

# Shareholder Webinar

## Block 9 Update

11 July 2024

## Disclaimer

**Summary of information:** This presentation contains general and background information about Melbana Energy's activities current as at the date of the presentation and should not be considered to be comprehensive or to comprise all the information that an investor should consider when making an investment decision. The information is provided in summary form, and should not be considered to be comprehensive or complete.

**Not financial product advice:** This presentation is not financial product, investment advice or a recommendation to acquire securities and has been prepared without taking into account the objectives, financial situation or needs of individuals. Before making an investment decision investors should consider the appropriateness of the information having regard to their own objectives, financial situation and needs, and seek legal, taxation and financial advice appropriate to their jurisdiction and circumstances.

**Disclaimer:** Melbana Energy and its related bodies corporate and each of their respective directors, agents, officers, employees and advisers expressly disclaim, to the maximum extent permitted by law, all liabilities (however caused, including negligence) in respect of, make no representations regarding, and take no responsibility for, any part of this presentation and make no representation or warranty as to the currency, accuracy, reliability or completeness of any information, statements, opinions, conclusions or representations contained in this presentation. In particular, this presentation does not constitute, and shall not be relied upon as, a promise, representation, warranty or guarantee as to the past, present or the future performance of Melbana Energy.

**Future performance:** This presentation contains certain forward-looking statements and opinion. The forward-looking statements, opinion and estimates provided in this presentation are based on assumptions and contingencies which are subject to change without notice, as are statements about market and industry trends, which are based on interpretations of current market conditions. Forward-looking statements, including projections, forecasts and estimates, are provided as a general guide only and should not be relied on as an indication or guarantee of future performance and involve known and unknown risks, uncertainties and other factors, many of which are outside the control of Melbana Energy. Past performance is not necessarily a guide to future performance and no representation or warranty is made as to the likelihood of achievement or reasonableness of any forward looking statements or other forecast.

**Risks:** An investment in Melbana Energy is subject to investment and other known and unknown risks, some of which are beyond the control of Melbana Energy.

**Not an offer:** This presentation is not, and should not be considered as, an offer or an invitation to acquire securities in Melbana Energy or any other financial products and neither this document nor any of its contents

will form the basis of any contract or commitment. This presentation is not a prospectus. Offers of securities in Melbana Energy will only be made in places in which, or to persons to whom it would be lawful to make such offers. This presentation must not be disclosed to any other party and does not carry any right of publication. Neither this presentation nor any of its contents may be reproduced or used for any other purpose without the prior written consent of Melbana Energy.

**No Distribution in the US:** This presentation is not an offer of securities for sale in the United States. Any securities to be issued by Melbana Energy have not been and will not be registered under the US Securities Act of 1933, as amended (the "US Securities Act") and may not be offered or sold in the United States absent registration or an exemption from registration under the US Securities Act. No public offer of the securities is being made in the United States and the information contained herein does not constitute an offer of securities for sale in the United States. This presentation is not for distribution directly or indirectly in or into the United States or to US persons.

**Monetary values:** Unless otherwise stated, all dollar values are in Australian dollars (A\$). The information in this presentation remains subject to change without notice.

**No distribution:** Distribution of this presentation may be restricted by law. Persons who come into possession of this presentation should seek advice on and observe any such restrictions. Any failure to comply with such restrictions may constitute a violation of applicable securities laws.

**Contingent and Prospective Resources:** Unless otherwise specified, the information that relates to Contingent Resources and Prospective Resources for Melbana is based on, and fairly represents, information and supporting documentation compiled by Mr. Peter Stickland, who is a director of the company and has more than 30 years of relevant experience. Mr. Stickland is a member of the European Association of Geoscientists & Engineers and the Petroleum and Exploration Society of Australia. Mr. Stickland consents to the publication of the resource assessments contained herein. The Contingent Resource and Prospective Resource estimates are consistent with the definitions of hydrocarbon resources that appear in the ASX Listing Rules.

**Prospective and Contingent Resources Cautionary Statement (PCRCS):** 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. Future exploration appraisal and evaluation is required to determine the existence of a significant quantity of potentially moveable hydrocarbons.

