

Petro Matad

Operational Update – March 2022



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Petro Matad Board of Directors



Chief Executive Officer: Mike Buck

- 40 + years of international E&P experience including 9 years as COO of Salamander Energy
- Proven track record of exploration success in S. America, N. Africa and Asia. Directly involved in the discovery of more than one billion barrels of recoverable reserves
- Managed major development projects in Libya, Pakistan and Iran



Non-Executive Chair-person: Enkhmaa Davaanyam

- 20 + years of energy, mining and infrastructure project management
- CEO of Petrovis Group, Mongolia's largest fuel importation and distribution company



Non-Executive Director: Shinezaya Batbold

- Chair-person of Petrovis Board of Directors
- Currently holds a number of board and chair positions in diversified business sectors in Mongolia



Non-Executive Director: Tim Bushell

- 35 + years of international E&P experience including 10 years as CEO of Falklands Oil and Gas Ltd
- Directly involved in the discovery of more than 700 million barrels of recoverable reserves in S Atlantic and Norway

Mongolia's Leading Independent Oil Company



AIM Listed (MATD)

Mongolia focused oil company with experienced Board and Management Team



Two PSCs with Government of Mongolia

100% working interest and ownership

Block XX Exploitation Licence only the third ever awarded in Mongolia



Transition into an E&P Company

Block XX Heron development

Block V transformational exploration upside

Expansion possibilities in hydrocarbons and renewable energy



Strong Government relationships

Sector-friendly jurisdiction with Government committed to developing domestic oil industry

Received the sector's 'Best Entity Award' for 2021

Responsible approach to operations, proactively managing all environmental and social risks and working in partnership with local stakeholders to support licence to operate

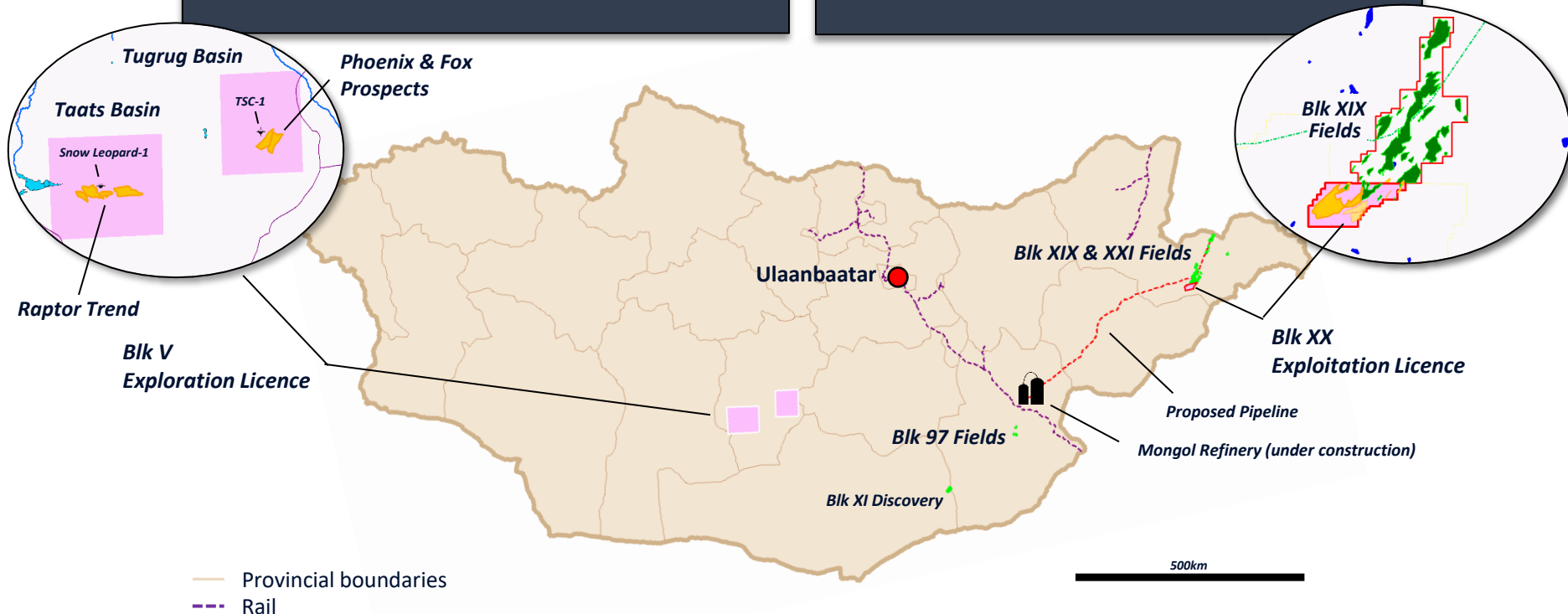
Our Assets

Block V

Discretionary exploration with large resource potential, very high impact, low cost. Snow Leopard 1 proved an active petroleum system.

