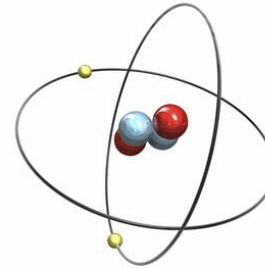


GEORGINA ENERGY PLC



CONVENTIONAL HELIUM AND HYDROCARBON DEVELOPMENT PLAY

LONDON PRESENTATION

Important Note

This investment presentation is supplied to prospective investors who have expressed an interest in an investment in Georgina Energy Plc. This presentation has been prepared by the management of Georgina and has not been independently verified nor reviewed by CSS. This presentation should be read in conjunction with the private placing memorandum issued in connection with the placing of Convertible Loan Notes of Georgina and specifically with reference to the sections entitled RISK FACTORS and FORWARD LOOKING STATEMENTS.

April 2021

Agenda

- ◆ Our Expertise
- ◆ Our Mission
- ◆ Path to Production
- ◆ Our Team
- ◆ Helium Reserves
 - ▶ SPA Hussar: Officer Basin
 - ▶ EP155: Mt Winter Amadeus Basin
 - ▶ Southern Georgina Basin Application
- ◆ Helium Resource & Hydrogen Potential
- ◆ Helium Market: Pricing & Trends
- ◆ Timeline

Our Journey

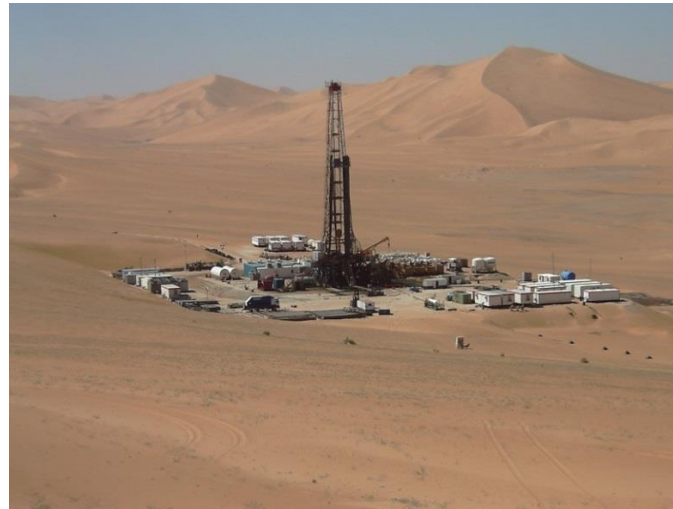
- ◆ Georgina Energy is a helium development and production company, based in Australia.
- ◆ Our core competencies:
 - ▶ Proprietary access to proven, unparalleled large-scale helium reserves.
 - ▶ Operational excellence through a management team with decades of international industry experience.
 - ▶ High-profile network to scale and finance the platform.
 - ▶ Experienced team with previous success
- ◆ Georgina Energy will be lodging a Prospectus with the UKLA for admission to the LSE Standard listing.

Our Mission

- ◆ To become one of the top three helium producers globally.
- ◆ To be the trusted partner of the leading gas downstream operators.

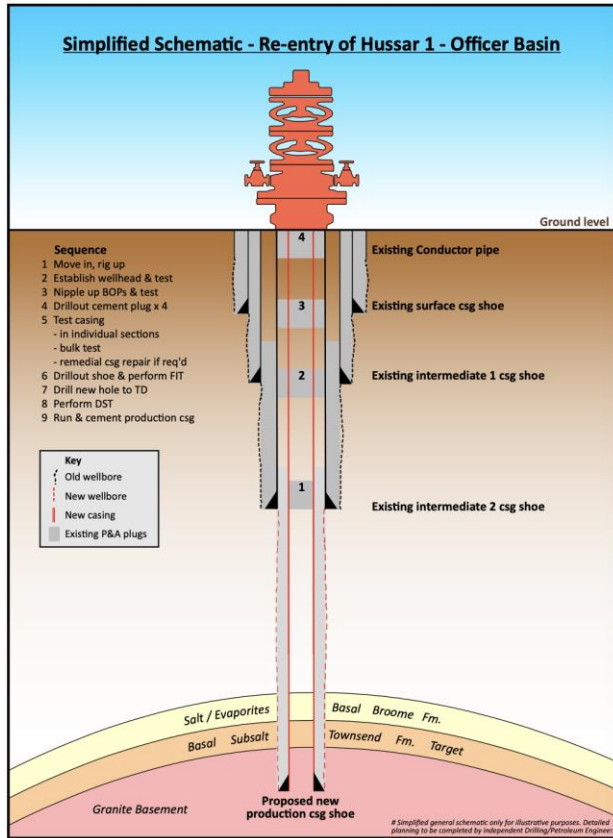
The Path to Production...

