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PIONEERING NATURAL HYDROGEN TEST UNDERWAY

HyTerra Ltd (ASX: HYT) (**HyTerra** or the **Company**) is pleased to provide an operations update for Project Geneva in Nebraska.

HIGHLIGHTS

- First phase of testing operations is underway at the Hoarty NE3 hydrogen exploration well
- A pump is being installed to dewater the well and allow gases to flow from prospective zones
- Second phase of testing involves measuring gas flow data over several months

The first phase of operations is underway with SOS Well Services, completion rig #21 arriving at the Hoarty NE3 well site on Friday 3 March (US time). The rig crew are now preparing to run the production tubing and an electrical submersible pump. This process is expected to take until mid-March and once complete, the rig will demobilise.

The pump will then dewater the well to remove the hydrostatic pressure on subsurface gases. This is anticipated to allow hydrogen-enriched gases to flow freely from two prospective zones.

These zones are associated with elevated hydrogen concentrations detected during drilling and swabbing operations and were further defined by petrophysical analysis as having increased porosity and gas saturation.



Figure: Rig #21 at Hoarty NE3 Wellsite, Nebraska, 4 March 2023

The second phase of the operation is the extended flow testing which will record gas flow data over several months to establish the hydrogen production potential of the well and measure key parameters that include gas composition, pressure and flow rate.

Well data will be continuously measured on location and gas samples will be captured for independent laboratory analysis. These analyses will focus on the concentrations of hydrogen and other commercially significant non-hydrocarbon gases (e.g., Helium) that may coexist in the gas stream.

Executive Director & Chief Technical Officer, Avon McIntyre commented: “This is a pivotal moment for HyTerra to demonstrate the hydrogen production potential of the Hoarty NE3 well and gain first-hand operational experience in natural hydrogen resource development. We look forward to providing further updates to shareholders during March.”

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

For further information please visit the Company’s website at www.hyterra.com or contact:

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ABOUT HYTERRA LTD

The first ASX listed company with a focus on pioneering the exploration and production of natural hydrogen. HyTerra has an earn-in interest in a Joint Development Agreement (JDA) with Natural Hydrogen Energy LLC which includes the world's first wildcat well targeting natural hydrogen in Nebraska, USA. Under the terms of the JDA, HyTerra has the option to acquire 51% of the assets and assume operatorship.