

6 August 2026 | ASX RELEASE

HyTerra OTCQB Virtual Investor Conference Presentation

HyTerra Ltd (ASX: HYT, OTCQB: HYTLF) (HyTerra) advises that Chief Executive Officer, Mr Riley Kemp, will present today at the OTCQB Virtual Investor Conference.

Mr Kemp will provide an overview of the geologic hydrogen industry and HyTerra's business, together with an update on the results of the McCoy-1 production test and the Company's plans to advance its broader portfolio.

A copy of the presentation to be delivered at the conference is attached to this announcement.

Event Details

Time: 6 August at 10:30 AM ET (10:30 PM AWST; 12:30 AM AEST 7 August)

Register now: <https://www.virtualinvestorconferences.com/wcc/eh/4814904/lp/5433121/hyterra-ltd-otcqb-hytlf-asx-hyt>

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

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A World-Leading Geologic Hydrogen Company

At the forefront of an
emerging energy industry

ASX: HYT
OTCQB: HYTLF
Frankfurt: 8TP0

hyterra.com

August 2026



HYTERRA

A WORLD OF OPPORTUNITY

July 2026. Well testing McCoy 1
Nemaha Project, Kansas.



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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 23 April 2026.

Our vision

A World-Leading Geologic Hydrogen Company



How we will realise
this vision:

01



Kansas

Multiple play types
providing several
pathways to
commercialisation.

02



United States

Leverage internal
'Hydrogen Must
Haves' rulebook,
knowledge and IP to
expand US position.

03



Global Growth

Target highly
prospective areas
and build key
partnerships.

HyTerra Snapshot

Early mover in geologic hydrogen with operational experience, proprietary knowledge and a diversified portfolio.

- First ASX-listed geologic hydrogen explorer (Dec'22).
- 4 drilled wells in our portfolio[^]; one of the few companies to progress to production testing.
- Proprietary 'Must Haves' rulebook informed by real-world drilling and testing data.
- Diversified portfolio spanning multiple geological plays and locations.
- World-class team with decades of combined oil, gas and mining experience.
- Selected as industry partner in a US Air Force initiative evaluating geologic hydrogen.



Corporate Overview

Share price (ASX)

A\$0.006

As at 4 August 2026
52 week high \$0.027, low \$0.006

Market capitalisation

A\$12.74m

As at 4 August 2026

Top 20 ownership

65.6%

As at 4 August 2026

Substantial Shareholders

Fortescue Ltd – 39.4%
(ASX:FMG)
As at 4 August 2026

Share price (OTCQB)

US\$0.005

As at 4 August 2026

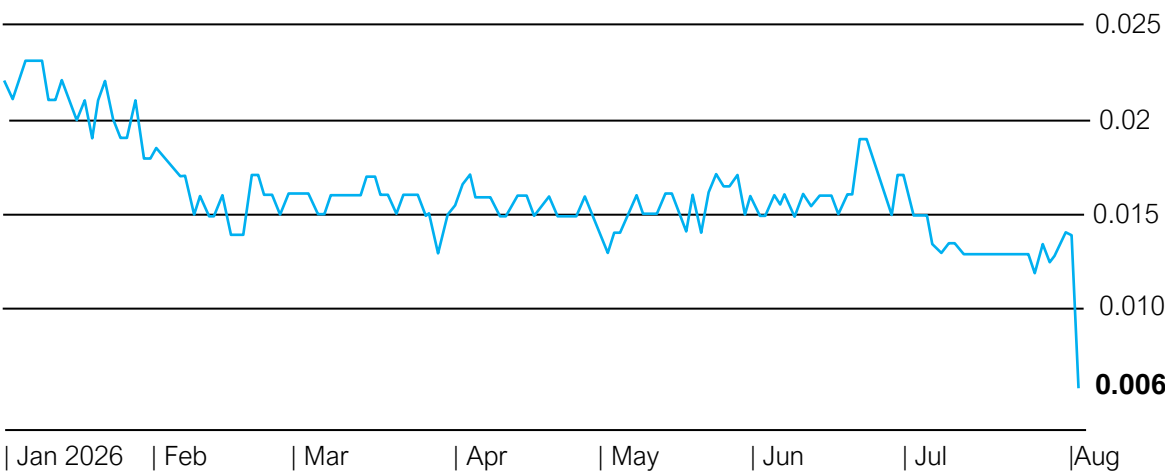
Pro Forma Cash

A\$4.16m

As at 30 June 2026
Excludes shortfall placement of
\$1.95M in early July

ASX Share price performance (\$A)

Year to 4 August 2026



Shares on issue

2,124m

As at 4 August 2026

Options and Performance Rights

501m

As at 4 August 2026

Our world-class team has a long track record in oil, gas and mining



Russell Brimage
Non-Executive Chairman

Over 40 years' experience in the upstream oil and gas industry, ranging from public listed oil and gas companies to the service industry – both onshore and offshore. Served in the capacity of Operations Manager and CEO on several ASX listed entities since 1997.