- ♦ As a helium gas development company, Georgina Energy is significantly further advanced than a traditional oil & gas exploration entity.
- ♦ Exploration risk - usually associated with such plays – is very low. Every well drilled which has penetrated the sub salt heavitree formation in the Amadeus basin has produced high concentrations of Helium (**Mt Kitty 9% Magee 6%**) Mt Kitty also recorded **11% Hydrogen**.
- ♦ Our path to production is definitive due to extensive historical drilling data showing the potential of helium reservoirs.
- ♦ For the drilling program, the company does not solely rely on seismic. It uses actual historical drilling data.
- ♦ All three fields (Exploration Permits or “EP”) have been drilled before.
- ♦ As a key advantage, Georgina Energy will re-develop and expand existing wells for its helium production.

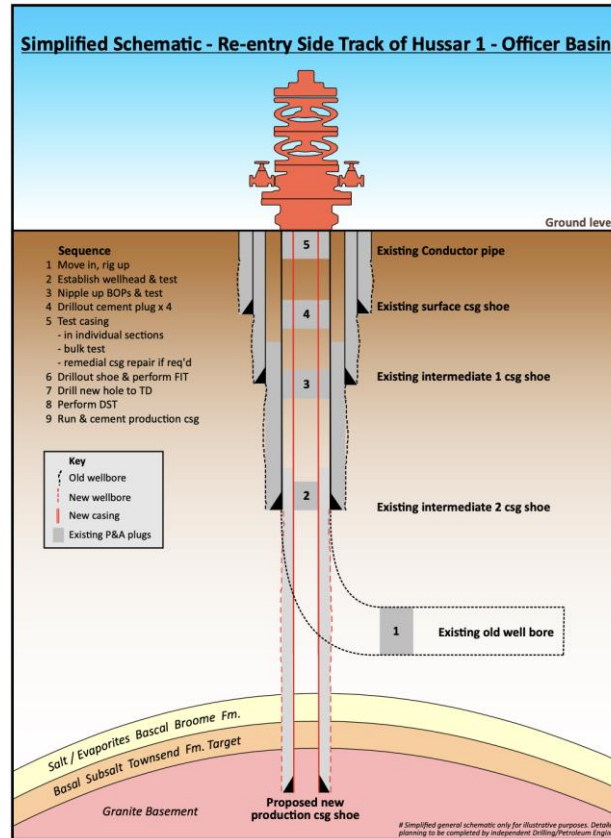


Proposed Re-Entry Methods to Existing Helium Wells

Vertical Re-Entry



Side Track Re-Entry



Board of Executive Directors

Anthony Hamilton, Executive Director

Managing Partner, Westmarket Capital Plc, is a Fellow of the Institute of Directors in London and is an Accountant by profession with over 35 years of extensive experience in international business, from investment advisory to Oil & Gas, exploration and production of gold, diamonds, base metals and property development.

Mr. Hamilton's experience has encompassed the role as CEO of an Oil & Gas in South Texas, USA, raising \$55 million for the refurbishment and re-established of operations producing 28,000 MCFPD of gas running both onshore and offshore operations. Mr. Hamilton is also accredited with developing Zimbabwe and North Americas first commercial diamond mines with hands on expertise to develop assets from discovery to production.

Mark Wallace, Executive Director

Managing Partner, Westmarket Capital Plc, holds a Bachelor of Economics and Accounting is a Chartered Accountant and has over 25 years expertise in the global financial markets having held positions with Internationally renowned Investment Banks and advisory firms including Standard Chartered Capital Markets, Cantor Fitzgerald and Credit Lyonnais in London and Natwest Capital Markets in Sydney.

