Investing for Growth



Analyst day - 8 February 2024





Introduction

Mitch Flegg – Chief Executive Officer





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Serica stands apart in the sector

- Balanced portfolio of UKCS assets covering full upstream life cycle
- Strategy of growth through organic investment and M&A
- Record of delivery
 - 5-year history of replacing reserves and growing production
 - Multiple acquisitions including Tailwind
- Extensive programme of drilling and well work in 2024/25
- New fields potentially coming onstream in 2026
- Substantial funding available with net cash position and additional RBL capacity
- Hopper of potential new projects
- Proactive M&A strategy covering UK and abroad



Two-pronged strategy

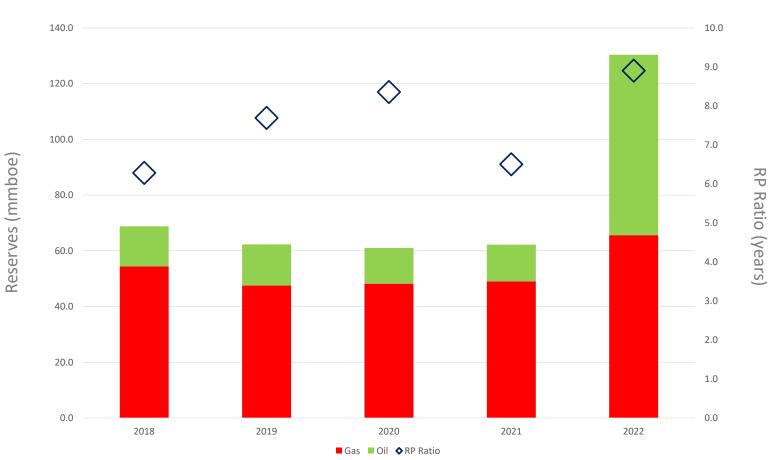


1. Value2. GrowthSerica will continue to invest in
its asserts to add value throughSerica will continue to seek
conportunities to expand its

its assets to add value through increased production, decarbonisation and extended field life Serica will continue to seek opportunities to expand its portfolio by means of M&A, farm-ins and licence applications



Reserves consistently replaced and diversified



Year End 2P Reserves & RP Ratio



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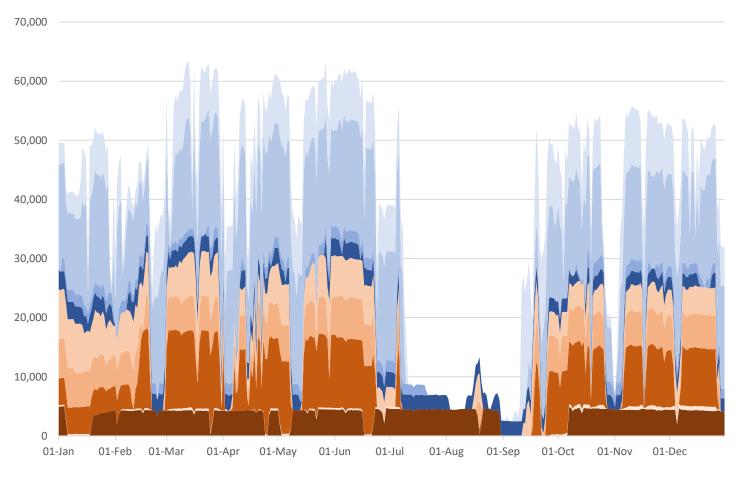
- As a result of the Tailwind acquisition:
 - Pro forma reserves increased nearly 75%
 - RP Ratio increased from 6.5 years to 9 years
 - Balance of gas and oil
- CPR being updated to 31 December 2023

Note:

RP

RP Ratio = 2P Reserves / Production in following year

Production above 40,000 boe/d in 2023



■ Orlando ■ Guillemot W&NW ■ Gannet E ■ Evelyn ■ Bittern ■ Columbus ■ Erskine ■ Rhum ■ Keith

Combined Portfolio 2023 Average Net Daily Production (boe/d)

- Pro forma net production from combined portfolio of 40,121 boe/d in 2023
- Pro forma net production in 2023 was 56% gas and 44% oil
- Average production in 4Q of 45,748 boe/d
- 2024 YTD average production of 43,184 boe/d¹
- Guidance for 2024 is 41,000 to 48,000 boe/d

¹ 1 January to 2 February 2024

Bruce

Strong fundamentals

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			N / - 4					
2023	Production ¹	40,121 boe/d	Not 1.					
	Gas to liquids ratio	56:44	2.					
	Unit operating cost	~US\$19/boe						
	Year-end cash & cash equivalents ²	£291 million	3.					
	Year-end debt	£210 million						
2024	Production guidance	41 – 48,000 boe/d						
	Unit operating cost	Target <us\$20 boe<br="">Pre-tax £210 million³</us\$20>						
	Bruce + Triton capex							

Notes

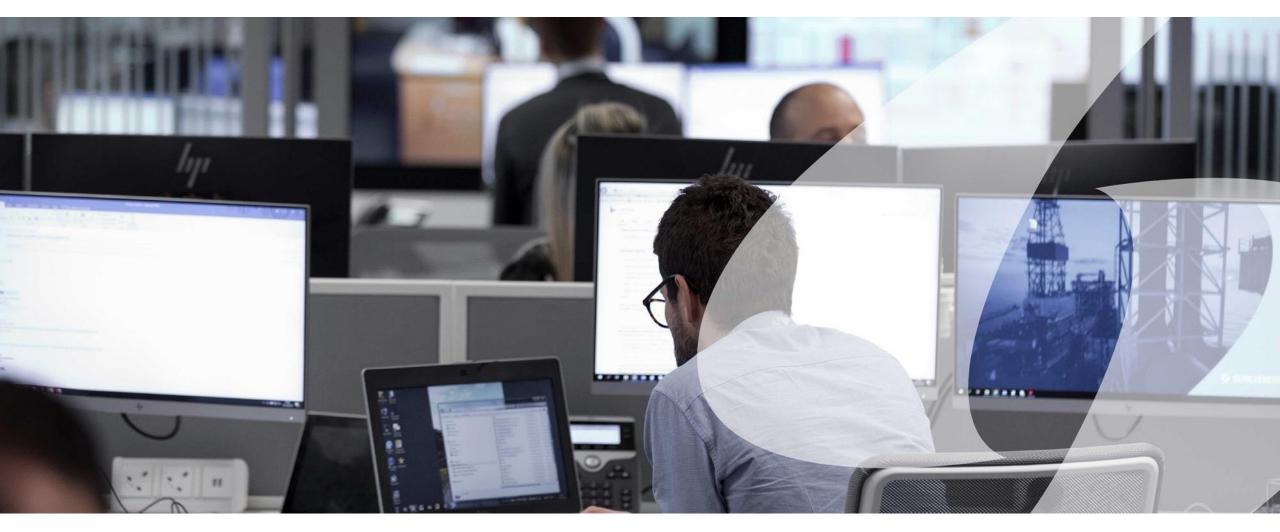
- 2023 production and unit opex numbers are pro-forma (Serica + Tailwind from 1 Jan – 31 Dec 2023)
- Year-end cash & cash equivalents includes £28 mm of cash security temporarily lodged with 3rd party in respect of decommissioning obligations
- Bruce + Triton capex may not all be spent in 2024; e.g., drilling and hook up of Evelyn EV02 well expected to carry over into 2025.





