

INVESTOR PRESENTATION

FEBRUARY 2023



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Pursuant to the requirements of the ASX Listing Rules Chapter 5 and the AIM Rules for Companies, the technical information and resource reporting contained in this Presentation was prepared by, or under the supervision of, Dr Stephen Staley, who is a Non Executive Director of the Company Dr Staley has more than 35 years' experience in the petroleum industry, is a Fellow of the Geological Society of London, and a qualified Geologist Geophysicist who has sufficient experience that is relevant to the style and nature of the oil prospects under consideration and to the activities discussed in this document Dr Staley has reviewed the information and supporting documentation referred to in this Presentation and considers the prospective resource estimates to be fairly represented and consents to its release in the form and context in which it appears His academic qualifications and industry memberships appear on the Company's website and both comply with the criteria for " under clause 3 1 of the Valmin Code 2015 Terminology and standards adopted by the Society of Petroleum Engineers "Petroleum Resources Management System" have been applied in producing this document.

88E confirms that it is not aware of any new information or data that materially affects the information included in the previous market announcement and, in the case of estimates of prospective resources or reserves, that all material assumptions and technical parameters underpinning the estimates in the previous market announcement continue to apply and have not materially changed.

ALASKA - RESOURCES AND RESERVES ESTIMATES & DISCLOSURES

PHOENIX

1. Net entitlement to 88E. Refer to the ASX release dated 23 August 2022 for full details with respect to the Prospective Resource estimate, associated risking and Cautionary Statement below.

PROJECT PHOENIX (FORMERLY REFERRED TO AS ICEWINE EAST) NET ENTITLEMENT PROSPECTIVE RESOURCE (MMBO, UNRISKED)

	LOW (10)	Dest (20)	riigii (30)	Mean
Prospects Total	167	621	1,576	647 ¹

ICEWINE WEST

2. Net Entitlement to 88E. Refer to the ASX release dated 10 November 2020 for full details with respect to the Prospective Resource estimate, associated risking and Cautionary Statement below.

PROJECT ICEWINE WEST

NET ENTITLEMENT PROSPECTIVE RESOURCE (MMBO, UNRISKED)

Prospects	Formation	Low (1U)	Best (2U)	High (3U)	Mean
Lima Complex	Seabee	134	613	1756	889
Stellar Fan 1-6	Torok	49	155	452	222

TOTAL MEAN PROSPECTIVE OIL RESOURCE

1,1112

YUKON LEASES

8. Classified in accordance with SPE-PRMS as at 7th November 2018 using probabilistic and deterministic methods on an unrisked basis. Prospects and Leads identified from interpretation of0 modern 3D seismic acquired in 2018 across the Yukon Leases, which comprises 15,235 gross acres on the Central North Slope of Alaska. 88 Energy is Operator of record at the Yukon Leases (through its wholly owned subsidiary Regenerate Alaska, Inc. Note cautionary statement below.

PROSPECTIVE RESOURCE (MMBO, UNRISKED)

Prospects	Formation	Low	Best	High	Mean
Cascade	Canning / Fan	24	64	162	82
PETM1	Staines Tongue / Topset	3	6	10	6
PETM2	Staines Tongue / Topset	1	1	2	1
TOTAL MEAN PRO	SPECTIVE OIL RESOURCE8				90

UMIAT OIL FIELD

- 3. Refer to ASX Announcement on 11 January 2021 for further detail in relation to pricing assumptions and ASX Reserves & Resources Reporting Notes.
- 4. Note Cautionary Statement below.
- 5. No 1P reserves net estimated currently as there is no plan of development in place that includes all of the necessary approvals required to enter into production.
- 6. This information was prepared and first disclosed under the SPE-PRMS 2007. It has not been updated since to comply with the SPE-PRMS 2018 on the basis that the information has not materially changed since it was last reported.

RESERVES (Barrels of oil; '000) 3,6

Classification	Gross	Net ^{3,4}
Proven reserves (1P) ⁵	-	-
Probable reserves (2P)	123,692	94,007
Possible reserves (3P)	57,156	43,439

PROJECT PEREGRINE

7. Please refer to the ASX release dated 16 August 2021 for full details with respect to the Prospective Resource estimate, associated risking and Cautionary Statement below.

