

17 January 2022

# Anshof Exploration Well Update Operations Report No 5 (final)

## Key points:

### *Operations*

- The Anshof-3 exploration well has been completed following the running and cementing of 7 inch casing to a total depth (TD) of 2499m. The RED Drilling & Services GmbH (RED) E-200 rig was released at 18.00 Central European Time on 15 January 2022.
- The well has been suspended in preparation for completion with production tubing utilising a workover rig prior to testing and potential long-term production there-after.
- The Anshof-3 exploration well is located in the ADX-AT-II license in Upper Austria (refer to figure 2) spudded on 18 December 2021 with the RED E-200 rig. This is the final drilling operations report representing day 28 of operations.

### *Well Results*

- Refer to ASX announcement of logging results made by ADX on the 14<sup>th</sup> of January 2022.



**Figure 1: Running casing using the RED E-200 rig at the Anshof-3 drill site**

ADX Energy Ltd (**ASX Code: ADX**) is pleased to advise that drilling operations on the Anshof-3 exploration well have been completed and the RED Drilling & Services GmbH (RED) E-200 rig was released at 18.00 Central European Time on 15 January 2022 following the running and cementing of 7 inch casing to the total depth (TD) of 2499m.

Operations since the last report have included electric line logging of 8 ½ inch hole from a depth of 331m to TD of 2499m as well as the running and cementing of 7 inch casing.

The Anshof-3 exploration well is located in the ADX-AT-II license in Upper Austria (refer to figure 2) spudded on 18 December 2021 with the RED E-200 rig.

### Future Anshof-3 Well Operations

This is the final drilling operations report representing day 28 of operations. The well has been suspended in preparation for completion with production tubing utilising a workover rig prior to testing and potential long-term production thereafter.

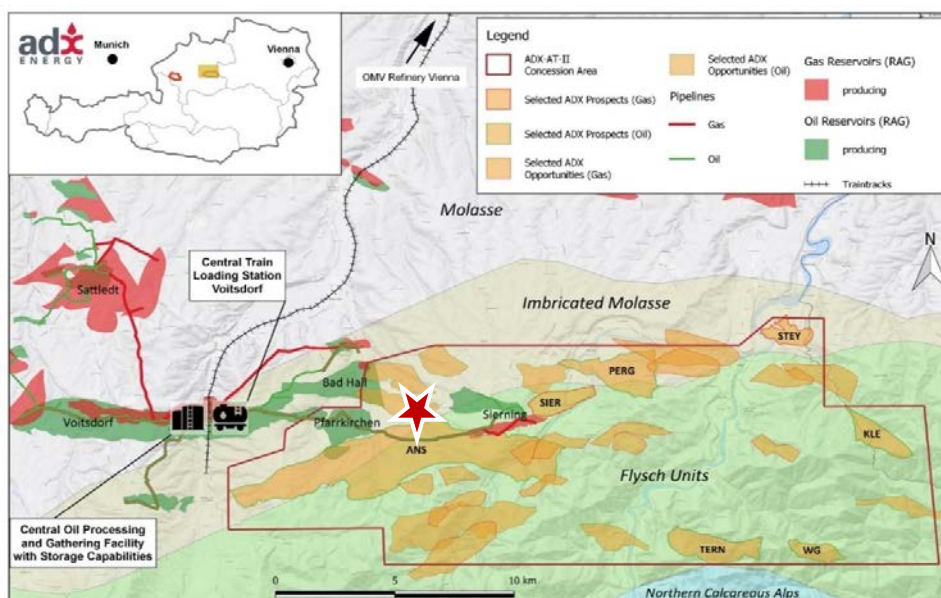
### Further Updates of Operations and Well Results

Further information regarding the interpretation of drilling and wireline logging data will be provided as it becomes available. Engineering, planning and procurement work has commenced in preparation for testing and production operations utilising a workover rig. Further updates will be provided once the work program for the work has been completed.