Block XX

Development, appraisal, exploration. Adjacent to Mongolia's main oil producing area. Heron field & Gazelle discovery with exploration upside

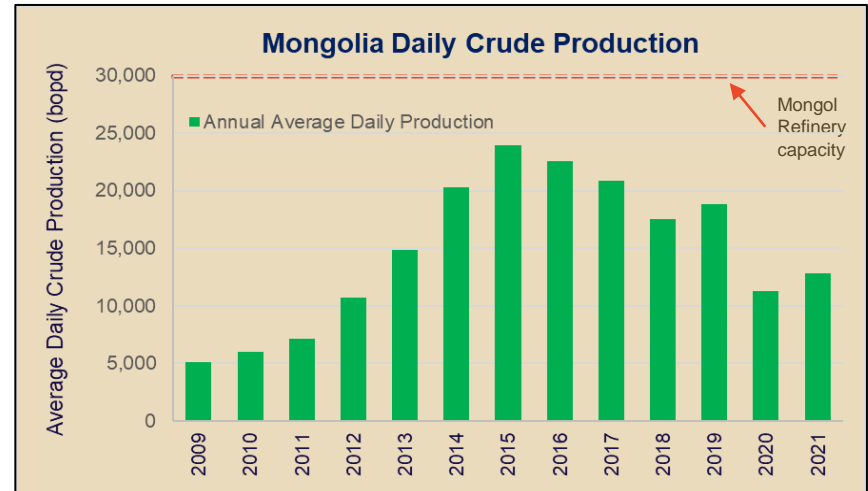


Block XX Heron Field development and production starting in 2022

Mongolia Oil Industry

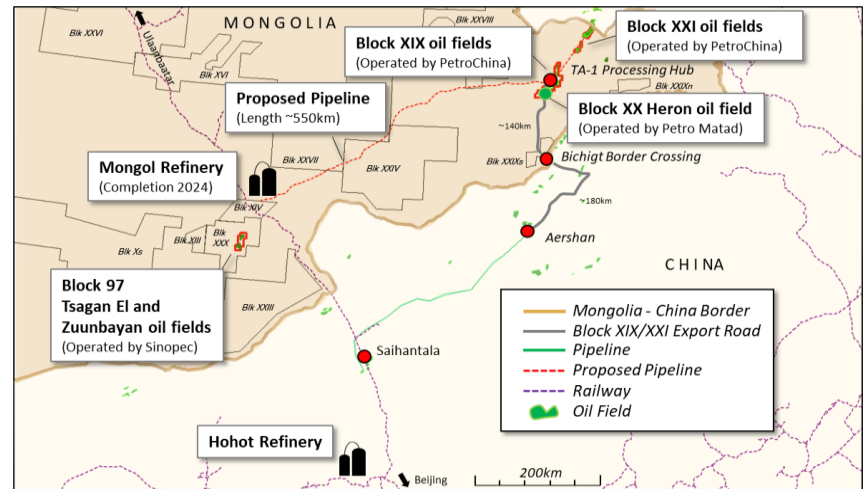
Government supportive of domestic oil industry

- Mongolia's average daily crude production in 2021 was 12,787 bopd*. Production now ramping up following pandemic
- Petro China operates 95% of country's production adjacent to Heron Field. All trucked to Chinese refineries
- Mongolia's refined product need is ~42,000 bopd*
- Government very keen to increase investment in upstream oil sector to meet domestic needs



New Mongolian refinery under construction using \$1bn+ soft loan from India

- Infrastructure (rail, road, power) complete
- EPC contract awarded. On site activity underway
- Designed for 30,000 bopd feedstock. Heron production will help meet this demand
- Refinery scheduled on stream 2024
- Pipeline from Block XIX to refinery: Expressions of interest requested by government and received



