

# INTERIM RESULTS 2023



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## Introduction

## Jann Brown

Chief Executive Officer

## STEADY PROGRESS







Pharos has robust cash flows



**Substantial upside** in near term developments



Exploration **potential** 



#### **OPERATIONS**



#### **Vietnam**

CNV well successful

#### **Egypt**

- Discovery on first NBS exploration well
- Discovery on El Fayum exploration well

#### **HSE**

No LTIs



#### **CORPORATE**



- Group revenue \$86.2m
- Carry continues in Egypt
- Buyback continues
- 2022 final dividend paid
- Net Zero roadmap on track



#### **FUTURE VALUE**



#### **Block 125**

- Licence extended for 2 years
- CPR published

#### **TGT & CNV**

- RFDPs progressing
- Licence extensions with government for approval

#### **Egypt**

NBS, ARF, El Fayum deep prospects



## Finance Review

## Sue Rivett

Chief Financial Officer

### HALF YEAR METRICS

#### Revenue (1)

1H 2023

Brent Price = \$78.32/bbl

\$86.2m

Vietnam \$77.6m

Egypt \$8.6m

Revenue down Brent price down down

1H 2022

Brent Price = \$107.19/bbl

\$129.6m

 Vietnam
 \$103.8m

 Egypt
 \$25.8m



#### **Egyptian Receivables**

Jun 2023

\$30.9m

Dec 2022: \$24.2m





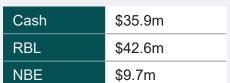
Down

43%

**Net Debt** 

Jun 2023

\$16.4m



Dec 2022

\$28.9m

Cash	\$45.3m
RBL	\$65.0m
NBE	\$9.2m



#### **Debt**

#### RBL (Vietnam assets only)

- \$57.3m facility 30 Jun 2023
- \$42.6m drawn
- 6 monthly amortisation to July 2025

#### NBE

- \$18.0m facility
- \$9.7m drawn
- Renewed to 31 May 2024



#### **Shareholder Returns**

- \$3.0m share buyback programme ongoing, \$0.8m spent in 1H 2023
- Payment of final 2022 dividend of 1 pence per share in Jul 2023



#### **NBV of PP&E & E&E Assets**

June 2023

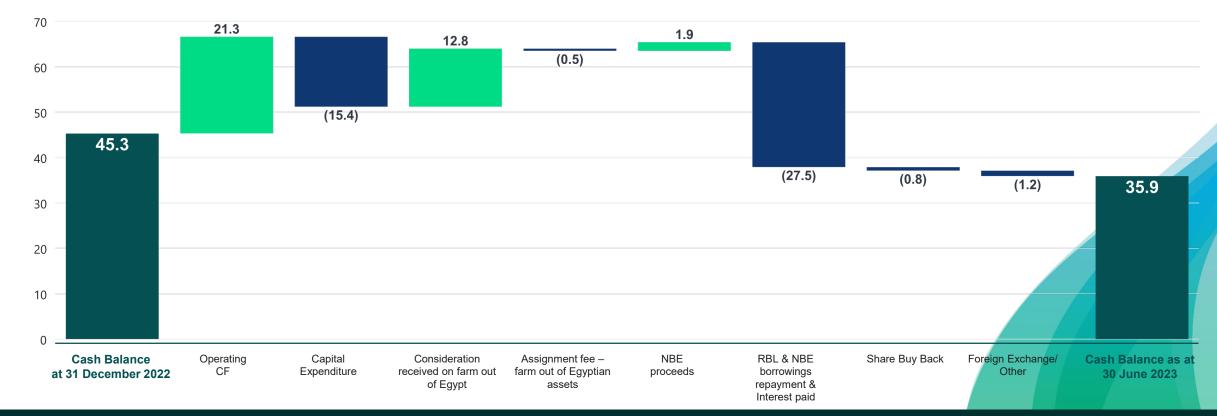


December 2022 \$398.3m

Vietnam: **\$306.8m** (Dec 2022: \$332.5m)

Egypt: **\$63.4m** (Dec 2022: \$65.8m)