Riley Kemp
Chief Executive Officer

Over 15 years' experience driving growth, investment and innovation across global energy and resources markets, including most recently in Energy Corporate Development at Fortescue. Deep expertise in M&A and capital markets with a passion for sustainable energy and decarbonisation.



Benjamin Mee
Executive Director

Over 20 years' experience in international oil and gas with a successful track record in project delivery from exploration, through to appraisal, development and production both onshore and offshore in various global locations. Most recently, held the title of Exploration Manager for Egypt and then Manager for Africa Deepwater Exploration for Shell, leading to several significant oil and gas discoveries.



Dr. Avon McIntyre
Executive Director & CTO

More than 20 years' experience in minerals and oil and gas exploration industries, with roles in government, service and operating companies. Worked for Shell in Australia and internationally in new ventures and new energies from 2008 to 2021, during which time he developed an interest in natural hydrogen and helium occurrences.



Christine Nicolau
Non-Executive Director

Served Australian major Fortescue since 2010. As General Manager of Corporate Portfolio Management, her responsibilities include driving governance, management and administration of Fortescue's interests via directorships across various company internal and external strategic growth subsidiaries. Previously coordinated Fortescue's minerals business in Latin America as Metals General Manager LATAM.

What is geologic hydrogen?

H₂ generated through natural processes within the Earth

The science

Serpentinisation



01 Iron-Rich Rocks at Depth

Deep igneous and ultramafic basement rocks contain iron minerals (FeO) that drive hydrogen-producing reactions.

02 Serpentinisation

Groundwater reacts with iron minerals at elevated temperature and pressure, oxidising FeO and splitting water molecules to release H₂ continuously.