## AGENDA

1. Operations Review

2. Forward Plan

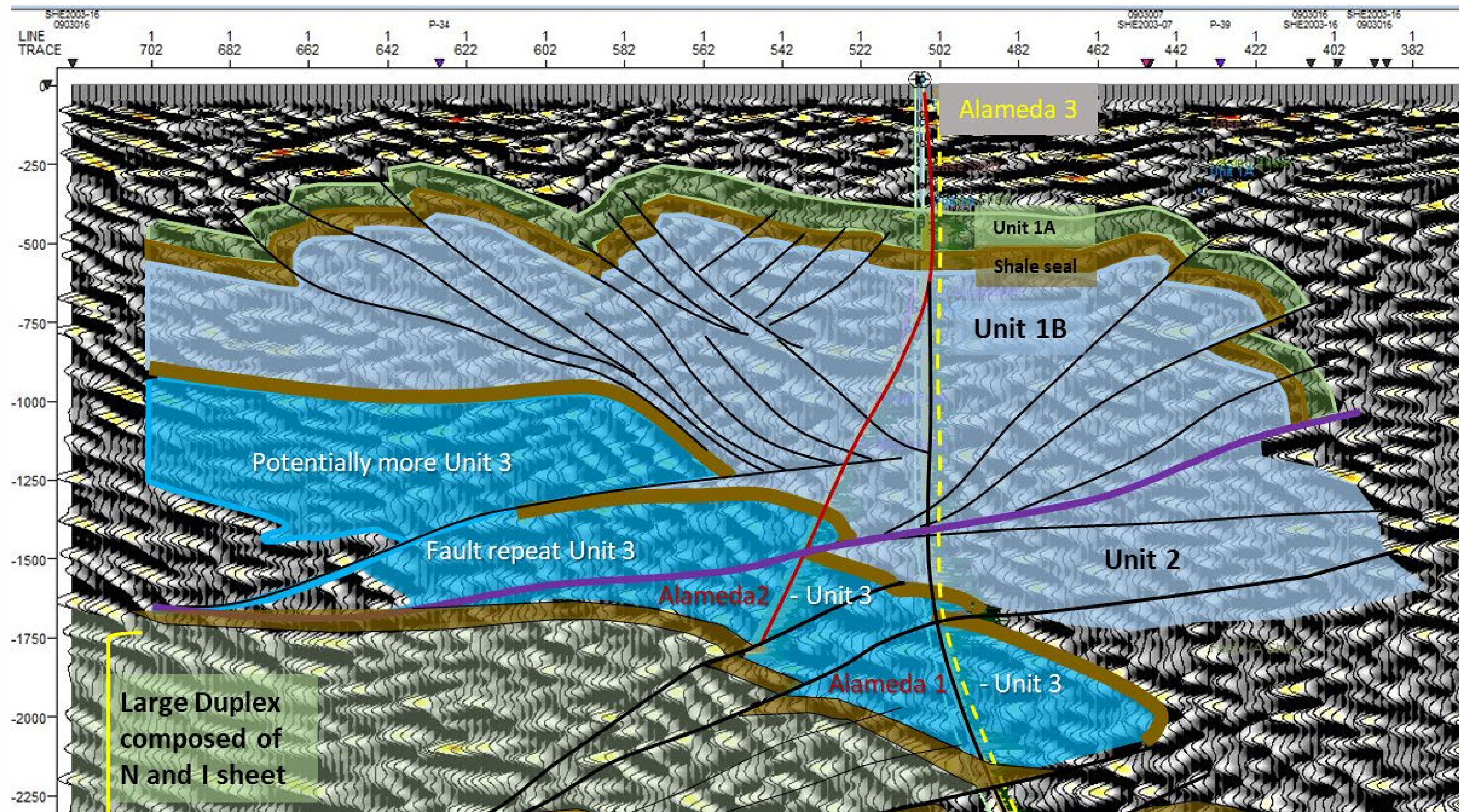
3. Q&A



# Operations Review



# ALAMEDA-2 APPRAISAL WELL



## FY2024 REPORT CARD

### ALAMEDA-2 APPRAISAL WELL

- Safely reached target total depth ✓
- No complications ✓
- On time and on budget ✓
- Four units tested (1A, 1B, 2 and 3) ✓

## Results



- Unit 1B ✓
  - Peak flow of 1900 BOPD
  - 19° API relatively sweet oil
- Units 1A and 3 ✓
  - Proved moveable oil
- Tested export logistics ✓

## Production



- Unit 1B<sup>1,2</sup> ✓
  - Contingent Resource 48 mmbbl<sup>3</sup>
  - Prospective Resource 90 mmbbl<sup>3</sup>
- Unit 1A<sup>1,2</sup> ✓
  - ✓ Prospective Resource 32 mmbbl<sup>4</sup>