## **CASH FLOW**

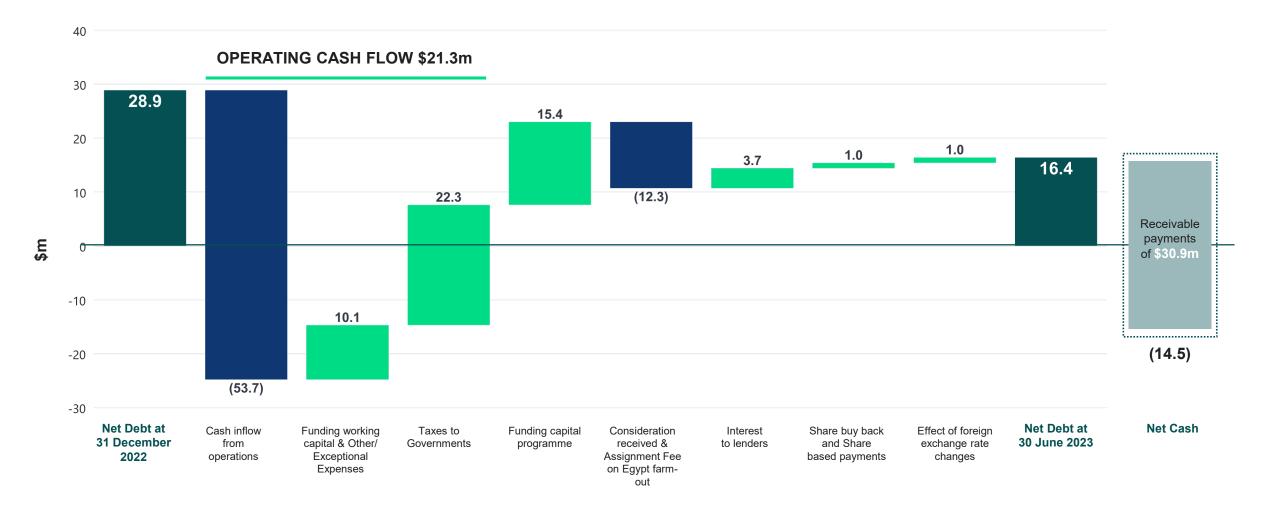


### TOTAL CAPITAL EXPENDITURE \$15.4m

VIETNAM		\$8.3m
тст	Rig demobilisation & work over costs + abandonment	\$3.2m
CNV	Completion of lateral well + abandonment	\$3.1m
Block 125	Seismic interpretation + operating office	\$2.0m

EGYPT		\$7.1m
El Fayum	waterflood and drilling programme	\$4.4m
Exploration		\$2.7m

## NET DEBT IN FOCUS



## HEDGING STRATEGIC OBJECTIVES



**Protect RBL Covenants** 

35% of Vietnam RBL production volumes

**Protect revenues** 

in low commodity price testing

Preserve upside exposure

where possible

Layering in protection

to down side

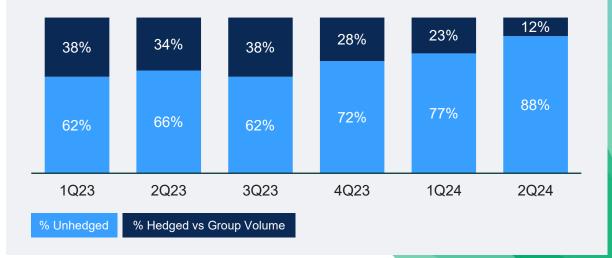
Zero Cost Collars	1Q23	2Q23	3Q23	4Q23	1Q24	2Q24
Average Floor Price (\$/bbl)	65.3	65.3	63.3	64.0	63.0	63.0
Average Ceiling Price (\$/bbl)	102.9	102.9	102.2	93.7	91.5	91.0

#### Quarterly Hedged Volume % as group entitlement volume

& average strike prices (ceiling & floor)



Hedged & Unhedged % by HY 2023



## **EGYPT**

#### **Carry & Contingent**

Contingent consideration up to



\$15m

(\$62-\$90.5/bbl)

over 3 years (2023-25)

Received \$5m in June 2023

Carry over G&A, Opex & Capex as of 1 Jan 2023

Carry expected to be fully utilised

\$20.5m

YE 2023





Jun 2023 **\$30.9m** 

Dec 2022: \$24.2m



- USD receivable
- \$1.9m received during 2023
- EGP continuing devaluation, though FX reserves are stable
- IMF loan of \$3bn announced at the end of 2022, further drawdown anticipated Q4 2024
- Government structural reforms, privatisation of state-owned entities, \$1.9bn to date

## 2023 KEY CONSIDERATIONS



#### Group

- Strengthened balance sheet
- Improved liquidity
- Strong cash flow generation
- Reduced overheads & Board costs
  - G&A c.\$9.5m



#### **Capital Allocation**

- Returns to shareholders
  - Share buyback \$3m
  - 2022 Full year dividends \$5.6m
- Debt repayments \$35.1m
- Capital programme \$13.2m post carry



#### Vietnam

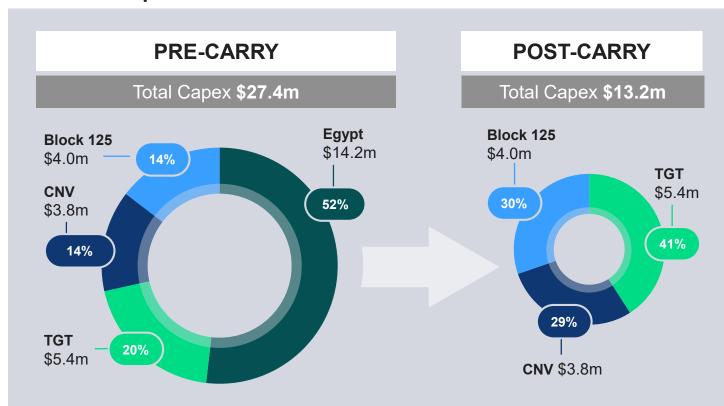
- Robust revenues with strong USD inflows
- Low break-even
- High premiums to Brent



#### **Egypt**

- Debtor & revenue inflow timing uncertain
- Contingent receipt \$5m in Jun 23 from IPR
- Full JV carry to YE 23

#### 2023 Cash Capex



#### **Vietnam**

- TGT– No firm wells in 2023
- CNV well continues from 2022
- Block 125 3D seismic interpretation

#### **Egypt**

- El-Fayum 5 development wells and 1 exploration well in 2023
- NBS 2 exploration wells in 2023