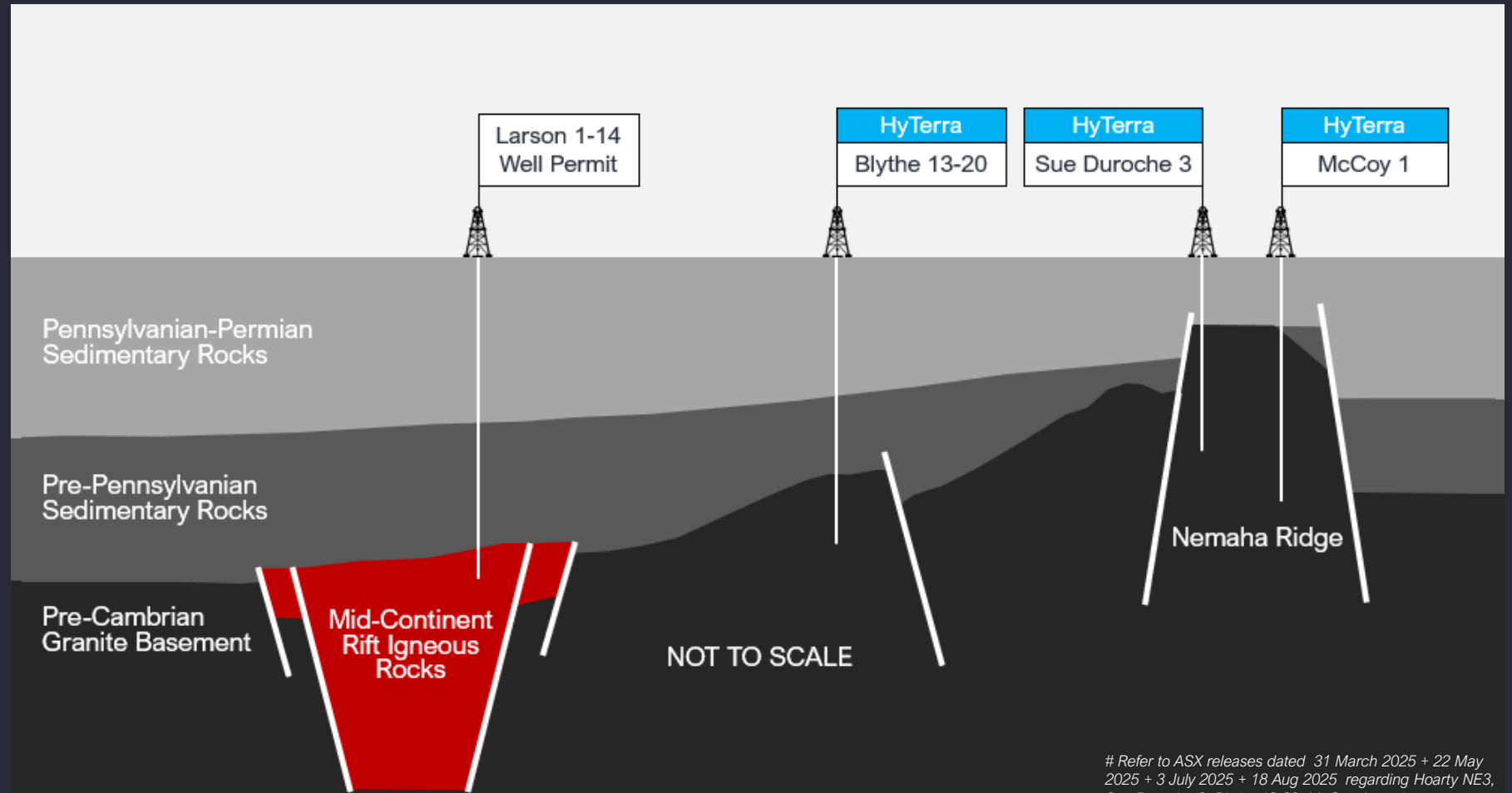
03 Radiolysis

Radiation from naturally occurring radioactive minerals (uranium, thorium) in basement rocks generates helium and splits water molecules, providing an additional source of H₂ independent of temperature.

04 Migration and Trapping

Buoyant H₂ rises through faults and fractures, accumulating in structural traps where it can be produced.

Subsurface cross section – Nemaha Ridge, Kansas[#]

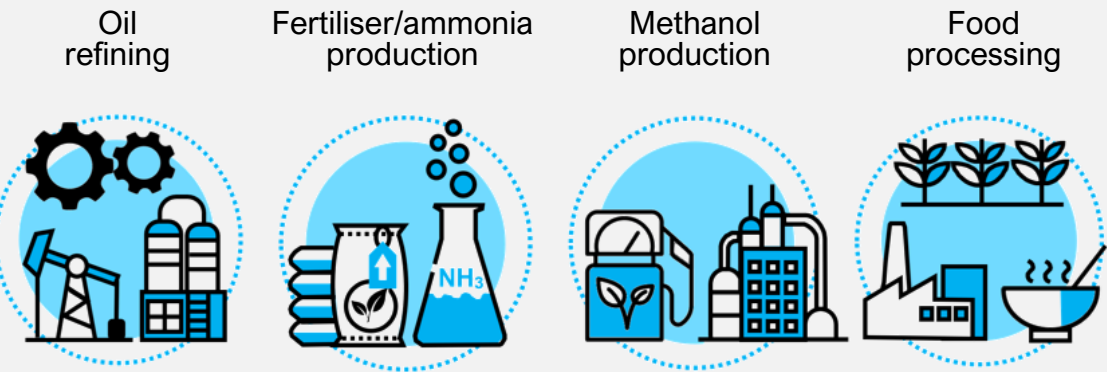


[#] Refer to ASX releases dated 31 March 2025 + 22 May 2025 + 3 July 2025 + 18 Aug 2025 regarding Hoarty NE3, Sue Duroche 3, Blythe 13-20, McCoy 1 results

