



# ENERGY Blue.

**CORPORATE QUARTERLY UPDATE**

20 June 2023



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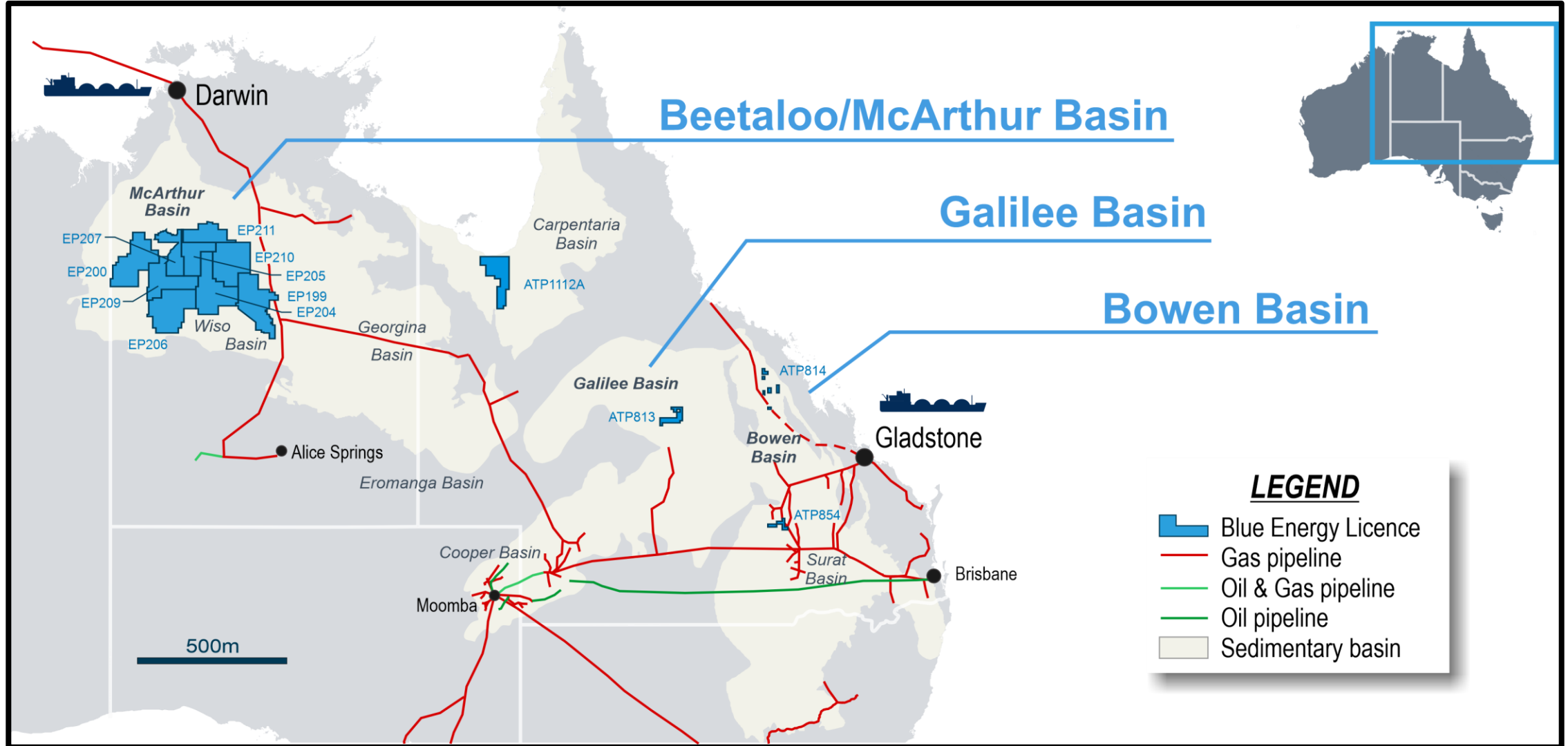
### Competent Person Statement & Listing Rule 5.42 Disclosure

