

Armour Energy

ASX Small & Mid-Cap Conference Investor Update

15 March 2021

Presented by Brad Lingo



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Competent Persons Statement

Statements in this presentation as to gas and mineral resources has been compiled from data provided by Armour’s Chief Operating Officer, Mr Michael Laurent. Mr Laurent’s qualifications include being a professionally registered engineer in both Australia and Canada, has over 20 years of diverse oil and gas industry experience and has successfully held various senior managerial and GM positions. His career spans a number of sectors and includes expertise in reservoir, drilling, facilities, production and operations with particular emphasis on resource and business development. Experience is underpinned with strong strategic, commercial and technical acumen in both conventional and unconventional reservoirs. Prior to joining Armour Energy, Michael successfully held a variety of domestic and international technical leadership appointments. Most recently he worked for Santos where he was responsible for managing Cooper Basins oil and gas appraisal/development wells and field optimisation initiatives from inception through to approval and implementation. Mr Laurent has sufficient experience that is relevant to Armour’s reserves and resources to qualify as a Reserves and Resources Evaluator as defined in the ASX Listing Rules. Mr Laurent has consented to the inclusion in this report of the matters based on his information in the form and context in which it appears.

Authorisation

This presentation and announcement has been authorized by the Board of Directors of Armour Energy Limited

PRIMED FOR GROWTH & FOCUSED ON DELIVERY

- Commitment to unlocking value of shareholders
- Vast prospective acreage in proven fairways
- Deep multi-TCF resource pipeline
- Material reserves with growth from overlooked pay
- Long life production with near-term growth
- Operator with significant infrastructure & capacity
- Well-established pathways to premium markets
- Clear priorities & focused on delivery
- Proven CEO driving strategy committed to execution



Northern Basins

NT- McArthur Basin 100% Operator

- 13 permits covering approx. 89,000km²
- Multi-TCF Conventional & Unconventional Gas Resource
- Conventional Gas Discoveries
- Multiple Plays
- Glyde, Cow Lagoon & Lamont Pass Gas Discoveries

QLD/NT - South Nicholson Basin

- 1 permit ATP(A) 1107, covering approx. 7,906km²

Surat Basin

100% Operator

Various Non-operator

- Kincora Gas Plant
- Newstead Gas Storage
- Multi-TCF Tight Wet Gas Resources
- Conventional Wet Gas Production
- Low CO₂ sales gas spec production
- Significant Liquids

Cooper Basin

100% Operator

Multiple Permits Covering 5,242 km²

- Western Flank Oil
- Northern Flank Oil & Wet Gas
- Paning Tight Gas Discovery
- Significant 3D Seismic Coverage
- Deep Portfolio of 3D Controlled Leads & Prospects

Southern Basins

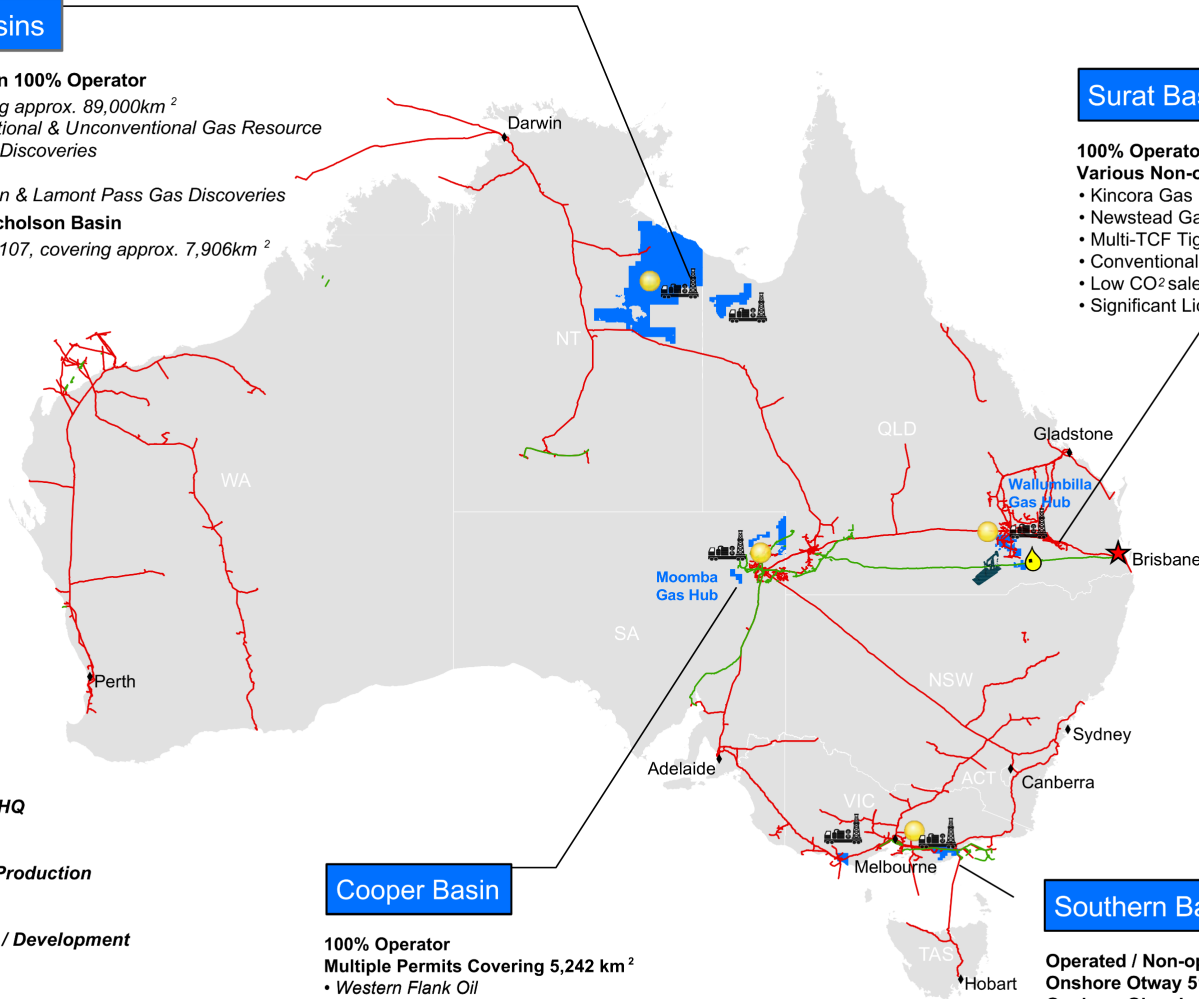
Operated / Non-operator

Onshore Otway 51% Operator

Onshore Gippsland 25% Non-operated

- Conventional gas proximate to infrastructure
- 15% in wombat tight gas discoveries
- Major Shareholder- Lakes Oil

- ★ **Brisbane HQ**
- 💧 **Gas / Oil Production**
- 🟡 **Appraisal / Development**
- 🏗️ **Exploration**
- 🛢️ **Infrastructure**



THE ARMOUR PORTFOLIO

2021 PRIORITIES – FOCUSSED ON DELIVERY

Focus	Outcome
1	Unlocking value for shareholders through demerger and IPO of Northern Basin Assets
2	Materially reduce debt and renegotiate terms
3	Extract value through commercialisation of under-utilised , operationally ready assets.
4	Reduce the operating cost base across the business and improve profitability
5	Generate positive free cash flow to cover all operating and corporate costs and capital for new investment
6	Build the Surat and Cooper exploration pipeline by end of 2021
7	High grading of portfolio – Consolidate, unitise and rationalise across the portfolio
8	Demonstrate tangible improvement in HSE performance and culture across the business