#### Notes:

An overview of the Anshof Prospect is available in Appendix 1 at the end of this release. It includes the results of an independent prospect review undertaken by RISC Advisory Pty Ltd (RISC).

ADX announced a farmout to ASX listed Xstate Resources Limited to fund 40% of the Anshof-3 well costs to earn a 20% participating interest in the Anshof Prospect. Refer to ASX release dated 22 November 2021.



**Figure 2: Map showing the Anshof prospect (star symbol) in relation to existing producing oil fields (green), follow up prospects (yellow) in the ADX AT-II license as well as nearby processing facilities and pipelines in ADX-AT-II exploration license**

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**Authorised for lodgement by Ian Tchacos, Executive Chairman**

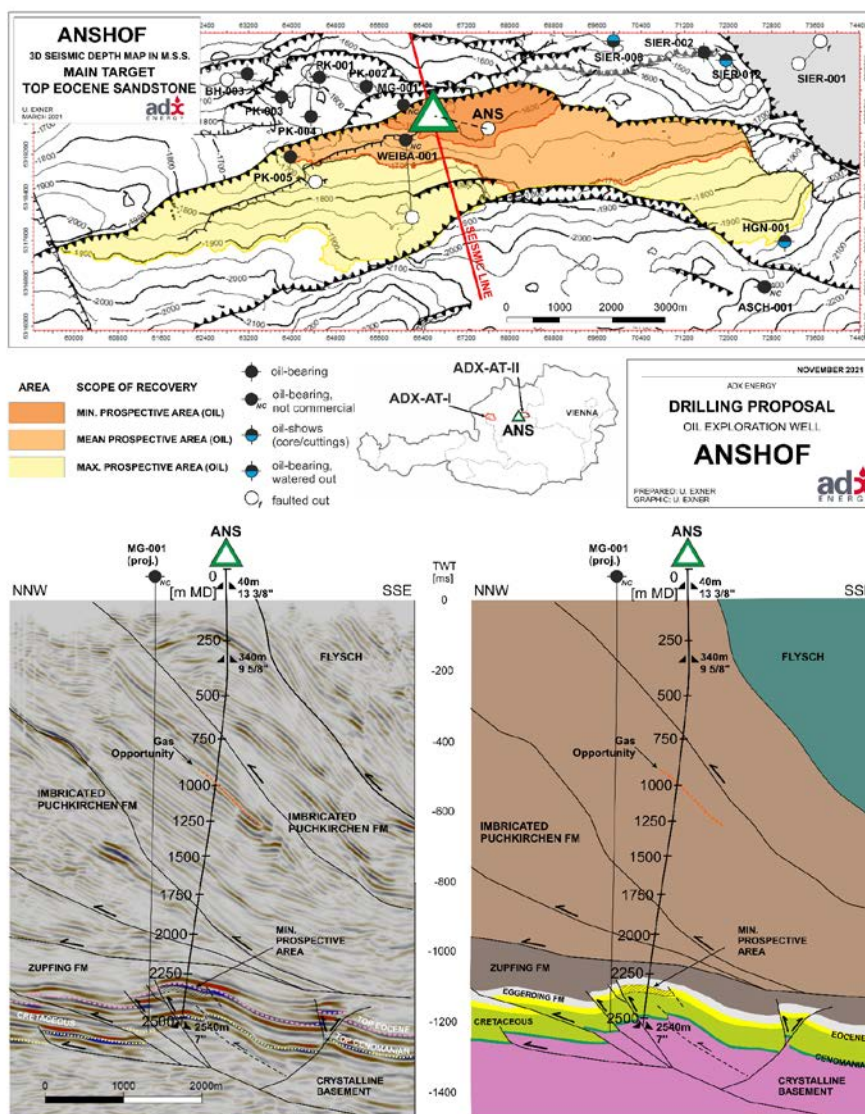
**Persons compiling information about Hydrocarbons:**

