



MOSMAN OIL AND GAS
LIMITED

AIM: MSMN

Production Matters The Growth Plan

January 2021





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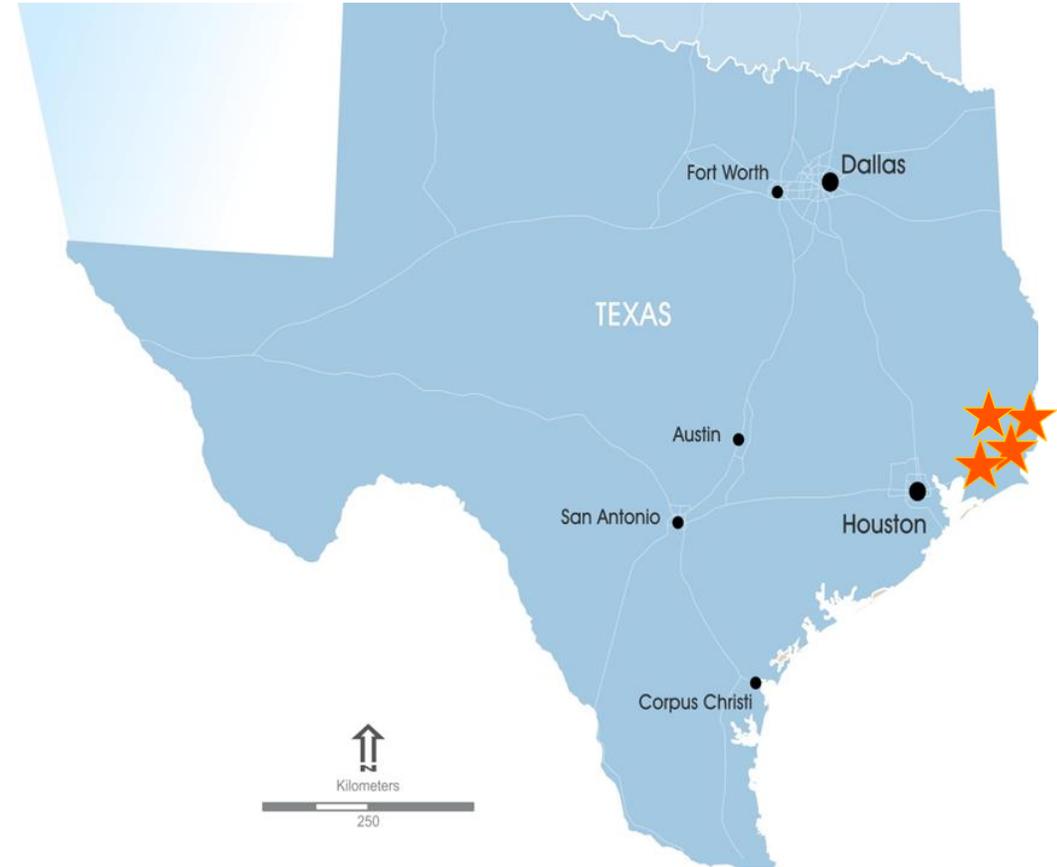
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Overview

Business Model

Strategy

- Conventional Oil and Gas
- Low political risk countries
- Acquire producing projects with development upside in East Texas, USA
- High potential exploration permits in the Amadeus Basin in Australia





Corporate

Corporate

- Australian Company
- Admitted to AIM
- Experienced Board
- Representative based in Texas
- Executive Board, augmented by consultants as required

Capital Structure			
AIM TICKER	MSMN		
Market Capitalisation	GBP 5 million		
Shares	2,599,013,052		
Options	750,000	GBP 0.02	(February 2023)
Warrants	200,000,000	GBP 0.0023	(February 2021)
	311,250,000	GBP 0.0015	(July 2021)
	360,000,000	GBP 0.0025	(October 2022)
	16,000,000	GBP 0.00125	(October 2022)
	52,083,334	GBP 0.0023	(December 2021)
	52,368,750	GBP 0.0015	(December 2021)