The estimates of Reserves and Contingent Resources noted throughout this ASX Announcement have been provided by Mr John Hattner of Netherland, Sewell and Associates Inc (NSAI) and were originally reported in the Company’s market announcements of 25 January 2012, 26 February 2013, 19 March 2013, 8 December 2015, 28 February 2019, 22 January 2022 and 14 July 2022. NSAI independently regularly reviews the Company’s Reserves and Contingent Resources. Mr Hattner is a full-time employee of NSAI, has over 30 years of industry experience and 20 years of experience in reserve estimation, is a licensed geologist and a member of the Society of Petroleum Engineers (SPE), and has consented to the use of the information presented herein. The estimates in the reports by Mr Hattner have been prepared in accordance with the definitions and guidelines set forth in the 2018 Petroleum and Resource Management System (PRMS) approved by the SPE, utilising a deterministic methodology. Blue Energy confirms that it is not aware of any new information or data that materially affects the information included in any of the announcements relating to ATP 813, 814 or 854 referred to in this report and that all of the material assumptions and technical parameters underpinning the estimates in the announcements continue to apply and have not materially changed.

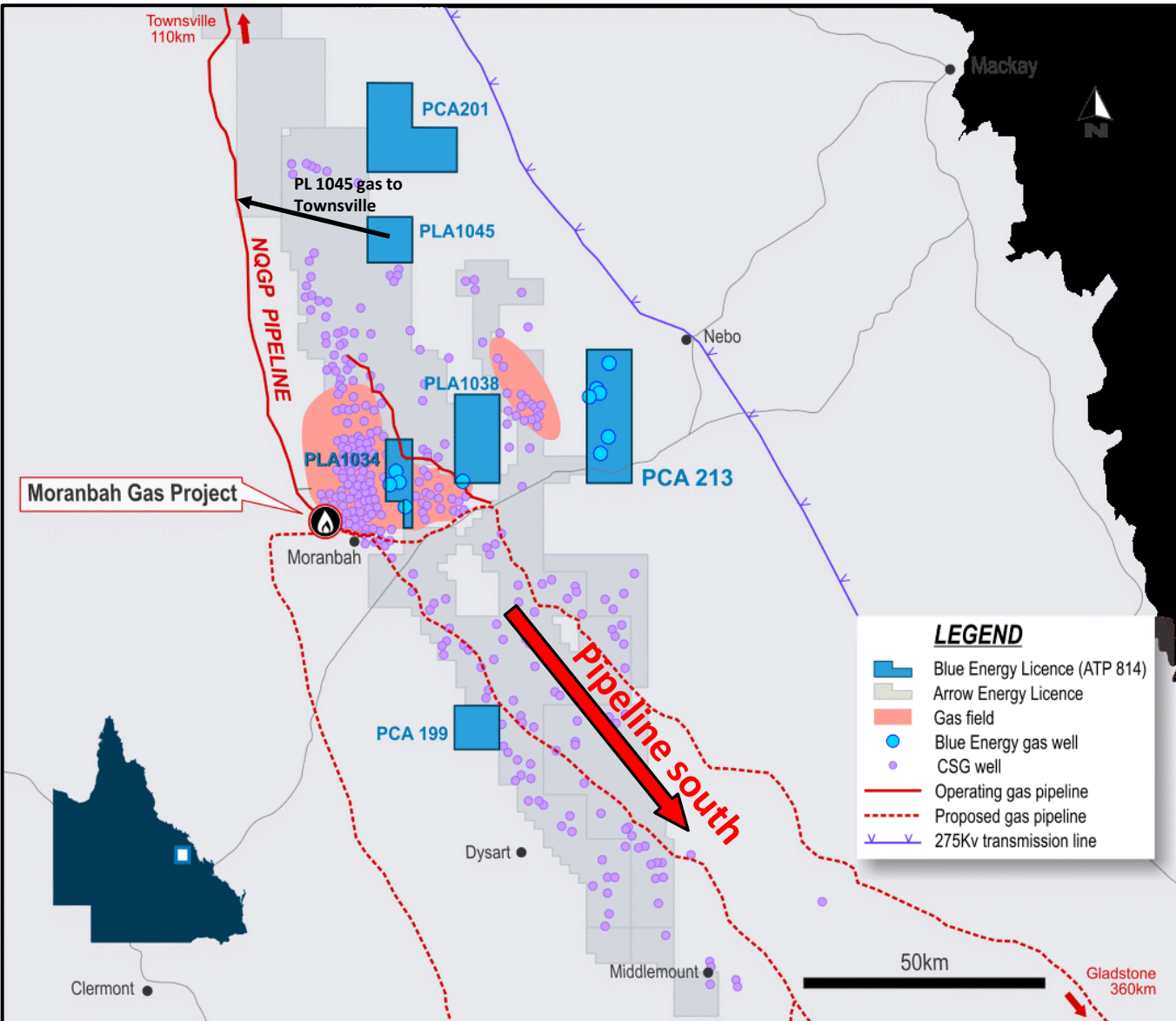
++ Listing Rule 5.28.2: The estimated quantities of petroleum that may potentially be recovered by the application of a future development project(s) relate to undiscovered accumulations. These estimates have both an associated risk of discovery and a risk of development. Further exploration appraisal and evaluation is required to determine the existence of a significant quantity of potentially moveable hydrocarbons.