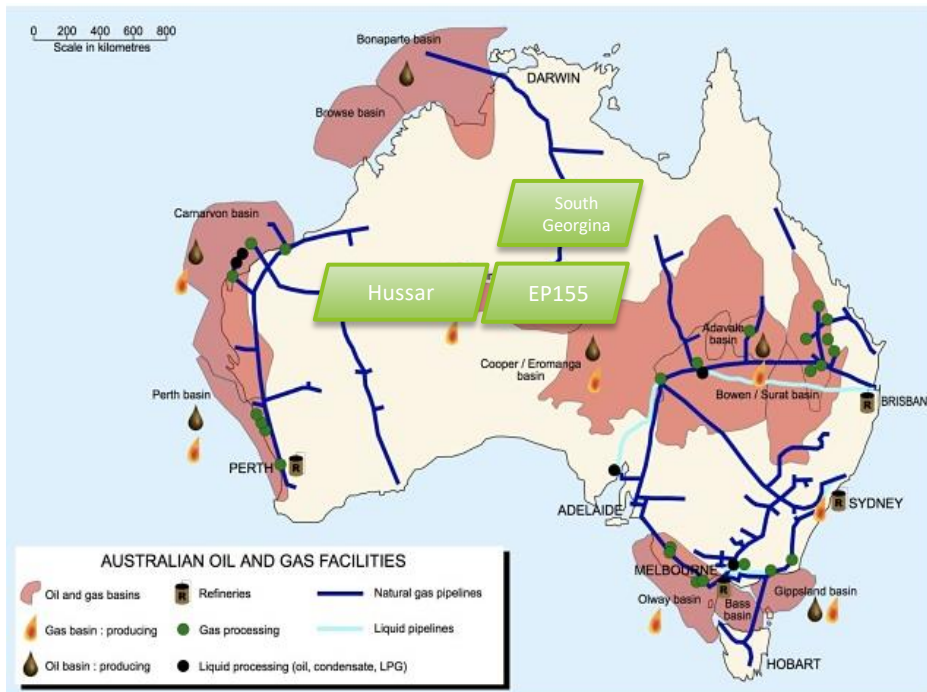
Mr. Wallace has significant experience and expertise in funding for the development of production and operational assets across numerous commodities and extensive knowledge of the off-take markets.

Board of Executive Directors

John Heugh, Technical Director

- # John has extensive experience in oil and gas exploration geology, including wellsite geology, project generation, operations geology and engineering support.
- # John was the founding Director and MD for 15 years of Central Petroleum Ltd., the biggest acreage holder in Australia of prime petroleum exploration and appraisal ground (70 million acres).
- # Extensive helium exploration and target identification expertise.
- # Founding Director and Executive Vice-Chairman PetroAfrique Oil&Gas Ltd.
- # Founding Director and Executive Chairman of Gryphon Mining & Energy Melanesia Pty Ltd. Raised over \$100 million for exploration, initial development & discovery.
- # Orchestrated over \$500 million of JV expenditure potential.
- # Discovered over one trillion tons of coal, a 300 km² tight gas sand prospect, generated the first horizontal well onshore in Australia, and delivered commercial oil to surface.
- # Pioneered the promotion of unconventional (shale gas and oil) in Australia in 2007.