NORTHERN BASIN DEMERGER



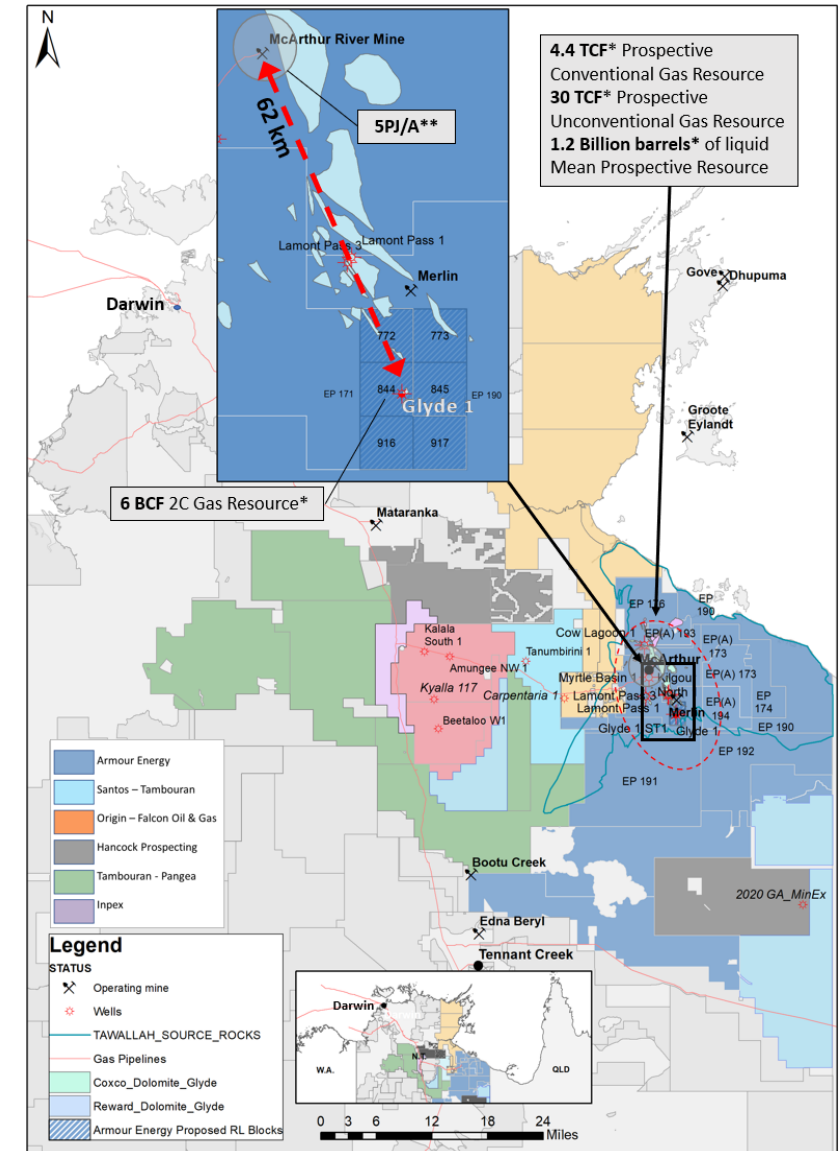
PROPOSED DEMERGER OF NORTHERN BASIN BUSINESS

As announced on 3 March 2021¹, Armour plans to unlock the value of the Northern Basin Exploration Business through a proposed spin-out demerger.

- New subsidiary - McArthur Oil & Gas created and demerged through a distribution to existing shareholders
- Targeting \$65 million IPO of McArthur Oil & Gas to fund:
 - Acquisition of Northern Basin exploration assets from Armour; and,
 - McArthur Oil & Gas development of conventional gas discoveries – Glyde, etc.
 - McArthur Oil & Gas exploration programme for greater McArthur/Beetaloo Basin
- Funds received by Armour to retire outstanding debt

Northern Basin Business Summary
100% owner and operator of 14 permits covering ~96,900 km ²
Proven conventional & unconventional gas play fairways
193 conventional leads/prospects identified in Coxco, Reward & Tawallah formations
Conventional Prospective Resources P50 (Best Estimate) = 4.4 TCF (Net)
Unconventional Prospective Resources P50 (Best Estimate) = 30 TCF (Net)
Multiple conventional gas discoveries with 6 BCF 2C Contingent Resources
Retention License (RLs) Applications made covering conventional gas discoveries
RLs important first step towards securing production licenses for existing gas discoveries
Gas sale discussions underway targeting gas sales from late 2022 onwards

¹. Refer to ASX announcement dated 3 March 2021



PROPOSED DEMERGER TERMS

- New company formed – McArthur Oil & Gas Ltd to acquire Northern Basin Oil & Gas Business.
- McArthur Oil & Gas to acquire the 100% of Northern Basin Oil & Gas Business and assets for \$40 million.
- McArthur Basin Oil & Gas to fund Northern Basin Business acquisition through IPO targeting raising \$65 million.
- In conjunction with IPO, Armour will distribute 1/3 of shares in McArthur Oil & Gas to Armour shareholders.
- Distribution of McArthur Oil & Gas shares to be through tax-effective, in-specie distribution via return of capital.
- Armour shareholders at time of demerger record date will have priority entitlement to participate in the IPO raising.
- Post-IPO Armour will retain no interest in McArthur Oil & Gas or in the Northern Basin Oil & Gas Business or assets.
- Demerger subject to shareholder, ASX and other regulatory approvals and other customary conditions, and any required consents or approvals from Armour's financiers.

NORTHERN BASINS – HOW WILL McARTHUR COMPARE?

Metric/Company	McArthur (Armour)	Empire Energy Group Ltd	Santos Tamboran Resources* JV	Origin Falcon Oil & Gas Ltd JV	Pangaea Resources
Basin	McArthur/Beetaloo/South Nicholson	McArthur/Beetaloo	Beetaloo/McArthur	Beetaloo	Beetaloo
Listing / Code	ASX:AJQ	ASX:EEG	Tamboran – ASX Pre-IPO*	AIM:FOG	Unlisted
Market Cap (A\$)	\$57.4 million	\$113.4 million	Tamboran: \$230 million*	FOG: ~120.4 million	N/A
Resource Focus	Conventional/Unconventional Oil & Gas	Unconventional Oil & Gas	Unconventional Oil & Gas	Unconventional Oil & Gas	Unconventional Oil & Gas
Acreage/Tenements	96,900 km2 (EP: 6 granted, 8 pending / RL: 6 pending)	59,000 km2 (EP: 2 granted, 4 pending)	22,800 km2 (EP: 3 granted)	18,600 km2 (EP: 3 granted)	100,000 km2 (EP: 4 granted)
Prospective Resources (Best)	34 TCF Gas / 1.2 Bbbls oil	13 TCF	6.5 TCF (Net to Tamboran)	19 TCF	Not available
Contingent Resources (2C)	6 BCF (Conventional Gas)	41 BCF (Unconventional Gas)	None	5 TCF	Not available
Target Depth	600m to 2,500m	1,400m to 2,800m	2,000m to 4,000m	1,800m to 3,800m	No information released
Activities	5 explorations wells (4 gas discoveries), Airborne surveys	2D seismic 2019, 1 exploration well (Q3) 2020, fracking planned Q2/Q3 2021	2013 2D seismic, 1 exploration well drilled 2014, exploration drilling planned Q3 2021	1 exploration well drilled 2014, Fracking completed Q3 2020, Announced Q1 2021 intention to drill 2 exploration wells	No information released
Exploration Spend (A\$)	33 million	\$25 million	\$50+ million	\$80+ million	Not disclosed

* Tamboran is an unlisted entity and market cap is based on \$35 million convertible note plus \$195 million planned IPO per Financial Review article “Beetaloo Gas play Tamboran pitches whooper IPO to investors” 21 June 2020

ARMOUR & MCARTHUR

WHAT DO THE COMPANIES LOOK LIKE POST DEMERGER?

Armour Energy

- Focussed on Surat & Cooper Basins
- Large operated acreage holder in Surat & Cooper
 - Surat Basin = 3,000 km²
 - Cooper Basin = 10,876 km²
- Active production enhancement work programme
- Surat Reserves¹
 - 150 PJ (2P sales gas)
 - 1.2 mmbbls (2P liquids)
- Contingent Resources = 46 PJ (2C sales gas)
- Current production = 6-7 TJ/day
- Newstead Gas Storage
 - Proven, operating gas storage facility
 - Opportunity to commercialize under-utilized asset
- Debt-free and recapitalised

McArthur Oil & Gas²

- Focused on McArthur/Beetaloo/South Nicholson Basins
- Largest Net Acreage holder in McArthur Basin
 - McArthur Basin = 89,000 km² (Net)
 - South Nicholson Basin = 7,900 km² (Net)
- Active conventional gas discovery development focus
- Prospective Resources = 34 TCF Gas (Best estimate)
 - 30 TCF unconventional / 4.4 TCF conventional
 - 1.2 billion barrels oil & liquid hydrocarbons
- Contingent Conventional Resources = Up to 10 BCF 3C
- Well capitalised for starting Northern Basin conventional developments

1. Refer to ASX announcement dated 12 June 2020
2. Refer to ASX announcement dated 3 March 2021

Cautionary statement: 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.