# BLUE'S ACREAGE POSITION

## THE 3 KEY NEW GAS SUPPLY BASINS



# NORTH BOWEN GAS – LONG TERM, RELIABLE SUPPLY



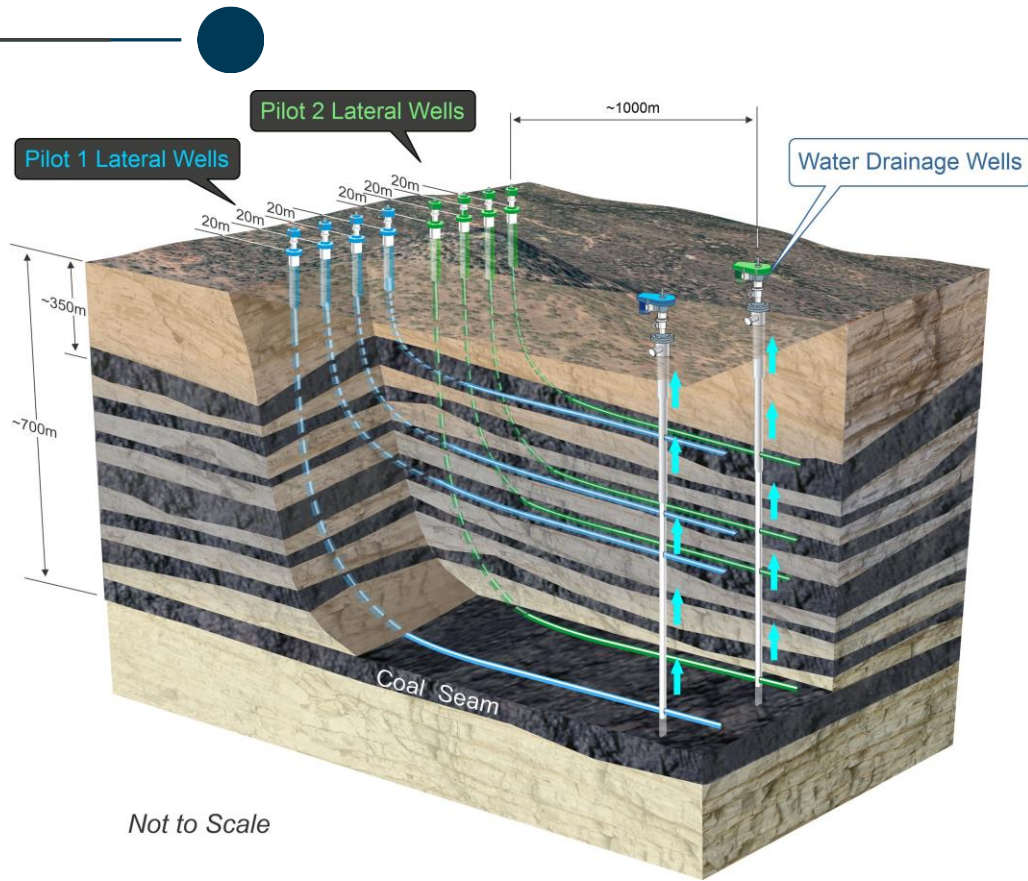
- North Bowen has ~15,000 PJ gas resource – NSAI
- 30 years of east coast domestic gas demand
- Blue has ~3,000 PJ of the gas resource – NSAI
  - 8 years of east coast domestic gas demand
- Blue has MoU with new owner of MGP – access to market
- State Govt holding feasibility and commercial studies for pipeline connection to east coast market
- North Bowen Basin
  - Has **scale** - 15,000 PJ recoverable gas resource
  - Has been **de-risked** – gas production since 2006
  - Has **low environmental impact** – cattle country with large scale open pit coal mines
  - Has **no Great Artesian Basin** aquifers present