## Operational Review

## Mohamed Sayed

Group Head of Technical, General Manager – Middle East



## Egypt



## **Egypt**

#### **Egypt Production**

1H 2023 Production net

1,349 bopd

#### Egypt 2023 net production guidance

January 2023

1,350 - 1,800 bopd

September 2023

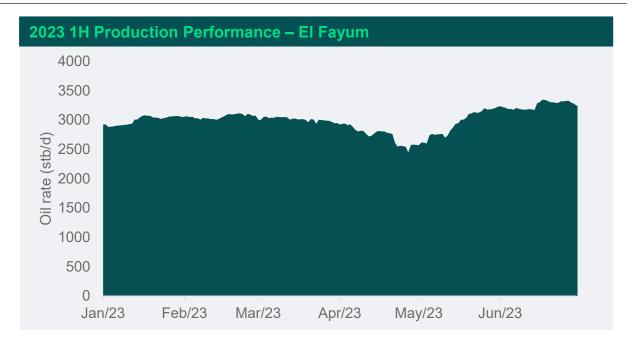
1,350 - 1,450 bopd

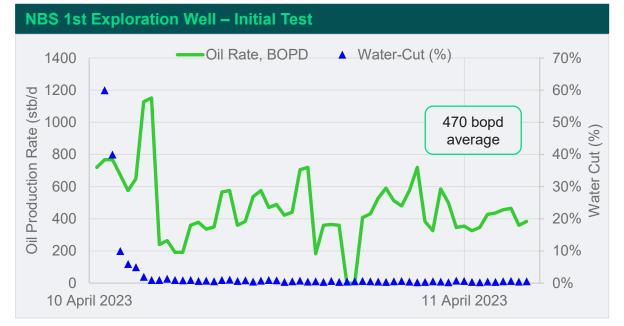
#### **El Fayum Activities**

- Measured approach for investment utilising the same rig between NBS and El Fayum
- Five wells drilled in 1H 2023, 2 producers, 1 injector, 1 T&A and one exploration well
- Three new water injection projects have been completed in 1H and focus on recompletions

#### **NBS Activities**

- First exploration commitment well declared commercial discovery with avg. rate of 470 bopd. FDP submitted to EGPC
- 3D seismic acquisition is completed

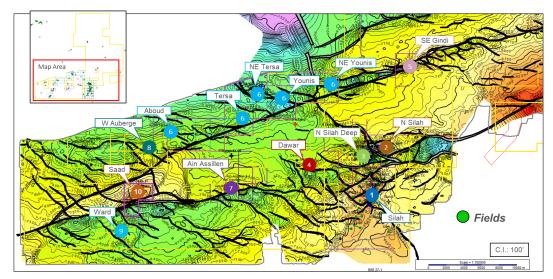




## Egypt – 2H Activities

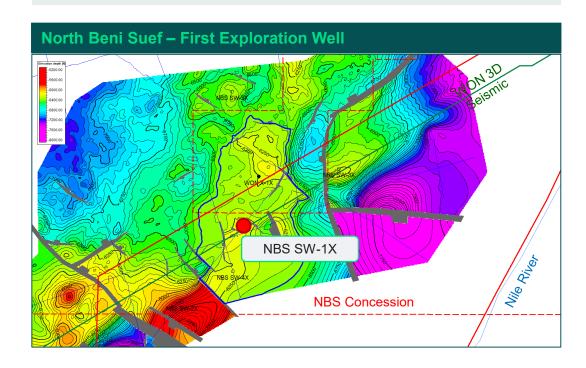
#### El Fayum

- Preparing for 2024 drilling campaign, delineating the producing reservoirs
- ✓ Focus on water injection projects and recompletions
- ✓ Add value through exploration drilling



#### North Beni Suef

- ✓ EGPC agreed NBS Development Plan with large development lease, focus on accelerating production to 4Q.
- ✓ 2<sup>nd</sup> commitment well is planned to start in 4Q
- ✓ 3D seismic processing and interpretation





## Vietnam



### Vietnam

#### **TGT & CNV Production**

1H 2023 Production net

5,566 boepd

2023 Vietnam Production guidance

• January 2023 4,700 – 5,700 boepd

• September 2023 5,000 - 5,300 boepd

#### TGT field

1H 2023 Production net

3,983 boepd

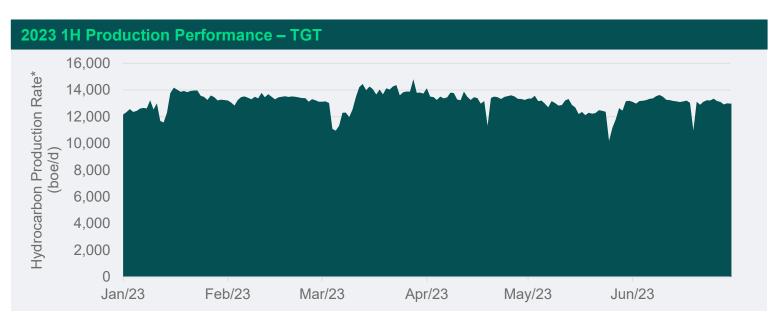
- Stable production with no new wells drilled
- Operations focused on well intervention programme and FPSO optimisation to maintain production

