



31 July 2021

Companies Announcements Office
ASX Limited
10th Floor, 20 Bridge Street
SYDNEY NSW 2000

JUNE 2021 QUARTER (“QUARTER”) OPERATIONS REPORT

Significant activities in the Company’s and its investees’ activities during the June 2021 quarter were as follows:

Advent Energy

Investee Advent Energy Ltd (Advent) has submitted to the National Offshore Petroleum Titles Administrator (NOPTA) an application to enable the drilling of the Baleen drill target in the PEP11 permit offshore NSW. The PEP11 Joint Venture has reviewed the work program and now proposes to proceed with the drilling of a well at Baleen (to be called Seablue-1) subject to approvals from NOPTA and other regulatory authorities, and financing, and has made an application to NOPTA to change the current Permit conditions. The current permit expiry date is in February 2021. The permit remains in place during this review period. The application to NOPTA includes the extension of the permit title for up to two years to enable the drilling and includes an application for the removal of the requirement for a 500 sq. km 3D seismic program. NOPTA has confirmed that this application is now in the final decision phase.

On 5 February 2021 BPH advised that investee Advent has on behalf of the PEP11 joint venture submitted to the National Offshore Petroleum Titles Administrator (NOPTA) a further application to suspend and extend the PEP11 permit offshore NSW. The application has been made under the COVID-19 -Work Bid Exploration Permits announcement released by the Federal Government on 20 April 2020. In that release the Government recognised that the COVID-19 pandemic was having a significant impact on the offshore petroleum sector and that additional flexibility would be required to assist titleholders to manage the COVID -19 crisis. The Joint Authority confirmed in that release that it regarded the COVID-19 pandemic as a force majeure event. The application for a 24 month suspension of the Permit Year 4 work program commitments, with a corresponding 24 month extension of the permit term and was accepted for processing by NOPTA on 4 Feb 2021. BPH does not foresee this application interfering with the NOPTA application to extend the permit terms for PEP11.

On 8 March 2021 BPH advised that it had appointed a Drilling Manager to facilitate the Preliminary Well Services Agreement with Add Energy relating to the preparation for drilling of the Baleen well to undertake a phased approach to provide technical support in the following areas: -

- Review of current well design documentation
- Develop a suitable well design and cost estimates
- Develop drilling schedule and define a ready to drill tentative window

The scope of work to be conducted included review of existing data and latest geological prognoses for the well, documentation of the subsurface well design envelope and compilation of a preliminary well design, project costs and schedule to complete the Seablue-1 Exploration well. The report received from Add Energy during the Quarter documents the Basis of Well Design (BOWD) and rationale for design of the well, the well cost compilation and the project schedule. The report addresses the revised drill target on the Baleen prospect initially announced with total depth of 2150 metres on seismic data line B4-18. Advent now intends, subject to approvals and funding, to undertake deeper drilling to also undertake evaluation of the Offshore Sydney Basin for carbon sequestration (storage). This has resulted in a revised specification of a well to target early Permian sandstones for both hydrocarbon and carbon sequestration potential with a revised total depth being set at 3150 metres.

Advent is a strong supporter of plans for Net Zero by 2050 and sees the company playing a direct role in achieving that target, especially in New South Wales. It aims to do this in two ways. First, by finding gas closest to Australia's biggest domestic energy market, gas which can be used to provide reliable back-up for increased uptake of renewable energy in NSW. Second, through its plans to explore for opportunities in offshore NSW for CCS, a key clean energy technology. The significance of the carbon storage objective in addition to gas has been highlighted by the report from The Australian Financial Review (7 April 2021) "Carbon prices tipped to surge" which references dramatic action in Europe's carbon markets with "carbon prices almost doubling in the last four months from Euro 23 (A\$35) a tonne in November 2020 to Euro 41 (A\$62) in March 2021 as more ambitious (carbon) markets aligned with net zero emissions goals to drive prices higher."