2021 Outlook

- Falcon-1 recently brought on production, significant production and cashflow
- Production from Stanley and Greater Stanley expected to be increased with drilling and workovers
- Continue with Amadeus Basin exploration and achieve a farm out
- Overall plan is to participate in a well each quarter, obviously subject to weather and other factors. At the current time drilling is under consideration as following:
 - *2nd quarter; Stanley-5 and Cinnabar-1 or Galaxie-1*
 - *3rd quarter Cinnabar or Galaxie*
 - *4th quarter Stanley-6 and Cinnabar or Galaxie*

Drilling at Stanley





Directors

Highly
Experienced
Board



John W Barr, B.Bus (Acc.), CA, FAICD, Executive Chairman

- A Chartered Accountant and Fellow of the Australian Institute of Company Directors, a director of listed and unlisted companies for over twenty-five years.
- Specialises in the management of companies including advice on capital raisings, mergers and acquisitions, negotiating onshore and offshore acquisitions and joint ventures, negotiating commodity-based funding, and compliance with corporate and stock exchange requirements.

Andy Carroll, BA, MA (Engineering) Cambridge, Technical Director

- A mechanical engineer by background, Andy has spent his career in the oil industry. He is currently founder and Managing Director of Australasian Energy Pty Ltd and Chairman of ASX listed High Peak Royalties Ltd.
- His expertise covers a wide range of the energy business, with particular expertise in oil and gas, from permit applications and initial exploration operations including drilling, to development, production and marketing.

John A Young, B App Sc (Geol), Grad Dip Tech Management, MAUSIMM, Non-executive Director

- A geologist with 25 years experience in resource project and corporate management. He is a Member of the Australian Institute of Mining and Metallurgy and has worked on a wide variety of mineral and resource projects throughout Australia and overseas.
- In addition, Mr. Young has held senior management and operational positions, and currently, holds directorships with Bardoc Gold Limited and Trek Metals.



Key Consultants

Operationally Specific Requirements



Consultants act in accordance with the instructions of the Executive Directors.

The consultants' services are part-time and utilised on an as required basis.

Howard McLaughlin, US Operations

- Throughout his career, Howard has operated at the highest level of expertise and governance. He is an experienced oil and gas operator and formally was a senior BHP executive involved in projects in a diverse range of countries and operations.

Jarrold White, Chief Financial Officer and Company Secretary

- A Chartered Accountant and Director of Traverse Accountants Pty Ltd, a Corporate Advisory and Chartered Accounting Firm. In conjunction with his Corporate Advisory roles at Traverse he has been appointed Company Secretary and Chief Financial Officer of several other companies listed on the Australian Stock Exchange, and has a strong knowledge of corporate governance and compliance.

Julie Daws, Australian Oil and Gas Consultant

- Julie has over 25 years experience in the Oil and Gas Industry, including acting in senior positions in exploration projects for independent oil and gas companies with operations across Europe, Africa, SE Asia, Caspian Sea and Australia. Julie received her PHD from Aberdeen University, UK in Sedimentology and reservoir characterisation.
- She is a vital member of the Mosman team and is particularly focused on the Amadeus Basin.