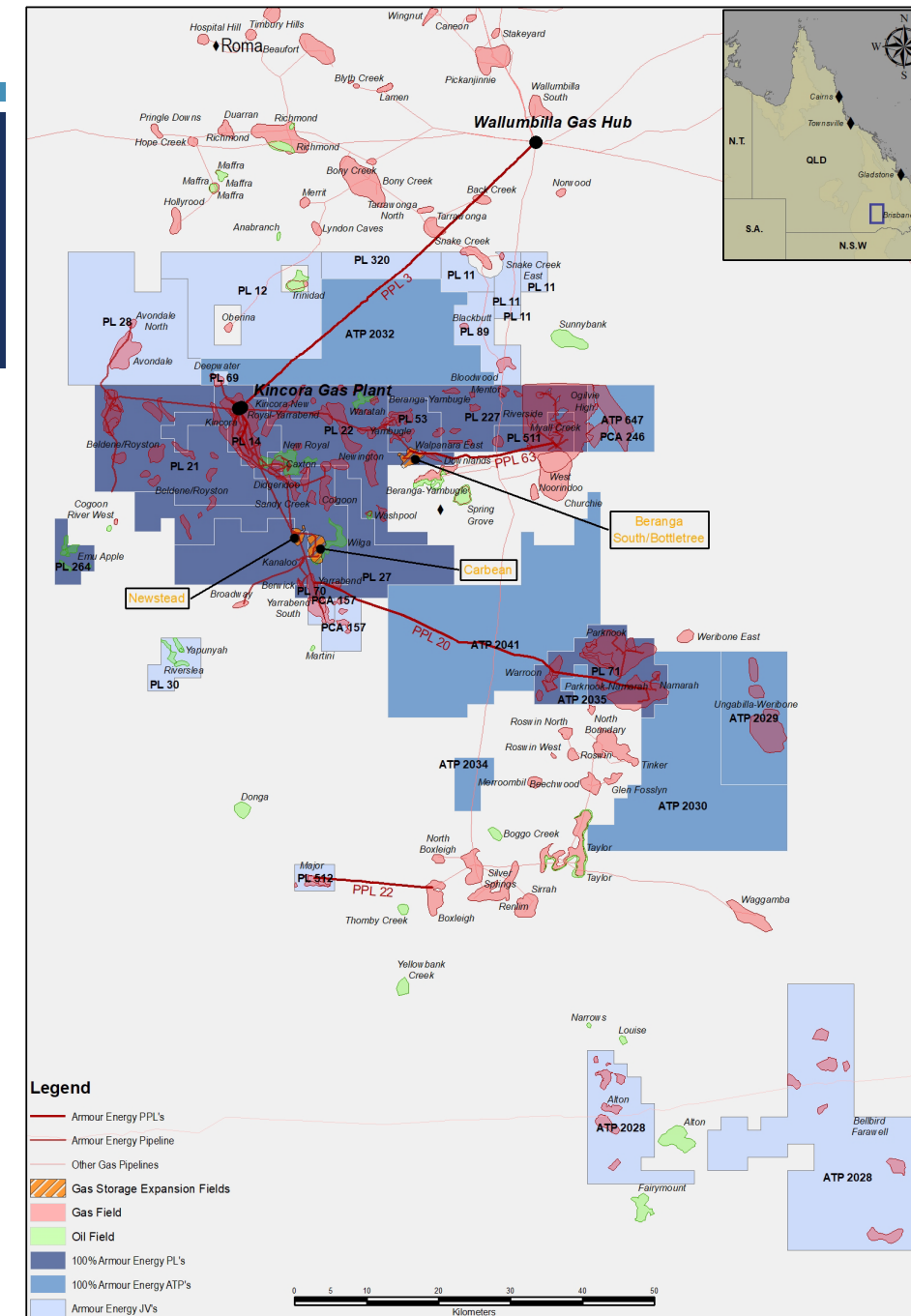
SURAT BASIN



SURAT BASIN

- Armour 100% owner & operator of Kincora Gas Project
- Operator of 3,000 km² of production licenses and exploration licenses*
- 4 exploration Authority to Prospect (ATP) licenses covering over 2,000 km²
- 90 development wells in 39 gas fields and 6 oil fields with 40 current production wells
- Multiple producing oil & gas fields with further development potential
- Proven, established gas storage facility with material expansion potential
- 2P Sales Gas Reserves = 150 PJ
- Large uncontracted gas position (> 100 PJ)
- Material appraisal/development projects
- Transformational exploration opportunities

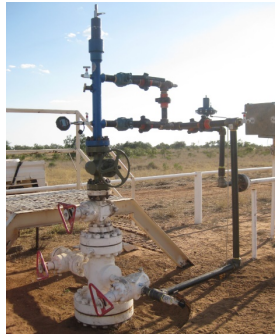
*In the Surat Basin, Armour holds 19 Production Licenses, 4 Authority to Prospect (ATP) licenses, 6 Potential Commercial Area (PCA) applications pending and 4 Petroleum Pipeline Licenses (PPL). PCA's 289, 290, 293, 294 and 295 applications areas are under administrative review.



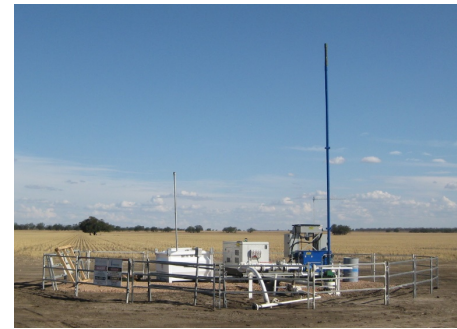
2020 LOOK BACK - PRODUCTION ENHANCEMENT PROJECTS

Production Enhancement Projects 2020

- ✓ Rod pumps installations x 2
- ✓ Plunger lift systems x 2
- ✓ Intermittent well control (concept trial)
- ✓ Well reconnect (MC#05)
- ✓ Condensate foamer (concept trial)



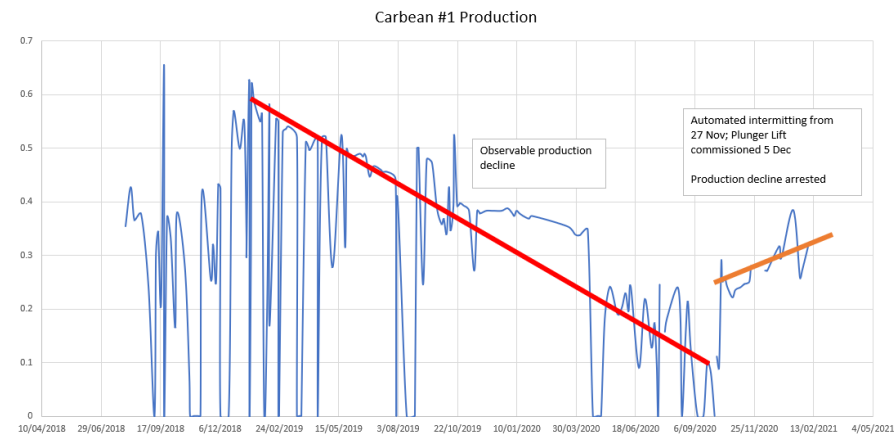
Carbean #1 Plunger Lift



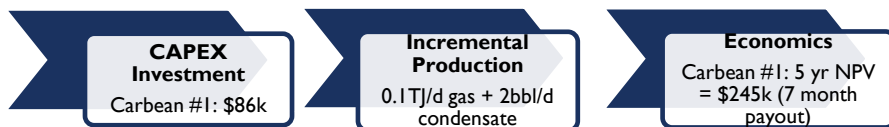
Myall Creek #3 Sucker Rod Pump

Delivery

- ✓ Technical Execution
- ✓ On Schedule
- ✓ On Budget
- ✓ Production Uplift delivered to expectation



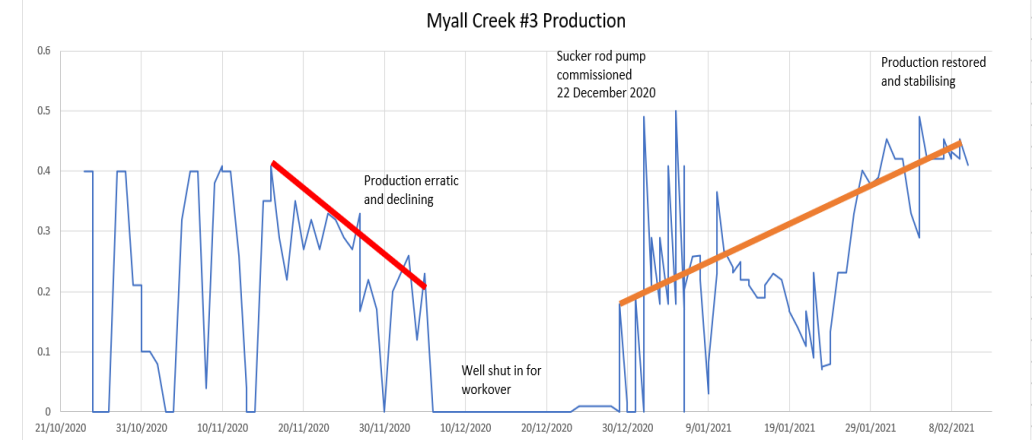
Learn/Reload/Repeat



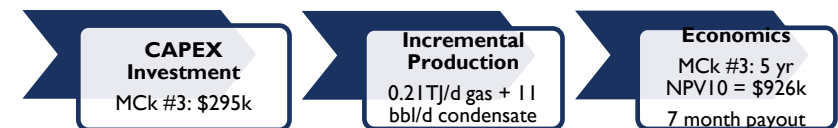
Total Program
Cost of \$760K

Budgeted funds
=
Actual Spend

Total Program
Production Adds
of ~0.5 TJ/day (IP)
in line with
expectations



Learn/Reload/Repeat



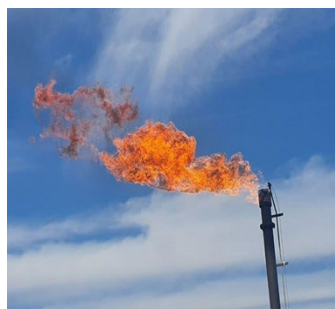


2020 LOOK BACK – FRACTURE STIMULATION CAMPAIGN

Three-well Frac Campaign Q4 2020

1. **Horseshoe-4:** Single-stage (Basal Rewan)
2. **Horseshoe-2:** Two-stages (Intra-Wallabella & Basal Rewan)
3. **Warroon-1:** Single-stage Nitrogen Frac (Basal Rewan)

- ✓ 336,215 proppant placed = 95.7% placed design (351,023)
- ✓ 300,815 gal clean fluids pumped
- ✓ Zero screen outs
- ✓ Low Non Productive Time across project (5.5 hours)
- ✓ Frac conductivity & modelling confirmed
- ✓ Effective proppant placement per design
- ✓ Basal Rewan proven gas & oil reservoir
- ? Intra-Wallabella – undeveloped resource, under evaluation
- ✗ Gel failed to breakdown following proppant placement, impacting matrix flow and causing low-side outcomes



Post frac production (early Jan 2021):

- HS#4 ~250,000 scf/day gas
- HS#2 ~193,000 scf/day gas (37% recovery of frac fluids)
 - Intra-Wallabella formation not yet contributing to commingled flow
- WN#1 ~430,000 scf/day gas
- Remedial treatment to assist with gel clean-up, pumped on all wells Feb 1-5. Under evaluation.