North Sea Strategy and Overview Carol Stewart – North Sea Business Manager





Serica's UKCS-focused portfolio covers full life cycle of upstream assets

Production

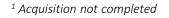
- 11 fields
- Two hubs with multiple tiebacks to central infrastructure:
 - Bruce platform
 - Triton FPSO
- No infrastructure overlap between hubs
- 86% of production operated
- Balance of gas and oil
- BKR now <50% of production compared to > 80% before Tailwind acquisition

Development

- Belinda FDP submitted
- Buchan¹ FDP submitted

Exploration

• Skerryvore well in 2024/25





Adding value through investment

Key themes of our successful organic investment strategy:

- Operate safely and responsibly
 - Policy of continuous improvement
 - In person process safety awareness training being rolled out
- Invest in wells and facilities to increase production and maximise economic recovery
 - Rhum R3 and Bruce well interventions
- Improve efficiency to reduce emissions, manage costs and extend field life
 - BKR CO₂ emissions reduced since Serica became operator

EXTENDING FIELD LIFE: ADDING VALUE

HSE & ESG

INVESTMENT

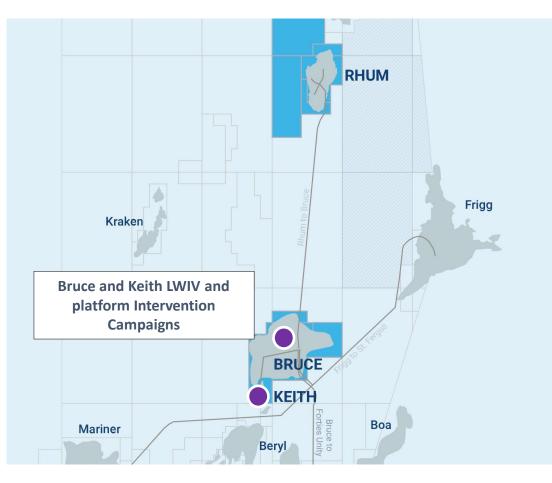
MAXIMISING RECOVERY

From opportunity to production



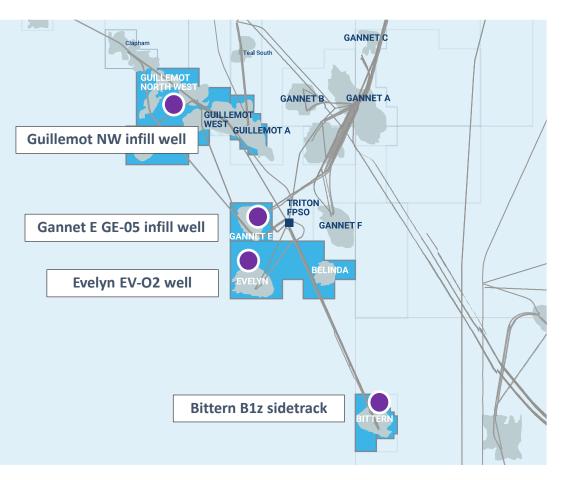
- ² Tubing Head Pressure
- ³ Bruce Enhanced Reservoir Production
- ⁴ Licence commitment well but rig not contracted

Ambitious investment programme in 2024



BRUCE

TRITON

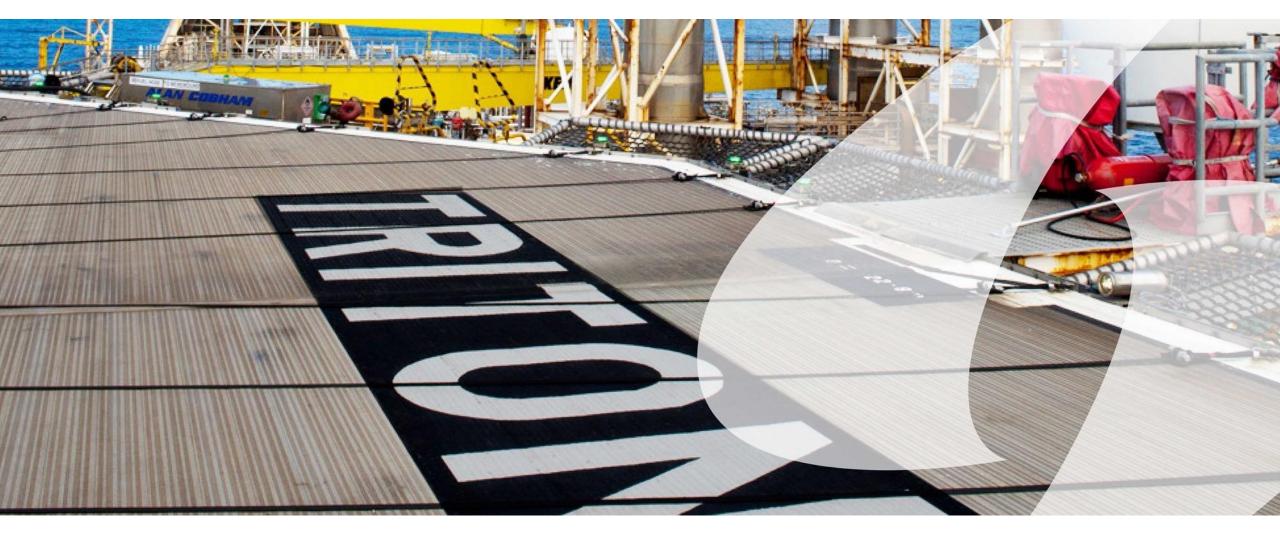


Planned activity in 2024/25





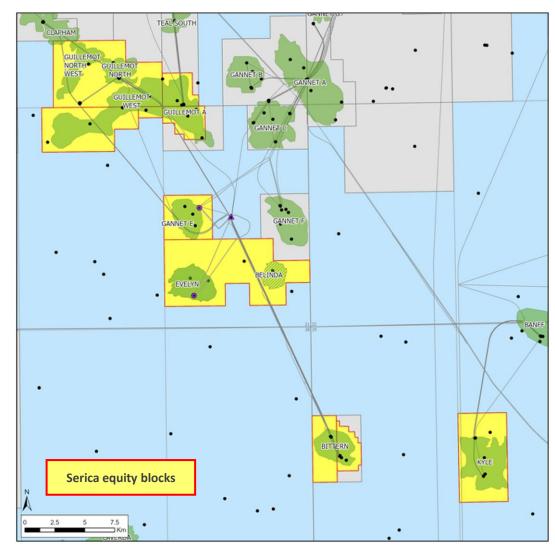
Ian Macaulay – Commercial Manager



Core area for Serica



Bittern	 Serica unit interest 64.6% (Dana operated) Producing since 2000 5 producing Wells, 2 water injectors B1z sidetrack planned for 1Q 2024 Possible re-instatement of water injection
Guillemot W/NW	 Serica interest 10% (Dana operated) Field producing since 2000 Two GW interventions successfully executed 3Q 2023 GNW infill well planned for 3Q 2024
Gannet E	 Serica interest 100% and operated Producing since 4Q 2018 4th production well on-stream since 1Q 2023 5th production well planned in 2Q 2024
Evelyn	 Serica interest 100% and operated Producing since Q4 2022 2nd production well planned in 4Q 2024 (production start in 2025)
Belinda	 Serica interest 100% and operated Undeveloped – FDP submitted to NSTA Potential drilling in 2025 and first oil in 2026
КуІе	 33rd licence round award (Serica interest 100%) Two-year term for studies Potential tie-back to Triton FPSO