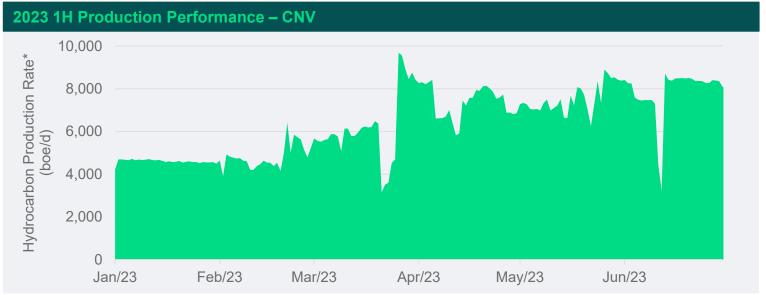
#### **CNV** field

1H 2023 Production net

1,583 boepd

 Strong performance from 2PST1 new lateral





\*boe calculated using daily oil production and export gas

## Vietnam – 2H Activities

#### **TGT**

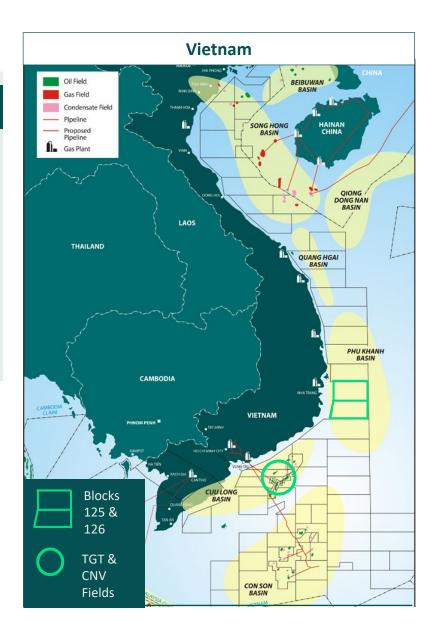
- Continue progressing well activities and well planning for 2024 drilling campaign
- Receive final approval for RFDP submitted to government
- Request for licence extension out to 2031 finalised between partners and submitted for government approval

#### **CNV**

- ✓ Fully assess the potential of 2PST1 new well and when to open the original wellbore
- Update RFDP incorporating the learnings from 2PST1 and submit for approval
- Request for licence extension out to 2032 finalised between partners and submitted for government approval

#### Blocks 125 and 126

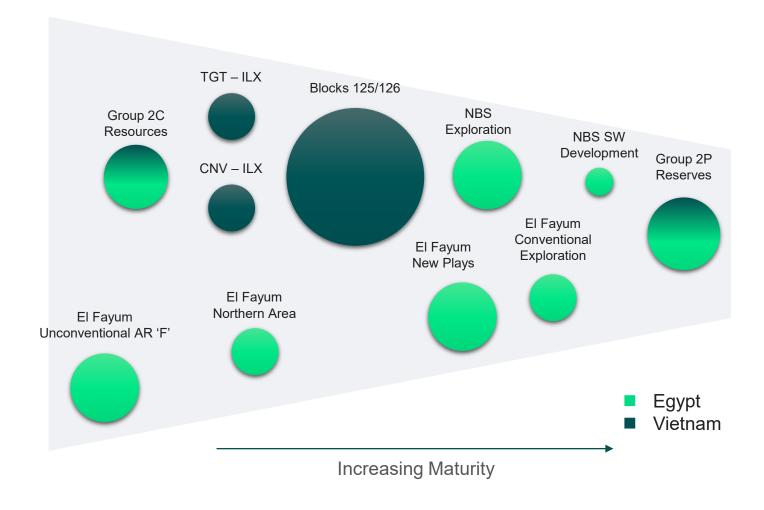
- Progress well planning for first exploration well
- ✓ Continue engagement with potential farm-in partners
- Mature Leads to Prospects



## <sub>1</sub>19

## Value Growth

- NBS Exploration Success
- El Fayum Exploration Success
- Stable Production across our assets
- Strong New Wells Performance
- New Vietnam RFDPs
- Vietnam Licences Extensions
- Transformational Upside in Blocks 125/126
- ILX Exploration Upside in all our assets
- Upside in Unconventional



