

PURE ENERGY UPDATE VENUS 1 PILOT

- ▶ 11.8 TCF¹ GAS RESOURCES
- ▶ MANAGEMENT HAVE DONE IT BEFORE



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Geological Information

- The geological information in this presentation relating to geological information and resources is based on information compiled by Mr Lan Nguyen, who is a Member of Petroleum Exploration Society of Australia and the Society of the Petroleum Engineers and has sufficient experience to qualify as a Competent Person. Mr Nguyen consents to the inclusion of the matters based on his information in the form and context in which they appear. The information related to the results of drilled petroleum wells has been sourced from the publicly available well completion reports.

Notes

1. See announcement dated 12 December 2019 - Project Venus Prospective Gas Resources 694 PJ Best
2. The Prospective Gas Resources is a combination of Project Venus Prospective Gas Resources 694 PJ Best, with Serowe CSG Project Prospective Gas Resources of 2.4 Trillion Cubic Feet (Tcf) and the Windorah Gas Project Prospective Gas Resources of 8.8Tcf which was adjusted for the reduced ATP 927P area post partial relinquishment in September 2019.
3. The contingent gas resources were disclosed in Real Energy announcement dated 23 August 2019. The Prospective resource estimates made in DeGolyer Mac Naughton July 2015 for ATP927P – Announced 21 July 2015. The stated figures have been adjusted for the reduced ATP 927P area post partial relinquishment in September 2019
4. See Strata X Energy Announcement dated 14 May 2019 – 83% increase in Prospective Gas Resource in the Serowe CSG Project.



CORPORATE STRUCTURE

Pure is the merger of Real Energy and Strata-X Energy

PRE MERGER:

- Real Energy : 353 million shares
- Strata-X Energy: 112 million shares

MERGER:

1 Strata-X Energy share for 3 Real Energy shares
= post merger shares on issue ~233 million shares

Chairman: Ron Prefontaine

- Previously ED/MD of Arrow and Bow CSG

Managing Director: Scott Brown

- Previously CFO/Finance director of Mosaic Oil, Objective Corporation Limited and Allegiance Mining.

Director: Lan Nguyen

- Previously Chairman of Real Energy, MD of Mosaic Oil

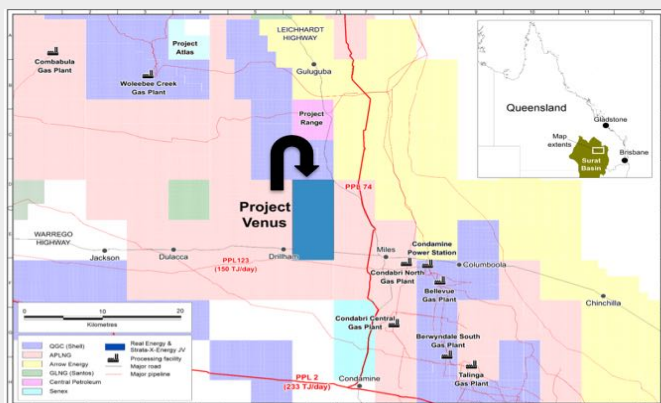
Merger check list:

- ✓ Independent Reports being prepared.
- ✓ Scheme booklet being finalised
- ✓ GM Notices being prepared.

Required:

- ✓ GM's – Nov 2020
- ✓ Court approval – Nov 2020
- ✓ Pure listing Nov/Dec 2020

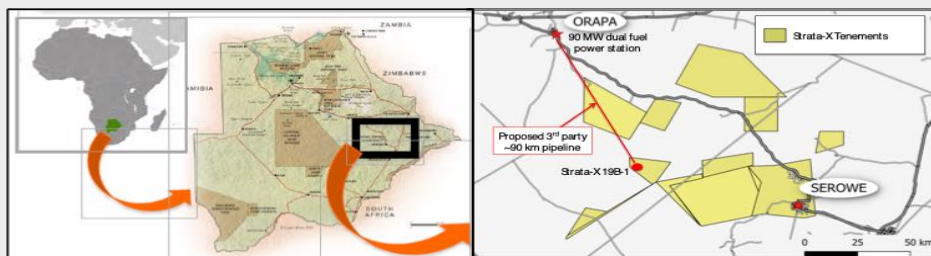
PURE ENERGY HAS AN 11.8 TCF DIVERSIFIED GAS PORTFOLIO