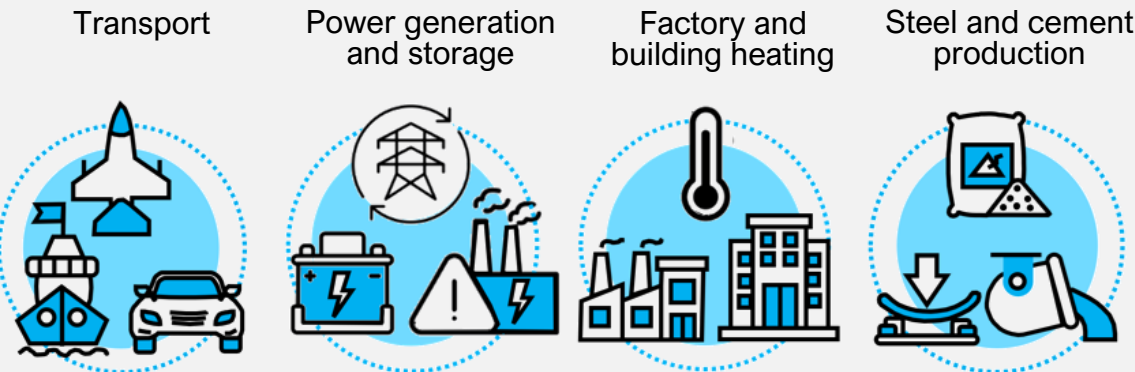
Why geologic hydrogen matters

Potential to be lowest cost supply to a large existing market expected to grow substantially by 2050.

Current uses of hydrogen



Emerging uses of hydrogen



Hydrogen production cost ranges 2022-2023*, \$US



* Numerous ranges of production costs exist due to changing variables such as, but not limited to, technology advancement, existing infrastructure, feedstock price etc. Source: Ranges sourced from BloombergNEF, IEA, Lazard, IRENA. 'At the dawn of a hydrogen era', Clota Varde Feb 2023

Why helium strengthens the opportunity

Kansas is key to US supply of helium.

- Helium markets remain tight, driven by growing demand and constrained supply¹.
- Additional value driver, not a distraction from hydrogen

¹ USGS Mineral Commodity Summaries – Helium (2024); USGS National Minerals Information Center; IDTechEx Helium Market 2025-2035; Mordor Intelligence Helium Market Report (2025); Zhang et al., Global Helium Industry Chain Analysis (2024).

HyTerra's Kansas project showed elevated helium shows in the drilled wells.

Major demand sectors

Semiconductor manufacturing



Medical MRI systems



Aerospace and space launch

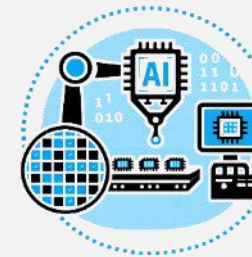


Leak detection and industrial testing

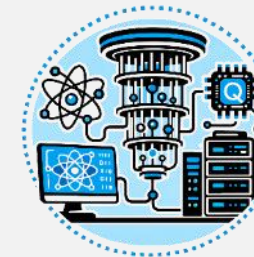


Emerging growth sectors

AI chip manufacturing



Quantum computing



Fusion energy



Expanding space economy



Geologic hydrogen is an emerging industry

Exploration has demonstrated potential; next milestone is proving sustained flow and commercial viability.

Industry snapshot*



100+ Explorers

Public and private companies pursuing geologic hydrogen globally.



US\$1b+ raised

Disclosed equity and strategic capital supporting the sector.



Encouraging early results

Hydrogen shows encountered across multiple wells, projects and geological settings.



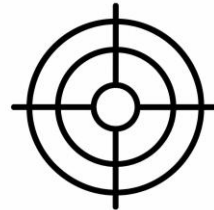
Next Hurdle

Sustained flow rates and demonstrating commercial value.



What exploration has established

Hydrogen occurs across a range of geological settings.
Multiple wells have reported hydrogen shows, but no discovery yet.
First projects are now progressing through to appraisal.



What remains to be demonstrated

Sustained and repeatable flow rates.
Booking contingent resources.
Economics capable of supporting scalable commercial development.
Technologies that fast track or enable commercialisation.



HyTerra's value proposition

Experience, proprietary knowledge and broad portfolio across multiple play types position the Company strongly as the industry advances towards commercialisation.

01

Industry-leading Explorer

Safe, efficient execution of exploration and appraisal campaigns providing technical and operational learnings and experience.

02

Clear Strategic Plan

Building a portfolio of play types and opportunities within the USA and internationally to provide multiple pathways to commercialisation and a platform to scale.