PROSPECTIVE RESOURCE (MMBO, UNRISKED)⁷

Prospects	Formation	Low	Best	High	Mean
Merlin-2 (N20, N19,N18)	Nanushuk	To be re	assessed wi	th post well	analysis
Merlin-1A (N14S)	Nanushuk	25	87	282	132
Harrier	Nanushuk	41	175	796	353
Harrier Deep	Torok/Basin Floor Fan	35	226	1,132	486

Cautionary Statement: The estimated quantities of petroleum that may be potentially recovered by the application of a future development project relate to undiscovered accumulations. These estimates have both an associated risk of discovery and a risk of development. Further exploration, appraisal and evaluation are required to determine the existence of a significant quantity of potentially movable hydrocarbons.



HIGH IMPACT ALASKAN **EXPLORATION** SUPPORTED BY CONVENTIONAL **TEXAN PRODUCTION ASSETS**

73% average net working interest, 2.1 MMBOE 2P net reserves³

Hickory-1 exploration well to spud in Q1 2023 targeting 647 MMBO

unrisked net mean prospective oil resources¹

Texan Permian Basin
Q4 2022
~420 BOE per day²
average gross production

TEXAS



^{1.} Please refer to the ASX release dated 23 August 2022 for full details with respect to the Prospective Resource estimate, associated risking and Cautionary Statement on page 3.

^{2.} Average BOE / day reported by Operator Lonestar I, LLC from 1 Oct. - 23 Dec. 2022 (~70% oil) 3. Please refer to the ASX release dated 21 February 2022 for full details with respect to the initial reserves estimates and assumptions. Refer also to Cautionary Statement on page 3.

88 ENERGY: A PREMIUM E&D EXPOSURE

High impact Alaskan exploration supported by conventional Texan production assets



HIGH IMPACT ALASKAN ACREAGE POSITION



INFRASTRUCTURE-LED EXPLORATION



MODERN HIGH QUALITY 2D AND 3D SEISMIC ANALYSIS



CONTIGUOUS TO MULTI-BILLION BARREL OIL RESOURCE



PRODUCTION CASHFLOWS
SUPPORT FUTURE ACTIVITIES



ACTIVE ASSESSMENT OF NEW VENTURE OPPOURTUNITIES

INVESTMENT HIGHLIGHTS

Quality portfolio of Alaskan exploration projects supported by conventional Texan production

1. HICKORY-1 EXPLORATION WELL

2. EXTENSIVE ALASKAN ACERAGE POSITION

3. INCREASING DIRECT PRODUCTION EXPOSURE







CORPORATE SNAPSHOT

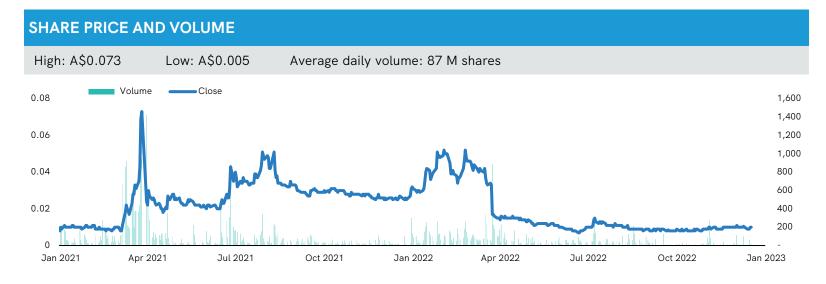
ASX:88E | AIM:88E | OTC:EEENF

CAPITAL STRUCTURE	
Share price ¹	A\$0.012
Shares on issue ²	18,266M
Cash ³	A\$14.1M
Debt ³	NIL
Options and performance rights ²	369 M
Market capitalisation (undiluted) ²	A\$219M

PROJECTS		
Name	Working Interest	Net size (Acre)
NORTH SLOPE, ALASKA		
Peregrine	100%	~195K
Phoenix ⁴	~75%	~62K
Icewine West	~75%	~122K
Leonis ⁵	100%	~25.6k
Umiat	100%	~18K
Yukon	100%	~15K
PERMIAN BASIN, TEXAS		
Longhorn	~73%	~1.3k

PLANNED ACTIVITY Q1 2023

- Planning, permitting and spud of the Hickory-1 exploration well at Project Phoenix
- Project Leonis acreage final adjudication / lease payment and commencement of work program
- Continued assessment of Alaska portfolio and development of forward work program
- Assessment of new venture opportunities



