

23 May 2023

UK SOUTHERN GAS BASIN – OPERATIONAL UPDATE & PROGRESSIONS TOWARDS DEVELOPMENT

- **Phase I Development Field Development Plan (FDP) nearing completion and submission to North Sea Transition Authority (NSTA)**
 - **Inaugural Work-Group with RockRose Energy part of Viaro Group and Hartshead technical and commercial teams set for Thursday 25th May 2023**
 - **Project plan focussed on first gas production for 2025 is on track, following completion of the farm-out and consequential equity funding for development.**
 - **Phase 1 Front End Engineering Design (FEED) is now 90% complete.**
 - **Application decision for the UK 33rd Offshore Licensing Round expected in H2 2023.**
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Hartshead Resources NL (**Hartshead, HHR** or the **Company**) is pleased to announce that it is nearing completion of the FDP for the Phase I development of the Anning and Somerville gas fields. The Company expects to have finalised the FDP and be in a position to submit it to the NSTA within the next few weeks.

The Phase 1 development of Anning and Somerville fields will be achieved with a total of 6 production wells. These wells will be produced through two un-manned minimum facilities platforms tied back via a 40km export pipeline to the Shell operated Corvette facility. From there the Anning and Somerville gas production will be transported to the onshore Bacton Gas Terminal via Shell's Leman system and pipeline.

The FEED work for the Phase 1 development is now approximately 90% completed. The completion of FEED will be a significant milestone as the Phase 1 development progresses towards FID (Field Investment Decision) and the execution phase.

Other noteworthy operational developments:

- **Invitations To Tender (ITTS) for Phase 1 platforms Engineering, Procurement, Installation and Commissioning (EPIC) contracts being finalised for issue.**
- **The Company has recently issued ITTs for the pipeline route survey for the Phase 1 export pipeline to Corvette.**
- **Pre qualification process for ITTS for Phase 1 export pipeline EPIC nearing completion.**

- Successful completion of the HHR's first offshore operations – the geophysical and environmental base-line survey of the Anning and Somerville platform locations.
- In the process of securing a vessel to perform borehole surveys at each of the Anning and Somerville platform locations.

Finally, the Company previously confirmed that it made submission for a number of licences in the UK 33rd Offshore Licensing Round announced by the NSTA in 2022. The results of the licensing round and awards are expected to be announced in H2 of 2023.

Recently the Company has had a very active period, as it has announced the Farm-out of 60% of the License P2607 to RockRose Energy and as the Company completes the outstanding work-streams aimed at bringing the project to FID, targeted for Q3 2023. The Phase I development continues to present a highly unique and compelling development opportunity for the Company, with the production of material gas volumes into highly supportive UK gas prices and set to deliver first cash-flows for the Company in 2025.

Looking ahead, key milestones include:

- Completion of FEED Q2 2023
- Submission of the FDP Q2 2023
- Execution of debt financing Q3 2023
- Target FID Q3 2023
- UK 33rd Offshore Licensing Round announcement of awards H2 2023

Keith Bush, Hartshead COO, commented: "Completing FEED for our Phase I development and submission of the FDP to the NSTA will be an important step towards field development and first gas. I am pleased by the commitment and work effort of the team and their valuable contribution to our operational efforts.

We are also looking forward to receiving feedback on our submission for the 33rd round and the potential for winning additional new licenses to add to our existing portfolio."

-Ends-

The Board of Directors of Hartshead Resources NL authorised this announcement to be given to ASX.

For further information on this announcement, visit www.hartshead-resources.com.au or contact:

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Notes to Editors:

Hartshead Resources NL

ASX-listed Hartshead Resources NL is focussed on building a financially, technically and environmentally responsible European Energy business.

Hartshead's goal is to secure and invest in projects where resources can be extracted and delivered to meet Europe's growing energy demand while supporting the transition to a low carbon future.

In progressing this strategy Hartshead is focused on the development of Production Seaward License P2607 (60% owned RockRose Energy/40% Hartshead), comprising of five blocks which contains four existing gas fields in the UK Southern Gas Basin.

Hartshead brings together a highly experienced oil and gas team with specialised knowledge covering subsurface, engineering, commercial, QHSE and capital markets with the required skillsets needed to deliver oil and gas upstream projects successfully and safely.

UK Southern North Sea Production Seaward License P2607 – Reserves, Contingent and Prospective Resources

Please refer to the qualified person's statement relating to the reporting of reserves on Hartshead Resources Southern North Sea License P2607 in Hartshead's ASX announcements dated 23 June 2022. The volumetric estimates used to derive the estimates below have been made by combining probabilistically derived estimates of initial in place gas volumes with assumptions regarding the gas recovery factors from analogous fields, such as the Clipper South and Babbage gas fields located in the UK Southern Gas Basin.

Please refer to the qualified person's statement relating to the reporting of contingent and prospective resources on Hartshead Resources Southern North Sea License P2607 (60% owned

RockRose Energy/40% Hartshead), in Hartshead's ASX announcements dated 6 April 2022 and 8 March 2022.

The Company is not aware of any new information or data that materially affects the information about the contingent resource or prospective resource estimates included in this announcement and all the material assumptions and technical parameters underpinning those estimates in this announcement continue to apply and have not materially changed.