03

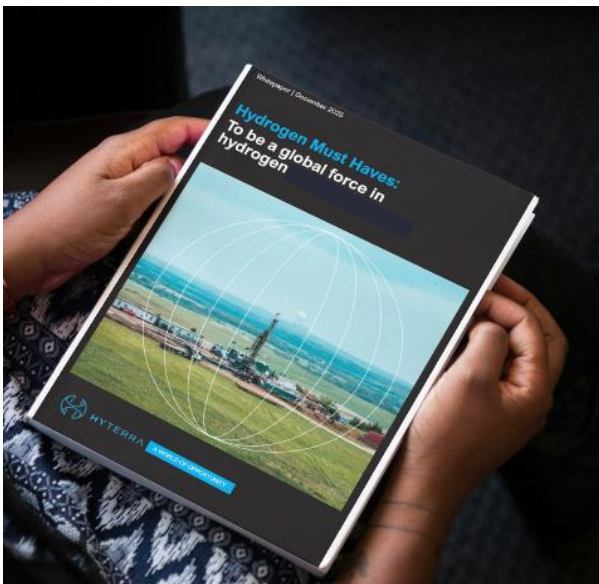
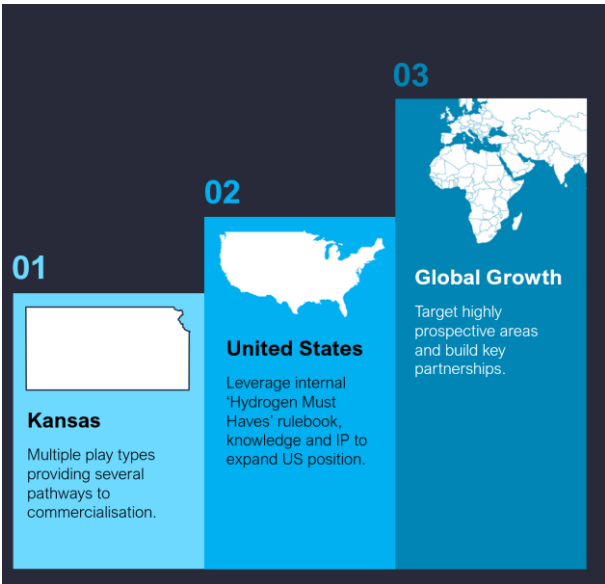
Hydrogen Playbook

A proprietary 'Hydrogen Must Haves' rulebook, continually refined through new data and field experience, that guides prospect ranking, well selection and program design.

04

Strong Team

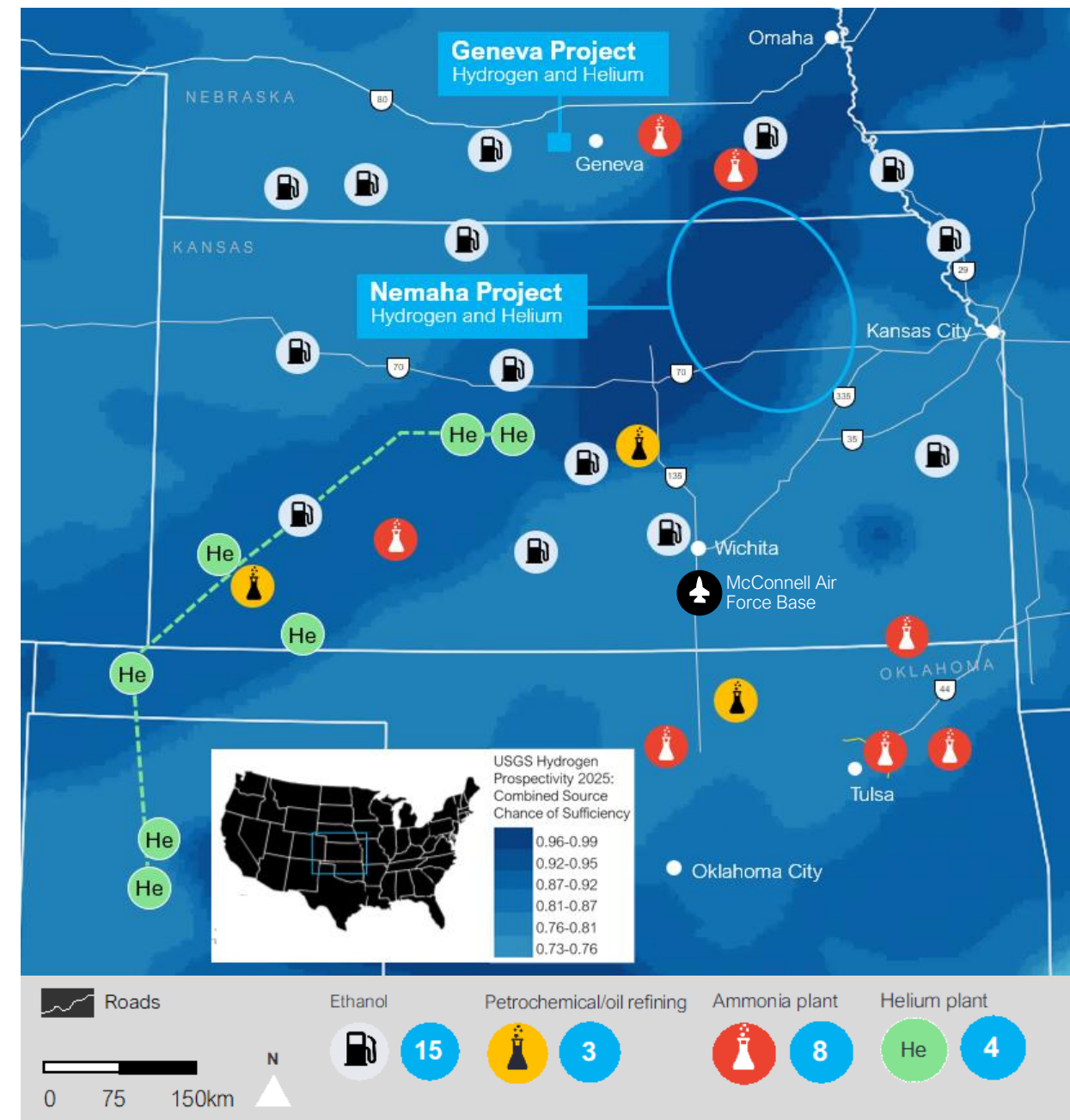
Experienced leadership and technical team with a global track record in resource exploration, development and production.



