

29th April 2025

ASX RELEASE

Nemaha Project Exploration Update

- Sue Duroche 3 well successfully spudded over Easter long weekend.
- Rig has successfully drilled through the sedimentary section and is now drilling Pre-Cambrian basement targets.
- Paragon Geophysical has mobilised to the seismic survey location and the acquisition is underway.

HyTerra Limited (ASX: HYT) (HyTerra or the **Company**) has two firm wells in the drilling sequence which began in April 2025 at the Nemaha Project in Kansas, USA. This marks the first steps for the Company in executing a comprehensive 12-month exploration work program designed to unlock the potential of natural (white) hydrogen in Kansas through its 100% owned and operating subsidiary HYT Operating LLC. This exploration program is funded through a strategic investment by Fortescue Future Industries Technologies Pty Ltd.

Drilling Ahead at Sue Duroche 3

The Company is pleased to announce that Sue Duroche 3 spudded over the Easter long weekend. The surface section was successfully drilled without incidents to 715ft with casing run and cemented. Gas samples are being collected for independent laboratory analysis to confirm the presence and concentrations of hydrogen and/or helium in the subsurface formations. Currently the well is drilling below 2000ft and is on time and budget.



At the current rate of drilling, well TD should be achieved within a week from now. Then, an extensive wireline program will be executed by SLB (Schlumberger) to evaluate the quality of the reservoir rocks.

Figure 1: Rig 116 on location at Sue Duroche 3 well site

Seismic Acquisition Underway

Surveying for the seismic program is underway, with Paragon Geophysical mobilising to location late last week. Seismic acquisition data collection commenced over the weekend. The program is expected to continue for several weeks with further seismic processing and subsurface interpretation to follow.

The intent of the seismic survey is to support prospect analysis and drilling locations in the second half of 2025.



Figure 2: Paragon Geophysical Vibroseis truck on location within survey area.

This announcement has been authorised for release by the Board of Directors.

For more information:

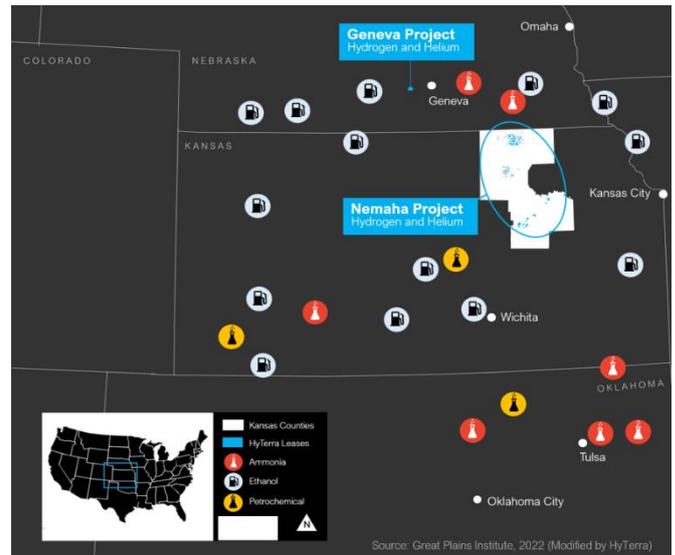
Benjamin Mee
Executive Director
info@hyterra.com

Avon McIntyre
Executive Director
info@hyterra.com

HyTerra. A World of Opportunity.

Exploring for natural hydrogen and helium resources near major industrial hubs. HyTerra was the first company to list on the ASX with a focus on white hydrogen, which is generated naturally by the Earth. White hydrogen potentially has much lower production costs and carbon emissions than man-made hydrogen.

Our Nemaha Project in Kansas, USA, holds 100% owned and operated leases across the emerging Nemaha Ridge natural hydrogen and helium play fairway. Our Geneva Project in Nebraska, USA, is a 16% earn-in interest in a Joint Development with Natural Hydrogen Energy LLC targeting natural hydrogen and helium. Both projects could be connected via existing transport infrastructure to multiple nearby off-takers, including ammonia manufacturers, and petrochemical plants.



For more information please see the latest corporate presentation: www.hyterra.com

Important Risk Commentary:

It is important to note that there remains both geological and potential development risks with these projects and the Company’s commercial and business objectives. This is an emerging frontier with the potential to unlock significant low-carbon hydrogen gas supplies but with equally significant risk and uncertainty. Key risks include the presence, concentrations, recovery, and commercial potential of both hydrogen and helium gases. For more information on risks please refer to the ASX release ‘Entitlement Issue Prospectus’ on April 8th, 2024: <https://wcsecure.weblink.com.au/pdf/HYT/02793318.pdf>.

Forward Looking Statements:

This release may contain forward-looking statements. These statements relate to the Company’s expectations, beliefs, intentions or strategies regarding the future. These statements can be identified by the use of words like “anticipate”, “believe”, “intend”, “estimate”, “expect”, “may”, “plan”, “project”, “will”, “should”, “seek” and similar words or expressions containing same. These forward-looking statements reflect the Company’s views and assumptions with respect to future events as of the date of this release and are subject to a variety of unpredictable risks, uncertainties, and other unknowns. Actual and future results and trends could differ materially from those set forth in such statements due to various factors, many of which are beyond our ability to control or predict. These include, but are not limited to, risks or uncertainties associated with the discovery and development subsurface gas reserves, cash flows and liquidity, business and financial strategy, budget, projections and operating results, gas prices, amount, nature and timing of capital expenditures, including future development costs, availability and terms of capital and general economic and business conditions. Given these uncertainties, no one should place undue reliance on any forward-looking statements attributable to HyTerra, or any of its affiliates or persons acting on its behalf. Although every effort has been made to ensure this release sets forth a fair and accurate view, we do not undertake any obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise. Nothing contained in this announcement, nor any information made available to you is, or and shall be relied upon as, a promise, representation, warranty or guarantee as to the past, present or the future performance of HyTerra.