Funded through to Production Start-up

A cost effective organisation fully funded to proceed to commercialisation



- Moving into low-cost production prioritising Heron 1
- Funded for further development drilling to increase production capacity
- Looking to recruit a farm-in partner to accelerate development and revenue
- Negotiating contracts with in-country service providers to ensure cost effective operations and to expedite production start up. Some price reductions achieved compared to previous campaigns
- Talking to DQE Drilling on broader cooperation agreement
- Working on all aspects of permitting needed to move in to the production phase

Additional opportunities being evaluated

- Market soundings on Block V drilling indicate low cost options - transformational resource potential
- High potential in southern Mongolian basins rivalling globally active deep water exploration plays but at a fraction of the drilling and development cost
- High graded areas identified for new PSC applications. Proposals submitted to improve the PSC and Petroleum Law. Current terms are generally good, some terms can be improved
- Growing opportunities exist in the renewable energy sector (solar and wind). Negotiating with companies active in Mongolian renewables with a view to cooperation and project execution

A photograph of an oil drilling rig at sunset. The rig is a tall, lattice-structured derrick with a platform at the top. The sun is low on the horizon, creating a bright glow and long shadows. In the foreground, there is a large, dark, rectangular storage tank or containment area, possibly for water or oil, with a black liner. The ground is sandy and uneven. To the right, there are some industrial buildings and a truck. The sky is a mix of blue and orange from the sunset.

From pure Exploration to Production and Exploration

Heron Field Overview

Targeting >30% Recovery Factor

Working interests and operatorship

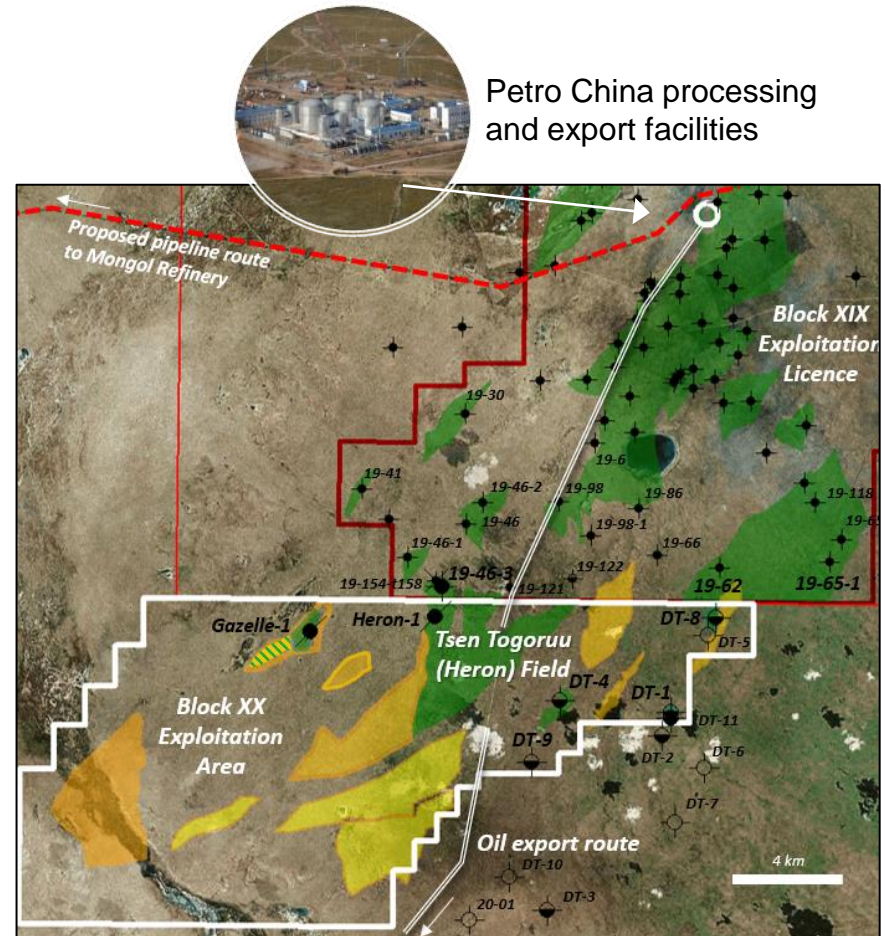
- Heron field located in Block XX
- Petro Matad holds 100% working interest and is the operator of Block XX
- Exploitation Licence secured – tenure for 25 years+
- Memorandum of Understanding for cooperation signed with PetroChina, operator of Block XIX