# SAPPHIRE WELL LOCATION

(LOOKING SOUTH TOWARD ISAAC PLAINS MINE)



# SAPPHIRE PILOT DESIGN

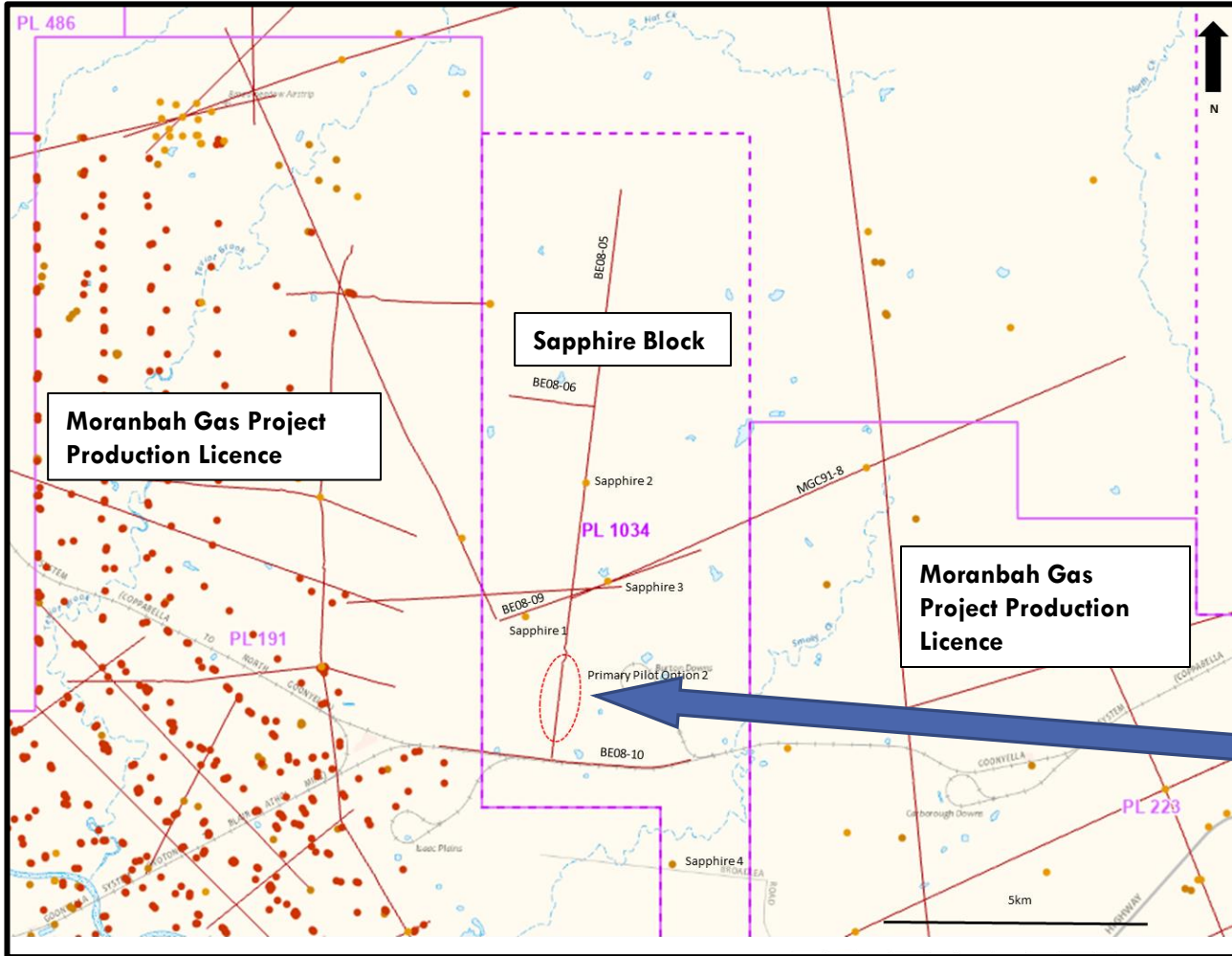


## The Pilot configuration:

- Approx 75m separation between the two vertical wells.
- Two sets of lateral wells intercepting two vertical wells.
- Gas produced out of the laterals, with water out of the verticals.
- Locations are optimised to straddle the seismic line and allow 1000m of lateral per seam.
- The depth to top coal is ~ 150m at these locations with multiple seams down to 650 metres being targeted.



# BLUE'S SAPPHIRE PILOT DRILLING



Sapphire 5 and 6 pilots targeted the Permian Coal measures:

- Rangal Coal Measures
- Fort Cooper Coal Measures
- Moranbah Coal Measures

Pilot wells located on seismic line for control

Adjacent to Arrow's/QPM Moranbah Gas Project, one of Queensland's earliest CSG fields and numerous coal mines