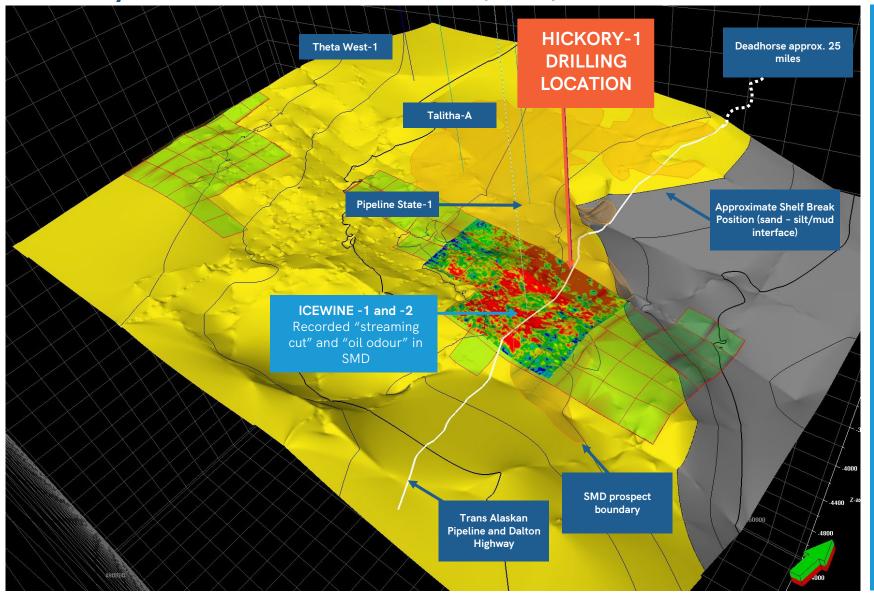
- 1. At 30 January 2023
- 2. At 30 January 2023
- 3. Cash position shown reflects 31 December 2022 cash balance (unaudited)
- 4. Formerly referred to as Icewine East
- 5. Project Leonis; New acreage that remains subject to adjudication process, regulatory approvals and formal award which is expected in 1H 2023. Refer to ASX announcement 10 November 2022.





1. HICKORY-1 OPTIMAL DRILLING LOCATION ADJACENT TO TAPS

Hickory-1 vertical well to test SMD, SFS, BFF and KUP formations

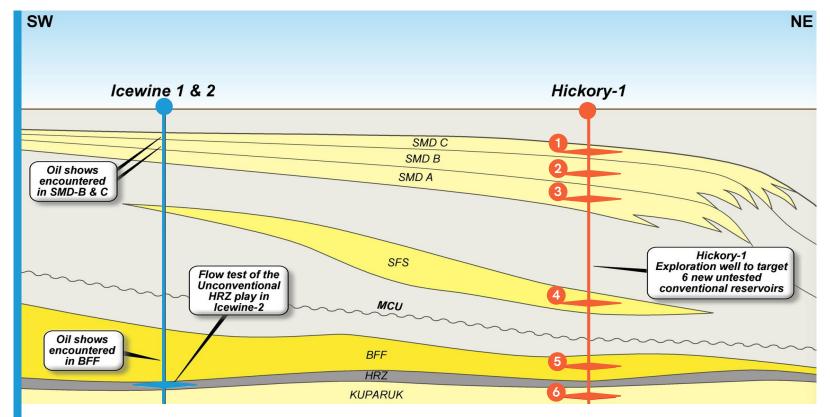


DRILLING LOCATION INFORMED BY AN ANAYSIS OF AN EXTENSIVE DATA SUITE

- Designed to appraise 6 stacked reservoir targets
- Closest position to Shelf Edge (SMD)
- Relative down-dip position within Phoenix acreage
- Success at the Hickory-1 location unlocks up-dip potential across the remaining Phoenix acreage
- Located in sweet spot of interpreted AVO anomalies, relative to Icewine-1 which from post-well analysis, was found to have been drilled outside of interpreted AVO anomalies
- Strategically located near to infrastructure:
 - Deadhorse North Slope services hub
 - Adjacent to Dalton Highway and Trans-Alaska pipeline
 - Immediate Export Route
 - Expediting future development
 - Minimising costs and environmental impact

Project Phoenix: Re-focus on shallow, proven oil-bearing conventional reservoirs

- Icewine 1 and 2 (88 Energy) were designed and drilled to test a deep unconventional exploration play
- Positive drilling results within the shallower Brookian reservoirs (SMD reservoir play, shown right) were effectively overlooked
- Refreshed exploration strategy will focus on conventional reservoirs that are proven to be oil-bearing within the adjoining acreage to the north, on correlatable sequences with oil shows in Icewine 1
- Trapping mechanism of the Brookian sandstone reservoirs is stratigraphic, with intraformational shales, which formed during marine transgressions
- Hue-HRZ marine shales provide hydrocarbon charge