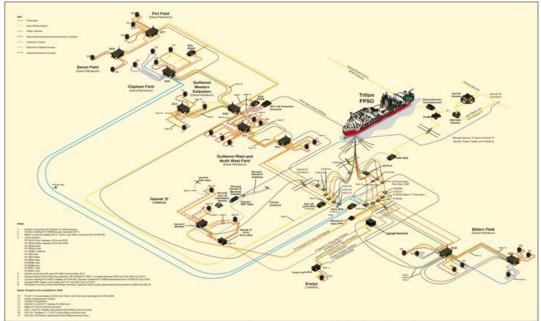


Production hub centred around Triton FPSO

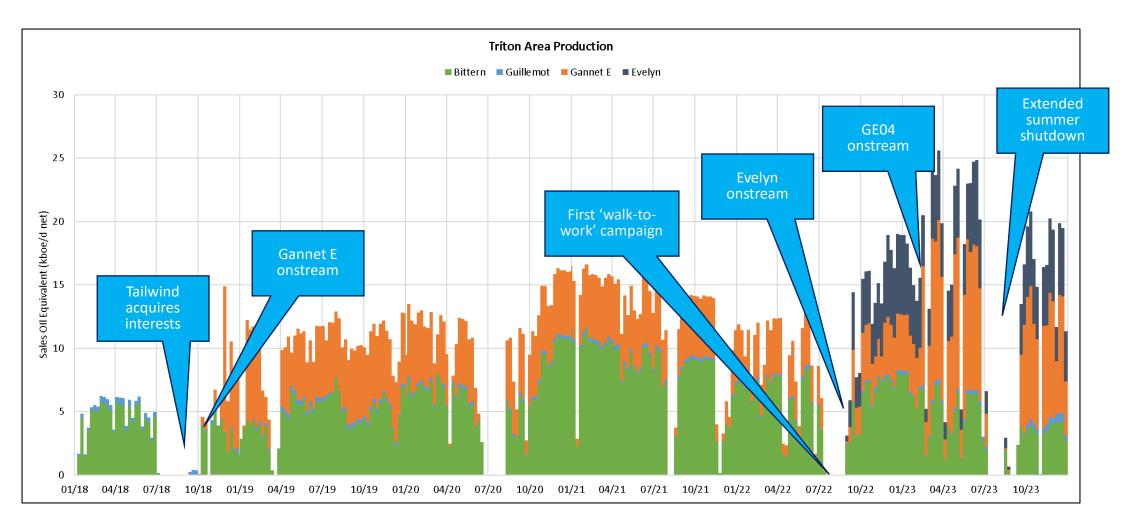


- Situated about 120 miles east of Aberdeen
- Hosts oil production from Bittern, Guillemot W/NW, Gannet E, Evelyn , Clapham, Pict and Saxon (Serica has no interest in Clapham, Pict and Saxon)
- Oil
 - export by shuttle tanker
 - Triton Blend (34 deg API) trades at near parity to Brent
 - Liftings and marketing of Serica entitlement managed by Mercuria Energy
 - Regular buyers mostly in Europe
 - Freight and other lifting costs equate to ~\$1.5/bbl on delivered basis
- Gas
 - Small volumes delivered to St Fergus via Fulmar and SEGAL
 - All gas achieves approximately NBP pricing
 - No fuel gas imports expected until after 2030
- FPSO
 - Triton FPSO is new build double hull tanker brought onstream in 2000
 - 80 beds, normal crew 70
 - Jointly owned by participants in Bittern field (66%) and Guillemot West field (33%) hence vessel ownership currently: Serica 46.4%, Dana 52% (operator) and Waldorf 1.6%.
 - Processing capacities of 105 kbbl/d oil, 140 mmscf/d gas, 125 kb/d water injection
 - Storage of 630,000 bbl with standard cargo size 500,000 bbl
 - Ongoing works programme including 'walk-to-work' campaigns has extended life expectation





Net production increased since 2018



Note: Production is net to interests acquired by Tailwind from Shell and Exxon in 2018



2024 Investment Programme



Rich Hiney – Subsurface Manager / Alex Pirie – Wells Manager



Continuous activity through 2024

Field	Activity	Serica interest	2024 Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2025 Jan	Feb	Mar	Apr	Мау	June
Bruce	Well work	98.00%																		
Keith	Well work	100.00%																		
Bittern	B1z sidetrack	64.63%																		
Gannet E	GE-05 well	100.00%										$\boldsymbol{\wedge}$								
Guillemot NW	EC1 well	10.00%												4	Δ					
Evelyn	EV02 well	100.00%																		
Belinda	BE01	100.00%															Not yet app	proved		

Indicative duration

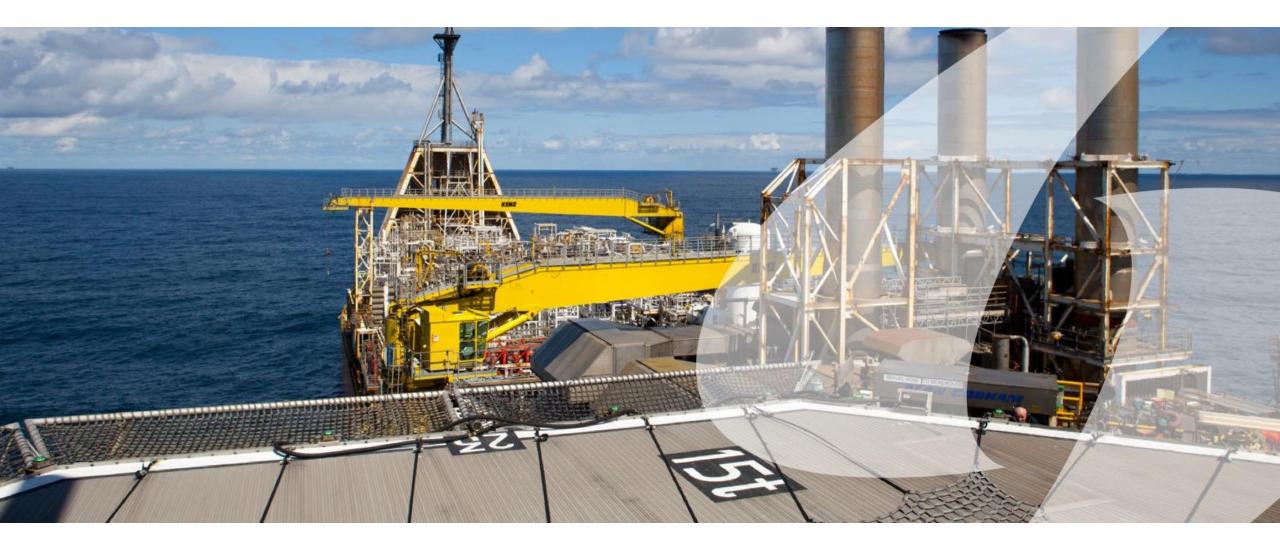
Potential commencement of incremental production