- 100% Surat Basin CSG, Queensland:
- 694PJ (640 BCF) in proven Walloon CSG¹

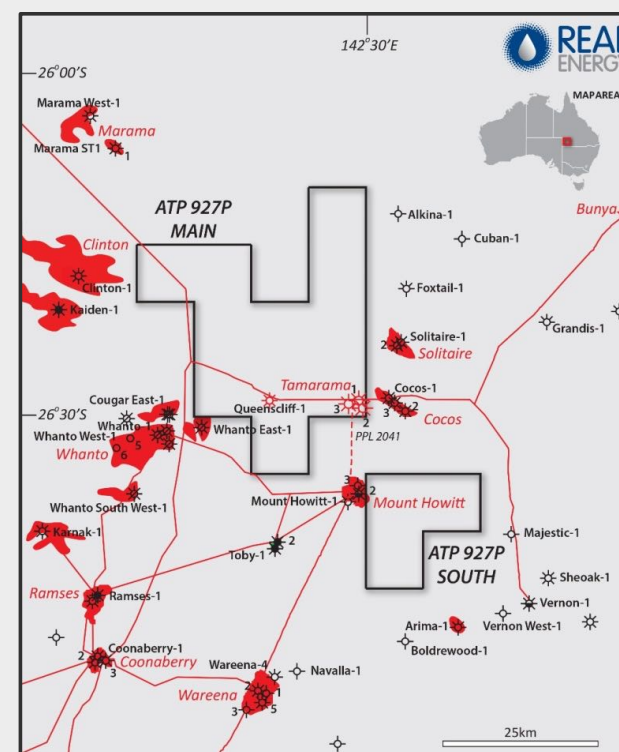
100% Cooper Basin gas:

- 8.8 TCF basin centered gas³



100% Serowe CSG, Botswana (farmed out):

- 2.38 TCF of high-grade CSG⁴



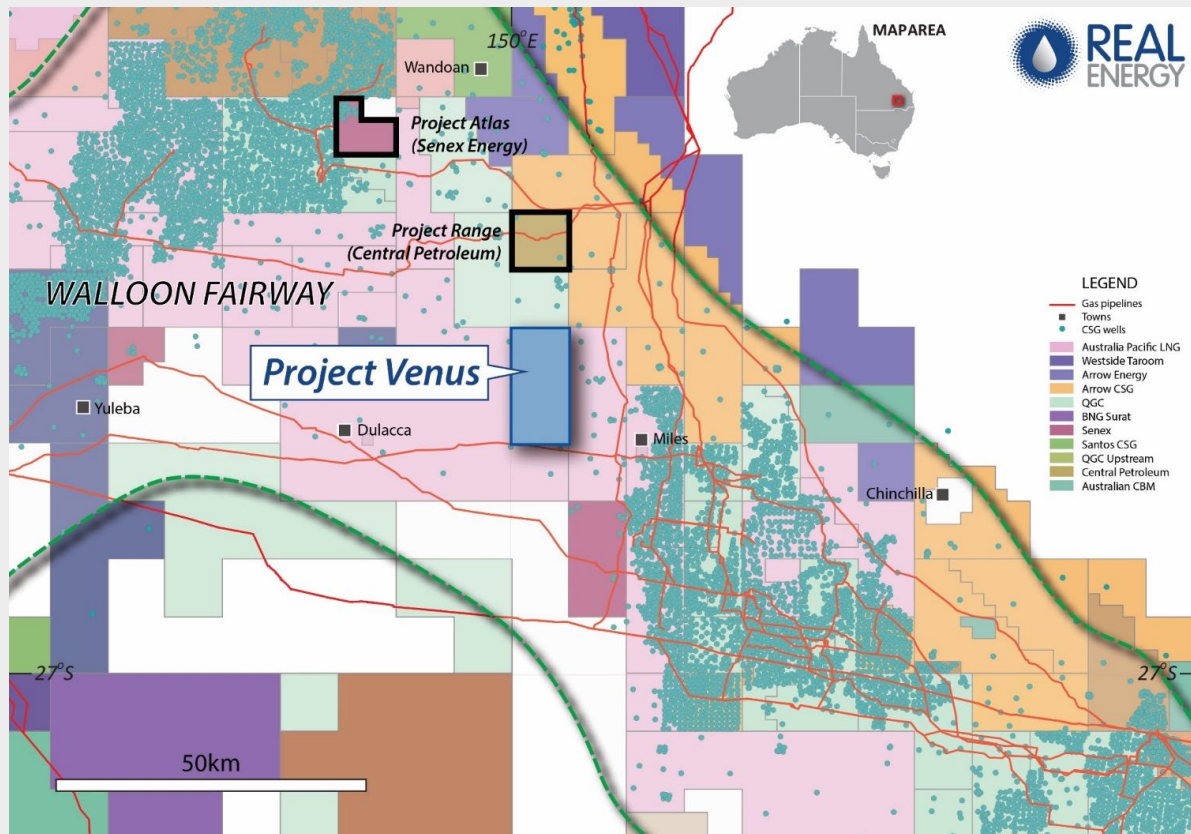
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PROJECT VENUS – A FIRST CLASS ADDRESS