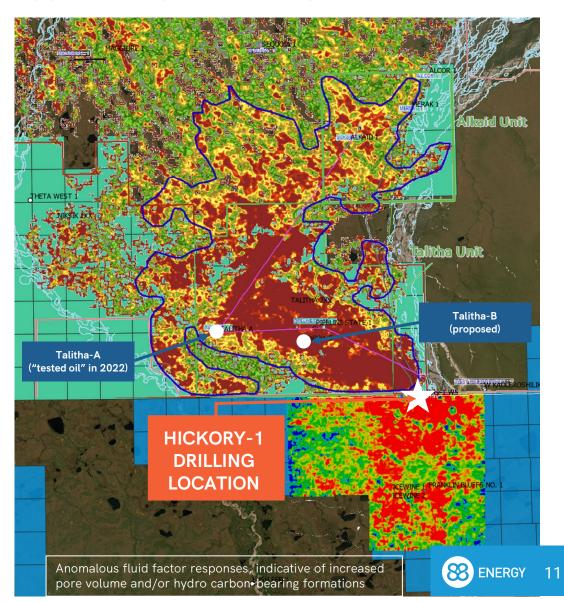


- SMD: Oil shows at Icewine 1 and 2 1 2 3
- **SFS:** Primary target for Pantheon at Alkaid. Alkaid-2 early in flow back process with promising potential¹ <a>4
- **BFF:** Oil shows at Icewine 1 **6**
- KUPARUK: Upside target and regional producer 60

1. HICKORY-1 INFORMED BY ANALYSIS OF AN EXTENSIVE DATA SUITE

High quality 2D and 3D seismic data interpretation supported by AVO analysis¹

- Access to an extensive 2D seismic database facilitated initial determination of prospective volumes
- The Franklin Bluffs 3D seismic data survey (FB3D) (covering Project Phoenix) was licensed by 88E in 2022
- Seismic studies of the FB3D, including Amplitude Versus Offset (AVO) analysis and seismic inversion were used to optimise the drilling location of Hickory-1
- AVO analysis of FB3D validates 88E's depositional model, with the highest energy region being located within the northeast of the Phoenix acreage immediately adjacent to the shelf break
- Interpretation of the seismic data shows thick reservoir development while RMS amplitude extractions from the SMD reservoir unit indicate the development of higher quality sands at Hickory-1 compared to Icewine-1
- Pantheon's recently proposed Talitha-B well is less than 6
 miles from the planned Hickory-1 location and closer to the
 Phoenix border than prior wells
- This further builds confidence in the Hickory-1 well location given Pantheon's extensive well and seismic data in the area



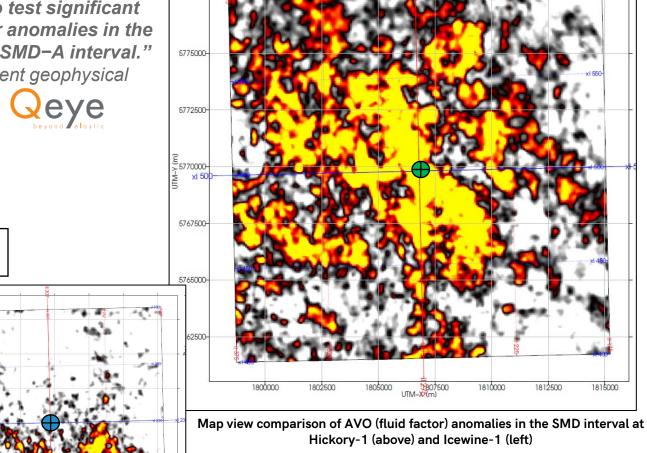
HICKORY-1 WELL TO **SPUD IN Q1 2023 TARGETING** 647 MMB0^{1,2}

"IMPORTANTLY, THE HICKORY-1 WELL HAS BEEN SIGNIFICANTLY DE-RISKED BY THE RECENT DRILLING AND FLOW TESTS CARRIED OUT ON THE ADJACENT ACREAGE BY PANTHEON RESOURCES, AS WELL AS DATA FROM THE ICEWINE-1 WELL LOGS AND THE MODERN FB3D DATA SET."