- Timetable subject to variation for operational reasons; e.g. weather
- Helix Light Well Intervention Vessel contracted for Bruce/Keith LWIV campaign in 2024
- COSL Innovator rig contracted for 4 well programme in Triton area + 1 well
- Capex expected to qualify for tax relief including EPL Investment Allowance



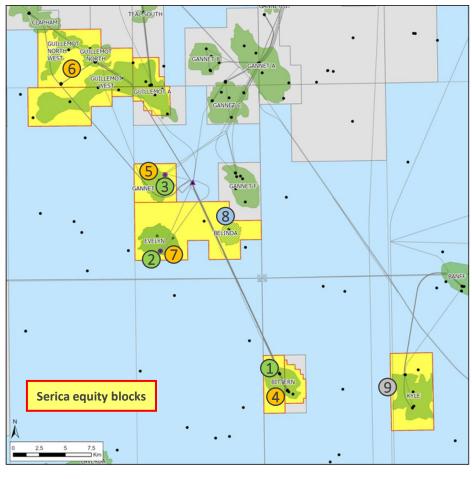
Triton Area Projects

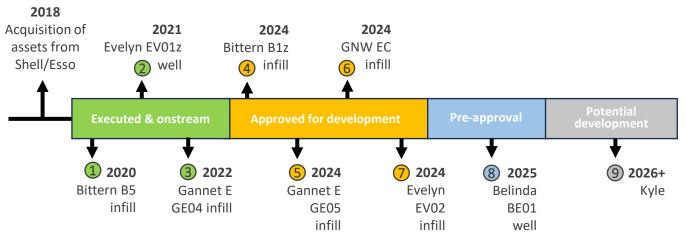




Subsurface led revitalisation of Triton Area

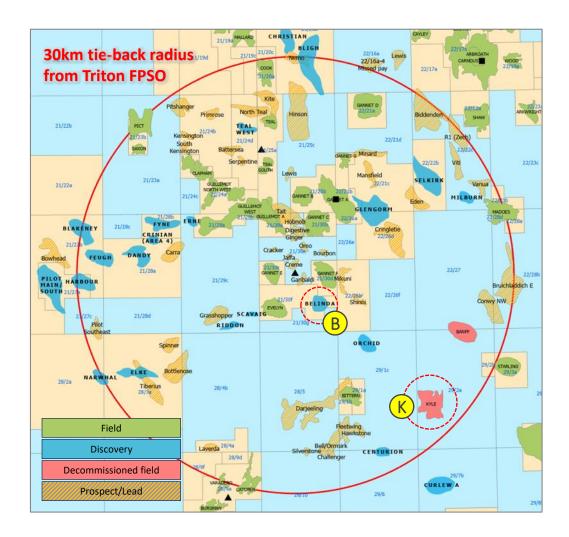
- No drilling had taken place in Triton Area since 2010
- From 2018 Tailwind undertook a significant subsurface work program to unlock the potential of the area
- Opportunities arise from relatively young, shallower reservoirs in wellestablished plays but new concepts required to de-risk projects
- Good quality 3D and 4D seismic and remodelling of all the fields has underpinned the identification and maturing of drilling opportunities





Further opportunities in Triton's catchment area

- Approximately 30 km catchment area around Triton FPSO
- Capacity within facility for additional owned and third-party tiebacks
- Serica using equity ownership to bring new fields into Triton
 - Belinda (B) possible development decision in 1H 2024
 - Kyle K 33rd Licence Round award
- Additional tie-backs do not increase CO₂ emissions from host facility
- Production life of Triton hub projected into 2030s



Bittern B1z sidetrack

Bittern reservoir summary

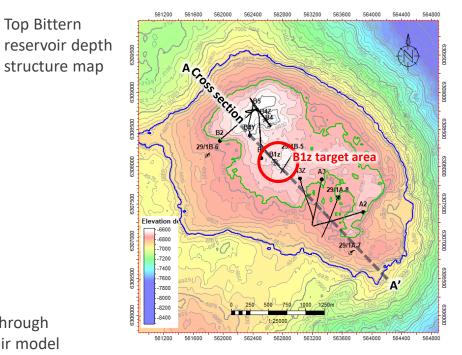
- Eocene aged turbidite sandstones ٠
- Excellent, high net to gross reservoir
- >30% porosity and >2 Darcy permeability
- Expected ultimate recovery factor >70%
- Good quality 40° API oil ٠
- Field is drained from 4 production wells under • aquifer/depletion drive with water injection support

Opportunity summary

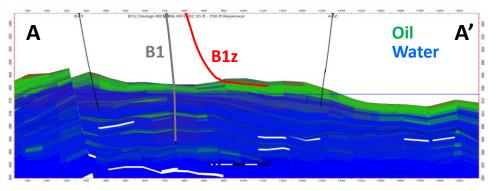
- Serica holds 64.63% interest (Dana operator) ٠
- Bittern B1 well last produced in 2019 due to high water • cut
- Intervention in 2020 to access crestal oil volumes failed • due to pre-existing restriction in the hole
- Plan is to abandon reservoir section of the B1 well and • drill horizontal side-track through the reservoir to target residual crestal oil



Top Bittern



Cross section through Bittern reservoir model



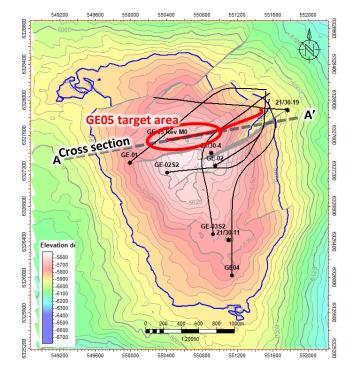
Gannet E GE05 infill well

Gannet E reservoir summary

- Paleocene aged Forties formation turbidite sandstones
- Good, high net to gross reservoir
- >28% porosity and >1 Darcy permeability
- Expected ultimate recovery factor >45%
- Good quality, 20° API oil
- Field is drained from 4 existing production wells under aquifer/depletion drive (no water injection)

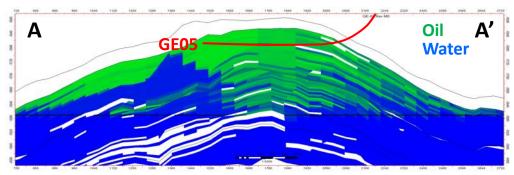
Opportunity summary

- Serica holds 100% and operates
- The GE05 well is a new well from surface with a short tie-in to the existing infrastructure
- Well targets crestal oil volumes that are not being accessed from the current wells
- Drainage from the crest of the field from the existing wells is thought to be complex - a combination of vertical and lateral stratigraphic baffling and partially sealing faults
- GE05 will be geo-steered horizontally through narrow fault block close to the reservoir roof