Nemaha Project

100% owned. Operator controlled.
Offtake on the doorstep.

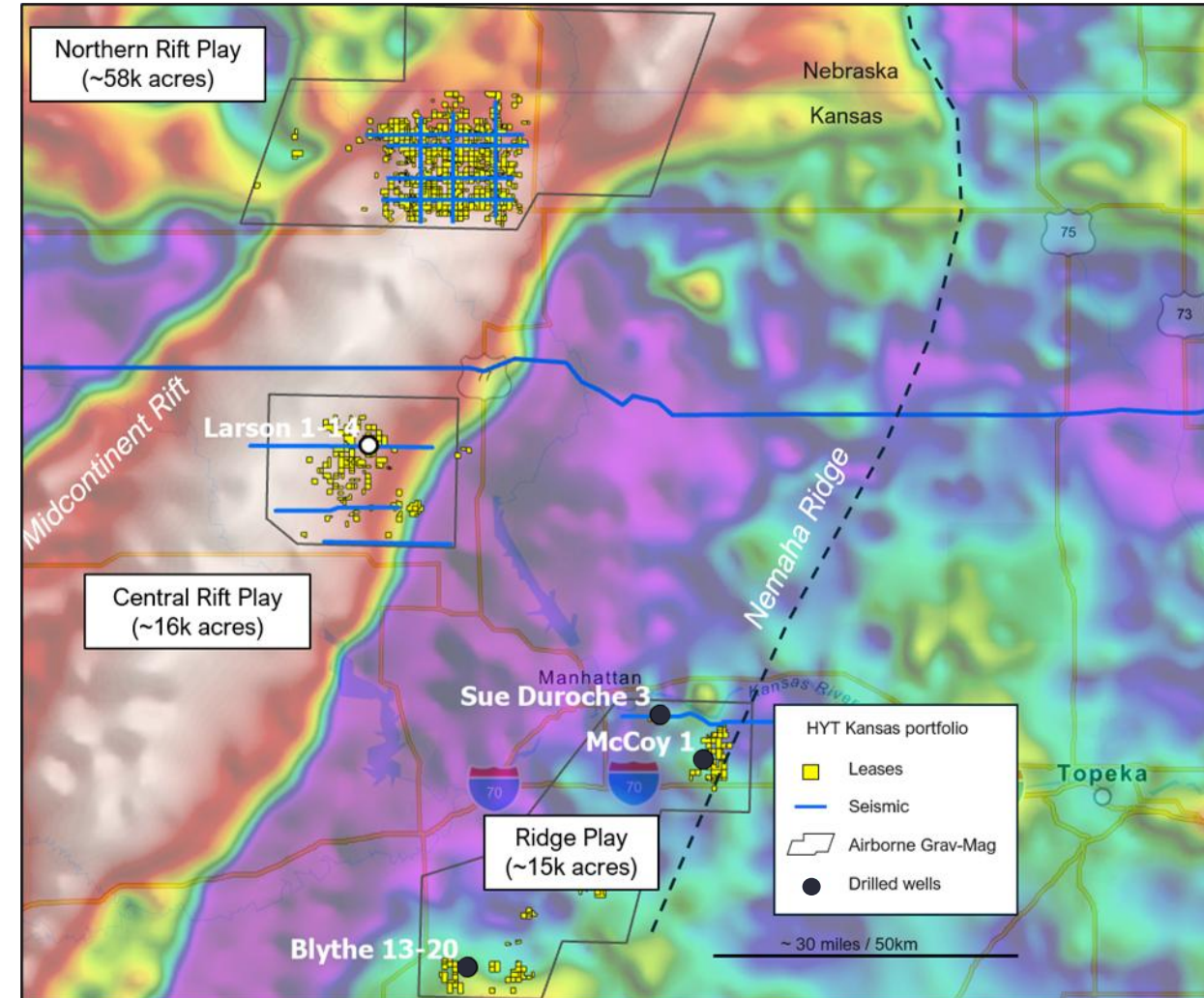
- Flagship Nemaha Project in Kansas covers over 80,000 acres and is 100% owned and operated by HyTerra.
- Project is surrounded by potential offtakers including ammonia, helium and petrochemical plants via existing transport infrastructure, and is only 150km from McConnell Air Force Base.