- **100% Surat Basin CSG, Queensland:**
- 694PJ (640 BCF) in proven Walloon CSG¹
- ✓ Walloon CSG fairway is prolific gas producing region with over 10,000 wells drilled – see green dots on Map

Nearby 'small' operators have:

- ✓ The Ironbark Project was reported sold at \$231M with reported reserves of 129PJ¹
- ✓ Senex Energy² is developing Project Atlas – reported 2P reserves 234 PJ
- ✓ Central Petroleum² is developing Project Range – reported 2C contingent resources of 270 PJ

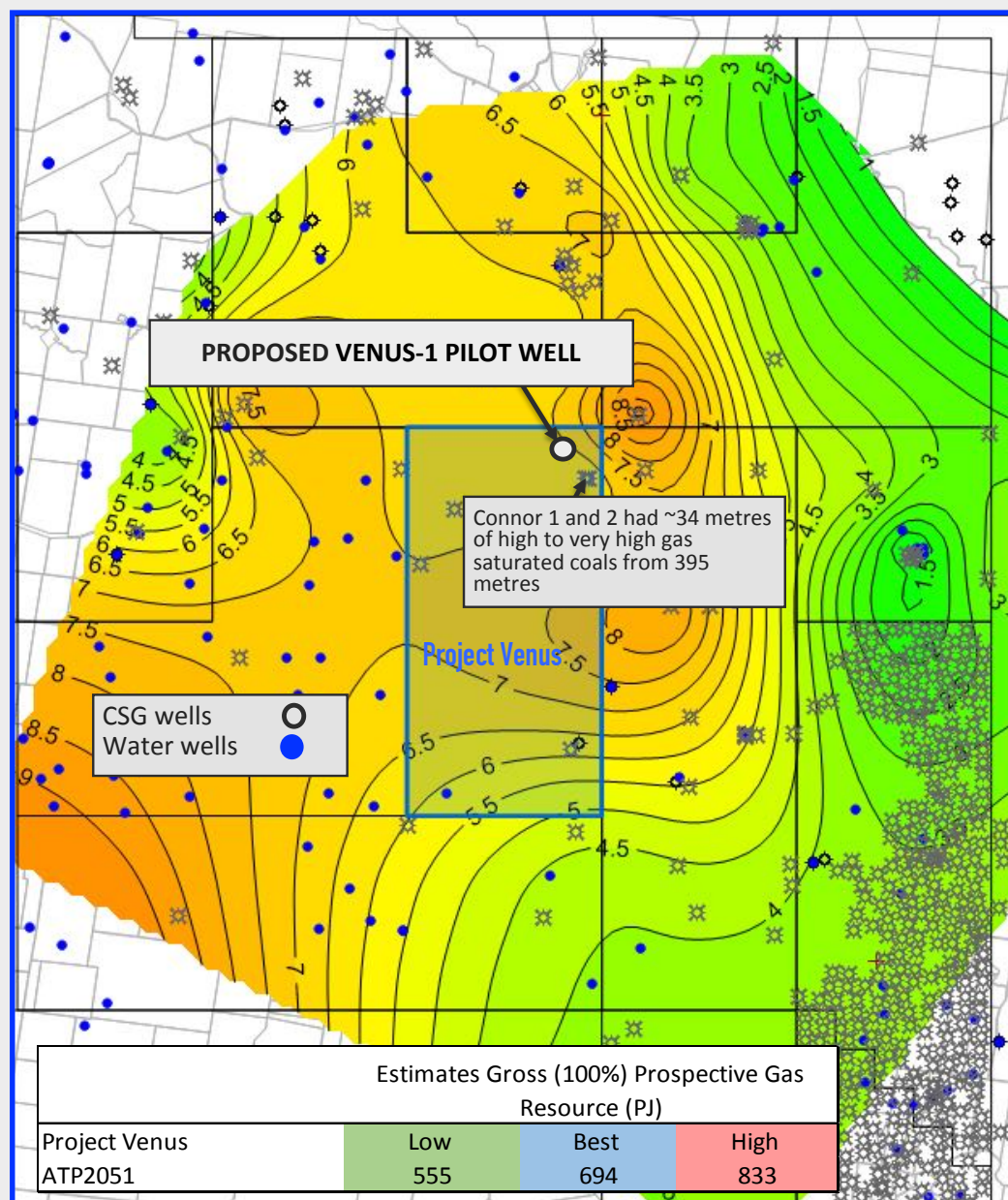


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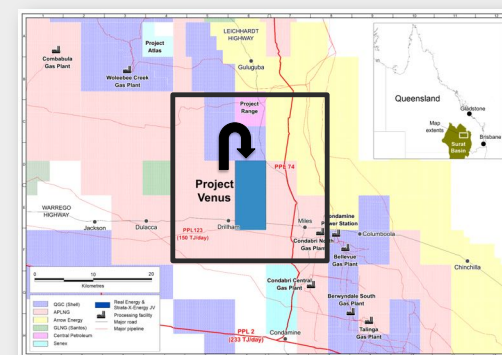


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694 PJ PROSPECTIVE GAS¹ RESOURCE IN PROVEN SURAT CSG FAIRWAY



Over 4000 CSG
wells drilled on
the CSG fairway

- ✓ Characterised by high gas saturations, multiple coal seams.
- ✓ Pilot targets determination of the the optimum completion methods to achieve commercial gas flow rates.
- ✓ Once commercial gas flows achieved can systematically convert resources into saleable gas.



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PURE'S PATH TO MAIDEN WALLOON CSG RESERVES CERTIFICATION

The Venus CSG Project has a large gas resource with infrastructure and gas markets:

- There are tens of wells within and around the permit plus several fully cored and fully analysed coals offering excellent data that demonstrates 694 PJ of prospective gas resource.
- The wells confirm the continuity of the coals throughout the permit and mostly strong attributes for commercial CSG production, particularly in the Connor area in the northern half of the permit where the Connor-2 core hole retrieved 30 metres of high to very high gas saturated coals.

