity quarterly cash flow report

<b>Consolidated statement of cash flows</b>		<b>Current quarter \$USD'000</b>	<b>Year to date (3 months) \$USD'000</b>
4.5	Effect of movement in exchange rates on cash held	(4)	(4)
<b>4.6</b>	<b>Cash and cash equivalents at end of period</b>	<b>1,743</b>	<b>1,743</b>

<b>5.</b>	<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	<b>Current quarter \$USD'000</b>	<b>Previous quarter \$USD'000</b>
5.1	Bank balances	1,743	1,477
5.2	Call deposits		
5.3	Bank overdrafts		
5.4	Other (provide details)		
<b>5.5</b>	<b>Cash and cash equivalents at end of quarter (should equal item 4.6 above)</b>	<b>1,743</b>	<b>1,477</b>

<b>6.</b>	<b>Payments to related parties of the entity and their associates</b>	<b>Current quarter \$USD'000</b>
6.1	Aggregate amount of payments to related parties and their associates included in item 1	16
6.2	Aggregate amount of payments to related parties and their associates included in item 2	-

Note: if any amounts are shown in items 6.1 or 6.2, your quarterly activity report must include a description of, and an explanation for, such payments

## Mining exploration entity or oil and gas exploration entity quarterly cash flow report

<b>7. Financing facilities</b>	<b>Total facility amount at quarter end \$USD'000</b>	<b>Amount drawn at quarter end \$USD'000</b>
<i>Note: the term "facility" includes all forms of financing arrangements available to the entity. Add notes as necessary for an understanding of the sources of finance available to the entity.</i>		
7.1 Loan facilities		
7.2 Credit standby arrangements		
7.3 Other (please specify)		
7.4 <b>Total financing facilities</b>		
7.5 <b>Unused financing facilities available at quarter end</b>		
7.6 Include in the box below a description of each facility above, including the lender, interest rate, maturity date and whether it is secured or unsecured. If any additional financing facilities have been entered into or are proposed to be entered into after quarter end, include a note providing details of those facilities as well.		

<b>8. Estimated cash available for future operating activities</b>	<b>\$USD'000</b>
8.1 Net cash from / (used in) operating activities (Item 1.9)	315
8.2 Capitalised exploration & evaluation (Item 2.1(d))	-
8.3 Total relevant outgoings (Item 8.1 + Item 8.2)	315
8.4 Cash and cash equivalents at quarter end (Item 4.6)	1,743
8.5 Unused finance facilities available at quarter end (Item 7.5)	-
8.6 Total available funding (Item 8.4 + Item 8.5)	1,743
8.7 <b>Estimated quarters of funding available (Item 8.6 divided by Item 8.3)</b>	5

8.8 If Item 8.7 is less than 2 quarters, please provide answers to the following questions:

1. Does the entity expect that it will continue to have the current level of net operating cash flows for the time being and, if not, why not?

Answer:

2. Has the entity taken any steps, or does it propose to take any steps, to raise further cash to fund its operations and, if so, what are those steps and how likely does it believe that they will be successful?

Answer:

3. Does the entity expect to be able to continue its operations and to meet its business objectives and, if so, on what basis?

Answer:

**Compliance statement**

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

Date: 21 April 2023

Authorised by: By the Board

**Notes**

1. This quarterly cash flow report and the accompanying activity report provide a basis for informing the market about the entity's activities for the past quarter, how they have been financed and the effect this has had on its cash position. An entity that wishes to disclose additional information over and above the minimum required under the Listing Rules is encouraged to do so.
2. If this quarterly cash flow 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 cash flow 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.
3. 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.
4. If this report has been authorised for release to the market by your board of directors, you can insert here: "By the board". If it has been authorised for release to the market by a committee of your board of directors, you can insert here: "By the [name of board committee – eg Audit and Risk Committee]". If it has been authorised for release to the market by a disclosure committee, you can insert here: "By the Disclosure Committee".
5. If this report has been authorised for release to the market by your board of directors and you wish to hold yourself out as complying with recommendation 4.2 of the ASX Corporate Governance Council's *Corporate Governance Principles and Recommendations*, the board should have received a declaration from its CEO and CFO that, in their opinion, the financial records of the entity have been properly maintained, that this report complies with the appropriate accounting standards and gives a true and fair view of the cash flows of the entity, and that their opinion has been formed on the basis of a sound system of risk management and internal control which is operating effectively.