Pursuant to the requirements of the ASX Listing Rule 5.31, 5.41 and 5.42 the technical and reserves information relating to Austria contained in this release has been reviewed by Paul Fink as part of the due diligence process on behalf of ADX. Mr. Fink is Technical Director of ADX Energy Ltd is a qualified geophysicist with 23 years of technical, commercial and management experience in exploration for, appraisal and development of oil and gas resources. Mr. Fink has reviewed the results, procedures and data contained in this release and considers the resource estimates to be fairly represented. Mr. Fink has consented to the inclusion of this information in the form and context in which it appears. Mr. Fink is a member of the EAGE (European Association of Geoscientists & Engineers) and FIDIC (Federation of Consulting Engineers).

## Appendix 1: Anshof Prospect Overview

Anshof is a well defined modern 3D seismic covered Eocene - Cenomanian prospect located up-dip and on trend from existing oil production from adjacent fields (Figure A1). The ADX in house team has developed a new structural model constraining the nearby producing Voitsdorf, Bad Hall and Pfarrkirchen oil fields which has resulted in identification of a number of on trend prospects and appraisal opportunities. Success at Anshof-3 will validate the new structural model and de-risk multiple follow up prospects. Anshof-3 has a best technical case prospective resource potential of 6.6 MMBOE with significant upside potential in the primary Eocene sandstone reservoir objective. The well plan includes a deeper Cenomanian secondary target with a best technical resource potential of 2.1 MMBOE.

*Original Resources Reporting Date: Upper Austria Exploration was on 30/11/2020, estimates were further revised on 30/3/21.*



**Figure A1: Anshof prospect Eocene depth map, seismic cross section and schematic interpretation (mentioned anti clockwise)**



ADX commissioned RISC to provide an independent review of the prospectivity of the Austrian ADX-AT-I & II exploration licenses. RISC has reviewed the resources in accordance with the Society of Petroleum Engineers internationally recognised Petroleum Resources Management System 2018 (PRMS). RISC’s methodology was to review the evaluation, probabilistic resource evaluation and geologic risking carried out by ADX. Details of the findings of their review were presented in a report. RISC have not conducted a site visit.

RISC has reviewed the Anshof Prospect and found the following Prospective Resource and Geological Risk assessment to be reasonable. A summary of RISC’s findings for the Anshof prospect is shown in the Table 1 below. Refer also to ASX release 10 November 2021.

**Table 1: Anshof Prospective Resource and Geological Risk Assessment**

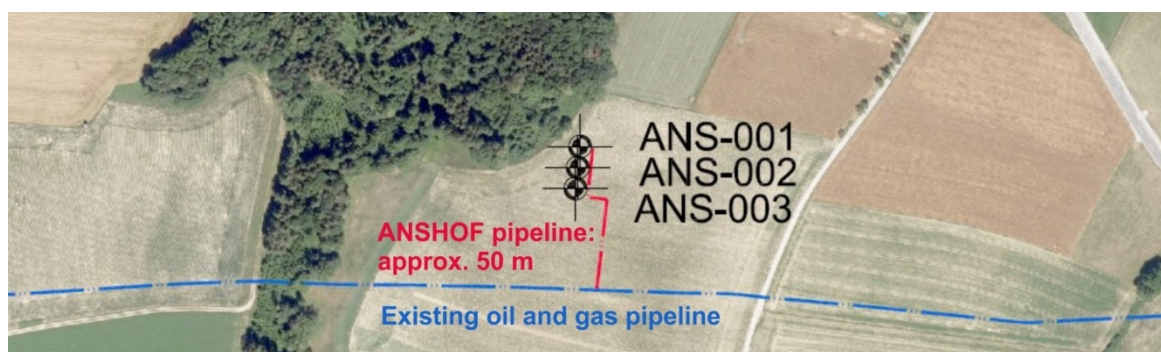
(100% Equity Interest)					
Unrisked Prospective Resource <sup>1</sup>	P(90) <sup>2</sup> (MMBOE)	P(50) <sup>3</sup> (MMBOE)	P(10) <sup>4</sup> (MMBOE)	Mean <sup>5</sup> (MMBOE) <sup>6</sup>	Probability of Success
Oil Case	0.50	3.30	16.20	6.60	43%