Forward Plan:

- Periodically cycle wells to optimise fluid recovery
- Open Horseshoe #2 Intra-Wallabella (IWB) formation to commingle gas and liquids recovery with the Rewan
- Open the Warroon #1 Showgrounds formation to commingle with the Rewan
- Evaluate additional remedial treatment and/or re-stimulation

2021 – PRODUCTION ENHANCEMENT PROJECTS LOOK AHEAD

Production Enhancement (Rig-less)

Intermittent Controllers x 10

- Minor automation upgrade to existing well facilities to enable cycling of wells struggling to achieve critical lift of fluids. Improves well performance, reduces well site visitation.
- **Cost of ~\$21k/well each targeting avg 0.1 TJ/D uplift.**

Plunger Lift x 2

- Extension of intermittent controller installation to include a plunger system that periodically sweeps liquids from the tubing. Requires installation of downhole standing valve.
- **Cost of ~85k/well each targeting 0.15 TJ/D uplift.**

Rigless Interventions

- Restore production to existing wells by manipulating downhole flow configuration, cleaning out blockages or accumulated liquids and diagnostic logging to improve understanding of reservoir dynamics.

Additional Field Reinstatements

- Permanent pipeline installation of MC#05
- Flow test on Avondale #1, #2 + #4 and Deepwater #1 wells in Waldegrave area; subsequent flowline reinstatement with successful testing
- Relocate infield FC04 compressor to optimize gathering network



Production Enhancement (Rig-related)

Rod Pumps x 3 (2 x gas; 1 x oil)

- Installation of sucker rod pump to artificially lift produced liquids. Reduces bottom hole pressure liberating gas and provides reliable production of liquid hydrocarbons.
- **Cost of ~\$295k/well each targeting ~0.3 TJ/D uplift.**

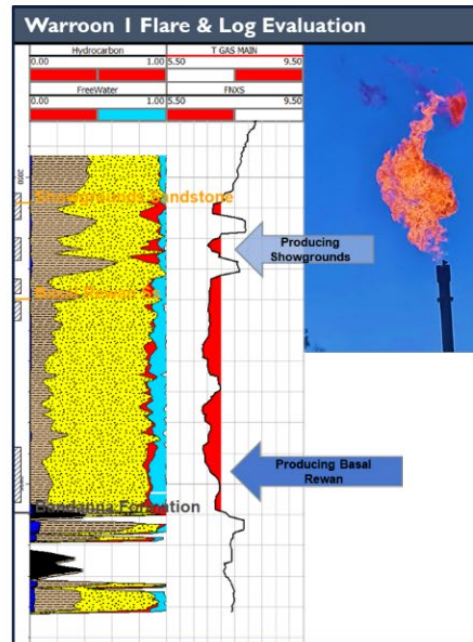
Workovers

- Clean out / install completion in suspended well to increase gas production. **Cost of ~\$75k/well targeting 0.2 TJ/D uplift.**
- Oil well / integrity workover to restore production to sucker rod pumping of one well in New Royal field. **Cost of ~\$230k/well targeting 15 bbls/d oil**
- Re-instatement of surface equipment on second existing oil pumping well in New Royal field; **Approx. cost ~\$80k targeting 15 bbls/d oil.**

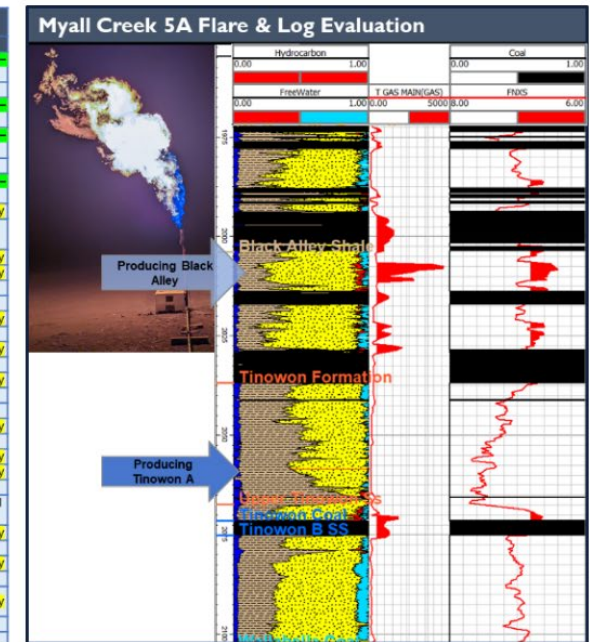
2021 FRACTURE STIMULATION PROGRAM

Fracture Stimulation Project 3 wells (1H2021) + 3 wells (2H2021)

- Improved petrophysical model has confidently delineated gas saturation intervals and identified tight and/or bypassed pay
- Data collection from PNX wireline surveys and mineral spectroscopy support the model, calibrated to producing wells.
- The 2019 Myall Creek 5A and the 2020 Horseshoe & Warroon stimulation results have established the potential for significant new pay from the **Black Alley/Bandanna** and the **Basal Rewan** across the Kincora acreage.
- Two candidates currently cased and suspended by the previous operator are potentially accessing **new regions** of the field yet to be produced. Both require gathering pipeline and well site metering facilities.
- Targeting 3 fracs in Q2 2021 with first gas online by **mid 2021**, plus a further 3 fracs in Q4 2021 with first gas online by **late 2021**.



Potential Stimulation Candidates		
Candidate	Reservoir	Opportunity
Myall Creek 5A	Bandanna - Black Alley	Proof of Concept - Successful
	Tinowon A	Stimulated
Horseshoe 4	Basal Rewan	Proof of Concept - Successful
Horseshoe 2	Basal Rewan	Proof of Concept - Successful
	Intra Wallabolla Showgrounds	Acceleration
Warroon 1	Basal Rewan	Proof of Concept - Successful
	Bandanna - Black Alley	New Bypassed Pay
Riverside 1	Tinowon B	Acceleration
	Tinowon C	Acceleration
Myall Creek East 1	Rowan SS	New Bypassed Pay
	Bandanna - Black Alley	New Bypassed Pay
Parknook 4	Tinowon A	Bypassed Pay
	Showgrounds	Acceleration
Parknook 2	Basal Rewan	New Bypassed Pay
	Basal Rewan	Acceleration
Parknook 5	Bandanna - Black Alley	New Bypassed Pay
	Basal Rewan	Acceleration
Myall Creek 3	Basal Rewan	New Bypassed Pay
	Showgrounds	Acceleration
Ogilvie Creek 2	Basal Rewan	Acceleration
	Basal Rewan	Acceleration
Ogilvie Creek 1	Bandanna - Black Alley	New Bypassed Pay
	Tinowon A	Bypassed Pay
Myall Creek 3	Bandanna - Black Alley	New Bypassed Pay
	Basal Rewan	New Bypassed Pay
Ungabilla 1	Tinowon A	Bypassed Pay
	Showgrounds	Completed interval pending tie in
Rednook 1	Bandanna - Black Alley	New Bypassed Pay
	Tinowon B	Bypassed Pay
Myall Creek 4A	Bandanna - Black Alley	New Bypassed Pay
	Basal Rewan	Bypassed Pay
Noorindoo 2	Bandanna - Black Alley	New Bypassed Pay
	Basal Rewan	Bypassed Pay
Myall Creek North 1	Bandanna - Black Alley	New Bypassed Pay
	Basal Rewan	Bypassed Pay
Parknook 3	Showgrounds	Acceleration
	Basal Rewan	Acceleration



Bypassed pay & tight gas stimulation candidates (ref. 18 Dec 2020 AGM CEO Presentation)



EXPLORATION POTENTIAL - MATERIAL OPPORTUNITY

Habitat of Oil & Gas, Armour Surat PL's →

Cumulative oil and gas production by field, coloured by reservoir(s)