## Resources



**Maiden Contingent Resource of 48mmbbl achieved  
38% increase in Amistad Prospective Resources**

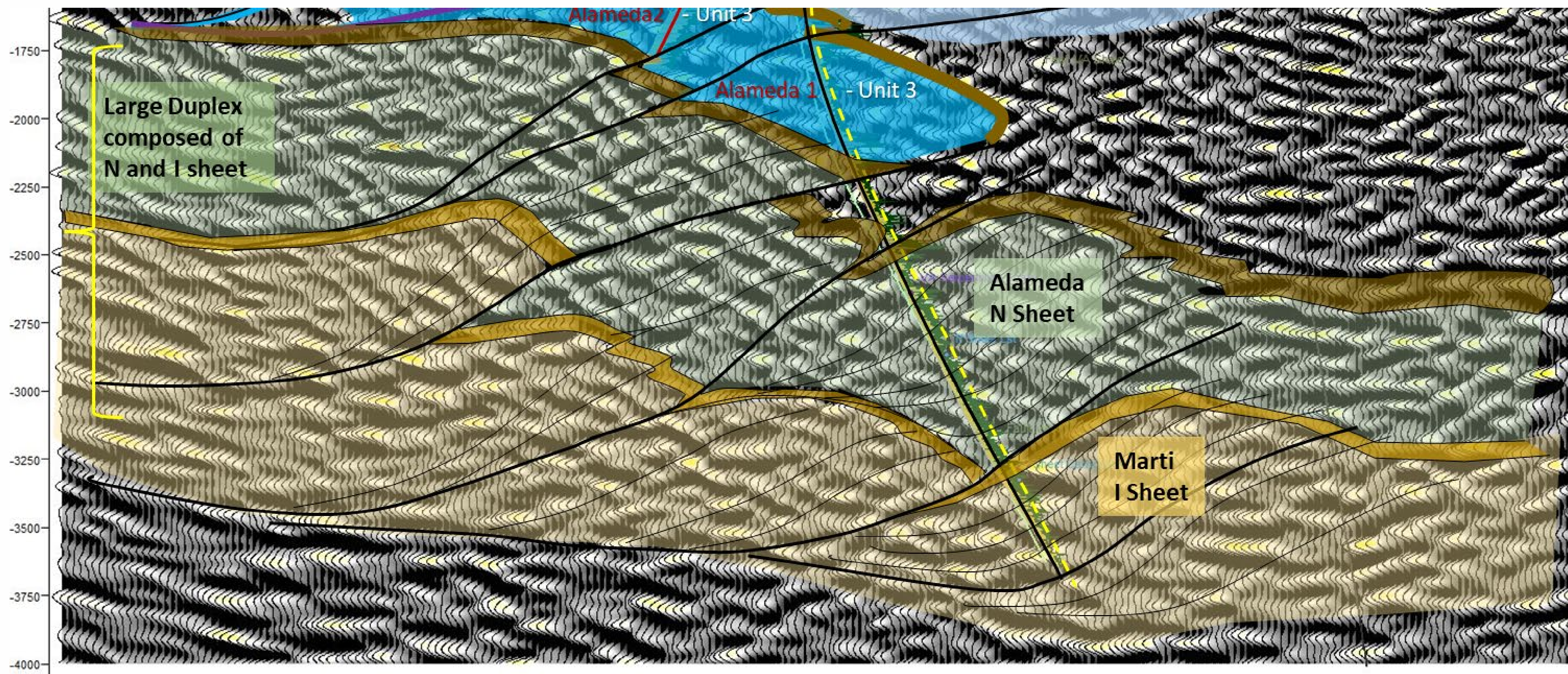
<sup>1</sup>see PCRCs on page 2

<sup>2</sup>Gross P50 estimates

<sup>3</sup>see announcement on 25 March 2024





<sup>4</sup>see announcement on 11 July 2024

# ALAMEDA-3 APPRAISAL WELL



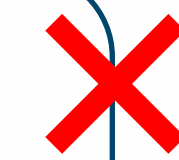

## FY2024 REPORT CARD

### ALAMEDA-3 APPRAISAL WELL

- Safely reached target total depth 
- Not without complications 
- In excess of time and budget 
- Two sheets tested (Alameda and Marti) 



## Results



- No flow tests successfully undertaken 
- Reconfirmed presence of oil in deepest structure 

## Production



- No immediate contribution to daily production 
- No immediate upgrade or increase in resource estimates 

## Resources



**Disappointing outcome but lessons learned and well suspended pending outcome of investigations**



## FY2024 REPORT CARD

### FIELD DEVELOPMENT PREPARATIONS

- Storage tank allocation at terminal ✓
- Staged logistics planning concepts ✓
- Permitting for additional drill pads ✓
- Unit 1B development plan ✓

Planning



- Permission to export 100% of joint venture oil entitlement received ✓
- Joint oil marketing ✓
- International marketing of oil ✓

Offtake



- Farmout process underway ✓
- Offtake/financing discussions with oil traders ✓
- National Oil Company as existing partner (70% working interest) ✓