EP Location Benefits



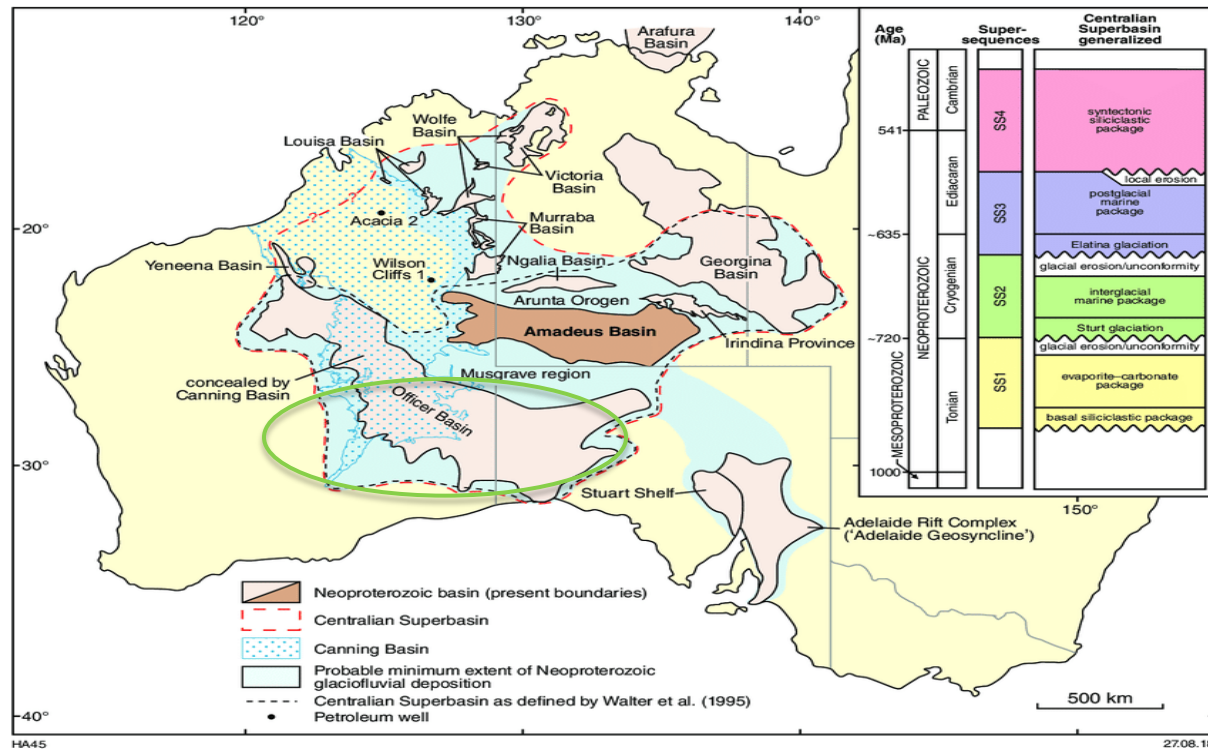
- ◆ Proper infrastructure of roads and rail to Darwin.
- ◆ Gas pipeline from Santos to Darwin Port.
- ◆ Eastern gas pipeline to service East coast.
- ◆ Off-take from BOC/Linde helium plant in Darwin.
- ◆ Ready and accessible export market for helium, oil and gas.
- ◆ Domestic market under-supplied in the Eastern states due to large exports.
- ◆ Northern Territory Government investment incentives.

SPA HUSSAR: Officer Basin

- ♦ The SPA HUSSAR Project, in the Officer Basin of Western Australia, is considered by independent consultants to be one of the most lucrative resource basins in Asia Pacific due to its significant helium, oil and gas potential.
 - ♦ The property is held by Westmarket Oil & Gas, a wholly owned subsidiary of Georgina Energy Plc. The area consists of 47 blocks, each covering 80 square kms, over 3,760 square kms. It hosts the Hussar 1 well drilled in 1982. The well was drilled to a depth of 2,040m with sustained significant gas flow, above the Townsend sub-salt horizon, which hosts the potential helium reservoirs.
-
- ♦ Independent consultants confirmed the Officer Basin has, within the permit, the required elements to yield significant helium accumulations and potential charged structures to host **105 BCFG at P50 of helium** with a potential in-situ value of US\$29.4 billion.
 - ♦ SPA Hussar also potentially contains **c. 4.2 TCFG at P50** of recoverable gas volume with a potential in-situ value of US\$46 billion, based on a recovery factor of 60%.
 - ♦ Hussar SPA 0095 has the potential of notional 11% Hydrogen concentration , 495 BCFG
 - ♦ Georgina Energy will, upon completion of its work program, convert the SPA Hussar into an Exploration Permit (EP) to develop the license and focus on the helium potential.

SPA Hussar Project

Officer Basin location within the Centralian Superbasin.