Oil discovery

- Heron 1 discovery made in 2019 drilling campaign
- Heron 1 flowed 821 bopd 44° API to surface
- 3rd best exploration well test rate¹ reported in Mongolia

Transformational for the company

- First oil forecast in 2022 using adjacent infrastructure
- 194 MMbo² resource in place, 33 MMbo³ to >60 MMbo³ recoverable
- Low-cost appraisal/development



1. Based on data reported at Oil and Oil Shale conference Mongolia 2014.

2. LEAP Energy Competent Persons' Report.

3. Company estimates

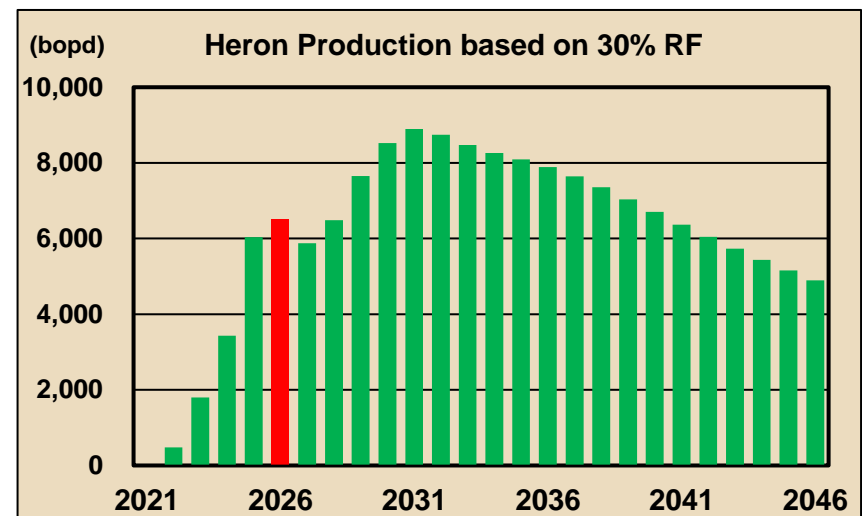
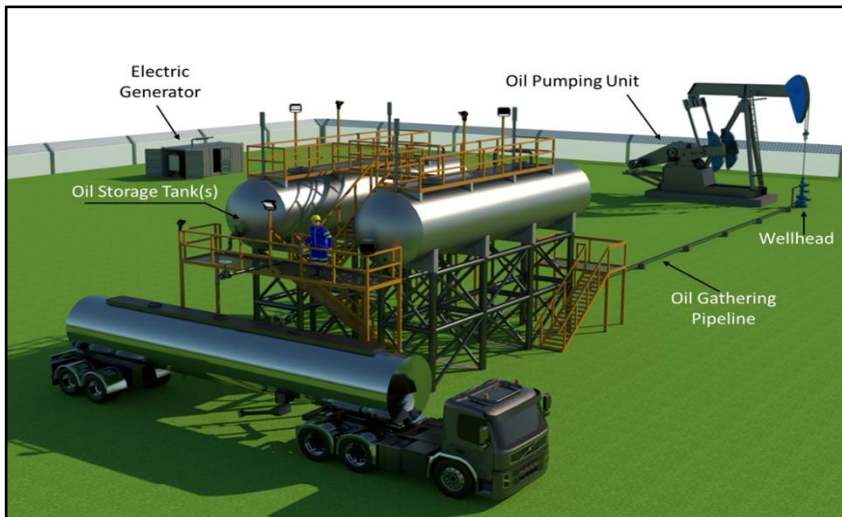
Timeline to Full Field Development



Heron Field Development

Phase 1 Development

- Simple and inexpensive 'single well' production facilities
- Oil exported from production storage tanks to Block XIX facilities
- Targeting 30% recovery factor, improved well deliverability and maximum production of 6000 bopd by the end of Phase 1
- FID on full field central processing facilities during phase 1 once performance of existing facilities has been evaluated