13 September 2023

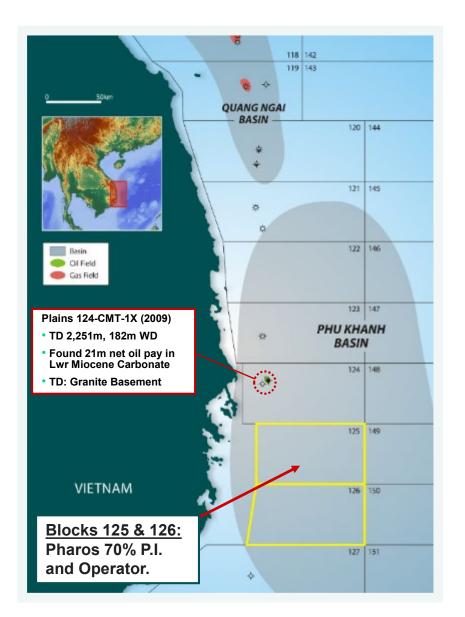


## Blocks 125/126

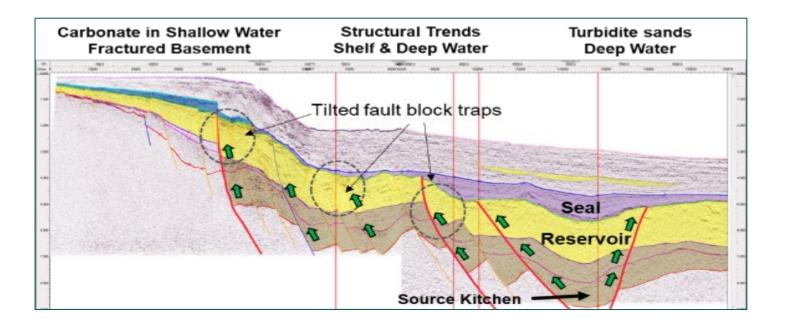
## Vincent Duignan

Group Exploration Manager & General Manager - South East Asia

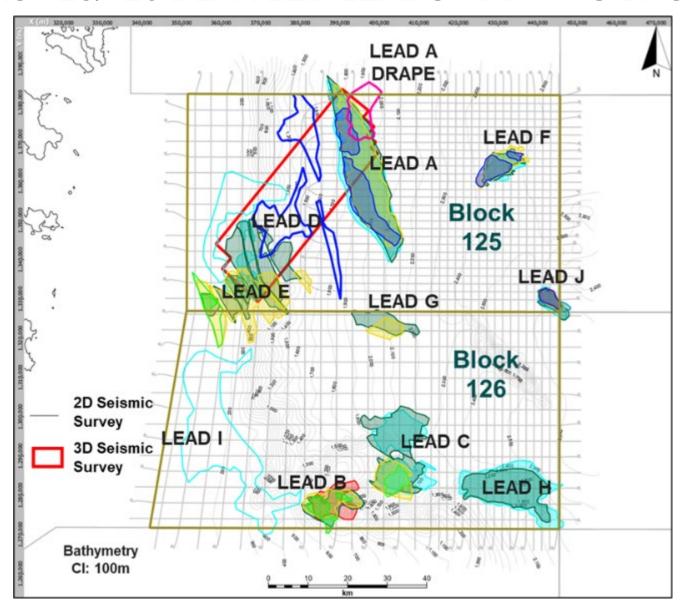
### PHU KHANH BASIN - THE LAST REMAINING FRONTIER IN VIETNAM



- Geological observations indicate:
  - demonstrated source, generation and migration of oil in this basin;
     Tertiary & Basement reservoirs
- Oil discovery in Block 124:
  - confirms oil system in the basin
- Multiple structural and stratigraphic Prospects and Leads observed on the 2D and 3D seismic data

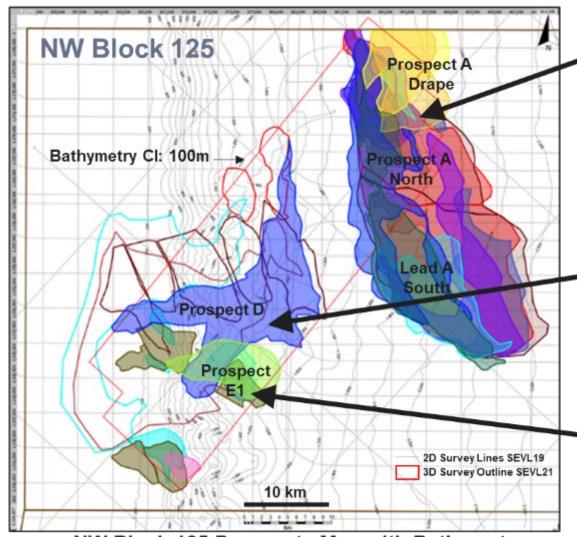


### BLOCKS 125/126 DETAILED LEADS MAPPING BASED ON 2D SEISMIC DATA



#### **Structural Closures:** Magenta Hz. (~Top Pliocene) Reservoir **Sequences** Dk. Cyan (~Top Upper Miocene) Blue Hz. (Middle Miocene Unconformity) **S3** Green Hz. (~Lower Miocene) **S4** Yellow (L. Miocene-Oligocene (?)) **S5** Dk. Green Hz. (Intra Oligo. #2) **S6** Cyan Hz. (Intra Oligocene #3) **S7 Stratigraphic Closures:** Blue Hz. (MMU-Top Carbonate) Cyan Hz. (Intra Oligocene #3) Positive Bright Amplitude Anomaly Outlines: Upper Miocene Clastic Middle Miocene Clastic

### BLOCK 125 POTENTIAL WELL CANDIDATES BASED ON 3D SEISMIC DATA



**NW Block 125 Prospects Map with Bathymetry** 

#### Well on Prospect A North and Prospect A Drape:

Water Depth 1,900 m; Well Total Depth 6,500 m TVDSS. This Well would test Middle Miocene, Lower Miocene and Oligocene clastics in a structural play at 5 separate reservoir levels. This well would also test an Upper Miocene amplitude anomaly.