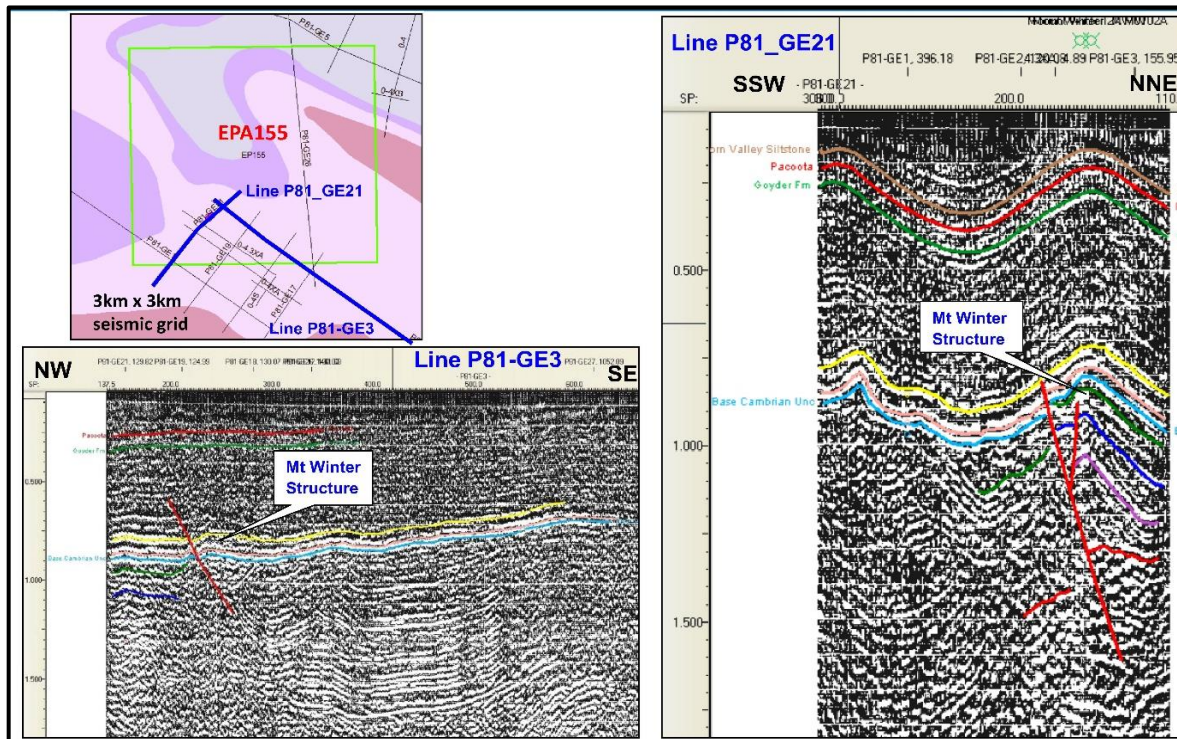


EP155: Mt Winter, Amadeus Basin

- ♦ The EP155 Mt Winter Project, in the Southern Amadeus Basin, Northern Territory of Australia is considered by independent consultants to be one of the most valuable resource basins in Asia Pacific. It has significant helium, oil and gas potential.
- ♦ The property is held by Westmarket Oil & Gas, a wholly owned subsidiary of Georgina Energy Plc, consists of a Farm-in with Mosman Oil & Gas to earn up to 70% interest and management control of the project.
- ♦ The Mt Winter well was drilled to a depth of 2,650m TD. It did not penetrate the sub-salt helium horizon. The project area is 3,200 acres.
- ♦ Georgina Energy has an initial program to complete seismic, and then side-track the existing well to develop the helium.
- ♦ Independent consultants confirmed the Mt Winter project has, within the permit, the required elements to yield significant helium accumulations, and potential charged structures to host up to **P50 75 BCFG of helium**.
- ♦ EP155 also potentially contains prospective recoverable **c.1.5 TCFGE** (trillion cubic feet equivalent) Hydrocarbons.
- ♦ EP155 has the potential to host at a notional 11% Hydrogen concentration of 165 BCFG.
- ♦ Georgina Energy can earn an additional 15% of revenue from oil resources discovered.

EP155: Mt Winter Project

Mt Winter Seismic Slices through the Structure.