Financing



Preparations advanced for trial export of initial cargo

## REVIEW OF ALAMEDA-3

### WHAT HAPPENED?

- ▶ Side track required 2908mMD due to hole stability issues
- ▶ Tool got stuck in hole causing delays
- ▶ Despite these setbacks, successfully reached TD
- ▶ High quality logs and cores acquired in both reservoirs and suggestive of good permeability and flow potential
- ▶ Failure to instigate flow from either reservoir despite high pressures and previously having demonstrated presence of oil in those locations

### LEARNINGS?

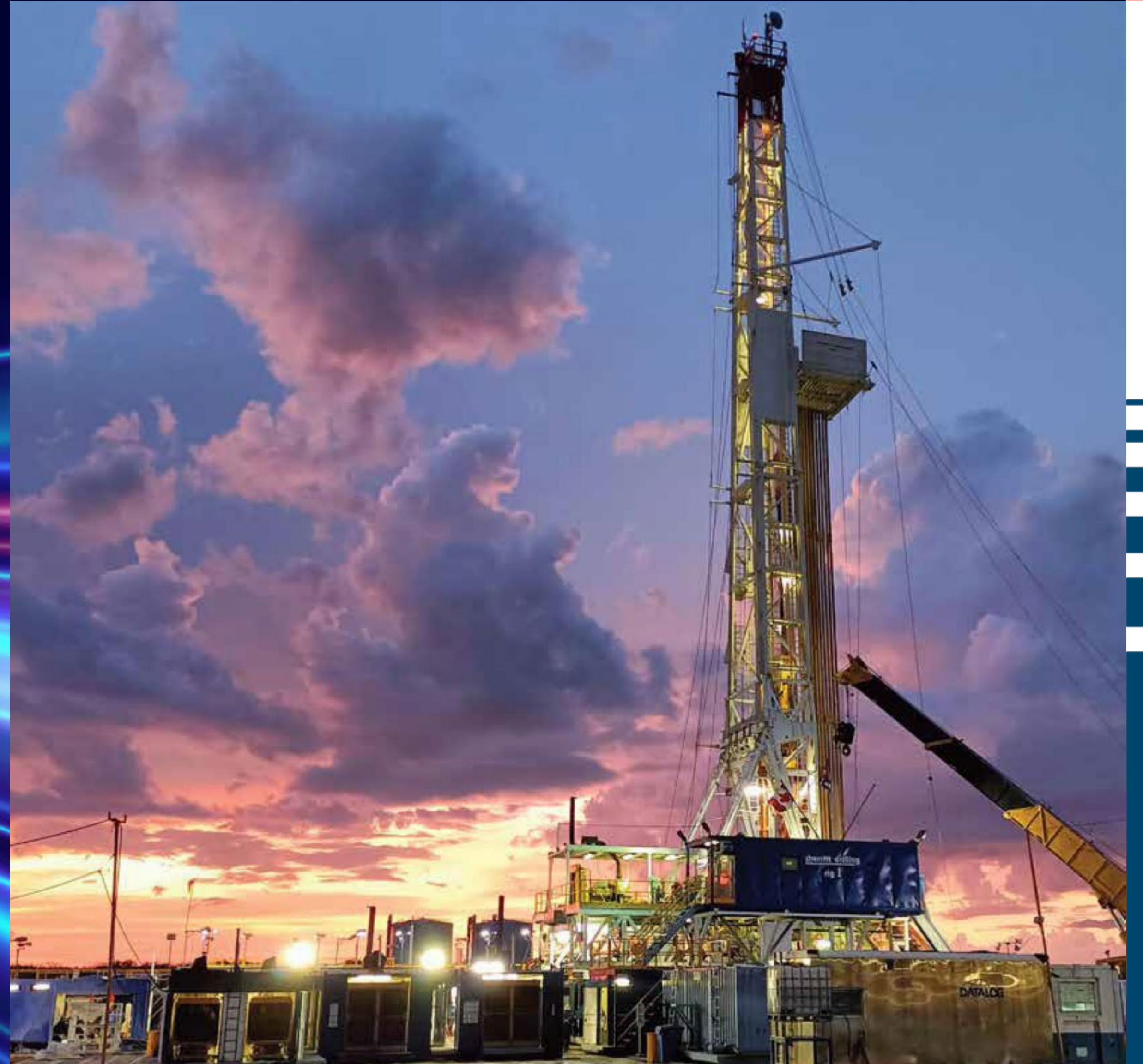
- ▶ Possible consequences of location of casing setting
- ▶ Well design trade offs
- ▶ Management of carbonate reservoirs

### WHAT'S NEXT?

- ▶ Review of well design and operational data
- ▶ Consult Cuban and international experts on well execution and reservoir management
- ▶ Consider advice, formulate and action the plan