**Notes to Table 1:**

1. Prospective Resources are those estimated quantities of petroleum that may potentially be recovered by the application of a future development project(s) related to undiscovered accumulations. These estimates have both an associated risk of discovery and a risk of development. Further explorations appraisal and evaluation is required to determine the existence of a significant quantity of potentially moveable hydrocarbons.
2. At least a 90% probability that the quantities actually recovered will equal or exceed the estimate.
3. At least a 50% probability that the quantities actually recovered will equal or exceed the estimate.
4. At least a 10% probability that the quantities actually recovered will equal or exceed the estimate.
5. The arithmetic average of the probability distribution.
6. BOE means barrels of oil equivalent

In RISC’s opinion, the method of utilising a mapping based net-rock-volume (NRV) in the prospective resource assessment in the Anshof Prospect may result in a conservative volumetric assessment. RISC was not provided with an assessment of the deeper Cenomanian secondary objective for Anshof.

**Access to Production Infrastructure**



**Figure A2: Aerial image prior to commencement of well site preparation showing the three Anshof surface locations and the distance to an existing oil and gas pipeline bundle that can be used to access oil and gas processing and export infrastructure**

Approvals have been received from the regulatory authority for up to three drilling locations from the Anshof well site. The Anshof-3 Well location is approximately 50 metres from an oil and gas pipeline bundle which can be accessed to process and export crude.

On the 22<sup>nd</sup> of November 2020 ADX announced the agreement with RAG Exploration & Production GmbH (RAG E&P) of commercial terms for the access of future oil and gas production from ADX Upper Austria exploration and appraisal licenses in Upper Austria which surround producing fields and infrastructure operated by RAG E&P. The agreement enables the reduction of capital expenditures and the time taken from drilling to commercial production due to the ability to tie into RAG E&P's existing hydrocarbon gathering, processing and storage facilities which are connected to Austria's oil and gas infrastructure network.

### **Reporting Standards**

Reserves and resources are reported in accordance with the definitions of reserves, contingent resources and prospective resources and guidelines set out in the Petroleum Resources Management System (PRMS) prepared by the Oil and Gas Reserves Committee of the Society of Petroleum Engineers (SPE) and reviewed and jointly sponsored by the American Association of Petroleum Geologists (AAPG), World Petroleum Council (WPC), Society of Petroleum Evaluation Engineers (SPEE), Society of Exploration Geophysicists (SEG), Society of Petrophysicists and Well Log Analysts (SPWLA) and European Association of Geoscientists and Engineers (EAGE), revised June 2018.

### **RISC Independence**

RISC has no pecuniary interest, other than to the extent of the professional fees receivable for the preparation of this report, or other interest in the assets evaluated, that could reasonably be regarded as affecting our ability to give an unbiased view of these assets. RISC makes the following disclosures:

- RISC is independent with respect to ADX and confirms that there is no conflict of interest with any party involved in the assignment;
- under the terms of engagement between RISC and ADX, RISC will receive a time-based fee, with no part of the fee contingent on the conclusions reached, or the content or future use of this report. Except for these fees, RISC has not received and will not receive any pecuniary or other benefit whether direct or indirect for or in connection with the preparation of this report; and
- neither RISC Directors nor any staff involved in the preparation of this report have any material interest in ADX or in any of the properties described herein.

### **About RISC**

RISC is an independent advisory firm offering the highest level of technical and commercial advice to a broad range of clients in the energy industries, worldwide. RISC has offices in London, Perth, Brisbane and South-East Asia and has completed assignments in more than 90 countries for over 500 clients and have grown to become an international energy advisor of choice.

### **End of this Release**