Helium Resource Potential

- ♦ The Company has evaluated the potential of EP155, Hussar SPA and Southern Georgina Basin to contain the required elements to yield significant helium accumulations.
- ♦ Helium gas is produced by radioactive decay of U and Th in rocks and sediments. It can be trapped in the subsurface under conditions that also trap natural gas. Many natural gas deposits contain economically significant helium, with helium being worth over 10 times the natural gas price.
- ♦ Potential to host an initial targeted P50 unrisked Prospective Resources, **EP155 75 BCFG**, Hussar SPA **105 BCFG** and Southern Georgina application pending based on comparative resource in the Amadeus Basin, as calculated by Independent Geological Consultants.
- ♦ Based on the work done to date, the Company has confirmed the permit contains the key elements for the accumulation of helium with recent analogue studies, providing further confidence in these key elements.
- ♦ Main elements required for significant accumulation of helium are: the age of the basement and basin fill, those rocks containing helium source potential, an active old aquifer system close to basement, good sealing potential, and relatively shallow and under-pressured rock strata.
- ♦ Due to the remarkable uniformity of the Gillen salt seal overlying the basal clastics of the heavy tree formation in turn overlying the Helium producing basement substrates in the both the Officer and Amadeus Basins, it is easy to draw the conclusion that wherever Helium appears to be a viable target that relatively high concentrations of Hydrogen may well be found. As noted in the flow testing of Mt Kitty which reported 11% Hydrogen.

Helium Market Dynamics

Georgina Energy aims to be a leading participant in the global helium market, with the development of its prospective resources.

The relevance of helium:

Demand is outpacing supply

- ▶ Strong growth in all segments: government defence, technology, medical applications, lab & research.
- ▶ Bureau of Land Management system, private crude helium sources are in steep decline.
- ▶ Helium production from Liquid Natural Gas is reduced in some regions.

Lack of major new sources will worsen shortages

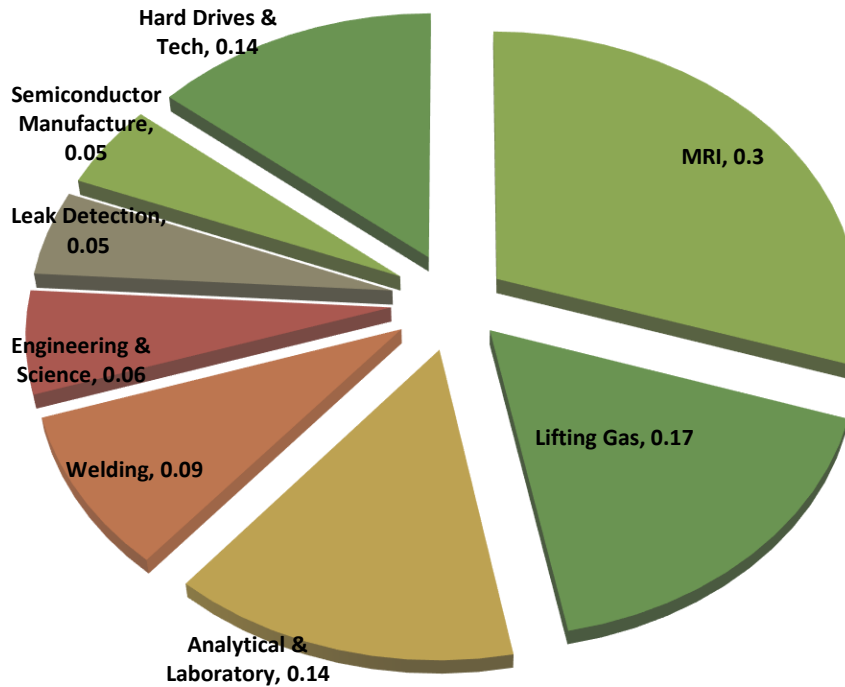
- ▶ Project delays for smaller new sources in the U.S. and Qatar.
- ▶ Next major plant (Gazprom Amur) expected to come on-stream in 2021 – 2022.
- ▶ Continued geopolitical strife causes new supply chain challenges.

Rapid helium source cost increases

- ▶ Last BLM auction: +135% increase YoY in average auction price.
- ▶ Surcharges in effect from many industrial gas companies.

Helium Applications

The market is anticipated to grow on increasing usage of helium in various high tech applications given its unique attributes. Those include: cryogenics, welding, inert atmospheres, electronics, lifting, pressure & purging, hybrid vehicles and helium-filled hard drives.



