

First Field Work in PEL 803 Commencing

Highlights

- **Preparatory work commenced for first geochemical ground survey in PEL 803**
 - **Landholder engagement underway**
 - **Evaluating direct evidence of natural hydrogen and helium**
 - **Cost effective, rapid and low impact**
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Prominence Energy Limited (**ASX: PRM**) ("**Prominence**" or "**the Company**") is pleased to advise that preparatory work has commenced for the Company's first geochemical survey within Petroleum Exploration Licence 803 ("PEL 803"), part of the Gawler Hydrogen Project in South Australia. This program marks the progression from the technical de-risking work completed in the December 2025 quarter, where multiple hydrogen source rocks and reservoir–seal pairs were identified across PEL 803, to systematic field validation.

The preparatory phase includes stakeholder engagement with landholders, survey planning and logistical arrangements ahead of field operations. The survey is expected to commence during April 2026 and will take approximately 2 weeks to complete, subject to final planning and regulatory approvals.

Survey Program

The initial program will combine soil gas sampling and water bore sampling to screen the licence area for natural hydrogen (H₂) and helium (He).

Soil gas sampling is a rapid, low-impact and low-cost method that provides direct evidence of near-surface hydrogen and helium migration. The technique enables efficient regional screening and can highlight structural pathways and zones of active gas seepage.

Water bore sampling will complement the soil gas survey by providing formation-scale geochemical information. Sampling from existing bores allows the Company to test sub surface formations for hydrogen and helium gas, identify zones of increased water–rock interaction, and gather additional hydrogeochemical data for detailed geochemical modelling.

Program Objectives

The geochemical survey is designed to:

- Detect and map natural hydrogen and helium anomalies
- Identify structural or stratigraphic controls on gas migration
- Prioritise zones for follow-up seismic and drilling
- Build a regional geochemical dataset across PEL 803

Dr Krista Davies, Chief Operating Officer of Prominence Energy Limited, said:

"This initial geochemical program is an important step in systematically screening PEL 803 for natural hydrogen and helium. Soil gas and water bore sampling are cost-effective, low-impact techniques that can provide direct evidence of active gas migration. The results will help refine and prioritise our future seismic activities, which we anticipate to commence in the second half of 2026."

Authorised for release by the Board of Prominence Energy Limited

About Prominence Energy

Prominence Energy Limited is an Australian Securities Exchange (ASX:PRM) listed energy company headquartered in Perth. PRM's investment strategy is to identify very high ROI (Return on Investment) opportunities, that can be secured at an early stage at close to 'ground floor' valuations. The experienced team at Prominence therefore reviews scores of opportunities before short listing a select few to actively pursue. In addition to conventional oil and gas projects, PRM will consider potential Helium, Green Energy and particularly clean Hydrogen investment opportunities. Current key opportunities include a 100% Working Interest in the Big Apple Prospect in the Gulf of Mexico, targeting a high potential and sizeable gas prospect, a 20% interest in Umine and a 10% interest in ECOSSAUS Ltd. ECOSSAUS has an early mover advantage in seeking to establish Australian solution-mined salt caverns, that can be used for on demand energy reserves such as gas or hydrogen.

About Natural Hydrogen

Natural hydrogen (also known as "white hydrogen" or "geologic hydrogen") is hydrogen that is formed from natural processes within the earth and accumulates underground. Naturally occurring accumulations of hydrogen are present all over the world and can be identified using conventional, lowcost and non-invasive exploration methods. It can be produced and used as a renewable and non-polluting source of energy. When hydrogen is combusted (burnt) for energy, the only byproduct is water vapour, making natural hydrogen a true zero-carbon fuel. Natural hydrogen represents a hydrogen supply with the lowest production costs, environmental impact and life-cycle emissions when compared to manufactured forms of hydrogen.