Total historic gas production in Armour tenements to end 2020;

- **164 BCF gas**
- **2.76 mmbbls oil**

Current seismic coverage

Mapping on 2D seismic data acquired 1980's and 1990's is limiting;

- Line spacing 1-2 km is sparse c.f. field size
- Statics and misties = structural uncertainty
- Larger relief structures are mapped, not stratigraphic traps

Stratigraphic trapped volumes are significant

Stratigraphic trapping or enhancement was proven by the drill-bit at;

- Oil; New Royal ~5 mmbbls OOIP
- Gas; Myall Creek, Beranga South, Newstead and Carbean Fields
- 3D seismic was subsequently acquired over serendipitous Myall Creek-Churchie and New Royal fields

The majority of fields have a significant stratigraphic component not mappable on 2D seismic

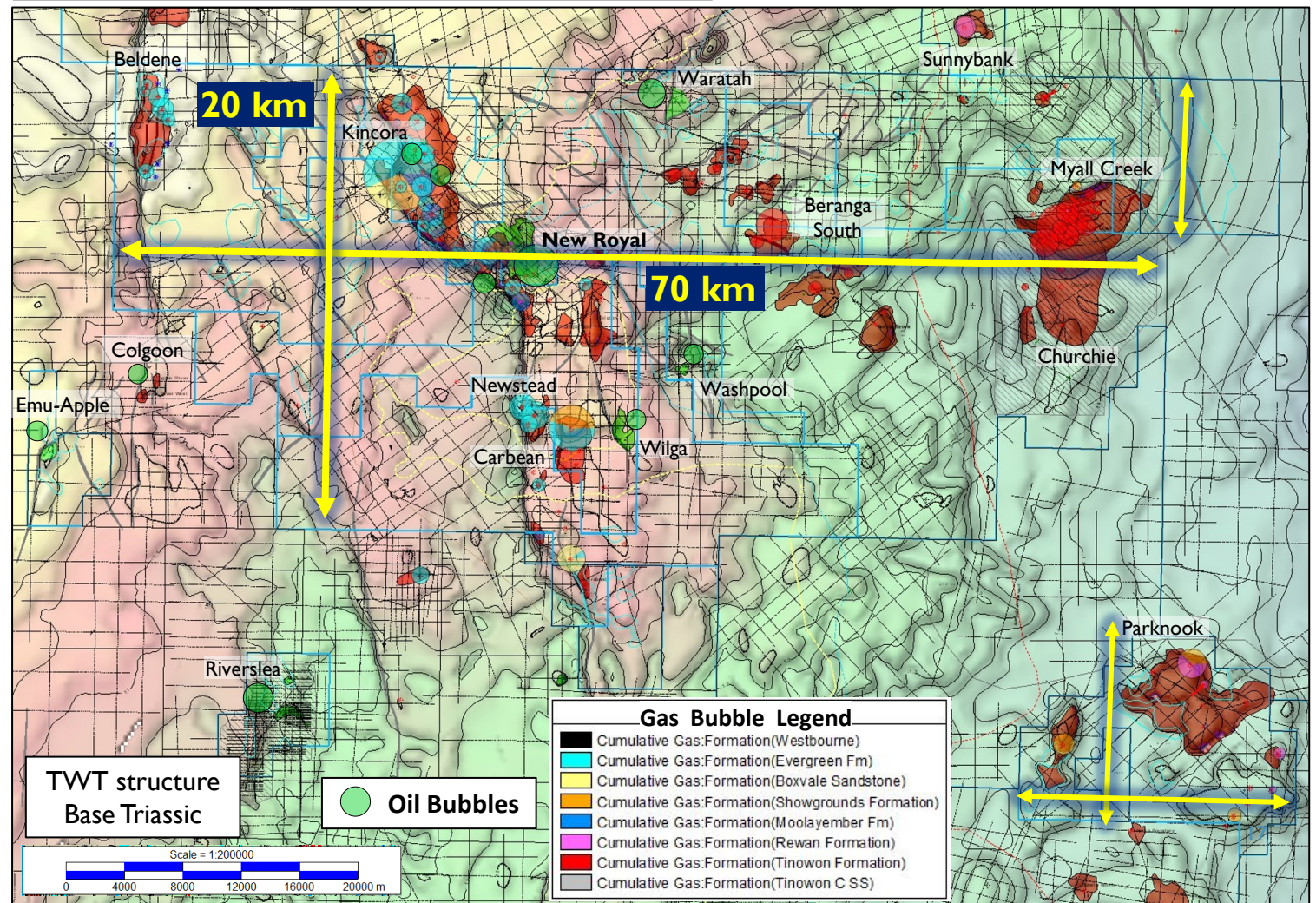
- A significant lead inventory is mapped on 2D data, however lack of trap certainty limits confidence, prioritisation

How 3D seismic unlocks value

By analogy the Cooper Basin Western Flank with similar geology and structuring underwent massive value increase, unlocked by 3D seismic

3D seismic is required to locate multiple targets hiding in the 2D dataset, to unlock material upside, improve drilling success rate

Habitat of Oil & gas, Armour Surat PL's



EXPLORATION POTENTIAL - MATERIAL OPPORTUNITY

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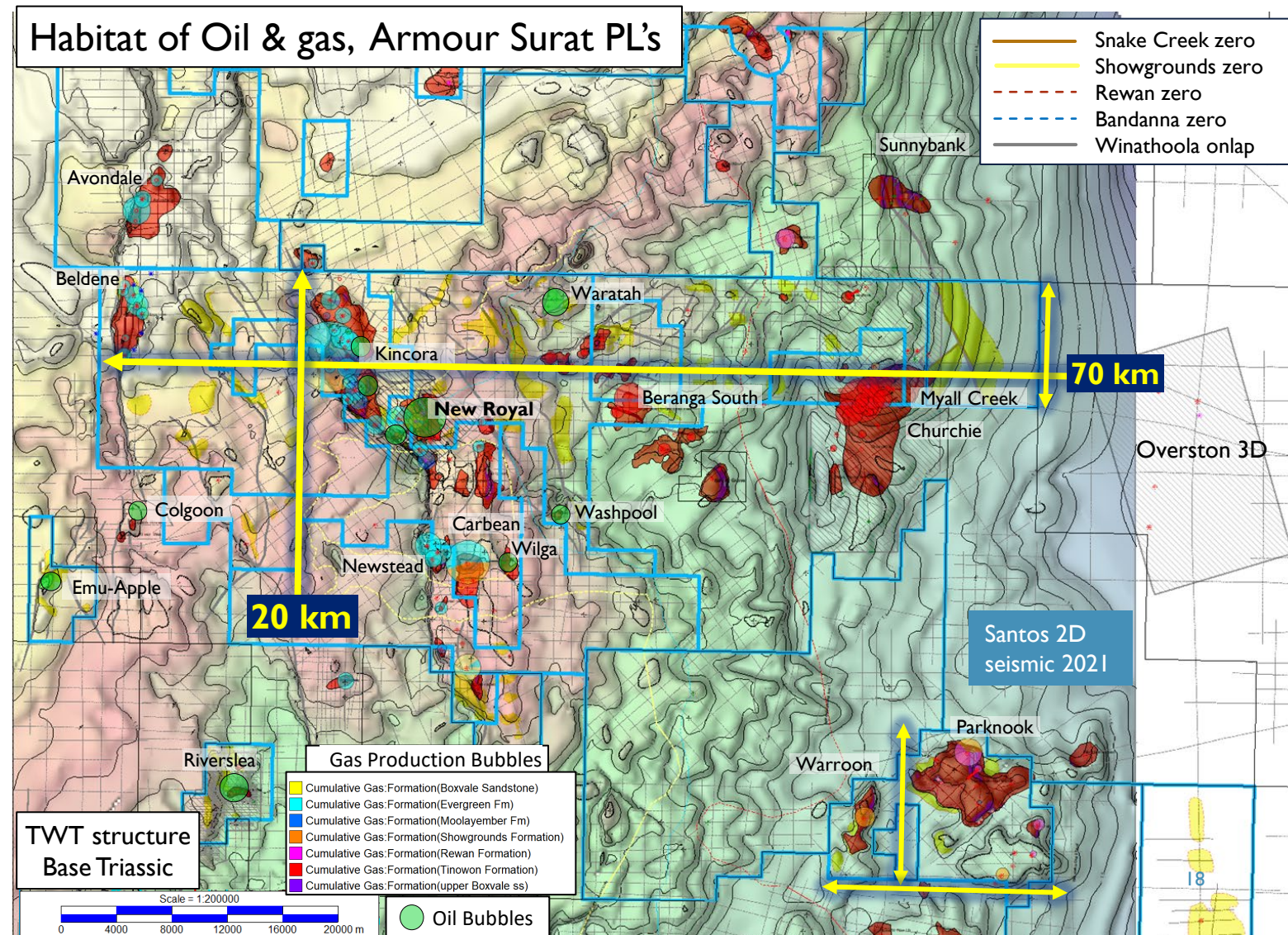
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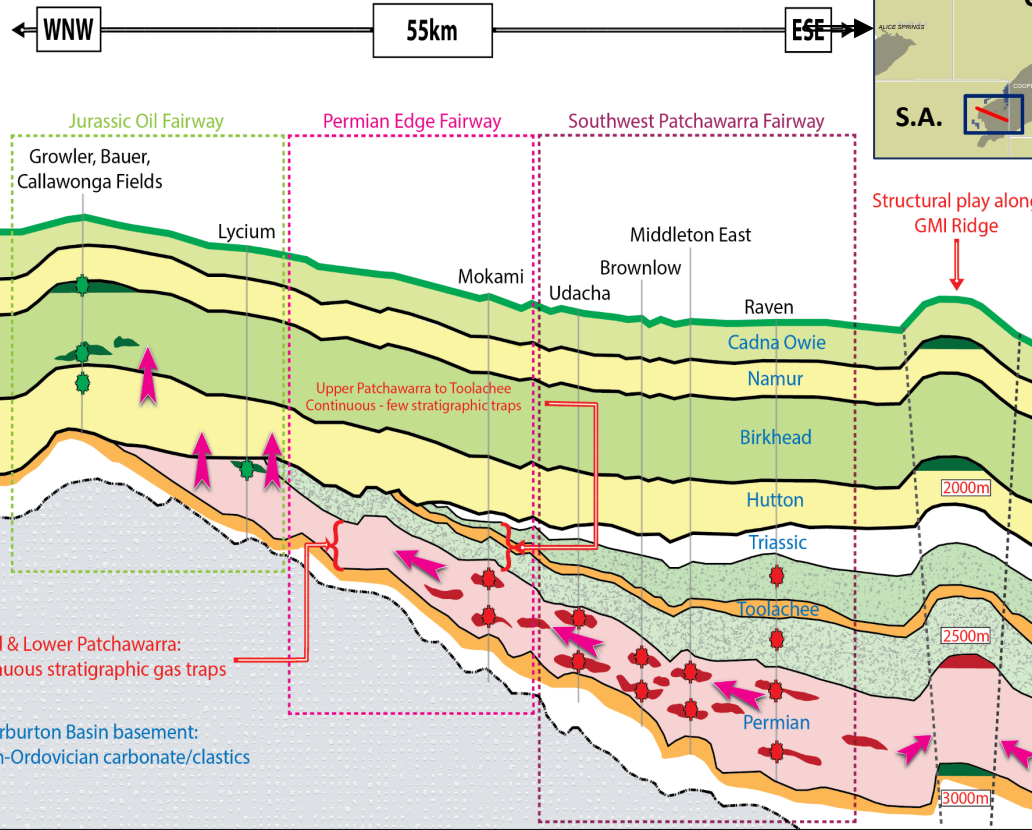
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ANALOGY – COOPER-EROMANGA ⇔ BOWEN-SURAT BASINS