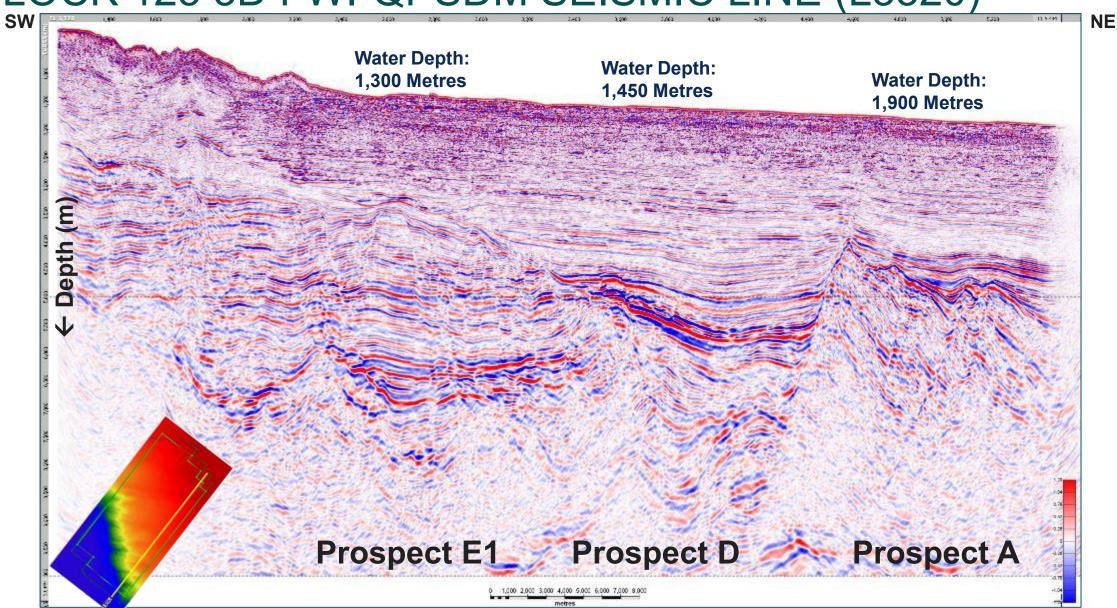
#### Well on Prospect D:

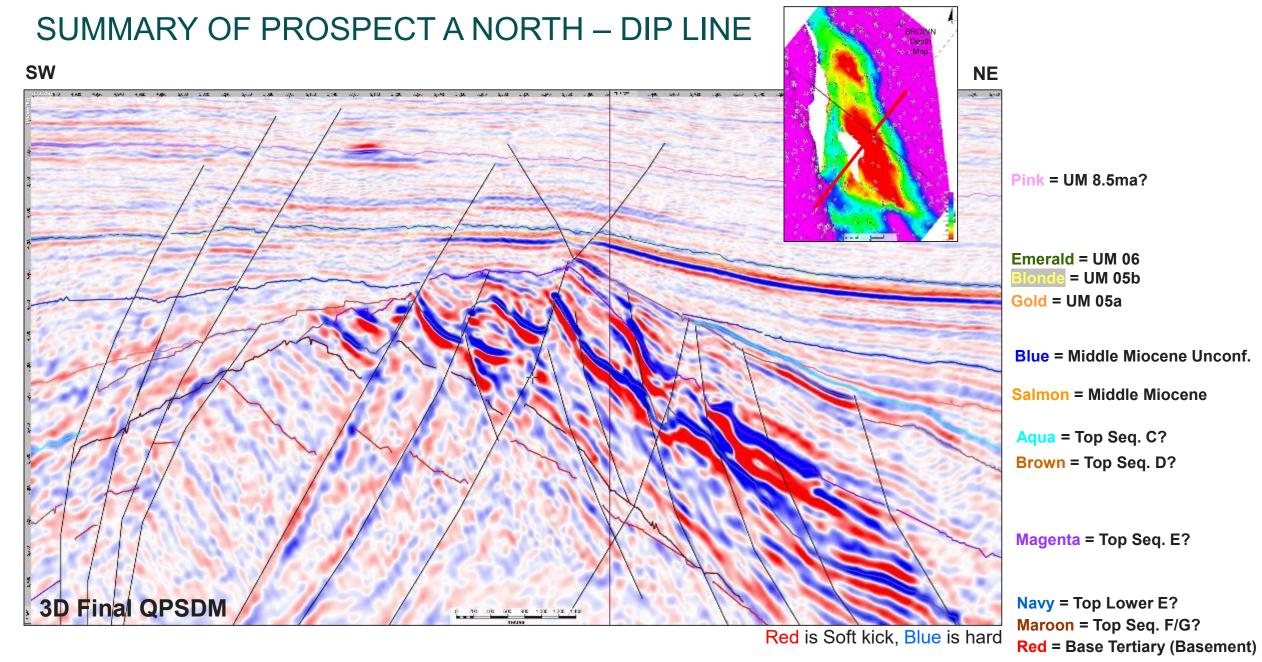
Water Depth 1,450 m; Well Total Depth 5,000 m TVDSS. This Well would test Lower Miocene and Oligocene clastics in a pinch-out play at 3 separate reservoir levels.

#### Well on Prospect E1:

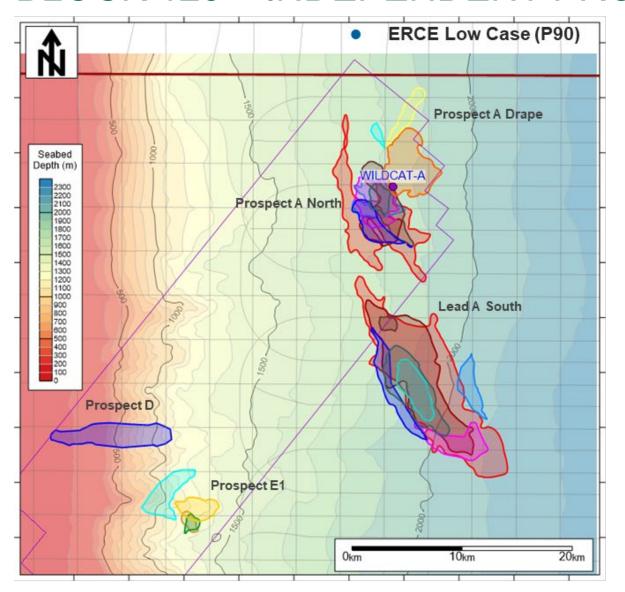
Water Depth 1,300 m; Well Total Depth 4,500 m TVDSS. This Well would test Lower Miocene and Oligocene clastics in a Fault Trap play at 3 separate reservoir levels.