RESERVES ¹						
PHASE I	49/17b	Anning		1P	2P	3P
			Sales Gas (Bcf)	73	145.0	245
	Condensate (MMbbl)	0.081	0.192	0.375		
	49/17b	Somerville	Sales Gas (Bcf)	107.0	156.5	213
			Condensate (MMbbl)	0.119	0.208	0.325
Total (MMboe)			31.2	52.4	79.7	

CONTINGENT RESOURCES ² (BCF)			1C	2C	3C	GCoS
PHASE II	49/6c, 49/11c	Lovelace	14	39	70	100%
	48/15c	Hodgkin	35	100	387	100%

PROSPECTIVE RESOURCES (BCF)			1U	2U	3U	GCoS
PHASE III EXPLORATION	49/17b	Garrod	16	52	125	50%
	49/17b	Ayrton	25	74	146	41%
	49/17b	McLaren	18	27	39	54%
	49/17b	Stephenson	36	47	60	43%
	49/17b	Widdowson East	6	29	79	32%
	49/17b	Widdowson Central	11	21	40	50%
	49/17b	Lonsdale	5	16	31	50%
	49/17b	Anderson	5	12	29	45%
	49/12d	Wenlock Prospect 1	4	19	55	36%

¹ Reserves estimates are from ERC Equipoise Limited, Independent Competent Persons Report (CPR) entitled "Hartshead Resources NL Somerville and Anning Competent Persons Report" dated June 2022. See Qualified Persons Statement for reserves reporting notes.

² Hartshead management estimates

49/12d	Wenlock Prospect 2	1	5	19	36%
49/11c	Wenlock Prospect 3	1	5	17	36%
49/11c	FFs Prospect 1	3	11	26	41%
49/11c	FFs Prospect 2	8	19	37	35%
49/11c	FFs Prospect 3	4	9	17	34%

Prospective resources are estimated quantities of petroleum that may potentially be recovered by the application of a future development project(s) and relate to undiscovered accumulations. These prospective resources estimates have both an associated risk of discovery and a risk of development. Further exploration appraisal and evaluation is required to determine the existence of a significant quantity of potentially moveable hydrocarbons.

Forward Looking Statements

This document has been prepared by Hartshead Resources NL (HHR). This document contains certain statements which may constitute "forward-looking statements". It is believed that the expectations reflected in these statements are reasonable but they may be affected by a variety of variables and changes in underlying assumptions which could cause actual results or trends to differ materially, including, but not limited to: price fluctuations, actual demand, currency fluctuations, drilling and production results, reserve and resource estimates, loss of market, industry competition, environmental risks, physical risks, legislative, fiscal and regulatory developments, economic and financial market conditions in various countries and regions, political risks, project delays or advancements, approvals and cost estimates.

HHR's operations and activities are subject to regulatory and other approvals and their timing and order may also be affected by weather, availability of equipment and materials and land access arrangements. Although HHR believes that the expectations raised in this document are reasonable there can be no certainty that the events or operations described in this document will occur in the timeframe or order presented or at all.

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Qualified Person's Statement

The Reserves estimated in this announcement have been made by Dr Adam Law, Director, ERC Equipoise (ERCE), a post-graduate in Geology, a Fellow of the Geological Society and a member of the Society of Petroleum Evaluation Engineers. Dr Adam Law is qualified in accordance with ASX listing rule 5.41 and has consented to the use of Reserves estimates, and to the form and context in which these statements appear.

ERC Equipoise Ltd. (ERCE) is a leading, employee owned, global energy consultancy headquartered in London with offices in Singapore, Kuala Lumpur and Perth. It's fully integrated team of Geoscientists, Engineers and Economists are specialists in Competent Persons reporting, reserves and resources auditing, technical services, commercial analysis and Expert advisory services. ERCE supports companies in traditional energy sectors as well as providing energy transition and sustainability services.

The Reserves estimates presented in this report were originally disclosed to the market in announcement released on 23 June 2022 and are based on, and fairly represents, information and supporting documentation prepared by Dr Adam Law of ERCE.

The information in this announcement that relates to Reserves estimates is based on information compiled or reviewed by Mr Christopher Lewis. Mr Lewis has consented to the form and context in which the estimated Reserves and the supporting material are presented.

Hartshead has prepared the Contingent Resource and Prospective Resource information in this announcement in accordance with the ASX Listing Rules and the 2018 Petroleum Resources Management System published by the Society of Petroleum Engineers (SPE-PRMS). The Contingent Resource estimates and Prospective Resource estimates presented in this report were originally disclosed to the market in announcement released on 14 December 2020 and updated 8 March 2022 and 6 April 2022. Hartshead confirms that it is not aware of any new information or data that materially affects the information included in the aforesaid market announcements and that all the material assumptions and technical parameters underpinning the estimates in the aforesaid market announcement continue to apply and have not materially changed. The information in this announcement that relates to Contingent Resource information in relation to the Phase II Hodgkin and Lovelace fields and the Prospective Resource information in relation to the Phase III exploration portfolio is based on information compiled by Mr Christopher Lewis and information compiled by technical consultants contracted to Hartshead which has been subsequently reviewed by Mr Christopher Lewis. Mr Lewis has consented to the inclusion of such information in this announcement in the form and context in which it appears and the resources information in this report is based on, and fairly represents, information and supporting documentation reviewed by, or prepared under the supervision of, Mr Christopher Lewis.



Mr Lewis is a Director of Hartshead and holds a BSc from the Imperial College, University of London and is a member of The American Association of Petroleum Geologists (AAPG) and the European Association of Geoscientists and Engineers (EAGE). Mr Lewis is qualified in accordance with the requirements in ASX Listing Rule 5.41.