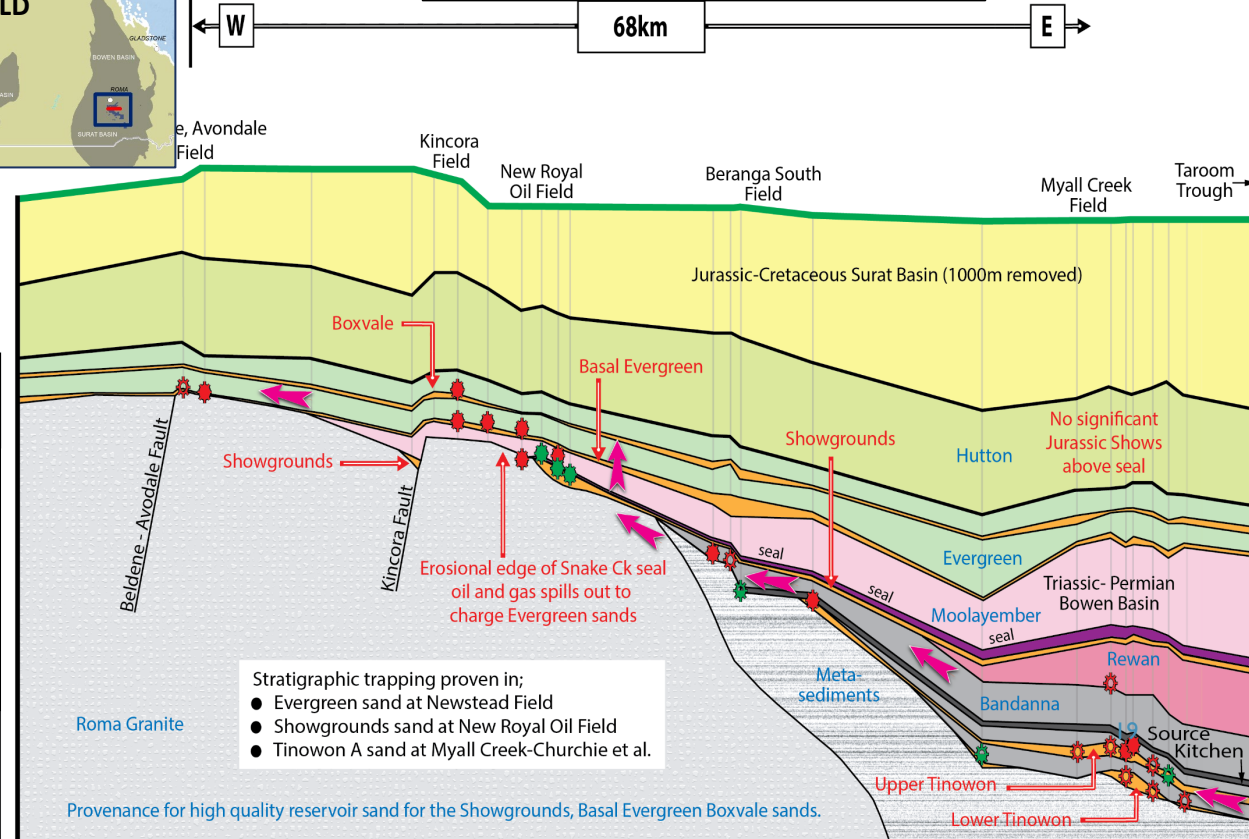
Permian generated oil & gas fills and spills into overlying Jurassic & Permo-Triassic reservoirs

Cooper-Eromanga Basin



Permian generated oil & gas fills and spills into overlying Jurassic & Permo-Triassic reservoirs