Multiple Play Types Across the Portfolio

Technical focus moves to the Rift Play above the hydrogen source rocks and comprising 80% of our Kansas portfolio.

- Nemaha acreage contains two geologically distinct areas of focus: the **Ridge Play** (Nemaha Ridge) and the **Rift Play** (Mid-Continental Rift).
- Three wells were drilled into the Ridge Play in 2025, with McCoy-1 completing production testing in early August 2026.
- The Rift Play represents ~80% of the Company's Kansas acreage and has been matured in parallel with the Ridge Play, including geophysical data acquisition and rock sample analyses.
- Additional plays in other US and international locations are being pursued in line with the growth pillars of the Strategic Plan.



McCoy-1 production testing

Provided new subsurface, production and operational data that now informs the next phase of the portfolio.

What we did

Tested one interval at McCoy-1.

- Assessed gas flow, composition, pressure behaviour and fluid production.
- Collected production and reservoir property data from the Ridge Play.
- Trialled well clean-up, fluid-management and testing methods.

What we found*

Low gas saturation in the tested interval.

- Helium and hydrogen were recovered, but gas flow remained low.
- Testing identified operational learnings for future drilling and completion design.

**Refer to ASX release dated 4 August 2026 for more detailed testing results.*

What it means

One location tested; learnings now carry across the broader portfolio.

- McCoy-1 tested one Ridge location, with other Ridge opportunities still to assess.
- The geologically distinct Rift Play covers ~80% of HyTerra's Kansas acreage.
- Results will refine the 'Hydrogen Must Haves' rulebook and future well design.



Bottom line: McCoy-1 did not resolve the commercial flow challenge, but it materially advanced HyTerra's understanding of the conditions required for success and how future opportunities should be tested.

International opportunities diversify the portfolio

Oman: World-class geologic hydrogen potential

- In March 2026, HyTerra signed an MoU with ARA, a leading Omani E&P operator with proven in-country capability, to identify and evaluate geologic hydrogen opportunities in Oman.
- Semail Ophiolite covers ~100,000km² – one of the world's largest potential hydrogen source rock formations.
- Uniquely primed for natural hydrogen generation via serpentinisation.
- The Rock-Hydrogen Project research well drilled ~1km into the Semail Ophiolite in 2024 and flowed hydrogen to surface.

(<https://geoexpro.com/omani-research-well-burping-hydrogen/>)

Semail Ophiolite Belt: Natural H₂ generation via serpentinisation



In the foreground, hydrogen bubbles are visibly seeping through the waters of a spring in Oman during a US Department of Energy and Oman's Ministry of Energy and Mineral Resources (MEM) arranged field trip.