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Cross section through Gannet E reservoir



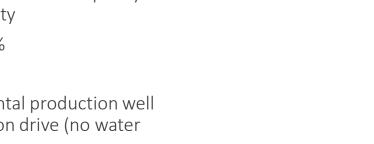
Evelyn EV02 infill well

Evelyn reservoir summary

- Eocene aged Tay formation turbidite sandstones
- Thinly bedded, low net to gross reservoir
- Where reservoir sands present, they are excellent quality >28% porosity and >1 Darcy permeability
- Expected ultimate recovery factor >25%
- Good quality, 31° API oil
- Field is currently drained from 1 horizontal production well (drilled in 2021), under aquifer/depletion drive (no water injection)

Opportunity summary

- Serica holds 100% and is operator
- The Evelyn field came on production in Sept 2022 with single well
- Strong performance from existing producer supports an additional well in south of the field
- Ev02z will be drilled from a new surface location with a short subsea tie-in to existing infrastructure following pilot hole to optimize positioning of production well in reservoir



VAPIZE 0493PE 0500PE 0500PE 0502PE 0517E 0517E 0513PE 0520PE 0522PE 0522PE

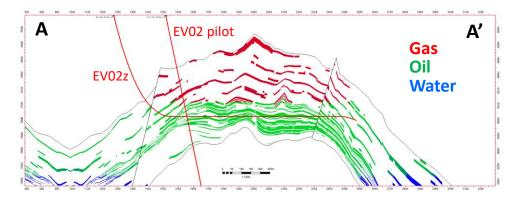
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0°51'36"E

0°52'00"E

0°51'12"E

Cross section through Evelyn reservoir model



0°49'12"E

Top Evelyn

reservoir depth structure map

Belinda field development

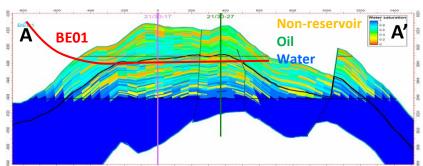
Belinda reservoir summary

- Eocene aged Tay formation turbidite sandstones, analogous to Evelyn
- Thinly bedded, low net to gross reservoir
- Where reservoir sands present, they are excellent quality >28% porosity and > 1 Darcy permeability
- Expected ultimate recovery factor ~20%
- Good quality, 32° API oil

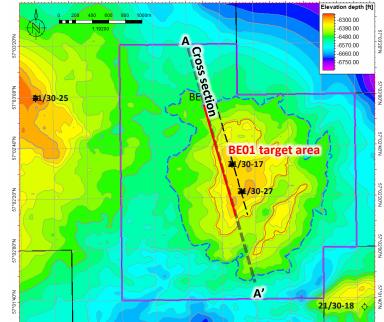
Opportunity summary

- Production at Evelyn has de-risked development of Belinda
- BE01 horizontal development well will target best reservoir section identified by the two existing wells on the field
- Draft Field Development Plan submitted to NSTA and approval and FID expected in 1H 2024
- COSL Innovator available to drill production well

Cross section through Belinda reservoir model



Top Belinda reservoir depth structure map



0*56'24"E 0*56'48"E 0*57'12"E

0*55'36"E

0*56'00"E

24'E 0'54'48'E 0'55'12'E 0'55'36'E 0'56'00'E 0'56'24'E 0'56'48'E 0'57'12'E 0'57'36'E 0'58'00'E 0'58'24'E



0*57'36"E

Kyle – 33rd Licence Round award

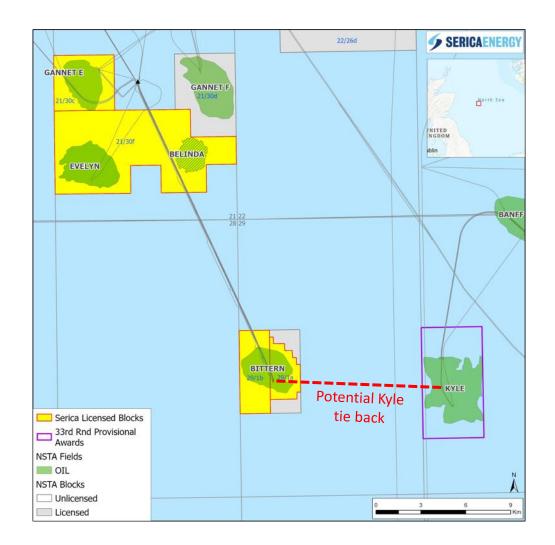


Kyle reservoir summary

- Palaeocene aged turbidite sandstones trapped on the flank of a salt swell
- Additional upside potential in deeper cretaceous chalk reservoirs
- >25% porosity & > 1 Darcy permeability in primary Palaeocene reservoir
- Good quality, 34° API oil

Opportunity summary

- Kyle 1st production was achieved in 2000 as a subsea tie-back to Curlew FPSO and latterly to the Banff FPSO which is now decommissioned
- Early technical evaluation indicates remaining undrained volumes on the western flank of the field
- Development concept for Kyle is a single subsea horizontal well tied back (12 km) to the Bittern infrastructure and produced via Triton FPSO
- Serica holds 100% and operates
- Two-year Initial Licence Term to evaluate opportunity



Bruce Hub Projects

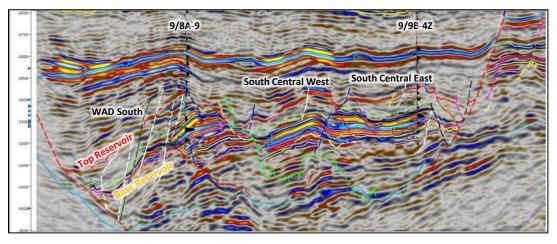


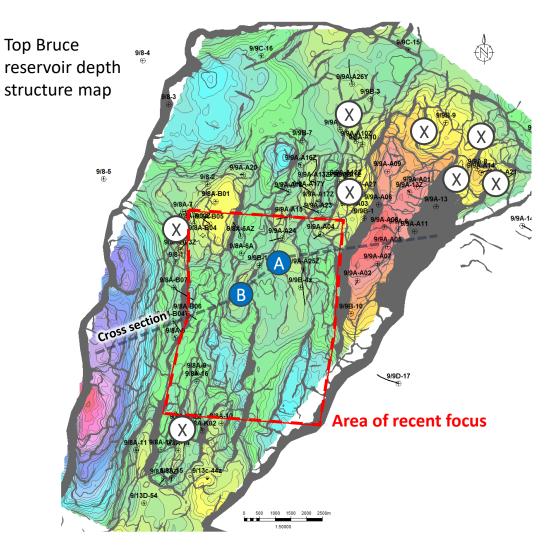


Subsurface complexity brings drilling opportunities

- Bruce field is geologically complex highly faulted (compartmentalised) with multiple reservoir zones
- No wells drilled since 2012
- Geological complexity creates opportunities
- Different parts of the field have different production histories leading to stranded hydrocarbons in certain areas
- Newly re-processed 3D seismic data (2023) helping to unlock this potential
- Current focus on South Central East ("SCE") A and South Central West ("SCW") B wells
- Potential subsequent infill targets X being evaluated