Ashley Gilbert, Managing Director

"Hickory-1 well location is selected to test significant fluid factor anomalies in the SMD-C to SMD-A interval." Independent geophysical consultants Qeye

> Hickory-1 Icewine-1



1. Net mean total unrisked prospective resource. Please refer to the ASX release dated 23 August 2022 for full details with respect to the Prospective Resource estimate, associated risking and the Cautionary Statement on page 3. Hickory-1 is targeting the 647 MMBO unrisked net mean prospective resources for Icewine East noted on the Resources and Reserves







Premium quality oil exploration assets

Project Phoenix

Operator, ~75% working interest and ~62K net acres

Project Icewine West

Operator, ~75% working interest and ~122K net acres

P Project Peregrine

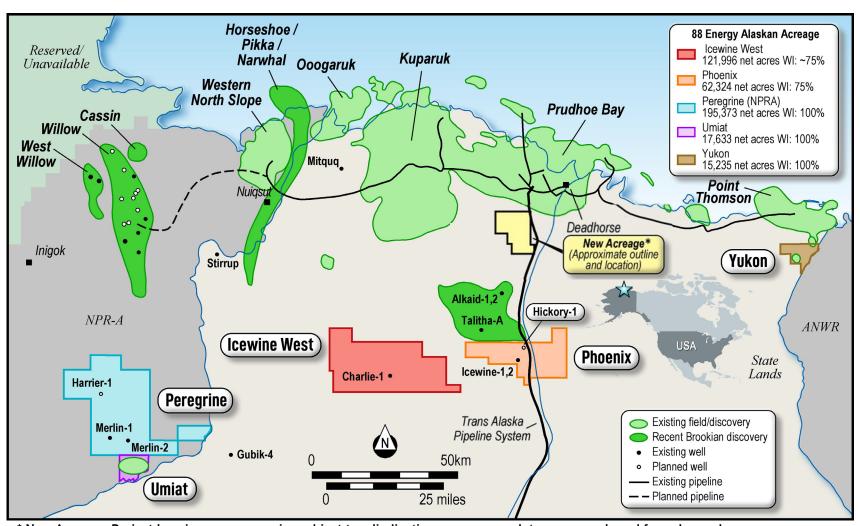
Operator, 100% working interest and ~195K net acres

Umiat Oil Field

Operator, 100% working interest and ~18K net acres

Yukon Leases

Operator, 100% working interest and ~15K net acres



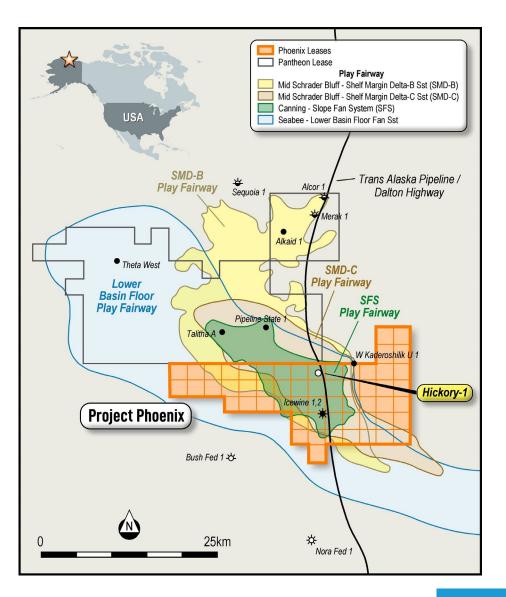
^{*} New Acreage: Project Leonis acreage remains subject to adjudication process, regulatory approvals and formal award which is expected in 1H 2023. Refer to ASX announcement 10 November 2022.

Project Phoenix | Operator, ~75% WI

- Formerly referred to as Project Icewine East
- Infrastructure led exploration adjacent to TAPS and Dalton Highway
- Benefiting from historic on-block drilling and logging data
- Offset drilling results assist in lowering risk assessment
- Informed by an extensive suite of data analysis, including 3D seismic
- Phased, scalable development approach possible
- Optimal drilling location for planned Q1 2023 hickory-1 well

PROJECT PHOENIX ^{6,7}	Unrisked Net Entit	lement to 88E ¹ l	Prospective Oi	il Resources (M	/Mstb) ^{4,5}
Prospects (Probabilistic)	Low (1U)	Best (2U)	High (3U)	Mean	COS ³
Shelf Margin Delta (SMD A, B & C)	44	140	326	145	81%
Slope Fan Set (SFS)	24	84	217	89	50%
Basin Floor Fan (BFF)	75	341	930	358	50%
Kuparuk (KUP)	24	56	98	56	72%
Prospects Total				647 ²	