For CSG, one size does NOT fit all – must design area specific drilling, completion and production methods:

- The weakest CSG attribute in the Connor area is low 'apparent' coal reservoir permeability.
- Pure interprets there is sufficient permeability (perm) in the Connor area but it is mostly micro perm which cannot be preserved by technology and methods used in other areas of the Walloon fairway.
- Pure will drill Venus-1, within 2 km of Connor-2 and set it up as a production pilot well.
- Will use new technology including methods of drilling, reservoir enhancement, completion and production designed to preserve micro perm and enhance perm to target early gas flows.
- Once confidence of achieving commercial gas flows – it is a 'yellow brick road' to predictable reserves growth

PURE'S FIRST PILOT CSG WELL PLANNED THIS MONTH

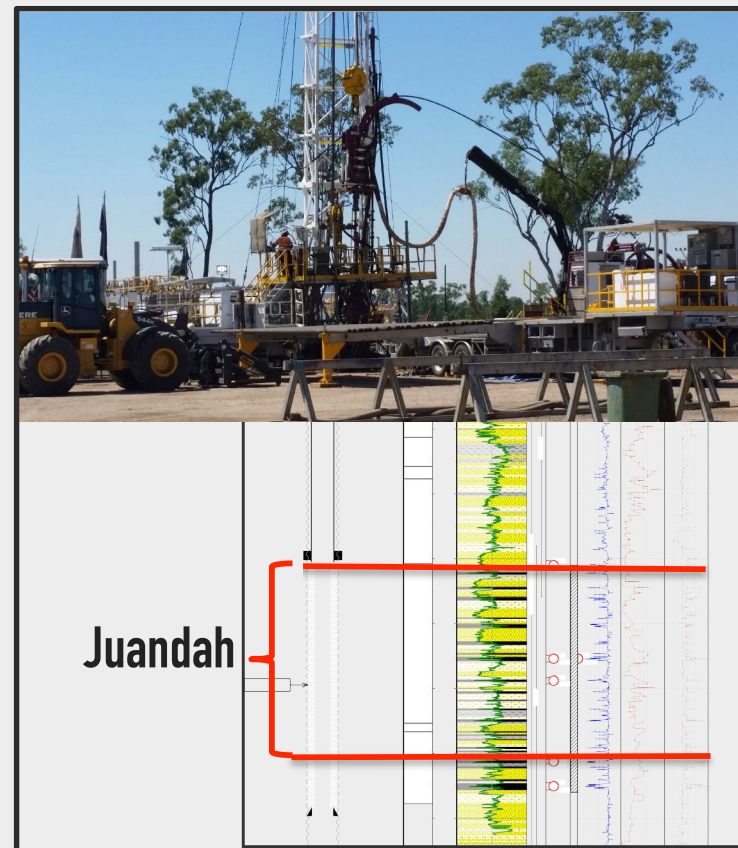
Drill Venus-1 ~1.8 km NW of Connor-2 core hole:

- Drill to ~680 metres, case to ~400 metres.
- Rig contractor selected.
- Landholder clearance and compensation agreed.
- Site selection agreed.

Complete the well as a CSG pilot well:

- Apply non-frack coal reservoir enhancement at ~40 levels of the Juandah coal seams using new technology coil tubing methods.
- Use coil tubing applied new technology hole stabilisation to allow open hole over the primary reservoir interval.
- Short term pre and post stimulation flow tests.
- Complete Venus-1 as the JV's first CSG Pilot well.
- Long term flow until ~February 2021.
- Then expand to 3-well CSG pilot or commence development.