# Forward Plan



## UNIT 1B FIELD DEVELOPMENT PROGRAM

### SHORT TERM

- ▶ Recommence production from Unit 1B
- ▶ Complete export of first cargo of oil to analyse performance of logistics, storage and commercial arrangements
- ▶ Progressively construct offset well pads
- ▶ Starting drilling new Unit 1B production wells

### GOALS OF PHASED DEVELOPMENT PROGRAM

- ▶ Drill 7 new production wells in Unit 1B before the end of 2025 to drain 1C (high confidence) Contingent Resource (16 mmbbl<sup>1,2,3</sup>)
- ▶ Continue drilling new Unit 1B production wells post 3D seismic acquisition to drain 2C (medium confidence) Contingent Resource (48 mmbbl<sup>1,2,3</sup>)

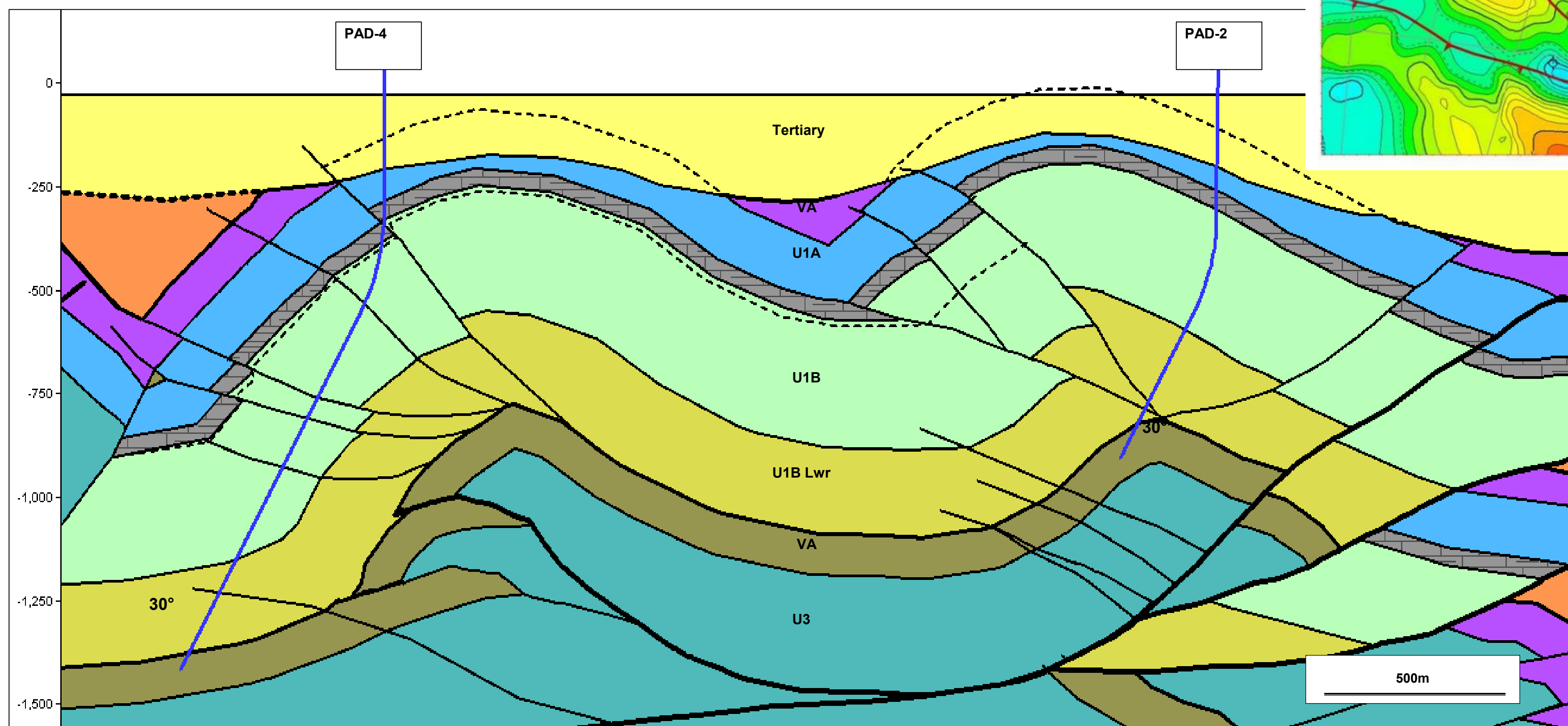
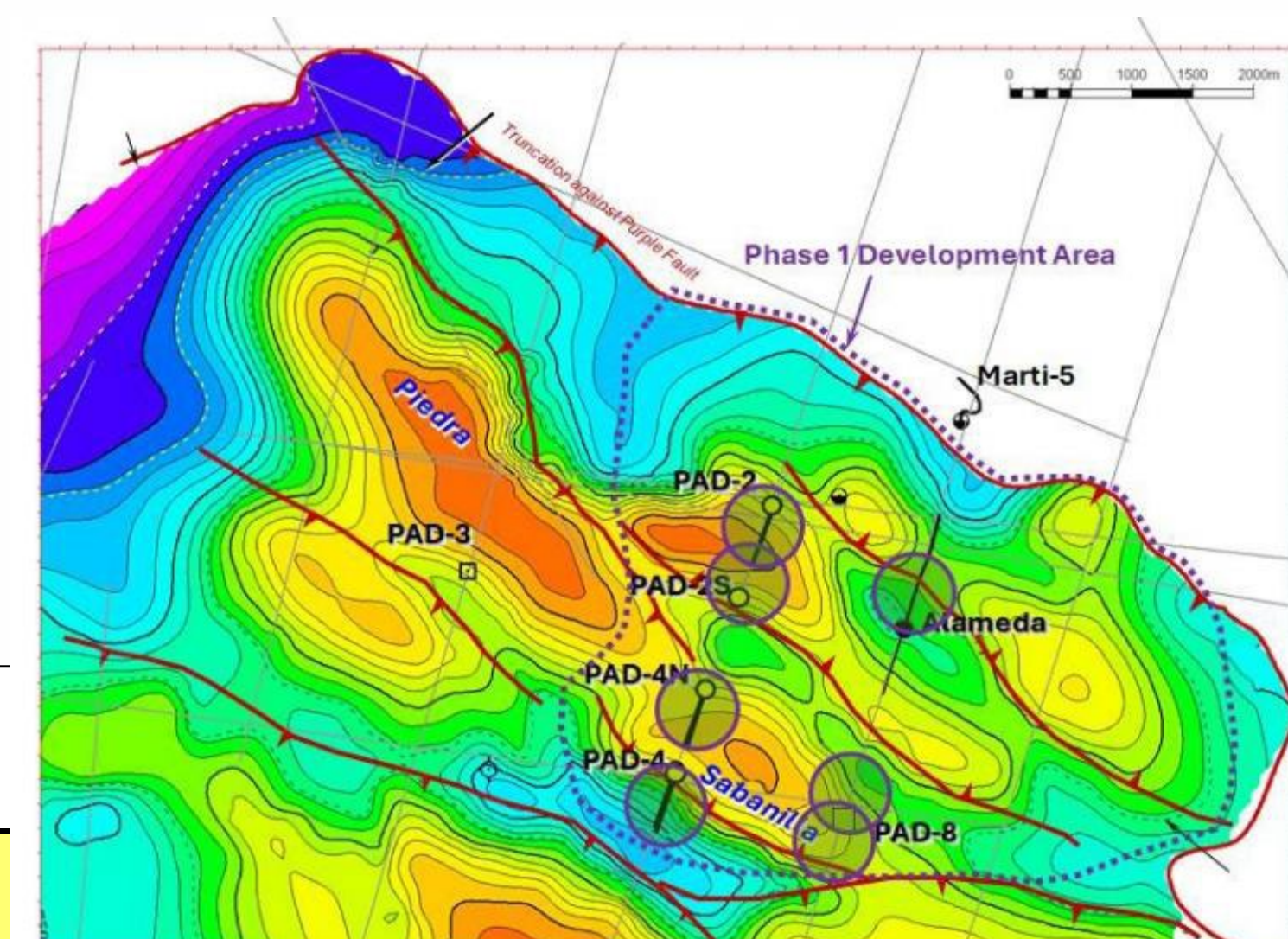
### LONGER TERM

- ▶ Drill development targets defined by 3D seismic acquired over area selected for initial commercialisation
- ▶ Review development plan for Alameda and Marti reservoirs incorporating findings of studies
- ▶ Further field development and exploration funded from oil revenues



## PHASE 1 - UNIT 1B DEVELOPMENT WELLS

- ▶ Pads 2 and 4 are on an adjacent seismic line to Amistad-1 in an up-dip location
- ▶ Follow up locations at Pad-4N, Pad-2S, Pad-8 and north of Amistad-1
- ▶ Shallow, simple wells designed to produce from entire extensive net pay interval