On 26 February 2021 BPH advised that its investee Advent had confirmed the engagement with Add Energy for the Xodus Group to undertake a preliminary environmental screening assessment of the proposed Seablue-1 well in preparation for drilling of the Baleen well in offshore licence PEP11. Xodus Group are a leading global energy environmental consultancy with a strong track record in the Australian offshore sector where they are subject matter experts in environmental impact assessment and regulatory approvals. The report was facilitated by the pre-existing environmental information from the prior technical work in the licence including the Environmental Plan which was accepted by the authorities for a 2D Seismic survey which was commissioned by Advent and carried out in 2018. The report has confirmed the program required to undertake an environmental impact assessment to support the required approvals for the Seablue-1 well. The aims of the preliminary environmental impact assessment were to:

1. Produce a detailed summary of required technical inputs.
2. Produce a detailed summary of required environmental inputs.
3. Outline a proposed approach for stakeholder consultation; and
4. Identify key controls potentially required to manage the activity

Advent subsequently appointed Xodus under a lump sum contract to prepare the Environmental Plan for first submission to NOPSEMA. Xodus's appointment was based on their high quality of

engagement, willingness to provide a staged lump sum proposal, and recent experience by their Principal Consultant in working for NOPSEMA.

Advent's 100% owned subsidiary, Asset Energy, has issued a Call for Tender for the provision of subsea wellhead equipment, materials and associated services for the Baleen drilling program. This equipment provides the 'foundation' for the Seablue-1 well and is the first stage of well construction. This is an important step in the preparation and planning for the Seablue--1 well ensures that Asset will be ready to commence drilling after relevant approvals have been received. When the well has reached total depth and been fully evaluated, the well will be plugged and abandoned in line with pre-drill planning as an exploration well, and the well head and associated equipment well be removed from the seabed.

A Call for Tender for the provision of drilling rig services the Seablue-1 exploration well has also been issued. The tender has been issued to multiple drilling contractors who have semi-submersible drilling units in the region. The Seablue-1 well is planned to be drilled in 125m of water approximately 26 km offshore and approximately 30 km SSW of the City of Newcastle. The drilling of the well is subject to regulatory approvals and is expected to take around 40 days to reach total depth. The Seablue-1 well has two objectives: (i) a gas target and (ii) evaluation for Carbon Capture Storage, subject to funding.

PEP 11 permit in good standing as Advent's subsidiary, Asset Energy Pty Ltd (as the operator), continues preparations to drill the Baleen Gas Prospect including booking a semisubmersible drill rig for the program with the call for tender.

Advent Energy's 100% subsidiary Onshore Energy ("Onshore") made an application for suspension and extension of the permit conditions in EP386 which was not accepted by the Department (DMIRS). Onshore sought a review of the decision by the Minister of Resources who responded setting out a course of action in relation to that decision which Onshore is following. Onshore Energy Pty Ltd has lodged an appeal against this decision with the State Administrative Tribunal (SAT).

On 30 December 2020 Advent lodged an Offer Information Statement with ASIC for a non-renounceable entitlement issue of two (2) Shares for every three (3) shares held at an issue price of \$0.05 (5 cents) per Share to raise up to \$6,525,108. The Offer is partially underwritten by related party Grandbridge Securities Pty Ltd (ABN 84 087 432 353) (AFSL 517246) and sub-underwritten up to \$2,000,000. Grandbridge Securities Pty Ltd is also Lead Manager to the Offer.

Cortical Dynamics Limited

Cortical raised \$150,000 cash in the quarter by the issue of 1,200,000 shares at 12.5 cents per share to BPH Energy Limited.

Item 1 and 2 details of payments to / receipts from related parties (Appendix 4C)

Line 6.1: \$19,000 paid to a director as remuneration net \$8,000 from the receipt of fees from Grandbridge Limited.

Line 6.2: Loans of \$257,000 to the Advent group of companies.

Authorised by

A handwritten signature in black ink, appearing to read 'D. Breeze' with a stylized flourish at the end.