Source: US Geological Survey

Key Investment Rationale

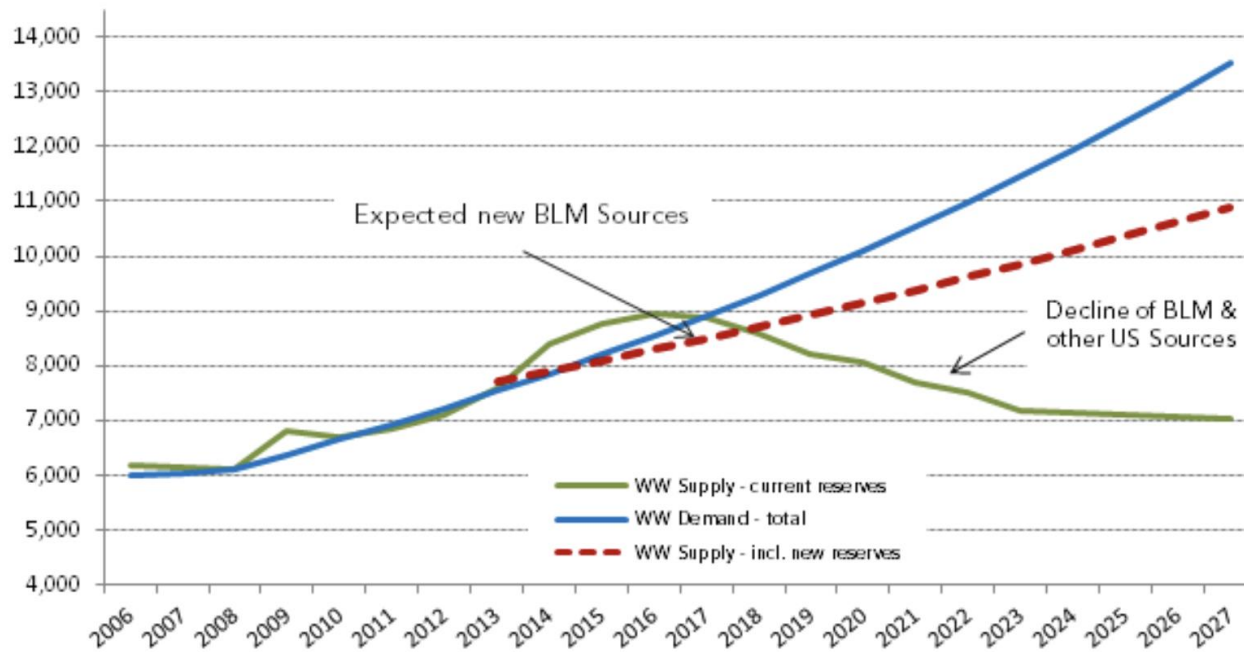
- ◆ As demonstrated, Georgina Energy has access to a unique portfolio of large scale complementary helium resources in a stable jurisdiction. As of current knowledge, no comparable asset exists.
- ◆ It is not possible to manufacture helium artificially. Helium is a non-renewable resource.
- ◆ The world's helium reserves are becoming increasingly scarce. The threat of a massive global shortage of this precious gas has prompted *the United States Government to enter helium on its list of Critical Elements*.
- ◆ “The world's helium supply shortage has the medical industry worried. Nearly a quarter of the world's helium is used for cryogenics in MRI machines. The situation has gotten so bad that doctors have actually called for a ban on party balloons to save helium for life-saving purposes.” marketnewsupdates.com
- ◆ “*Despite the critical role that the gas plays in the modern world, it is being depleted at an unprecedented rate and reserves could dwindle to virtually nothing within a generation,*” warns Nobel laureate Robert Richardson, professor of physics at Cornell University in Ithaca, New York.

Helium Price

- ◆ Global demand for helium has risen by 10% per year over the past decade to an estimated 8.0 bn cubic feet. This excludes military applications.
- ◆ Demand already exceeds current supply, which sits at only 5.4 bn cubic feet. This shortfall has resulted a sharp rise in the helium price.
- ◆ The US Bureau of Land Management (BLM) held its FY 2019 Crude Helium Auction in Amarillo, Texas on Aug 31, 2018. No further auctions will be held following cancellation by the BLMS.
- ◆ The average price for helium was \$288 per million standard cubic feet.
- ◆ The average 2019 price is an increase of \$160/Mscf, or 135%, from the average price of \$119/Mscf that resulted from the FY2018 auction.
- ◆ The critical shortage has caused a helium price surge to all-time highs. It has drawn investor attention to gas producers like Praxair Inc., which recently merged with Linde Group, Air Products & Chemicals Inc. (NYSE: APD), Gazprom PAO (OTC: OGZPY) and United State Natural Gas Fund LP (NYSE: UNG).