Sapphire Pilots located 2 km from existing MGP producing wells

# SAPPHIRE TIE INTO THE MORANBAH GAS PLANT

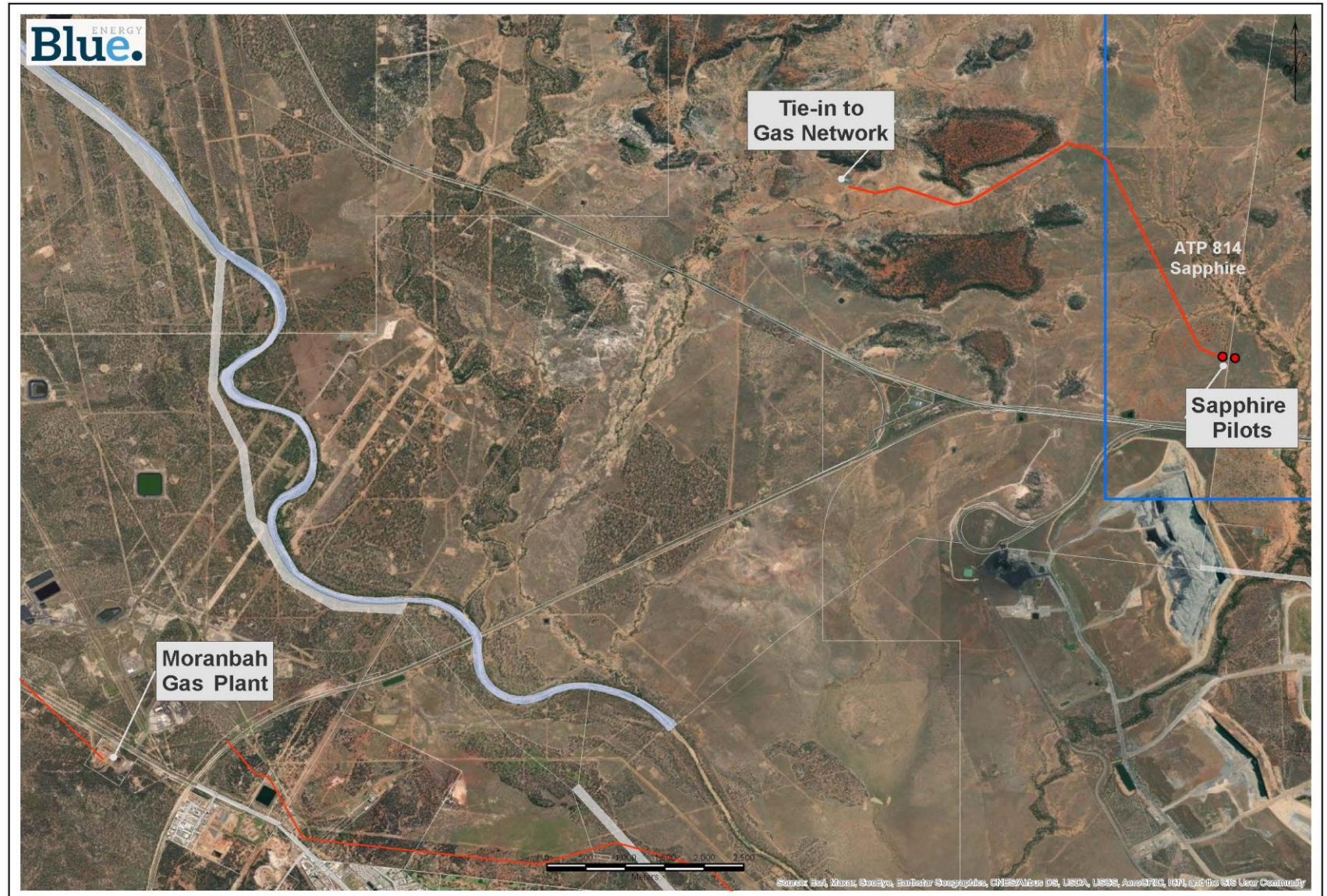
## Executed MoU with QPM

- Provides Pilot gas to MGP
- On “as available” basis