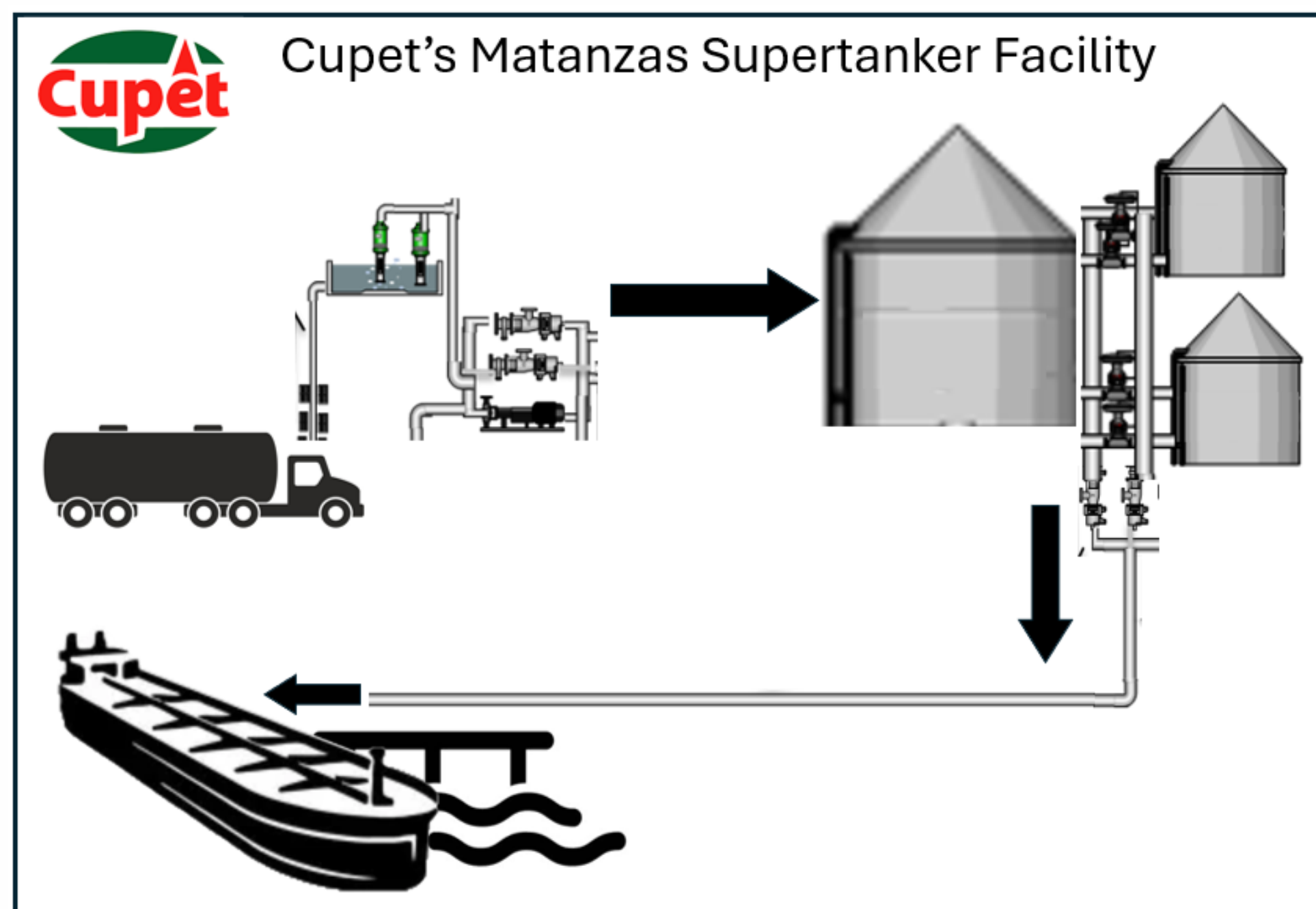


# PHASE 1 - POTENTIAL EXPORT ROUTE

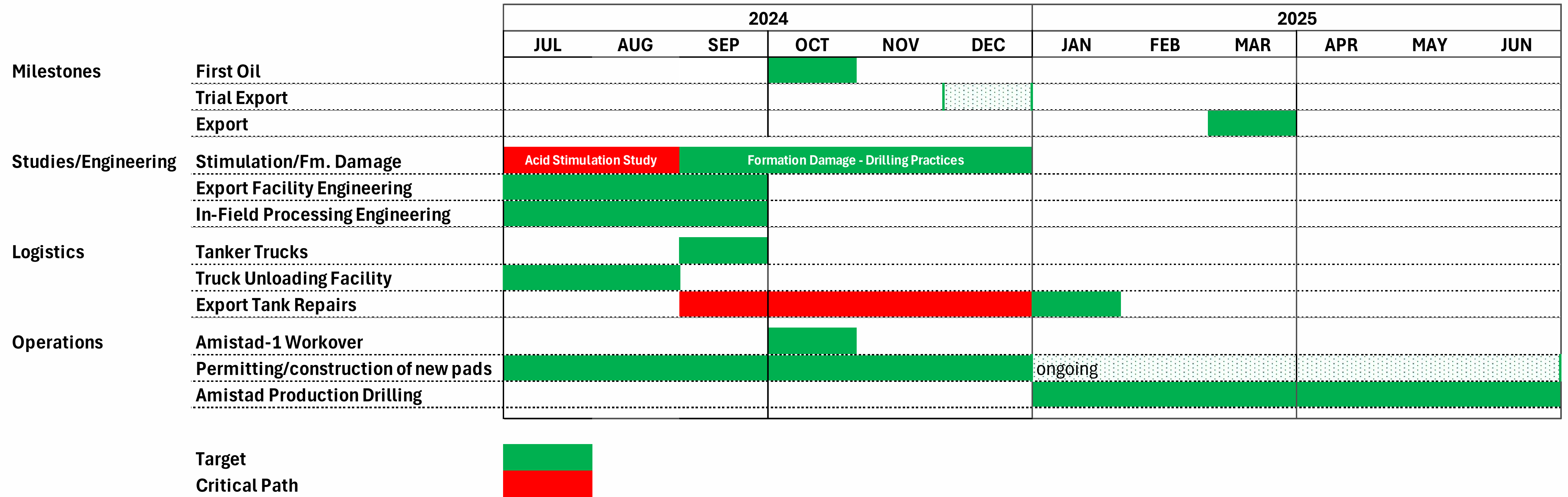


## PHASE 1: MATANZAS SUPERTANKER FACILITY TO EXPORT VESSEL

- ▶ Trucks can unload into receiving pits
- ▶ Melbana Block 9 crude can be stored in dedicated tanks
- ▶ Negotiating access to total storage of 250,000bbl for optimal parcel size economics
- ▶ At 5,000 bbl/d production rate initial export frequency would be every other month

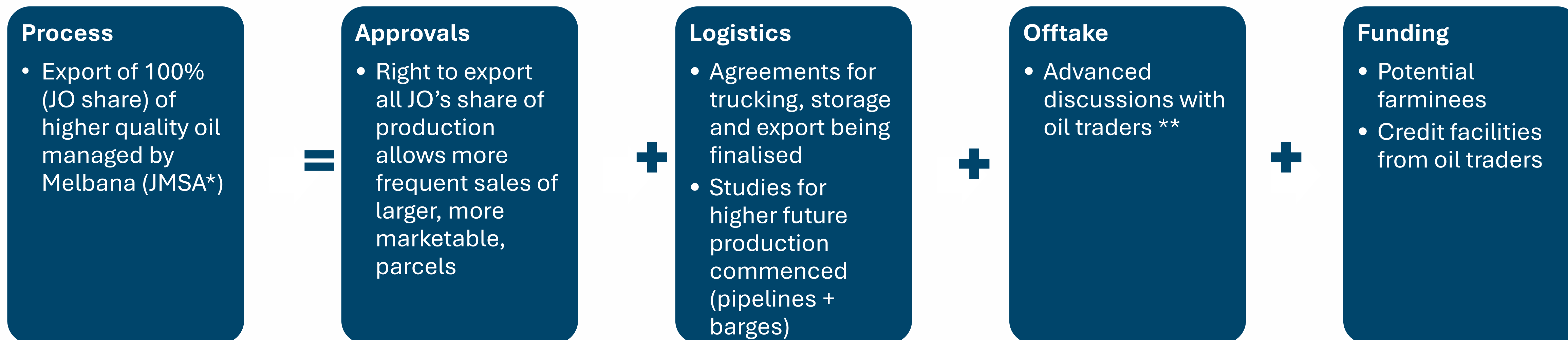


# PHASE 1: PATHWAY TO FIRST OIL FROM CUBA





## PHASE 1: FIELD DEVELOPMENT AND COMMERCIALISATION UPDATE



\* Joint Marketing and Sales Agreement between Block 9 Investors and CUPET

\*\* International oil sales agreement with buyer will include price formula, quality, custody transfer process, named fields, nominations and lifting schedule etc.

### STATUS

- ▶ Working with Block 9 Investors to export 100% of Block 9 oil via Joint Marketing and Sales Agreement
- ▶ Permission to export 100% of joint venture oil entitlement received
- ▶ Working with engineering service providers to finalize transportation, storage, and export process logistics
- ▶ Advanced discussions with oil traders re. offtake options linked to international benchmark prices
- ▶ Advanced discussions with potential farminees and oil traders re. funding of development programme



# Q&A