- 1.88 Energy net resources have been calculated using a 75.227% working interest and a 16.5% royalty.
- 2. The unrisked means, which have been arithmetically summed, are not representative of expected total from the prospects and implies a success case in all reservoir intervals. 88 Energy cautions that the arithmetically summed 1U estimate may be a conservative estimate and the arithmetically summed 3U estimate may be optimistic when compared to a statistical aggregation of probability distributions.
- 3. COS represents the geological chance of success as assessed by 88 Energy and reviewed and endorsed by LKA.
- 4. Prospects are subject to a phase risk (oil vs gas). Chance of oil has been assessed as 100% for all targets except for the Kuparuk Formation which has been assessed as 70%. Phase risk has not been applied to the unrisked numbers.
- 5. The Prospective Resources have not been adjusted for the chance of development. Quantifying the chance of development (COD) requires consideration of both economic and other contingencies, such as legal, regulatory, market access, political, social license, internal and external approvals and commitment to project finance and development timing. As many of these factors are outside the knowledge of LKA they must be used with caution.
- 6. Formerly referred to as Icewine East.
- 7. Please refer to the ASX announcement dated 23 August 2022 referencing "Project Icewine East Prospective Resource Estimate".
- 8. Refer to cautionary statement on slide 3

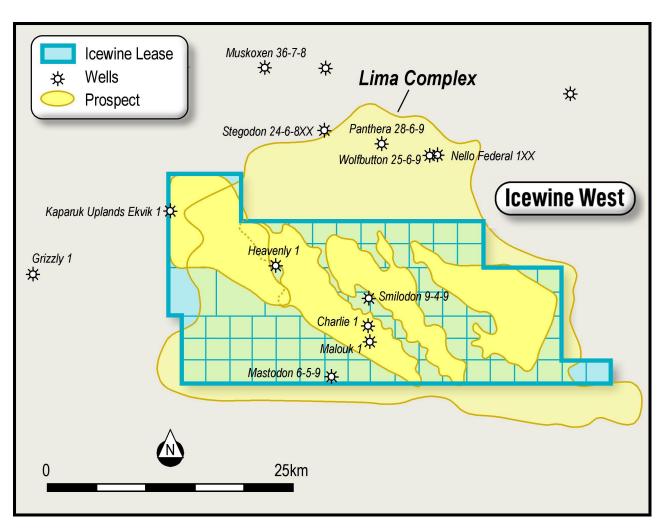


Project Icewine West | Operator, ~75% WI

- Charlie-1 discovery well drilled in 2020 recovered hydrocarbons during wireline operations with an API gravity between high-40 to low-50 (Torok formation)
- Targeting a follow-up appraisal well in future years post any successful flow test in Project Phoenix
- Lima Complex Prospect, Seabee Formation, is the same play type (but slightly older) and expected oil type as the Basin Floor Fan in Project Phoenix

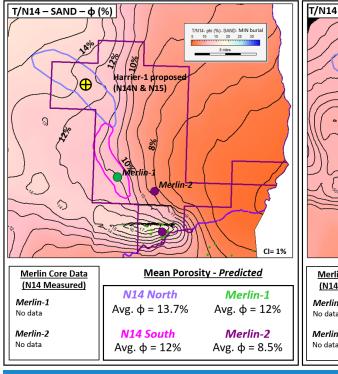
PROJECT ICEW NET ENTITLEME		VE RESOUF	RCE (MM	BO, UNRI	ISKED)
Prospects	Formation	Low (1U)	Best (2U)	High (3U)	Mean
Lima Complex	Seabee	134	613	1756	889
Stellar Fan 1-6	Torok	49	155	452	222
TOTAL MEAN PRO	TOTAL MEAN PROSPECTIVE OIL RESOURCE 1,1111				

Net Entitlement to 88E. Please refer to the ASX release dated 10 November 2020 for full details with respect to the Prospective Resource estimate, associated risking and the Cautionary Statement on page 3