PLAN TO START PRODUCTION TEST NOV 2020



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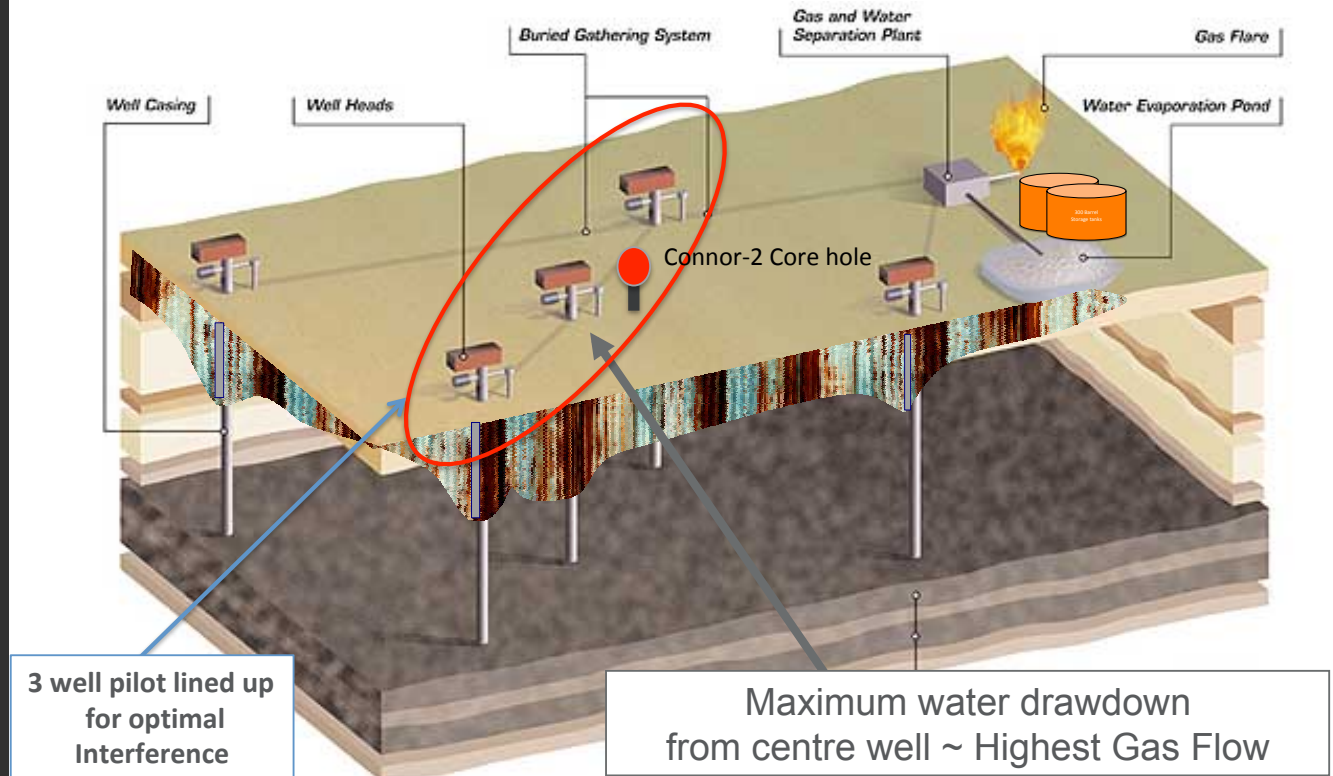
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CSG PILOTS DESIGNED TO PROVE SUFFICIENT GAS FLOW RATES TO COMMENCE RESERVE CERTIFICATIONS



Pilot located adjacent to core hole with 100% gas saturations in upper Walloon coal seams



Pilot Development Layout

[Not to scale]



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WINDORAH GAS PROJECT – COOPER BASIN

Prospective OGIP 8,800 BCF

2C Resources 330 BCF

3C Resources 770 BCF

- Estimated Prospective OGIP are Mean Original Gas-In-Place adjusted for renewal and excluding 2C/3C Resources.
- Gas Volumes are expressed in billions of cubic feet (BCF) at standard temperature and pressure bases.
- Resource estimates independently certified by DeGolyer & MacNaughton (Queenscliff area) & Aeon Petroleum Consultants (Tamarama area)