Current Projects

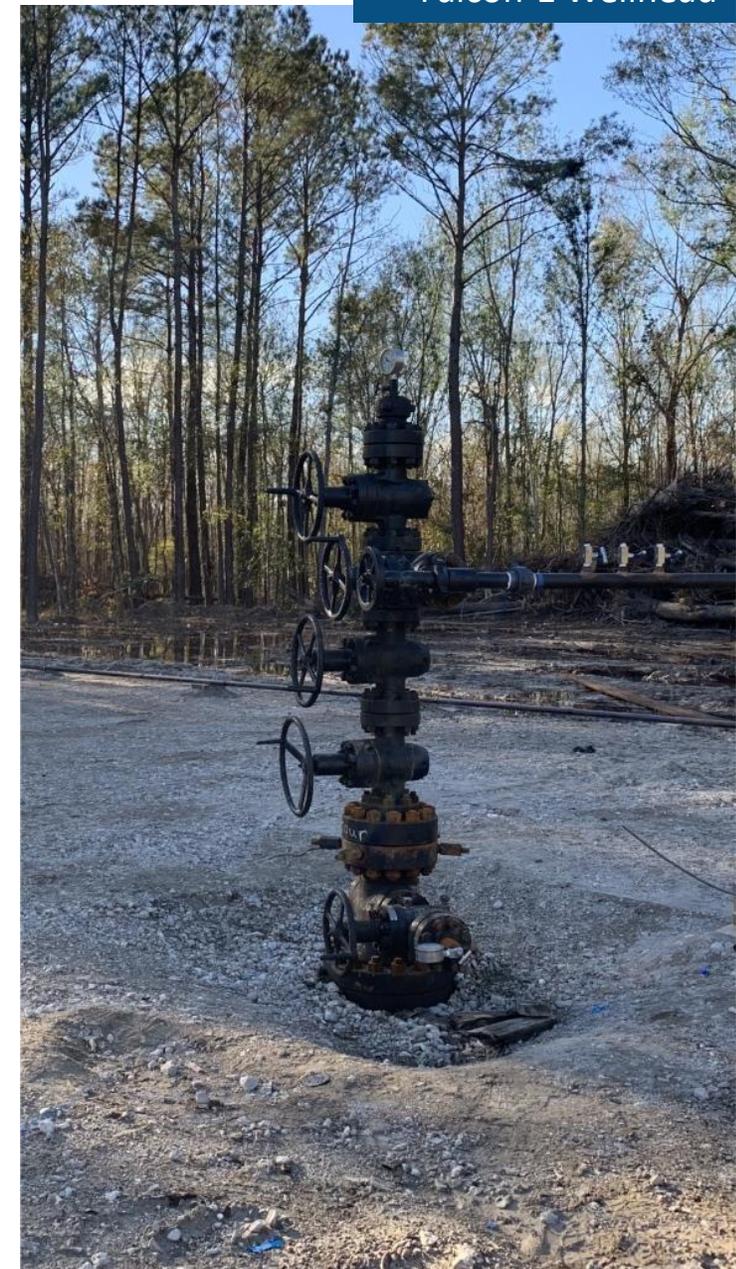


PRODUCING		
Project	Location	Approx Working Interest
Falcon	Texas	50%
Stanley	Texas	18.5% to 14.85%
Greater Stanley	Texas	20%
Arkoma Stacked Pay	Oklahoma	27% (Held for sale)

UNDEVELOPED		
Project	Location	Approx Working Interest
Galaxie	Texas	60%
Cinnabar	Texas	85% (after JV farmout)

EXPLORATION		
Project	Location	Approx Working Interest
Amadeus Basin	Northern Territory, Australia	100% (EPA145) 30% (EPA 155 - 70% of Working Interest was farmed out to Westmarket Oil & Gas Pty Ltd in June 2020)