P Project Peregrine | Operator, 100% WI

- Project area encompasses 195,373 acres
- Multiple independent drill-ready targets remain untested within the acreage (Harrier-1 and Merlin-1A)
- NPRA is a proven petroleum province following discoveries at Umiat, Willow, Alpine amongst others
- Anticipated exploration activity North (Conoco's Harpoon) and West (Armstrong's Castle West) may provide an opportunity for future cost sharing arrangements
- Historic exploration indicated:
 - Evidence of hydrocarbons in all three primary Merlin-1 and Merlin-2 targets
 - Biomarker analysis consistent with Hue/HRZ type oil
 - Carbon isotope analysis of mud gas and core samples returned vitrinite reflectance values between 0.7 and 1% Ro – proof that Project Peregrine acreage is oil prone
- High Resolution Gas Chromatography performed on Merlin-2 side wall cores show, like Merlin-1, definitive evidence of hydrocarbons at Project Peregrine
- Results of a recent, independent basin modelling study, coupled with abundant oil shows across Merlin-1 and Merlin-2, are encouraging for untested Harrier and Harrier Deep prospects to the North

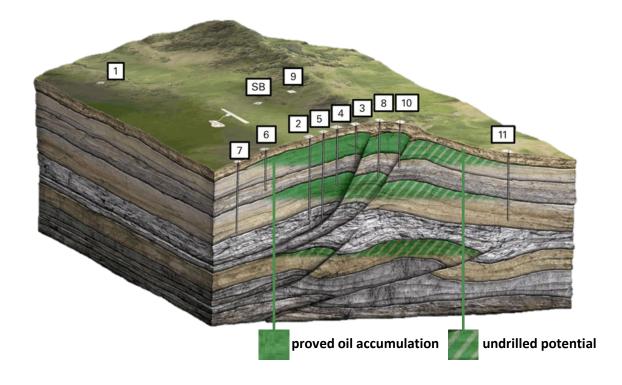


2%	T/N14 - SAND - k (r		TA114- k(mD)- SAND- MIN burial 10 (01 631 01 1 1 10 100 100 100 100 100 100 100
	Merlin Core Data	Mean Permeal	oility - Predicted
\neg I	(N14 Measured)	N14 North	Merlin-1
ó	<i>Merlin-1</i> No data		Avg. k = 7 <u>mD</u>
6	Merlin-2 No data	N14 South Avg. k = 6 <u>mD</u>	Merlin-2 Avg. k = 0.09 <u>mD</u>

PROSPECTIVE RESOUR	(CE (MMBO, UNRISKED))			
Prospects	Formation	Low	Best	High	Mean
Merlin-2 (N20, N19 & N18)	Nanushuk	To be re		n conjunct l analysis	ion with
Merlin-1A (N14S)	Nanushuk	25	87	282	132
Harrier	Nanushuk	41	175	796	353
Harrier Deep	Torok / Basin Floor Fan	35	226	1,132	486

Umiat Oil Field | Operator, 100% WI

- Located immediately adjacent to Project Peregrine
- Historic flow testing demonstrated a sustained rate of 200 barrels per day with no water (with a maximum rate of 800 barrels of oil per day)
- Recently completed AVO work (McColgan, 2022) indicates upside potential at Umiat as well as better, apparent trap definition / resolution
- Studies continuing to review historical development plans have identified potential cost savings on planned development CAPEX
- Opportunity exists for the optimisation of historic development plans
- Investigation of new lightweight low-cost rig for future appraisal well



RESERVES (Barrels of oil; '000) 1, 4		
Classification	Gross	Net ^{1,2}
Proven reserves (1P) ³	-	-
Probable reserves (2P)	123,692	94,007
Possible reserves (3P)	57,156	43,439

^{1.} Refer to ASX Announcement on 11 January 2021 for further detail in relation to pricing assumptions and ASX Reserves & Resources Reporting Notes

^{2.} Note Cautionary Statement on page 3

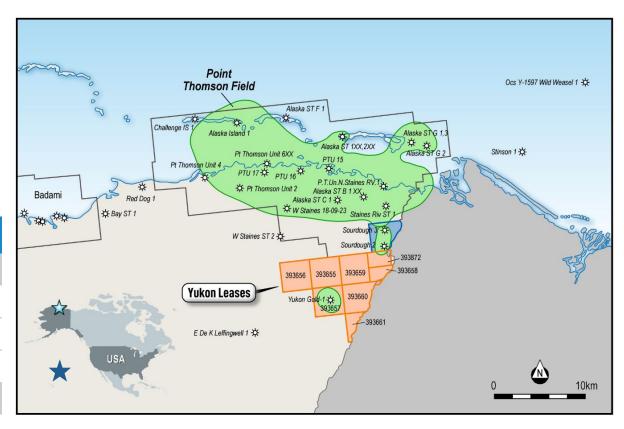
^{3.} No 1P reserves net estimated currently as there is no plan of development in place that includes all of the necessary approvals required to enter into production.