- Pipeline route identified
- Tie in point identified (Node 3 in MGP)

## Outstanding items

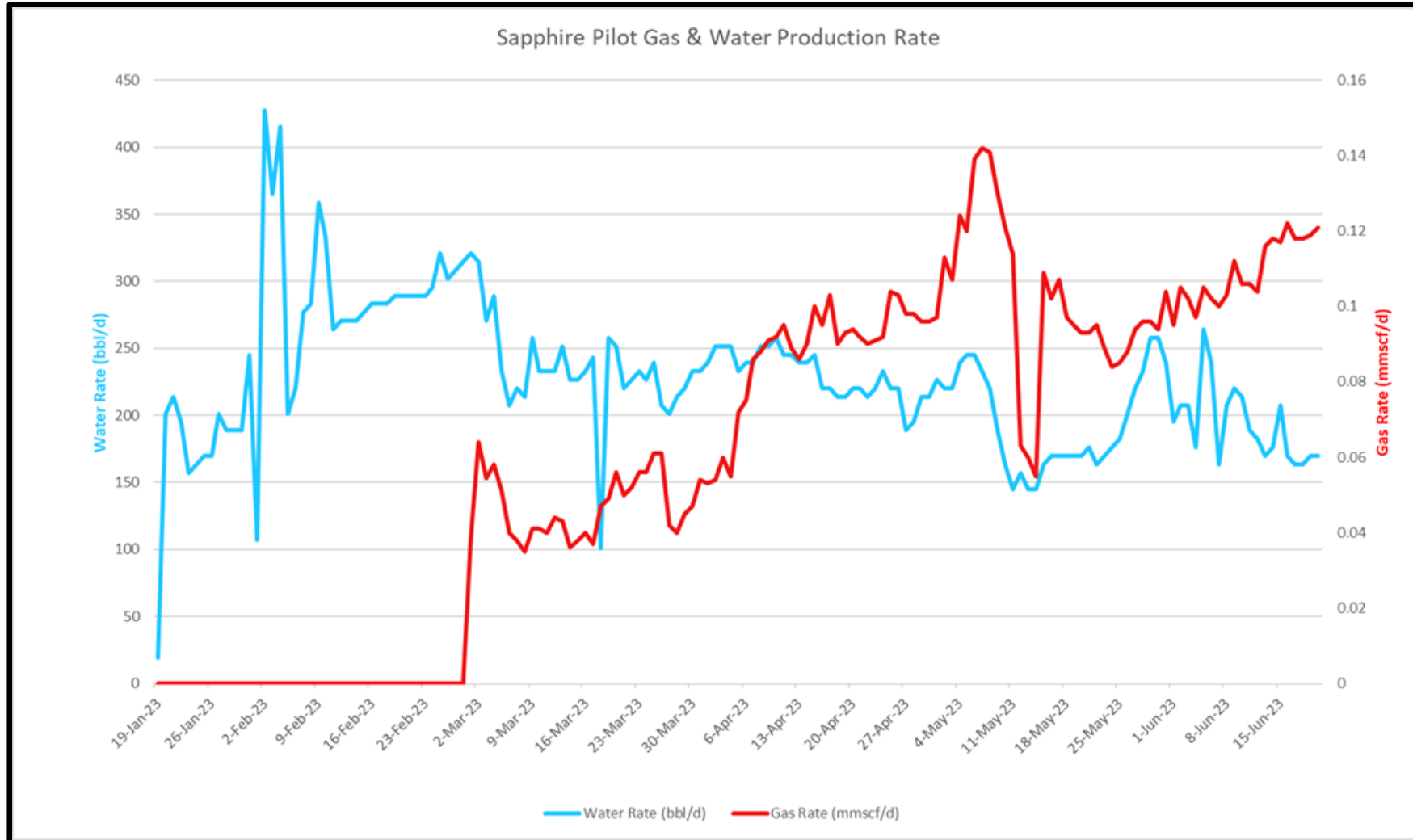
- Term sheet for supply
- Engineering specs of tie in
- Cost sharing
- Completion of QPM purchase of MGP