Further prospects that will drive growth
and add value

Block XX Exploration & Appraisal

500 MMbo in place potential up-dip of proven oil - Exploration drilling costs US\$1MM or less

Low-cost appraisal upside

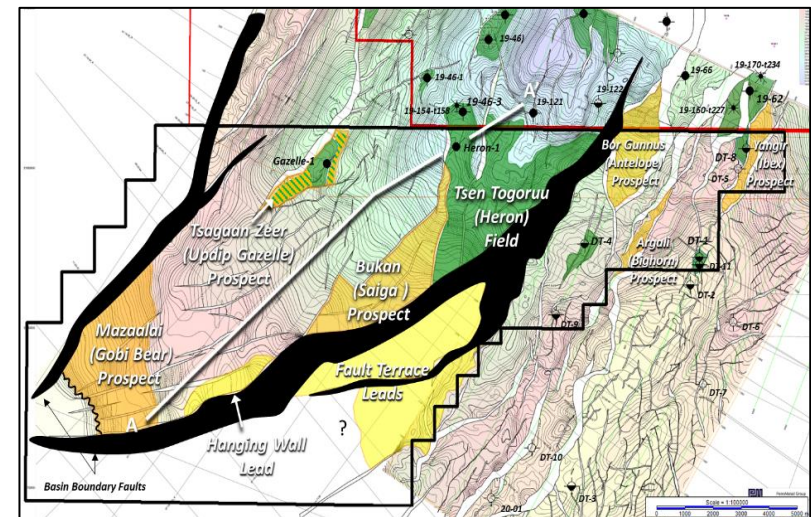
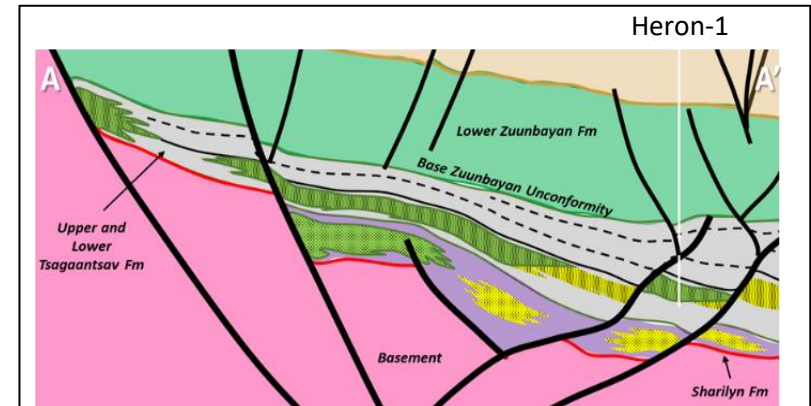
- 2019 Gazelle 1 discovery adjacent to Heron Field
- Nearby DT-4 discovery has upside
- Oil discoveries in Block XIX extending into Block XX

Near field exploration potential

- 218km² Exploitation Area captures the entire extension of the proven prolific Tosun Uul sub-basin into Block XX
- Favourable geometry for charge and trapping
- Numerous prospects and leads already defined on 2D and 3D seismic
- Total resource potential 500 MMbo in place. 100 to 200 MMbo recoverable¹

High chance of success, very low cost

- Shallow targets 1000m to 2000m
- Drillable with small rigs available in-country as a cheap “finder” well
- Target well cost US\$1 MM or less given shallow depths in southern part of basin