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COOPER – BASIN CENTERED GAS

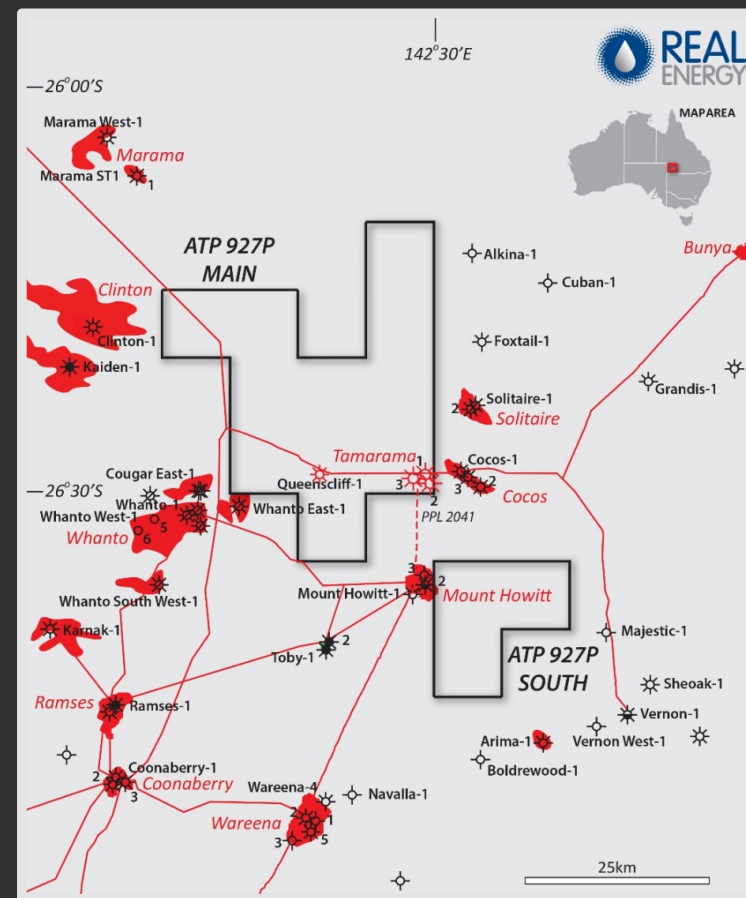
PROPOSED COIL TUBING ENHANCEMENTS ON CURRENT VERTICAL WELLS

Four gas wells drilled:

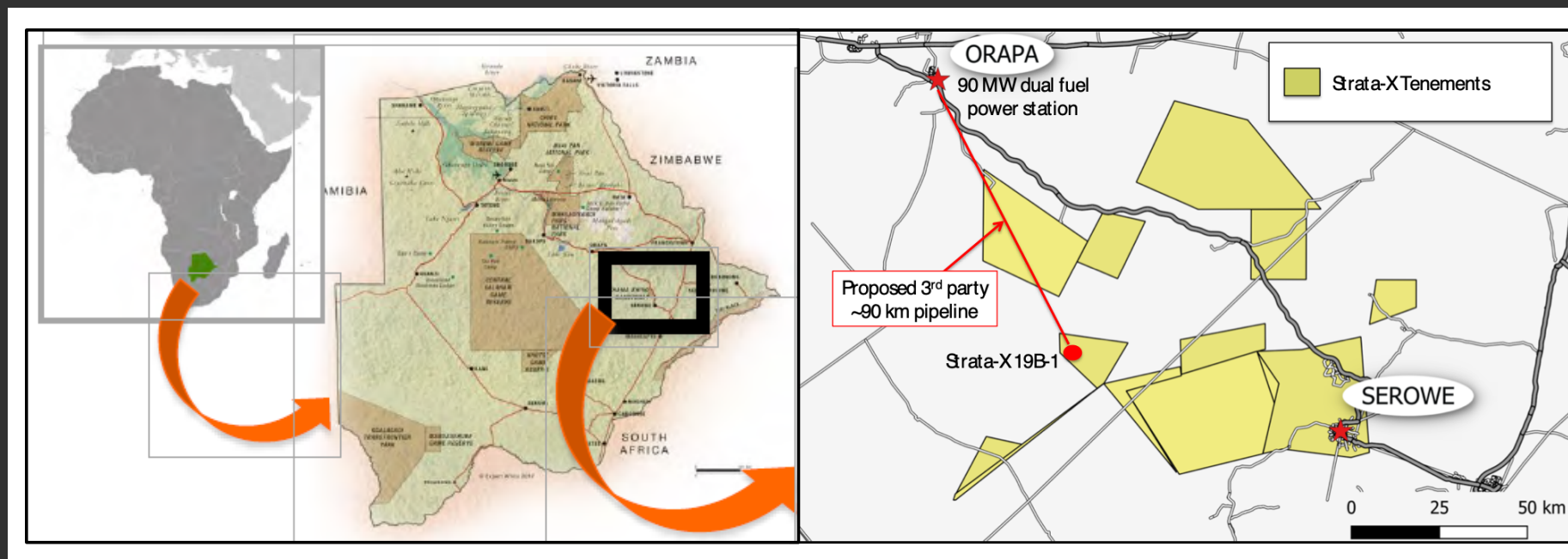
- Tamarama-1, 2 & 3 + Queenscliff-1 were all gas discoveries.
- Certified 2C/3C gas resources of 330/770 BCF³.
- Tamarama-2 had initial flow rates of 2 mmcf/d.
- Tamarama-3 had initial flow rates of 2.5 mmcf/d.