David Breeze
Chairman

Appendix 4C

Quarterly cash flow report for entities subject to Listing Rule 4.7B

Name of entity

BPH ENERGY LIMITED

ABN

41 095 912 002

Quarter ended ("current quarter")

JUNE 2021

Consolidated statement of cash flows	Current quarter \$A'000	Year to date (12 months) \$A'000
1. Cash flows from operating activities		
1.1 Receipts from customers		
1.2 Payments for		
(a) research and development		
(b) product manufacturing and operating costs		
(c) advertising and marketing	(9)	(29)
(d) leased assets		
(e) staff costs	(19)	(76)
(f) administration and corporate costs	(25)	(597)
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 Government grants and tax incentives		
1.8 Other (provide details if material)		
1.9 Net cash from / (used in) operating activities	(53)	(702)
2. Cash flows from investing activities		
2.1 Payments to acquire or for:		
(a) entities		
(b) businesses		
(c) property, plant and equipment		
(d) investments	(150)	(230)
(e) intellectual property		
(f) other non-current assets		

Consolidated statement of cash flows	Current quarter \$A'000	Year to date (12 months) \$A'000
2.2 Proceeds from disposal of:		
(a) entities		
(b) businesses		
(c) property, plant and equipment		
(d) investments		
(e) intellectual property		
(f) other non-current assets		
2.3 Cash flows from loans to other entities	(257)	(563)
2.4 Dividends received (see note 3)		
2.5 Other (provide details if material)		
2.6 Net cash from / (used in) investing activities	(407)	(793)

3. Cash flows from financing activities		
3.1 Proceeds from issues of equity securities (excluding convertible debt securities)	-	12,203
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	(5)	(793)
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 (provide details if material)		
3.10 Net cash from / (used in) financing activities	(5)	11,410

4. Net increase / (decrease) in cash and cash equivalents for the period		
4.1 Cash and cash equivalents at beginning of period	10,638	258
4.2 Net cash from / (used in) operating activities (item 1.9 above)	(53)	(702)
4.3 Net cash from / (used in) investing activities (item 2.6 above)	(407)	(793)

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (12 months) \$A'000
4.4	Net cash from / (used in) financing activities (item 3.10 above)	(5)	11,410
4.5	Effect of movement in exchange rates on cash held		
4.6	Cash and cash equivalents at end of period	10,173	10,173

5.	Reconciliation of cash and cash equivalents 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	10,173	10,638
5.2	Call deposits		
5.3	Bank overdrafts		
5.4	Other (provide details)		
5.5	Cash and cash equivalents at end of quarter (should equal item 4.6 above)	10,173	10,638

6.	Payments to related parties of the entity and their associates	Current quarter \$A'000
6.1	Aggregate amount of payments to related parties and their associates included in item 1	(11)
6.2	Aggregate amount of payments to related parties and their associates included in item 2	(257)

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.

Quarterly cash flow report for entities subject to Listing Rule 4.7B

7. Financing facilities	Total facility amount at quarter end \$A'000	Amount drawn at quarter end \$A'000
<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	105	105
7.2 Credit standby arrangements		
7.3 Other (please specify)		
7.4 Total financing facilities	105	105
7.5 Unused financing facilities available at quarter end		-
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.		

8. Estimated cash available for future operating activities	\$A'000
8.1 Net cash from / (used in) operating activities (item 1.9)	(53)
8.2 Cash and cash equivalents at quarter end (item 4.6)	10,173
8.3 Unused finance facilities available at quarter end (item 7.5)	-
8.4 Total available funding (item 8.2 + item 8.3)	10,173
8.5 Estimated quarters of funding available (item 8.4 divided by item 8.1)	191.9
<i>Note: if the entity has reported positive net operating cash flows in item 1.9, answer item 8.5 as "N/A". Otherwise, a figure for the estimated quarters of funding available must be included in item 8.5.</i>	
8.6 If item 8.5 is less than 2 quarters, please provide answers to the following questions:	
8.6.1 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:	
8.6.2 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:	
8.6.3 Does the entity expect to be able to continue its operations and to meet its business objectives and, if so, on what basis?	
Answer:	
<i>Note: where item 8.5 is less than 2 quarters, all of questions 8.6.1, 8.6.2 and 8.6.3 above must be answered.</i>	

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: 31 July 2021

Authorised by: David Breeze (Director)
(Name of body or officer authorising release – see note 4)

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 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 standard applies 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.