Bowen-Surat Basin



COOPER BASIN ANALOGY – REJUVENATED BY 3D SEISMIC

Pre 2000 acreage release

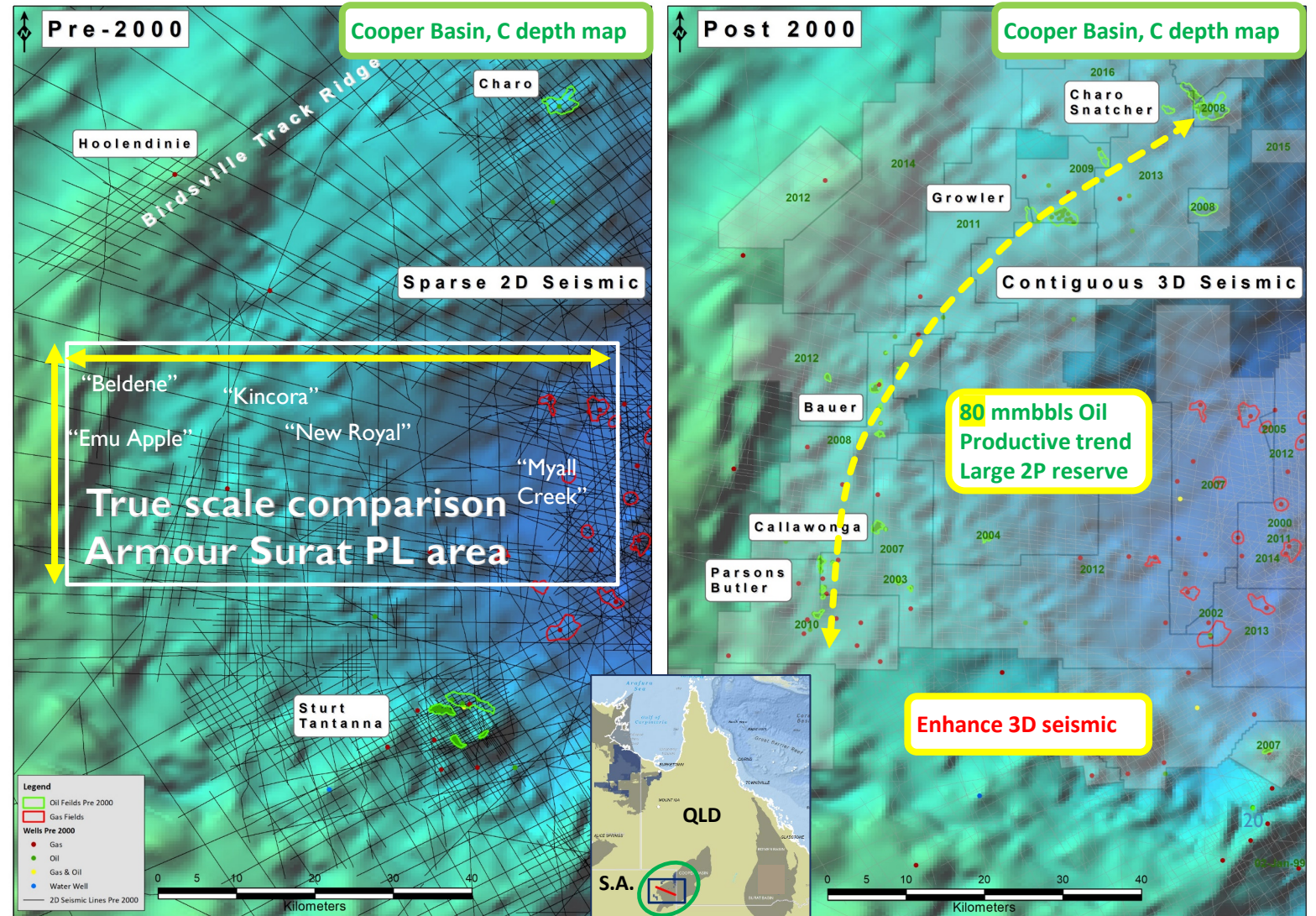
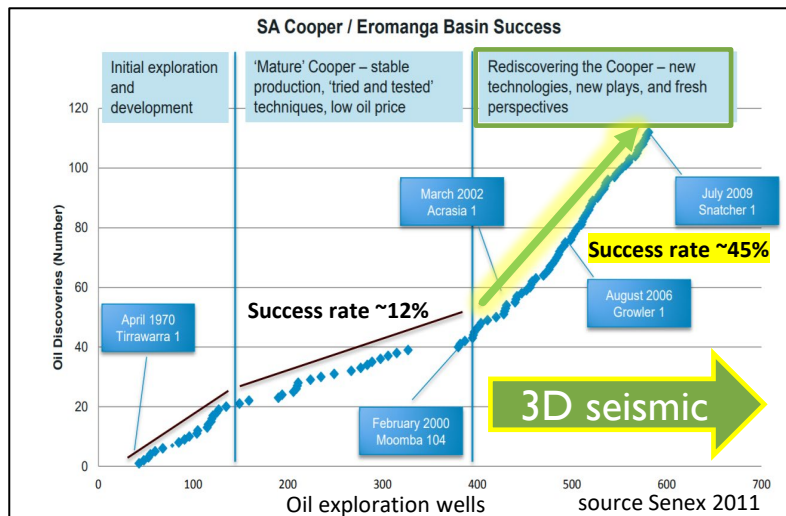
- 2D seismic only, spaced 2 to 10 kms
- No discoveries declared, oil or shows at Charo, Boomer, Hoolendinie; off structure

Post 2000 acreage release

- New explorers, ideas, 3D seismic
- Multiple subtle targets identified on 3D seismic, numerous discoveries
- Currently ~2500 km² 3D on western flank alone
- Multiple producing oil fields
- ~ 80 mmbbls produced to date

Success rate increased dramatically

Initial focus dominantly on structural traps



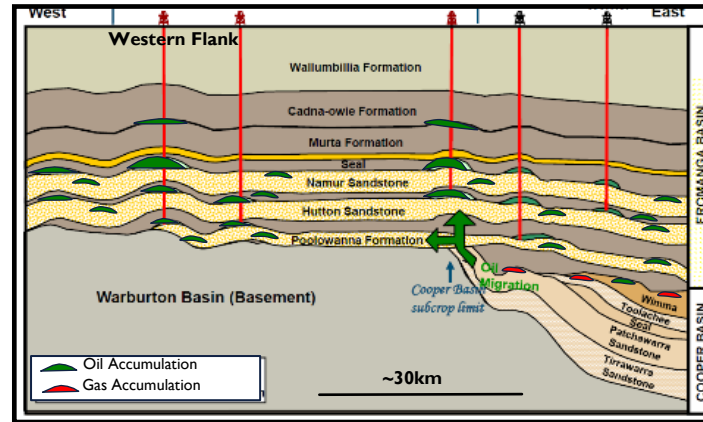


COOPER BASIN

COOPER BASIN – BUILDING A DRILLING INVENTORY

Third Largest Acreage Holder

- Lightly explored, adjacent to existing discoveries
- Extensions of proven oil and wet gas fairways
- 3 large blocks within migration distance of super rich mature hydrocarbon source pods; 30 licences
- PLA 677 won in recent government bid round
- 100% Operator, farmout process commenced
- Basin developed and accessible but not mature



Migration Model – Permian oil and gas moves upwards and laterally

Rich data sets enabling detail evaluation

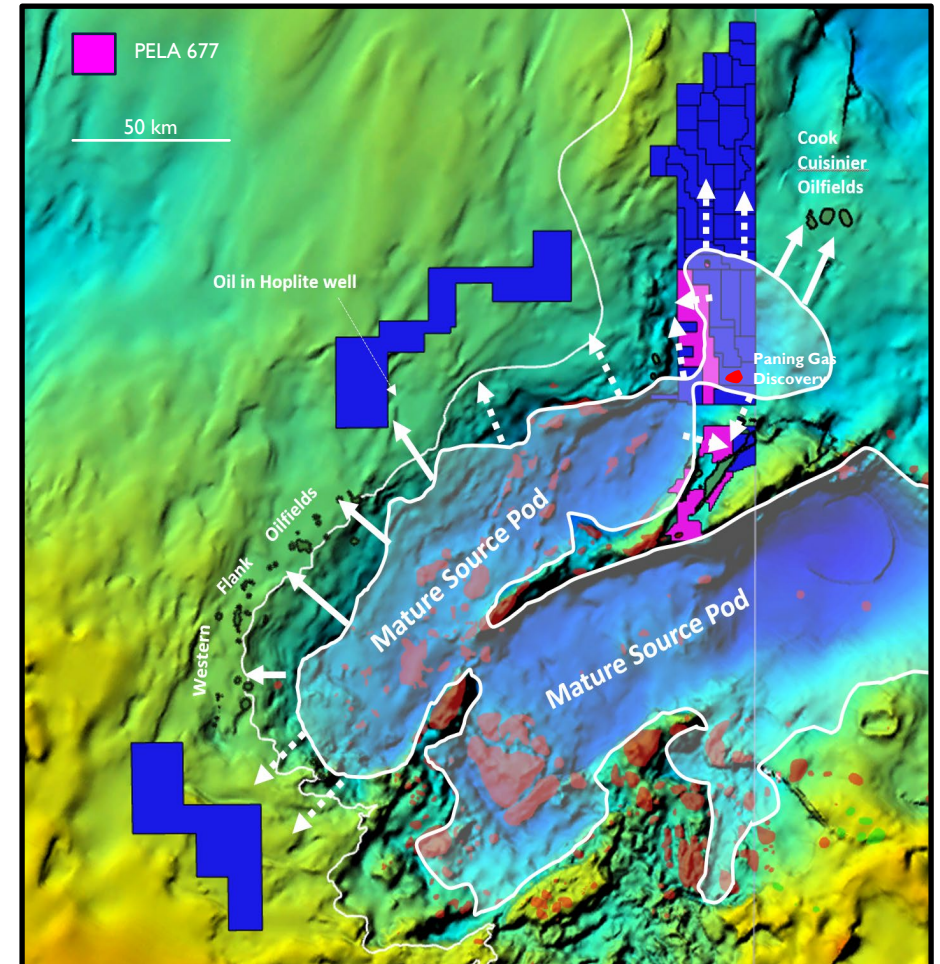
- Two proven & understood play types; Western flank analogues
- Jurassic/Triassic oil pools, >45 historic leads mapped on 2D & 3D seismic
- Permian wet gas pools, undeveloped discovery at Paning
- Multiple productive horizons and stacked pay; oil and gas shows in existing wells

Targeting stratigraphic and bypassed traps

- Stratigraphic impact on reservoir distribution and trap configuration well known
- AI evaluation of multiple 3D datasets increases technical insight
- New acquisition specialist airborne geophysics and iodine geochemistry
- Integrate with deep basin knowledge, 3D seismic, analogue production data

Robust project fundamentals

- Building a portfolio of drilling opportunities; potential for quick returns projects
- Gas feed to high value eastern states market



Map showing mature Permian source pods and migration pathways



PRIMED FOR GROWTH AND FOCUSED ON DELIVERY



2021 Development Capital Program – In progress

Q1 – 2021 (\$0.5m)

\$0.1m Remedial 2020 Work Program

- Remedial treatment of HS#2, HS#4 + WN#1 (**completed 05 Feb 2021**)