This MoU provides a path to market not only for pilot gas but infrastructure for longer term gas supply





# SAPPHIRE PILOT TEST WELL RATES



# SAPPHIRE – NEXT STEPS

- QPM MoU delivers access to the MGP – path to market – waiting on QPM-Arrow deal to complete
- Working with QPM to establish engineering and design requirements plus costing
- Working up costings for pipeline connection to the MGP
- Awaiting updated reserves and resources from NSAI for Sapphire post drill
- Qld Government 2023/4 Budget - \$21 million for frontier exploration in Bowen and Galilee Basins – seeking details on criteria
- Awaiting Government/KPMG report on Bowen Gas Pipeline feasibility/commerciality
  - Phase 1 of the Study – Feasibility - completed – the pipeline is feasible
  - Phase 2 of the Study – Commerciality – Draft is with Qld Government for release
- Lodging further information with Government for PL grant consideration
- Assessing timing of EPBC referral for Sapphire project



# Blue. ENERGY



# CORPORATE RESERVES AND RESOURCES

Permit	Block	Date	Method	Certifier	1P (PJ)	1C (PJ)	2P (PJ)	2C (PJ)	3P (PJ)	3C (PJ)
ATP854P	Whole Permit	22/01/2022	SPE/PRMS	NSAI	0	90	0	194	0	398
ATP813P	Whole Permit	29/10/2014	SPE/PRMS	NSAI	0	0	0	61	0	830
ATP814P	Sapphire	14/07/2022	SPE/PRMS	NSAI	0	154.3	66.5	213.9	253.2	214.1
ATP814P	Central	5/12/2015	SPE/PRMS	NSAI	0	50	12	99	75	306
ATP814P	Monslatt	5/12/2015	SPE/PRMS	NSAI	0	0	0	619	0	2,054
ATP814P	Lancewood	5/12/2015	SPE/PRMS	NSAI	0	5	0	23	1	435
ATP814P	Hillalong	27/02/2019	SPE/PRMS	NSAI	0	0	0	182	0	237
ATP814P	South	30/06/2013	SPE/PRMS	NSAI	0	15	0	27	6	30
<b>Total (PJ)</b>					<b>0</b>	<b>314.3</b>	<b>78</b>	<b>1,418</b>	<b>335</b>	<b>4,504</b>

\*All numbers are net to Blue Energy