Falcon-1 Wellhead



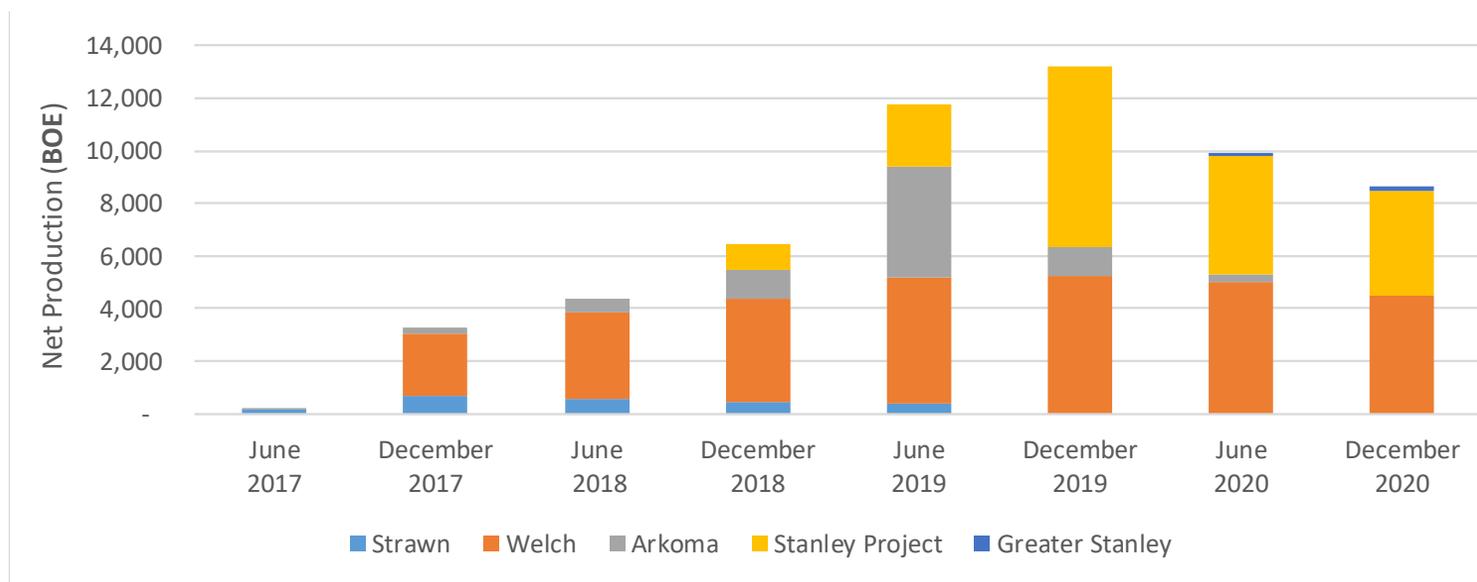


Establishing a Production Portfolio



- A production base has been established over the last four years
- The growth trend in production was impacted by the global pandemic, related oil price reduction and the JVs focus on maximising cash flow rather than production
- Stanley production will recover and increase with the installation of pump-jacks on two wells (Stanley-1 and -2) and drilling additional wells
- Falcon-1 was recently drilled and now producing approximately 180 boepd (gross). Mosman's net production (50% working interest) is 90 boepd (68 boepd after 25% royalties)

Six Monthly Net Production (BOE) - excluding Falcon (before royalties)