Reprocessed Bruce 3D seismic





Bruce South Central East ("SCE") infill well

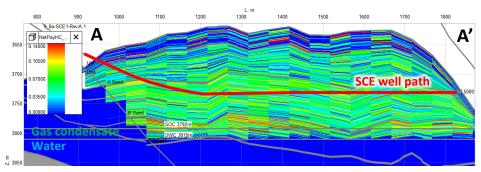
Bruce reservoir summary

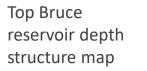
- Bruce "A" sand primary target within Middle Jurassic aged Bruce Group shoreface sandstone reservoirs
- Good reservoir quality to recover the Bruce fluids: >60% net to gross, >13% porosity & >100 mD permeability
- Predominantly gas condensate with a yield of 90-140 stb/mmscf and 37° API oil

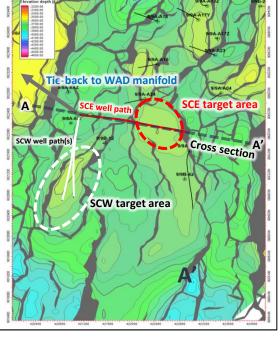
Opportunity summary

- Development opportunity in a fault block with existing wells and production
- Upside in the "Upper Sandy" interval to be targeted with the same well









Bruce South Central West ("SCW") infill well

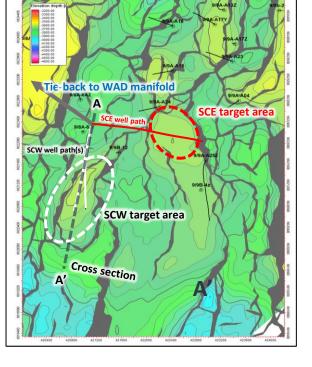
Bruce reservoir summary

- Bruce "A" sand primary target within Middle Jurassic aged Bruce Group shoreface sandstone reservoirs
- Good reservoir quality to recover the Bruce fluids: >60% net to gross, >13% porosity & >100 mD permeability
- Predominantly gas condensate with a yield of 90-140 stb/mmscf and 37° API oil

Opportunity summary

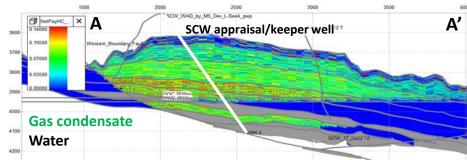
- Appraisal pilot hole planned to assess thickness of column, fluid phase and pressure connectivity to offset fault blocks
- Decision on vertical appraisal well or horizontal sidetrack depends on result of pilot hole

Top Bruce reservoir depth structure map



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Cross section through SCW reservoir model



Serica carried out interventions on >50% of BKR wells

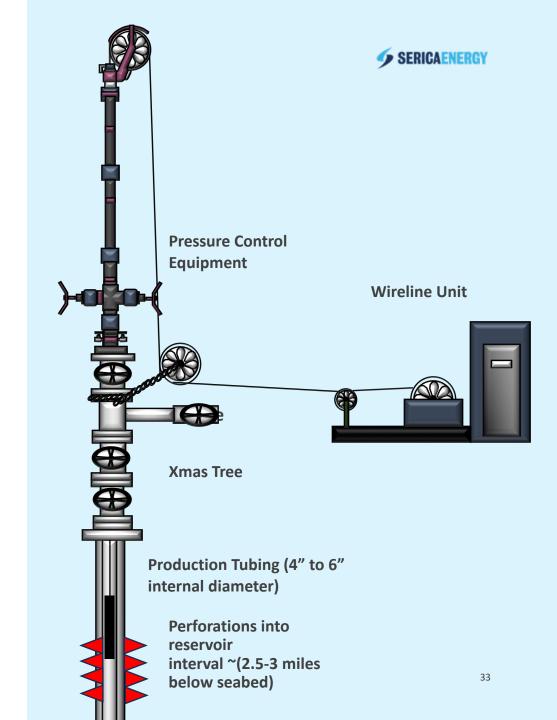
- New production; e.g., Rhum R3
- Restore production from shut-in wells
- Enhance production from existing wells
- Improve well integrity
- Better data from increased surveillance
- Systematic approach

Campaign	Wells						
2019 Platform	A08, A07, A09, A18, A17Y, A10Y, A26Y, A27						
2020-21 MODU ¹	Rhum R3 Workover						
2022 LWIV ²	M1, M4						
2022 Platform	A07, A10Y, A08, A01, A18, A4, A14, A25Z, A23, A05						
2023 Platform	A18, A25Z, A14, A15, A12Z, A27						
2023 LWIV ²	M4, M3, M6						

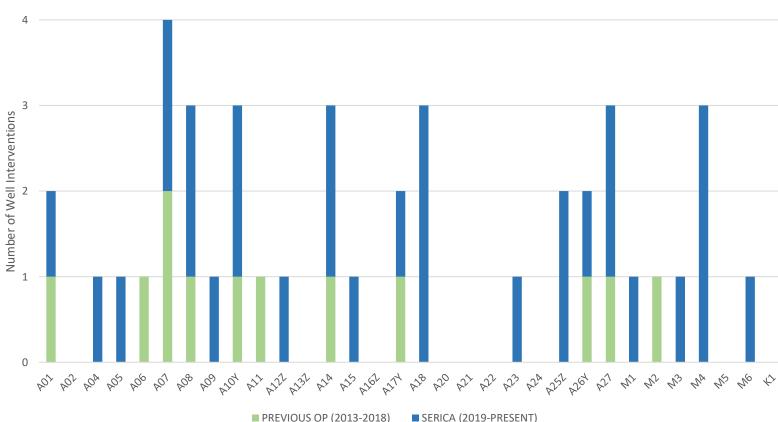
¹ Mobile Offshore Drilling Unit

² Light Well Intervention Vessel

Analyst Day | February 2024 | Alex Pirie



Serica has more than doubled the rate of well intervention



BRUCE AND KEITH INTERVENTION 10 YR HISTORY

 Interventions from 2019 to present have added around 13 mmboe of reserves

- Cost of additions c.£4 per boe
- Payback typically measured in months
- Intervention in subsea (LWIV) and platform wells planned in 2024
- Further campaigns being considered in 2025