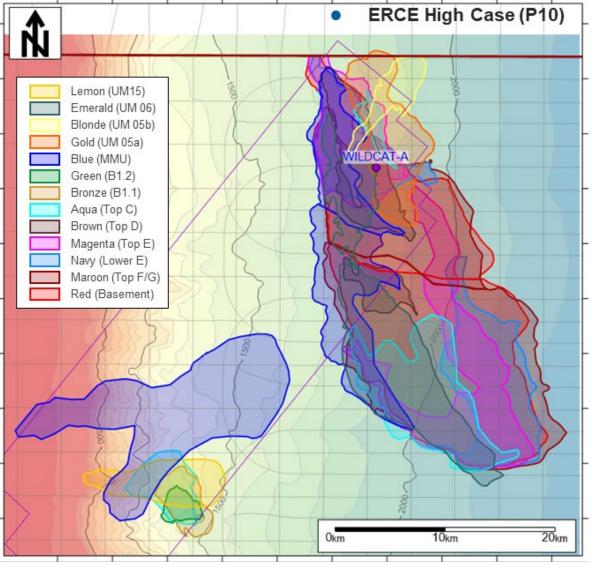
## BLOCK 125 3D FWI-QPSDM SEISMIC LINE (L3320)





### BLOCK 125 - INDEPENDENT PROSPECT MAPPING BY ERCE





Contour Interval (C.I.): 100 m

## BLOCK 125 – ERCE STOIIP ASSESSMENT OF PROSPECTS

Prospect A (Drape and North)

Prospect A (Drape and North)					
Prospect Name	STOIIP (MMstb)				
1 Tospect Name	P90	P50	P10	Mean	
Prospect A Drape UM 06	5	19	73	33	
Prospect A Drape UM 05b	39	108	307	150	
Prospect A Drape UM 05a	178	403	911	492	
Prospect A North MMU	17	89	450	201	
Prospect A North Top C	5	17	59	27	
Prospect A North Top D	84	321	1,193	543	
Prospect A North Top E	221	962	4,414	1,914	
Prospect A North Lower E	196	818	3,363	1,488	
Prospect A North Top F/G	147	1,504	15,684	6,983	
Prospect A North Basement	279	1,226	5,404	2,359	
Total	1,171	5,467	31,858	14,190	

#### Lead A South

Prospect Name	STOIIP (MMstb)				
riospect Maine	P90	P50	P10	Mean	
Lead A South UM06	119	489	1,961	874	
Lead A South MMU	26	169	962	418	
Lead A South Top C	87	398	1,746	757	
Lead A South Top D	11	59	290	126	
Lead A South Top E	144	635	2,760	1,198	
Lead A South Lower E	76	381	1,947	837	
Lead A South Top F/G	2,146	9,759	42,811	18,863	
Lead A South Basement	726	2,687	9,945	4,436	
Total	3,335	14,577	62,422	27,509	

#### Probabilistic Volumetrics Assessment

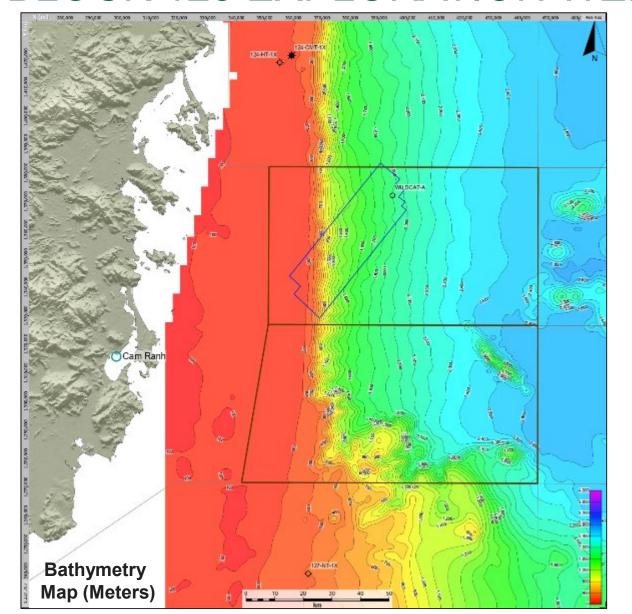
#### **Prospect D**

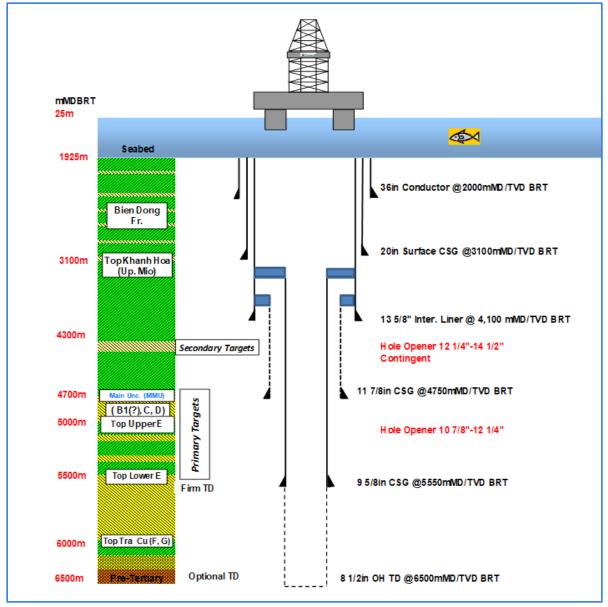
Prospect Name	STOIIP (MMstb)				
	P90	P50	P10	Mean	
Prospect D Middle Miocene	528	2,568	12,761	5,505	