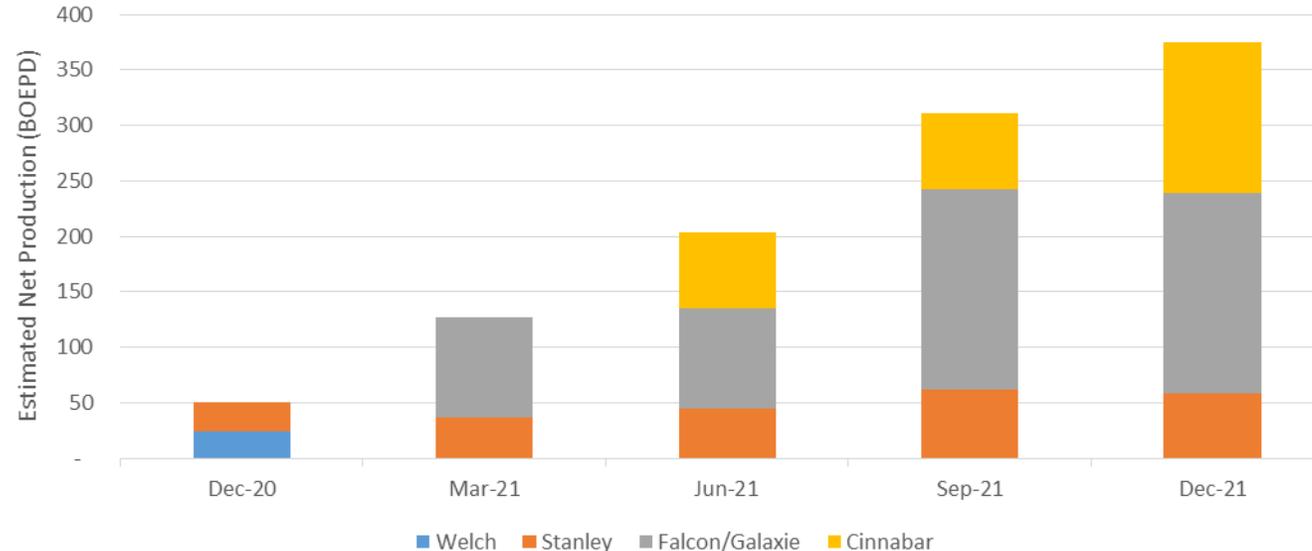
Potential Production Increase in 2021



Potential for significant net production growth in 2021 based on further wells that may be drilled:

- Falcon-1 provides significant increase (assumes 180 boepd gross throughout) more than compensating for sale of Welch
- 2nd quarter 2 wells possible:
 - Stanley-5 (assumes 150 gross boepd) and
 - Cinnabar-1 (assumes 80 gross boepd) or
 - Galaxie-1 (assumes 180 gross boepd)
- 3rd quarter: Cinnabar-2 or Galaxie-1 (same rates as above)
- 4th quarter: Galaxie-1 if not drilled previously (as above), and Stanley-6 (assumes 150 gross boepd)

Potential Daily Production (boepd, net, before royalties)



Note: The timing of drilling and workovers is not certain, and results are subject to normal operational risks and may not be the same as these projections.



New Production

Falcon-1



- Falcon-1 is located at the Champion Project
- The key to identifying the drilling target was 3D seismic
- Directional well from existing road
- Falcon was brought on-stream 11 December 2020
- Falcon-1 was recently drilled and now producing approximately 180 boepd (gross) Mosman's net production (working interest before royalties) is 90 boepd (68 boepd after 25% royalties)
- The well was tested at higher rates
- Based on current production volumes and commodity prices, Mosman anticipates significant free cash-flow from this well

Falcon-1 Flaring





Cinnabar Project

Producing Field with Identified Potential



- Drilling of the first re-development well anticipated in the 2nd quarter 2021, following further technical work including 3D seismic
- Third Party Independent Report identified existing Proven plus Probable reserves of 849,000 bbls
- Mosman is Operator with 97% working interest (85% after JV farmout)
- Project is held by production from two older wells that have produced significant quantities of oil

Cinnabar Wellhead





Champion Project

Multiple Prospects



- The success of Falcon-1 has upgraded the other prospects which have been mapped previously, including:
 - *Galaxie*
 - *Durango*
 - *Corona East*
 - *Corona West*
- Reviewing Falcon-1 results and integrating into the geologic model prior to drilling of the next well anticipated in the 2nd quarter 2021
- Existing production infrastructure includes all-weather roads and gas pipelines.

Falcon-1, Tank Farm





Stanley Oil Production



- The project produced a gross profit of over \$500,000 in the 2020 year
- Stanley 5 is in planning for 2nd quarter
- Stanley has 100% success rate with oil production from four wells drilled to date
- Stanley 3 and 4 continue to flow without artificial lift. Stanley 2 has recently been placed on artificial lift (pump-jack) and that is also planned for Stanley-1
- Based on the excellent results, based on 3D seismic, further drilling is planned in 2021

Stanley Facility Oil Tanks



Other Projects

- Greater Stanley will continue to receive attention during 2021 to increase production and develop the potential demonstrated at Stanley
- To focus on East Texas
 - *Welch sale announced*
 - *Arkoma is for sale*