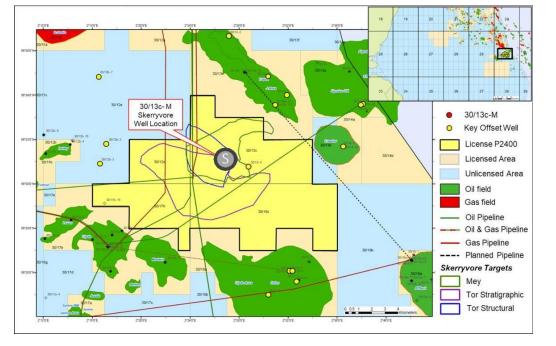
Skerryvore Exploration Well

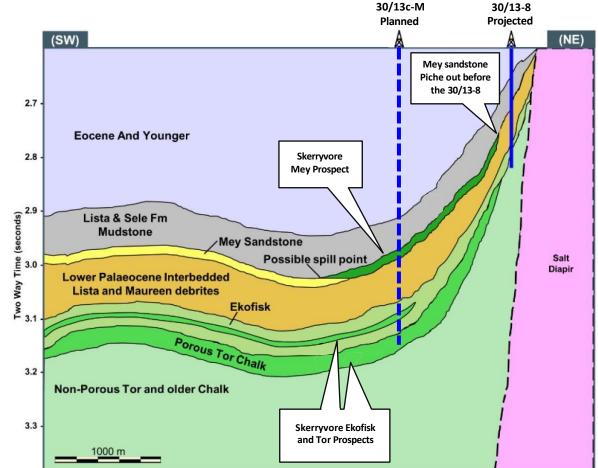




Exploration prospect close to infrastructure

- Serica holds 20% interest with partners Parkmead (50% and operator) and CalEnergy (30%)
- Single exploration well designed to test two prospects (Mey and Tor)
- Licence commitment to drill well by 30 September 2025
- Infrastructure nearby which provides potential tie-back and export route









Project 2035+ Mike Killeen – Chief Operating Officer





Aiming to extend Bruce Hub operations beyond 2035



- Serica's current business plan assumes permanent cessation of Bruce Hub production at year end 2035
- Project 2035+ launched during 2022
- Brings together all the workstreams necessary to achieve the objective of safe and profitable production from the Bruce Hub until 2035 and beyond

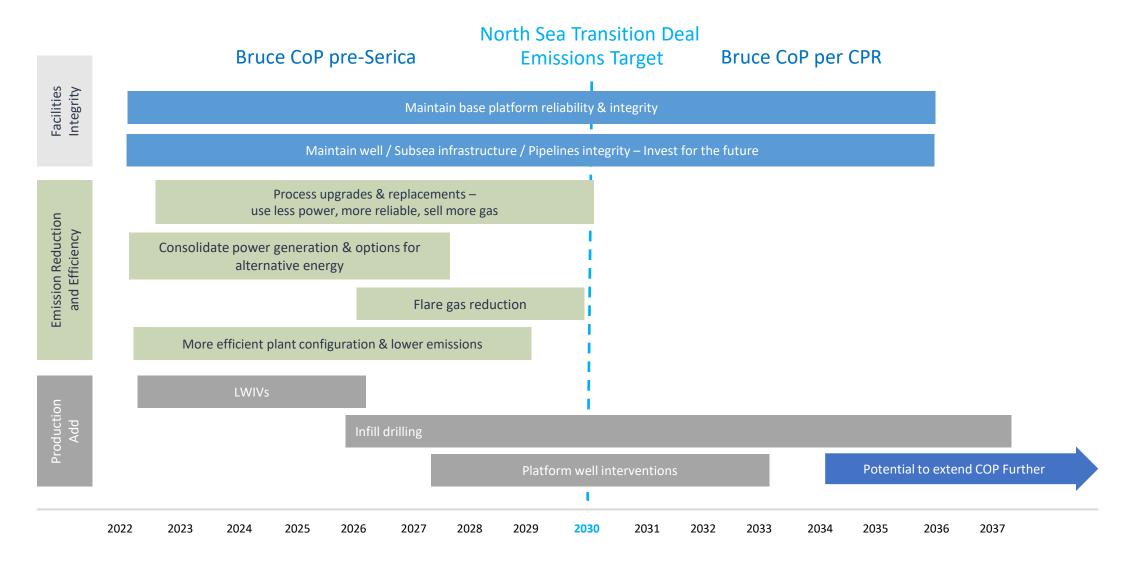
- Initial life extension study work completed and material change to Safety Case submitted in January 2024
- Emissions Reduction Action Plan (ERAP) in place to deliver essential emissions reduction
- Enhancing throughput through
 - More proactive strategy of well interventions
 - Infill drilling targets being matured
 - Potential third-party tieback





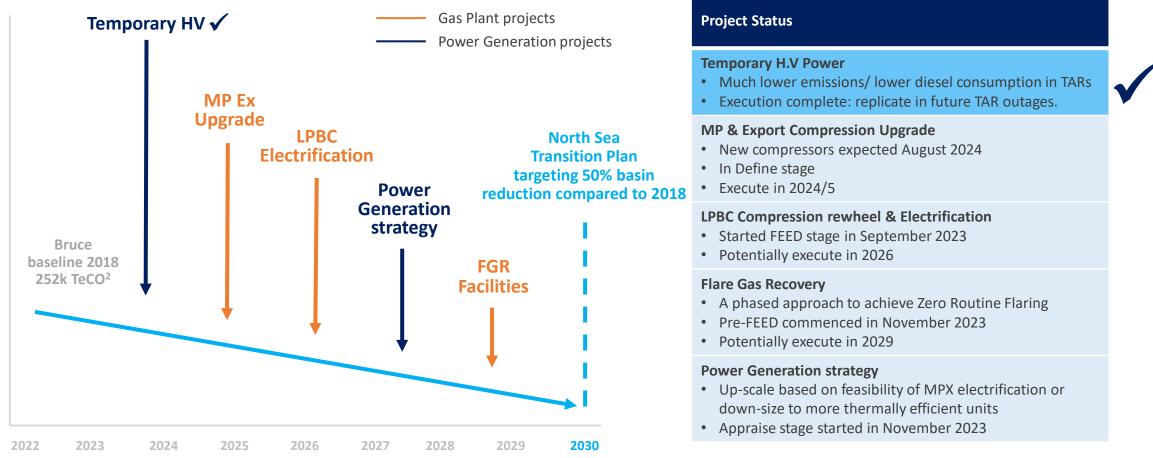
Integrated approach to extending asset life