#### Prospect E1

Prospect Name	STOIIP (MMstb)				
	P90	P50	P10	Mean	
Prospect E1 UM15	22	73	253	118	
Prospect E1 B1.2	3	16	74	33	
Prospect E1 B1.1	51	277	1,457	662	
Prospect E1 Top C	30	98	299	143	
Total	106	464	2,083	956	

## **BLOCK 125 EXPLORATION WELL PLANNING**

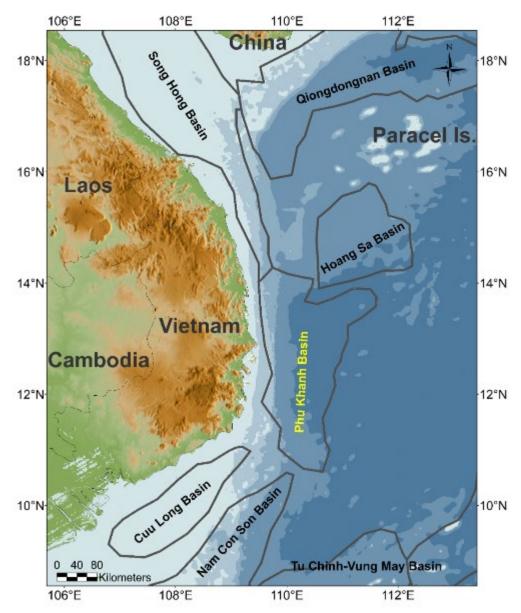




PHAROS | Pharos Energy – 2023 Interim Results

## 13 September 2023 / 29

## PHU KHANH BASIN SUMMARY AND CONCLUSIONS



- A New Frontier Area.
- Shallow to Deep Water Basin (water depth 50m-2,500m).
- Undrilled in the main basin area, but a few wells on the shelf area show promising results.
- Sediment thickness up to 8km in the main basin depocenter with similar source rock package as Cuu Long Basin.
- Multiple Structural and Stratigraphic Play Types.
- By analogy with the Cuu Long Basin and other Sunda basins, the Phu Khanh Basin has the potential for Billion Barrel Hydrocarbon Fields.
- Independent assessment by ERCE confirms a range of gross unrisked prospective oil resources of between 1,178 MMstb (1U) and 29,785 MMstb (3U) with a Mean value of 13,328 MMstb.



## ESG

## Minh-Anh Nguyen

Senior IR & ESG Associate



## RESPONSIBILITY FRAMEWORK

#### Operating a sustainable business



#### **Environment**

**36** kg CO<sub>2</sub>e /bbl of oil equivalent of hydrocarbon produced by equity share in 1H 2023

**276** tonnes CO<sub>2</sub>e/1000 tonnes of hydrocarbon produced by equity share in 1H 2023



#### Society

c.\$200,000 community and charitable investments supporting 14 projects in Vietnam in 2022 (1)

\$500,000 invested in training levies to develop industry talent in Vietnam & Egypt



#### **Business**

**100%** El Fayum oil sold domestically in Egypt

**\$245.3m** tax & royalty payments to government in 2022 (2)



#### **Ethics**

100% employees and relevant contractors undertaken annual antibribery and corruption (ABC) training



#### People

O Lost Time Injury in Egypt & Vietnam<sup>(3)</sup>

11 nationalities across all assets

4/6 Board members are women

Carbon Disclosure Project



Carbon Disclosure Project (CDP)
Climate Change & Water Security questionnaire

Continued participation in the CDP Climate Change questionnaire and Water Security questionnaire in 2023.



Task Force on Climate-related Financial Disclosures

Continued work to align with TCFD's recommendations on Financial Disclosure

- (1) via HLHVJOC, estimated funding for all approved projects in 2023 | (2) Data as at YE 2022, of which \$140.7m was for indirect taxes based on production entitlement in Vietnam and \$28.8m indirect taxes based on production entitlement in Egypt..
- (3) Pharos' Vietnam assets have maintained a zero Lost Time Injury record since inception

## Update on Net Zero commitment



#### Business-as-usual projections

- GHG emission data review
- Engagement with asset teams to understand current context, restrictions and development plans
- Analysis of existing and planned GHG mitigation actions for assets
- Business-as-usual GHG emission scenarios and future projections developed



#### High-level GHG mitigation options

- Identification of GHG emissions reduction options
- Interactive workshops with technical teams to prioritise and rank GHG reduction technologies
- GHG reduction options assessments
- Indicative GHG mitigation trajectory



#### Net Zero roadmap

- Abatement options costed and accounted
- Interim Net Zero targets
- Feasibility studies for shortlisted emission reduction options

✓ COMPLETED

**COMPLETED** 

**IN PROGRESS** 

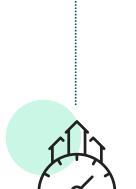


# Outlook Jann Brown

**Chief Executive Officer** 



## **OUTLOOK**



Steady progress across value chain



Robust

sustainable cash

flows in Vietnam











Exploration successes funded by Carry in Egypt



Block 125 offers transformational potential



Commitment to regular cash returns to shareholders



Q&A





#### **Investor Relations**

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United Kingdom Company No: 3300821