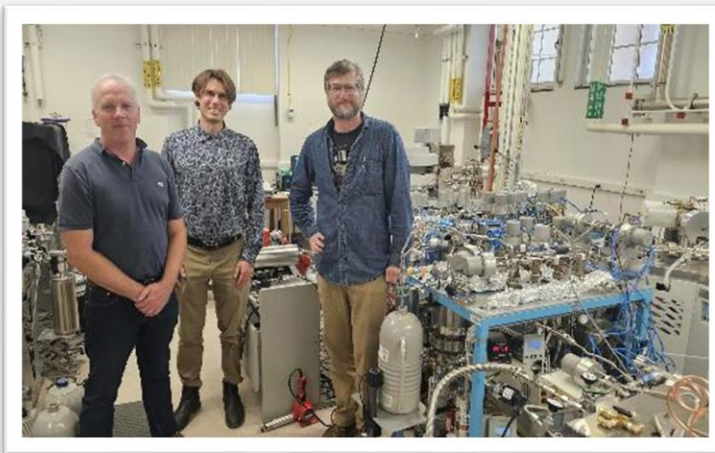
(<https://www.energy.gov/articles/departments-energy-convenes-first-ever-bilateral-engagement-geologic-hydrogen>)

In-depth rock analysis is one key part of portfolio high-grading

Hydrogen yield experiments continually refine HyTerra's "Must Haves"

Conduct hydrogen yield experiments

- Representative rock sampling
- Multiple rock experiments
- Measuring H₂ generation rates



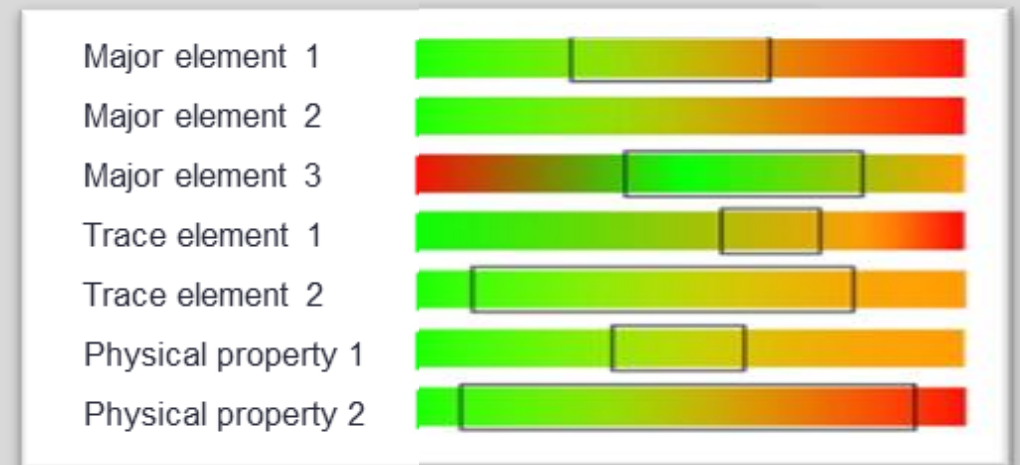
Caltech



University of Colorado - Boulder

'Must Haves' rulebook

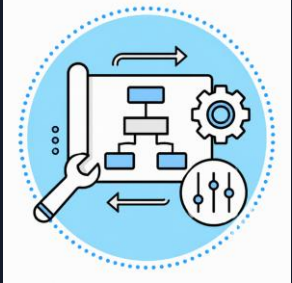
- Refining the parameter ranges
- >15 key parameters
- Primary criteria for project selection



HyTerra's proprietary "Must Haves" support opportunity ranking

What comes next?

Applying learnings across the portfolio to identify the conditions capable of supporting a commercial project.



Refine the technical framework

Integrate the McCoy-1 dataset

Combine pressure, production, gas-composition, drilling and completion data to strengthen HyTerra's proprietary 'Hydrogen Must Haves' framework.

Advance the strongest opportunities

Rank and mature the portfolio

Prioritise the opportunities with the strongest technical potential, with Larson 1-14 identified as the current Rift Play priority.



HyTerra is applying McCoy-1 learnings across the portfolio to refine its model, prioritise the strongest opportunities and prepare the next phase of field activity.



Pursue growth opportunities

Broaden the opportunity set

Continue US and international growth initiatives and strategic partnerships in line with the Strategic Plan.

Prepare future field programs

Apply learnings to the next campaign

Use McCoy-1 insights to guide future well selection and the design of drilling and completion programs.



Questions?



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