Pathway to 50% reduction in Bruce emissions by 2030





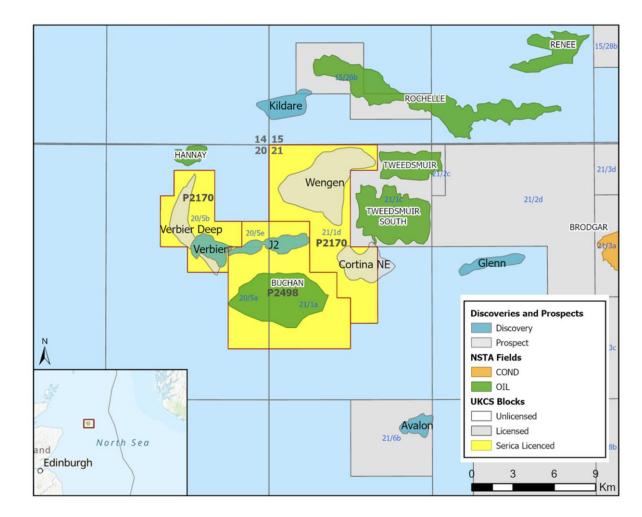






Material addition to the portfolio

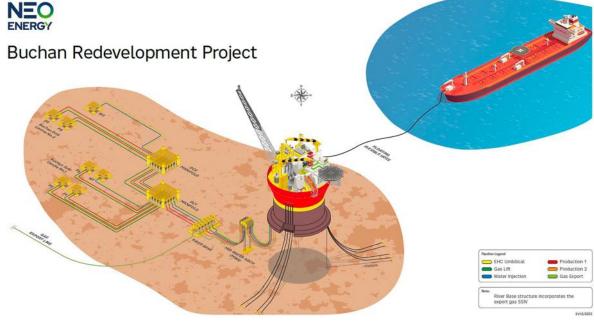
- Buchan field is one of the largest remaining undeveloped fields in UKCS
- Historical production established productivity of Devonian Old Red Sandstone reservoir
- Original COP due to integrity of floating production vessel
- Serica's acquisition of 30% interest expected to complete shortly
- Consideration structured to reflect progress on project and be tax efficient
- Around 20 mmboe resource addition with 10 kboe/d peak production net to Serica
- FDP and ES submitted project sanction and regulatory approval anticipated in 2H 2024
- Earliest first production late 2026
- Purchase, modification and re-use of modern FPSO
- Low emissions and 'electrification ready'
- FPSO potentially an area production hub for wider area
- Partners NEO Energy (50%, operator) and Jersey Oil & Gas (20%)



First oil possible late 2026

- FEED in progress
- Project sanction and regulatory approval targeted for 2H 2024
- Development drilling and facilities installation expected in 2025-26
- Gross capex estimate of £850-950 million
- Earliest 1st production is late 2026
- Good quality oil (33.5°API)
- CO₂ emissions <10 kgCO₂ /boe in early years without electrification
- FPSO 'electrification ready'

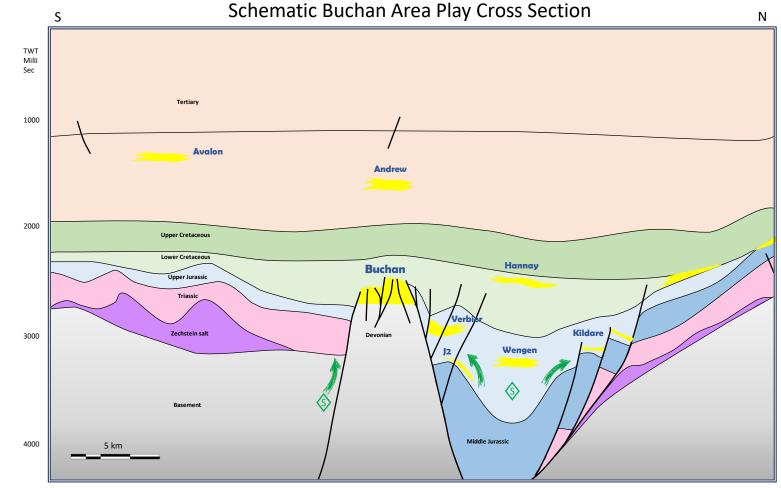




Potential production hub



- FPSO has space for added tiebacks
- Opportunities within Greater Buchan Area
 - Existing accumulations:
 - J2 (West and East)
 - Verbier (West and East)
 - Exploration:
 - Wengen
 - Cortina NE
 - Verbier Deep
- Potential 3rd Party business









Liabilities limited by acquisition terms and types of facilities

Bruce, Keith and Rhum	 Nearly all costs of decommissioning 'existing' property retained by sellers to Serica Keith and Rhum are subsea tiebacks
Triton Area	 Costs of decommissioning 'existing' property retained by sellers up to cap for each field FPSO rather than fixed platform
Erskine	 Costs of decommissioning 'existing' property retained by BP up to a cap Subsea tie-back No liability for host facility decommissioning
Columbus	One well subsea tiebackNo liability for host facility decommissioning
Orlando	One well tie-backNo liability for host facility decommissioning
Arthur	 Legacy SNS abandonment project inherited with Tailwind Work due to complete in 2024 (~£11 mm net)



Note: 'existing' property means wells and facilities installed at the time of acquisition

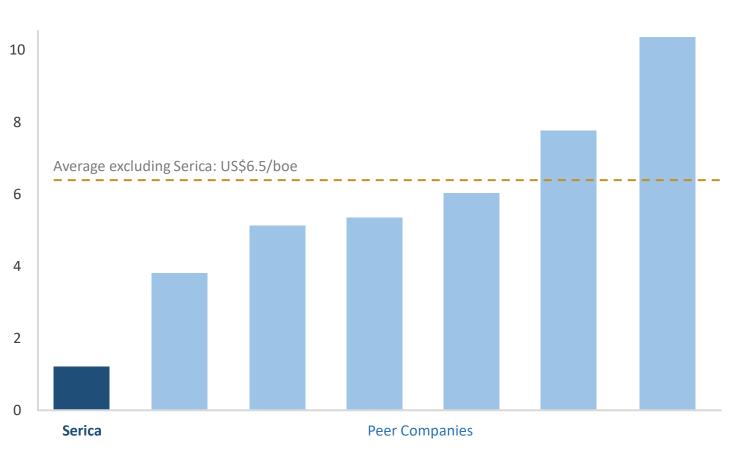
Sellers retain majority of liabilities for wells and facilities acquired through M&A



Field	Terms of transactions
Erskine	Serica's share of decommissioning 'existing' property covered by BP up to a cap which above current estimate
	Serica liable for costs of decommissioning any 'new' property
Bruce, Keith and Rhum	Serica liable for costs of decommissioning 'existing' property in relation to interests acquired from Marubeni (Bruce 3.75% and Keith 8.33%). Remainder covered by other sellers (BP, TE and BHP) with no cap.
	Serica pays additional consideration to BP, TE and BHP equal to 30% of each seller's post-tax contribution to decommissioning costs. Additional consideration amortised over the remaining field life.
	Serica liable for all costs of decommissioning any 'new' property
Bittern, Guillemot W/NW, Gannet E	Serica's share of decommissioning 'existing' property covered by Shell/Exxon up to a cap for each field. Current estimates of costs for decommissioning 'existing' property close to caps.
	Serica liable for all costs of decommissioning any 'new' property; e.g. new wells on Gannet E.
Evelyn	New field since acquisition from Shell/Exxon so Serica liable for its share of all decommissioning costs

Note: 'existing' property means wells and facilities installed at the time of acquisition

Serica has low decommissioning provision per boe of reserves



Reported Decommissioning Liabilities / 2P Reserves (US\$/boe)

 Metrics based on most recently reported pre-tax decommissioning provisions and 2P reserves of selection of North Sea peers

- Provisions for decommissioning typically reflect discounting which may vary
- Serica liabilities include deferred consideration contingent on BKR sellers' post-tax contributions to decommissioning

Conclusion and Q&A

Mitch Flegg – Chief Executive Officer





Serica stands apart in the sector

- Balanced portfolio of UKCS assets covering full upstream life cycle
- Strategy of growth through organic investment and M&A
- Record of delivery
 - 5-year history of replacing reserves and growing production
 - Multiple acquisitions including Tailwind
- Extensive programme of drilling and well work in 2024/25
- New fields potentially coming onstream in 2026
- Substantial funding available with net cash position and additional RBL capacity
- Hopper of potential new projects
- Proactive M&A strategy covering UK and abroad