\$0.2m Frac Program Planning

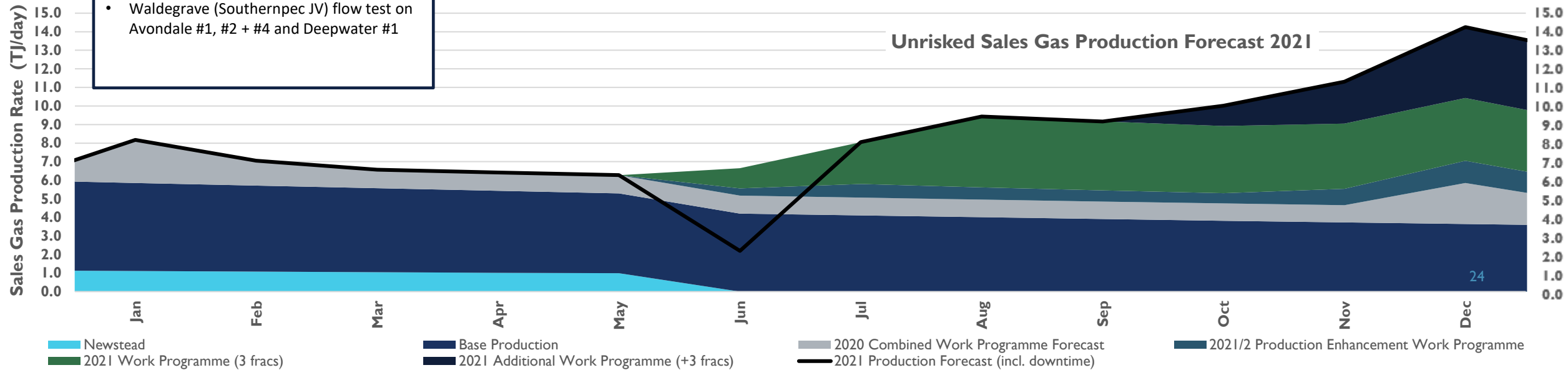
- 2021 Frac tender and engineering design scope (**underway**)
- Pre-frac diagnostics (PNX logging) of frac candidate(s)

\$0.1m Opportunities Register

- 2 x on/off intermittent controllers for enhanced well performance
- Slickline intervention to restore well production (2 wells)

\$0.1m Additional Field Reinstatements

- Waldegrave (Southernpec JV) flow test on Avondale #1, #2 + #4 and Deepwater #1



2021 Development Capital Program – Indicative – subject to partnering

Q1 – 2021 (\$0.5m)

\$0.1m Remedial 2020 Work Program

- Remedial treatment of HS#2, HS#4 + WN#1 (**completed 05 Feb 2021**)

\$0.2m Frac Program Planning

- 2021 Frac tender and engineering design scope (**underway**)
- Pre-frac diagnostics (PNX logging) of frac candidate(s)

\$0.1m Opportunities Register

- 2 x on/off intermittent controllers for enhanced well performance
- Slickline intervention to restore well production (2 wells)

\$0.1m Additional Field Reinstatements

- Waldegrave (Southernpec JV) flow test on Avondale #1, #2 + #4 and Deepwater #1

Q2 – 2021 (\$7.5m)

\$6.2m Work Program

- Execute 3 well fracture stimulations including pre-frac workovers, PNX logging, fracture stimulations, post-frac workovers and connection to sales

\$1.0m Opportunities Register

- 2 x Plunger lift installs
- 3 x on/off intermittent controllers
- Rigless well interventions to restore production (3 – 5 wells)
- Diagnostic logging (3 wells)
- MC#5 pipeline installation (tie in)
- HS#3 workover / recompletion
- New Royal Field – partial reinstatement of facilities and well connections

\$0.3m Additional Field Reinstatements

- Waldegrave (Southernpec JV) Avondale-Baldene pipeline reinstatement + well facilities reconnect

Q3 – 2021 (\$5.1m)

\$3.8m Work Program

- Pipeline and facilities install (Frac #3)
- Frac wells #4&5 - Pre-frac workovers and PNX logging

\$1.3m Opportunities Register

- 2 x on/off intermittent controllers
- 2 x LRP installation (1 gas / 1 oil)
- Oil well workover / reinstate production
- Rigless well interventions to restore production (2 – 3 wells)
- Relocate FC04 compression
- Acquire mobile test separator capability

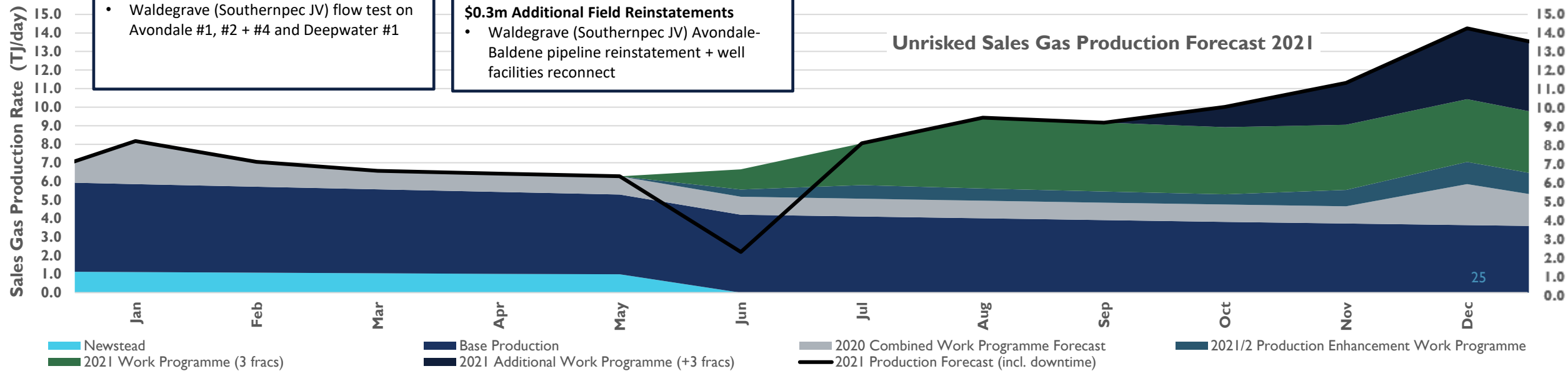
Q4 – 2021 (\$5.7m)

\$5.3m Work Program

- Execute 3 well fracture stimulations (wells #4, #5 + #6) including pre-frac workovers, PNX logging, fracture stimulations, post-frac workovers and connection to sales
- Frac well #5 - pipeline

\$0.4m Opportunities Register

- 3 x on/off intermittent controllers
- 1x LRP installation (gas)



ROAD AHEAD

- Northern Basins
 - Proposed demerger and IPO of the Northern Basin assets
- Surat Basin
 - New 2021 work programme
 - Progressing farm-out for Surat work programmes
 - Focus on opening up new by-passed pay plays
 - Continue focus on monetising Newstead Gas Storage
- Cooper Basin
 - Commencing exploration – high grading leads & prospects to select drilling targets
 - Expanding the footprint
- Financial
 - Targeting retirement of Senior Secured Amortising Notes conditional on completion of Northern Basin IPO
 - Debt free, recapitalised and strengthened balance sheet



CONTACT

Nicholas Mather – Executive Chairman
07-3303 0680

Brad Lingo – CEO
07-3303 0680

Karl Schlobohm – Company Secretary
07-3303 0661

Sarah Schuiringa – Marketing & Communications
07-3303 0619

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APPENDIX



NORTHERN BASIN RESERVES & RESOURCES

Accessor Report	Reservoir Type/Name	Estimated Recoverable Gas Resource (Bscf)			Estimated Recoverable Liquid Resource (MMstb)		
		Low	Best	High	Low	Best	High
SRK ⁽³⁾	Conventional Closures Wollgorang	61	647	6,893	0	0	0
SRK ⁽³⁾	Conventional Closures McDermott	149	1,548	16,557	0	0	0
SRK ⁽²⁾	Conventional Closures Coxco	890	2,254	5,780	0	0	0
	Total Conventional	1,100	4,449	29,230	0	0	0
SRK ⁽³⁾	Unconventional Wollgorang Shale	5	6,900	141,404	0	0	0
SRK ⁽³⁾	Unconventional McDermott Shale	26	10,120	152,107	0	0	0
MBA ⁽¹⁾	Unconventional Barney Creek Shale	3,801	12,971	39,085	261	1,234	4,435
	Total Unconventional	3,832	29,991	332,596	261	1,234	4,435
Total NT Prospective Resources		4,932	34,440	361,826	265	1,250	4,481

Accessor Report	Reservoir Type/Name	Contingent Gas Resource (Bscf)		
		1C	2C	3C
D&M ⁽⁴⁾	Conventional Closure Coxco	2.4	6	10.3

Cautionary statement: 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.

(1) MBA Report, Conventional and Unconventional Prospective Resource Estimate EP 171 & EP 176, NT, October 2011

(2) SRK Report, Coxco Dolomite Resource Evaluation Batten Trough, McArthur Basin, EP 171, 176, 190, NT, November 2013

(3) SRK Report, SRK Report, Conventional and Unconventional Resource Assessment of the Wollgorang and McDermott Formations – Tawallah Group, NT, September 2015

(4) D&M Report, Contingent Resources in Exploration Permit 171 in the Northern Territory, Australia with interests licensed by Armour Energy Limited, April 2013