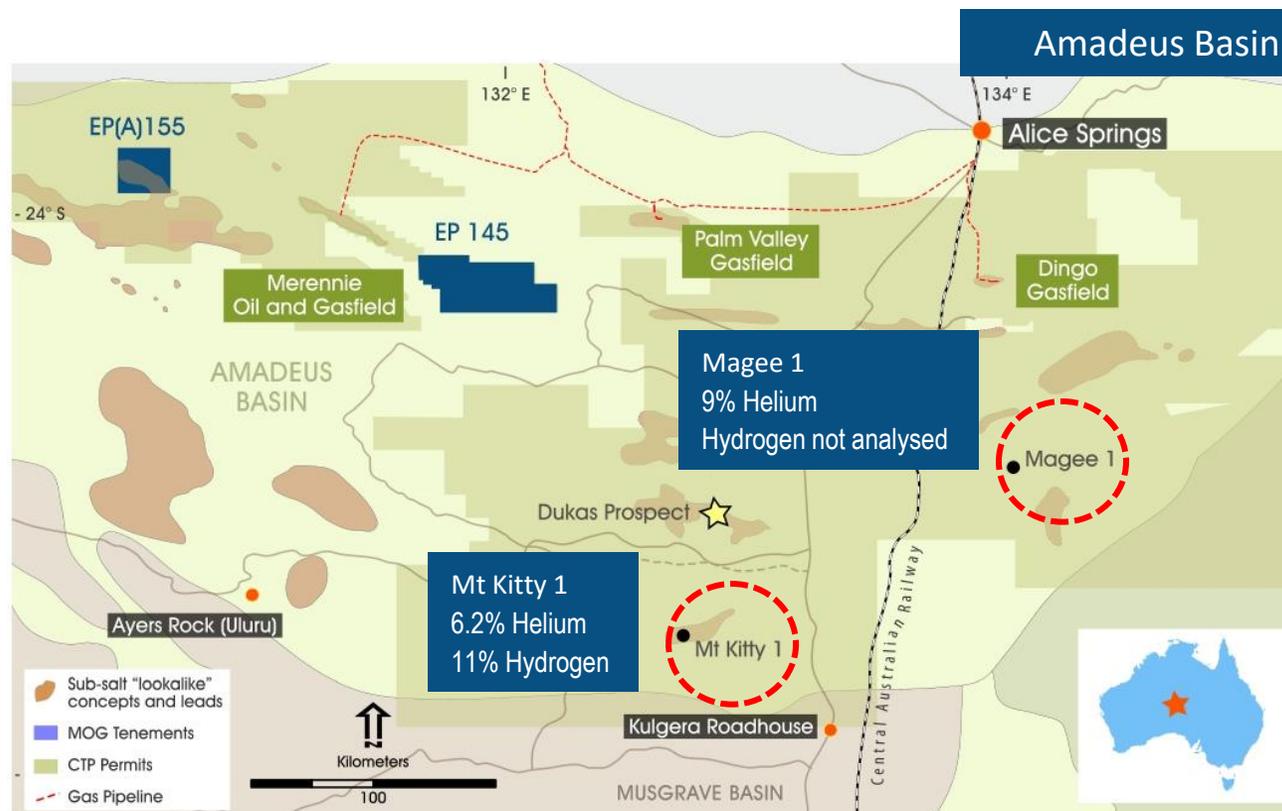


Exploration Assets

Amadeus Basin



- The Amadeus Basin, Northern Territory, is a proven hydrocarbon basin with 30+ years of oil and gas production
- Relatively underexplored basin covering ~170,000km²
- Opportunities for multiple pay horizons including TCF sized subsalt prospects
- Proven Hydrogen & Helium opportunities in addition to hydrocarbons
- Helium is derived from decay of radiogenic Uranium and Thorium minerals in the Neoproterozoic basement granites
- Hydrogen is generated through natural radiolysis of water