Long-Term Helium Supply & Demand

Helium: Global Supply & Demand



Source: US Geological Survey

Commercialization Strategy



Mobile Helium Plant



Containerized Helium Transportation

- ◆ Minimal capital requirement proposal comprises a modular liquid helium plant, tanker & ISO containers for transport of helium – moves 97% of world's helium. The company has secured an initial **GBP50 million** draw down facility once the company is listed, which provides additional working capital security.
- ◆ Darwin-based helium plant, owned and operated by Linde AG, is currently under-utilized.
- ◆ Development scenarios envisaged:
 - ▶ Sale of entire project to an industrial gas company or strategic gas user.
 - ▶ Selling feed gas to a major industrial company that would Build-Own-Operate (BOO) a liquid helium plant.
 - ▶ Form a JV with one of the major industrial gas companies to BOO the plant and sell helium.

Commercialization Strategy (cont'd)

Helium Plant in Darwin



- ♦ The recovery of helium requires a specialist plant. The gas comes to surface with other impurities, including natural gas, bitumen and oil.
- ♦ BOC/Linde AG provides a field plant for the cryogenic recovery of raw helium.
- ♦ The plan is to finalise an off-take agreement. This will see the helium purification by way of pressure swing absorption (PSA) recovery into high purity helium (>99.99%).
- ♦ The liquified product is stored in on-site bunker facilities.
- ♦ Helium is a non-combustible product. It will be trucked to the Darwin plant.
- ♦ Once Stage One is commercialized, secondary wells will be developed.

Key Milestones Post IPO

	Month 1	Month 2	Month 4	Month 6	12	18	24
Final approvals for EP155 and Hussar 1.							
Submission of work programs.							
Review of historical data and seismic.							
Identification for 4D seismic program.							
Workforce mobilization and planning.							
Implementation of development & rework program.							
Development of target & revised resource.							
First well production helium.							
Second well development.							

- ▶ In a scenario of GBP 5+ Mio is raised, helium well development will be accelerated accordingly.
- ▶ IPO underwriting target: GBP 5 m.

Proof of Concept: Adjacent Tenement Amadeus Basin

- ◆ Oil and gas operations in the neighboring Amadeus Basin is operated by Santos Ltd (STO.ASX) and Central Petroleum Ltd (CTP.ASX) in a 70/30 JV.
- ◆ Historically, Central Petroleum has reported on the helium potential of the Amadeus Basin. The two most significant helium discoveries to date:
 - ▶ The Magee-1 from the Heavitree quartzite (6.2% helium), the flow (63.2 MCFD) included nitrogen, wet gas and helium.
 - ▶ The other discovery highlighted by a flow (initially around 500 MCFD. No long-term test was performed coming out of fractured granite basement in the Mt Kitty-1 well (5.8% helium).
- ◆ These are very high concentrations by world standards. It has been reported that Mt Kitty could host recoverable resources of up to 61BCf of gas and 29.7BCF of the even more valuable helium (P50) if it is a four-way dip closure.
- ◆ Most recently (2 May 2017), Santos announced it will increase its interest in the permits EP(A)111 and EP(A)124. The EP(A)s are located in the Amadeus Basin and adjacent to existing Santos operated areas in joint venture with Central Petroleum. The move is a strong indication that Santos considers the Amadeus Basin to have tremendous potential.
- ◆ In their Investor Presentation, the Dukas Prospect was highlighted, stating that the discovery of helium and hydrogen gas stream contents represent high value liquids proxies.

IPO Advisors & Managers

IPO LONDON STOCK EXCHANGE (LSE) STANDARD SEGMENT

- ▶ ETX CAPITAL Brokers/Corporate Advisors
- ▶ MEMERY CRYSTAL Prospectus /Corporate Governance
- ▶ PETKO INVESTMENTS Competent Persons Report (CPR)
- ▶ SOLOMONS BROTHERS Manager Lawyers
- ▶ COZENS JOHANSEEN Lawyers NT
- ▶ ELDERTON AUDIT UK Auditors
- ▶ PROACTIVE INVESTORS UK PR and Company Web site UK

GEORGINA ENERGY PLC

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February 2021

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