Coil tubing deployed reservoir enhancements:

- Anticipate considerable improvements in Tamarama-2 gas flow rates using coil tubing workovers with non-frack reservoir enhancement.
- Total cost expected to be less than \$1 million.
- Sufficient improvement in flow rates allows for early gas sales.



SEROWE CSG PROJECT, BOTSWANA AFRICA



- 100% of 364,325 acres (1,475 sq km) interpreted high-grade CSG.
- 2.38Tcf Prospective Resource and 23Bcf 2C⁴
- Drilling is pending lifting of Covid-19 travel restrictions
- 3rd party funded \$7 million appraisal program to commence Sept/Oct 2020*.
- Targets predictable reserves growth.



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DIESEL SUBSTITUTION AT NEARBY ORAPA DUAL FUEL POWER STATION

Orapa power station – foundation gas market

- 90-megawatt capacity with dual fuel configuration (diesel & natural gas).
- ~90 km from Pure's high-grade CSG area.
- Currently a peaking station using imported diesel.
- Fully funded appraisal program targets reserves to supply Pure's gas for 24/7 base load electricity generation.
- Drilling to commence when international travel restrictions are eased.
- Data integration in progress.

Compressed Natural Gas (CNG) – offers early cash flow

- CNG hub planned at Pure's Serowe CSG field to transport gas on roads.
- CNG generates early cash flow while pipeline/compression infrastructure is planned and built.
- Multiple CNG markets – bus companies, mines, solar backed by CNG.
- Initially supply CNG to Orapa until pipeline built.



Orapa 90 Mw dual fuel power station



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PROJECT JUPITER – HYDROGEN



- The Company has been running the numbers on three sites within the State Development Area of Gladstone which could be suitable to build a large scale Hydrogen plant.
- The Company is in discussions with potential off takers and electricity suppliers in the region.
- The Project would be a staged development targeting 100 tonnes of Hydrogen per day.
- Initially economics very positive with NPV in excess of \$500M - concept studies are continuing and should be completed by YE.



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MERGER OF EQUALS CREATES VERY HIGH POTENTIAL AND DIVERSIFIED GAS PORTFOLIO



Pure to have 11.8 TCF of prospective gas resource in three 100% owned projects:

- 100% CSG Walloon Surat Basin – 640 BCF¹ Project Venus.
- 100% Cooper Basin centered gas – 8.8 TCF/330 BCF 2C/770 BCF 3C³ Windorah Gas Project.
- 100% CSG Botswana – 2.4 TCF⁴ Serowe CSG Project. Fully carried on \$US4.6 million (\$7 million) de-risk program; 51% retained after de-risk program completed.

PROVING COMMERCIAL GAS FLOWS ARE THE KEYS TO RESERVES GROWTH:

- Next 12 months: Pure Energy to test completion methods targeting commercial gas flow rates.

Venus 1 - First CSG Pilot well to commence October 2020:

- Venus-1 to drill and case to 400 metres then drill to 680 metres total depth.
- Venus-1 will be set up as a CSG Pilot well with production testing to early 2021.
- New technology non-frack reservoir enhancement and borehole stabilisation treatment allows for simpler/less expensive completions and potential for early gas flows.
- Production testing targets gas flows and paths to reserves certifications.





PURE ENERGY TO HAVE:

- ~233 MILLION ASX LISTED SHARES
- MD AND CHAIRMAN OWN ~11.5%

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