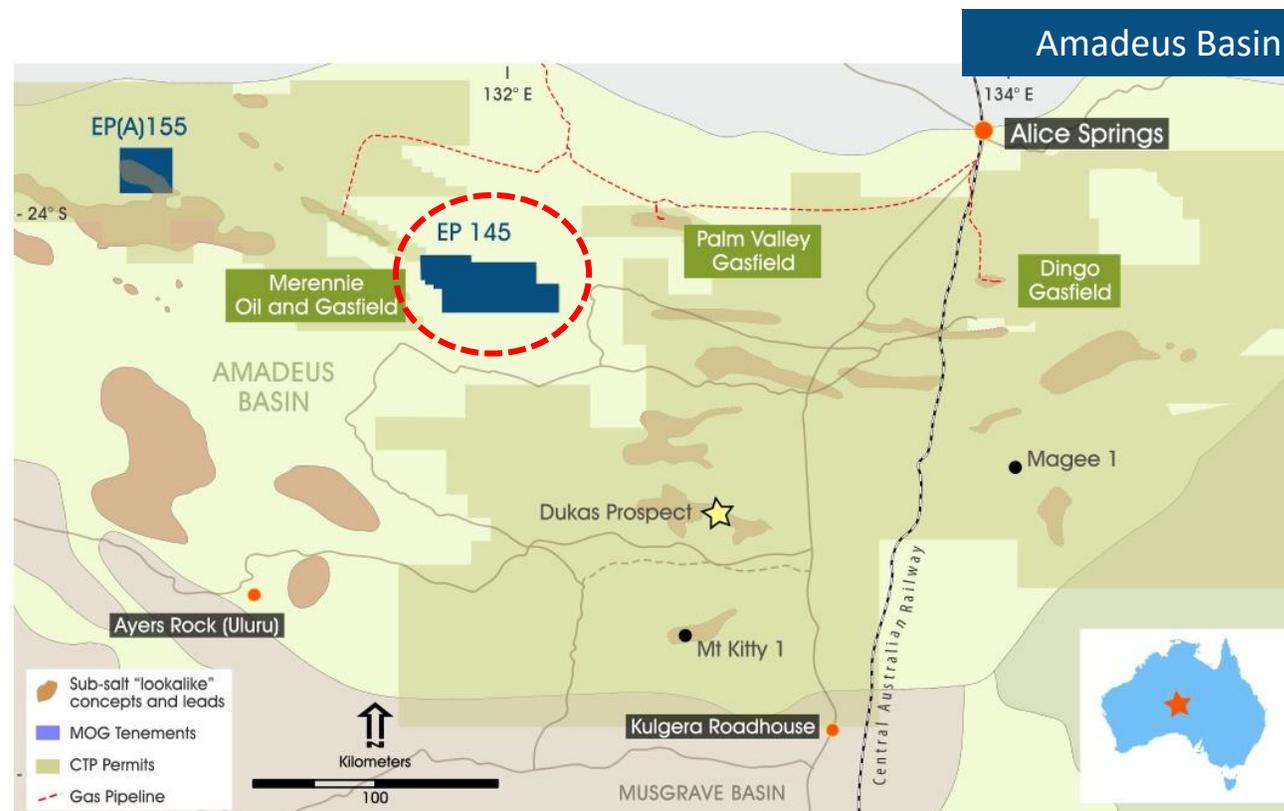
Exploration

EP145

- 2 wells drilled in EP145. Both encountered gas
- Nearby projects (Mereenie, Palm Valley) have been on production for over 30 years.
- Current P50 recoverable gas estimates in the conventional Pacoota Sandstone play are ~130BCFG but more seismic data is required to fully evaluate
- Additional targets in the subsalt and Neoproterozoic succession are untested

Exploration Activity

- 2D seismic program planned for 2021
- Positive results from Dukas-1 which targeted deep subsalt play
- MOG actively seeking farmout to fund seismic and future well