Block V – Raptor Trend

Active petroleum system in Taats Basin

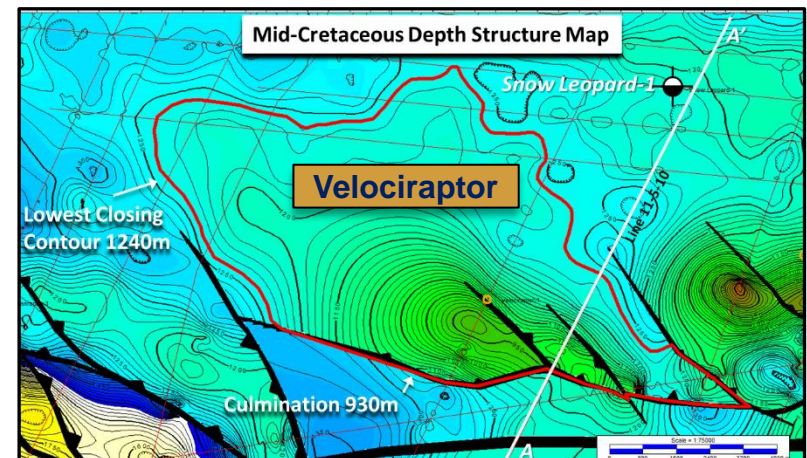
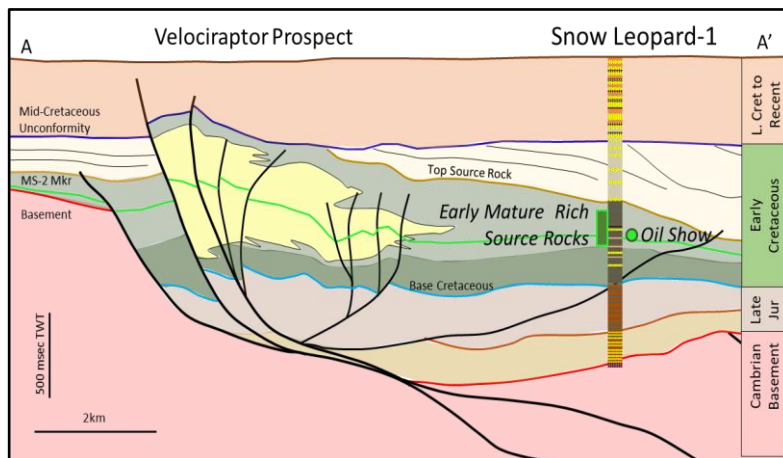
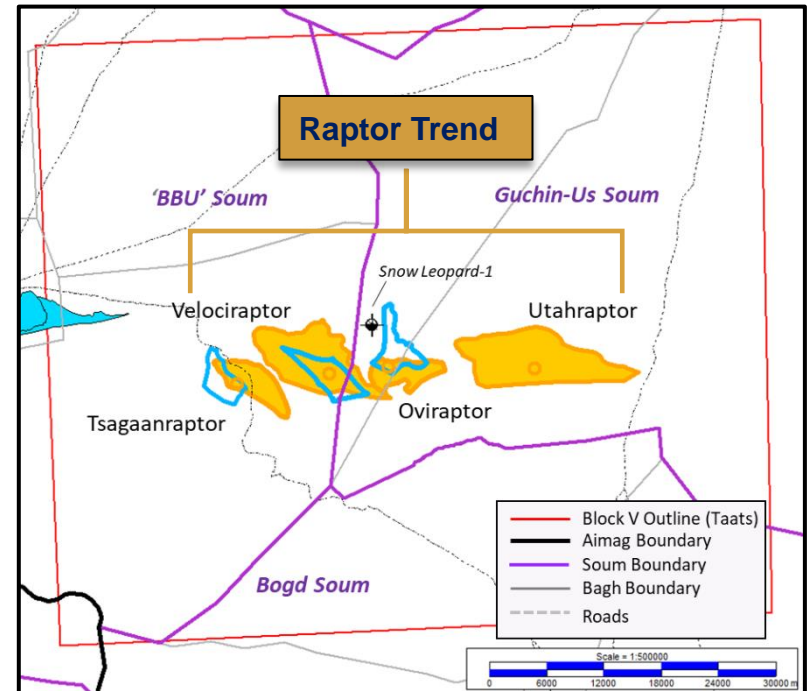
- Snow Leopard 1 well proved an active petroleum system
- 4 large structural closures defined c. 7km south

Low-cost, very high impact exploration

- Velociraptor 1 drill ready
- Multiple stacked reservoir potential
- Updip of proven early mature excellent source rock
- 200 MMbo recoverable resource potential
- 400 MMbo upside in satellite structures, Oviraptor, Tsagaanraptor

Well cost

- Target well cost now c.US\$1.4 MM following market soundings





Summary

Summary

Mongolia's next production company

Working with government to streamline approvals and improve investment environment

Heron discovery - production in 2022 using nearby infrastructure

Significant low-cost exploration upside. High chance of success in Block XX, huge impact in Block V

Looking to expand our upstream oil portfolio and develop a renewable energy capability in Mongolia

Responsible operator committed to proactively managing its ESG risks

Thank you

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