Exploration

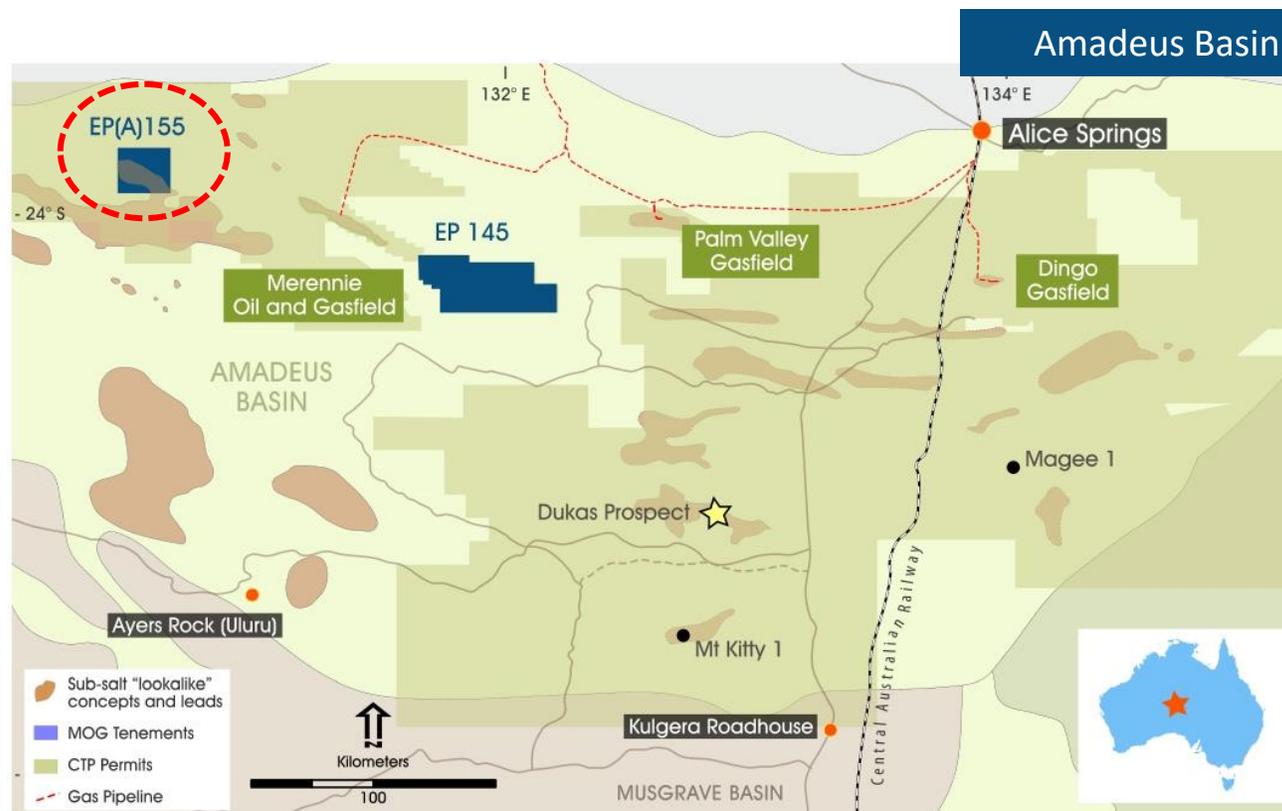
EPA155



- EPA155 is located between Merenie & Surprise Oilfields
- 2 wells, Mt Winter 1 & 2 drilled on sparse seismic grid, both wells encountered oil
- Stacked pay opportunities identified on seismic and regional data evaluation

Exploration Activity

- Negotiations leading to permit award delayed by Covid-19. New meetings scheduled for early 2021
- Recently farmed out 75% WI
- Seismic reprocessing and reinterpretation of data proposed following permit award





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Conclusion and Outlook

- Significant increase in production with Falcon-1 onstream
- Active program with intention to drill at least one well per quarter in 2021
- Further drilling based on 3D seismic that has been successful at Stanley and Falcon
- Higher working interest at Galaxie and Cinnabar
- Additional production increases from workovers
- Very large exploration potential in Australia includes helium and hydrogen