^{4.} This information was prepared and first disclosed under the SPE-PRMS 2007. It has not been updated since to comply with the SPE-PRMS 2018 on the basis that the information has not materially changed since it was last reported.

Y Yukon Leases | Operator, 100% WI

- Historic oil discovery located in the acreage
- Discussions with nearby lease owners for joint development area with due diligence ongoing
- Remaining Yukon acreage retained on State lands after relinquishment of Tract 29 in ANWR in Q2 2022

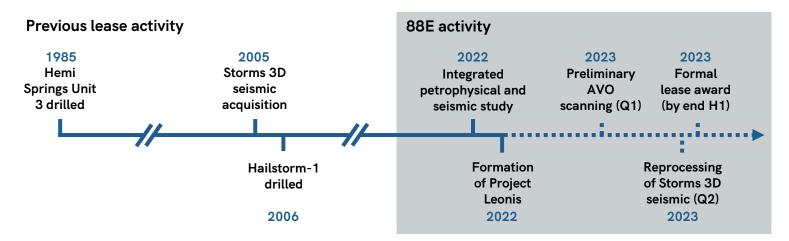
PROSPECTIVE RESOURCE (MMBO, UNRISKED)					
Prospects	Formation	Low	Best	High	Mean
Cascade	Canning / Fan	24	64	162	82
PETM1	Staines Tongue / Topset	3	6	10	6
PETM2	Staines Tongue / Topset	1	1	2	1
TOTAL MEAN PROSPECTIVE OIL RESOURCE ^{1, 2}					90

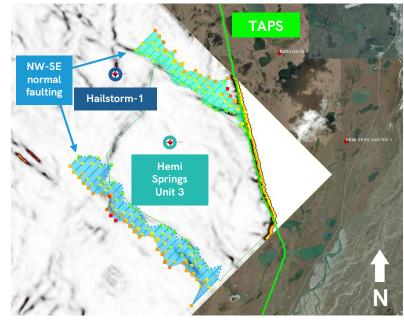


^{1.} Classified in accordance with SPE-PRMS as at 7th November 2018 using probabilistic and deterministic methods on an unrisked basis. Prospects and Leads identified from interpretation of 0 modern 3D seismic acquired in 2018 across the Yukon Leases, which comprises 15,235 gross acres on the Central North Slope of Alaska. 88 Energy is Operator of record at the Yukon Leases (through its wholly owned subsidiary Regenerate Alaska, Inc. 2. Note Cautionary Statement on page 3

New acreage | Project Leonis

- In November 2022, 88E was declared the highest bidder for 10 leases covering 25,600 contiguous acres immediately south of Prudhoe Bay¹
- Preliminary interpretation of modern Storms 3D seismic identified the Upper Schrader Bluff (USB) reservoir penetrated by Hemi Springs Unit 3 is isolated from other wells in the vicinity
- The USB reservoir is a producing unit to the North (including the West Sak and Polaris fields, amongst others)
- Hemi Springs 3 reported "oil over shakers" at multiple depths was later abandoned when deeper primary targets were not correspondent with oil shows
- 88E's active preliminary data examination has calculated over 200 ft of net pay in the USB reservoir using modern log analysis techniques²





Time slice of Edge Detection attribute run on the Storms 3D seismic. Edge detection attribute clearly shows NW-SE normal faulting as well as a NE-SW feature which separates the reservoir at Hemi Springs Unit 3 from that of nearby Hailstorm-1

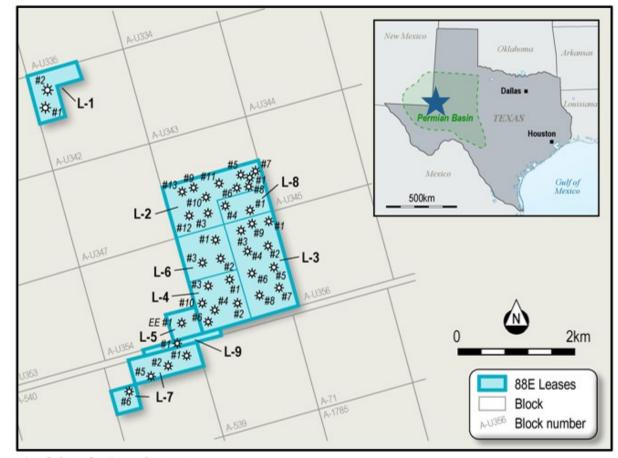
- 1. Formal award expected by end H1 2023, subject to an adjudication process and regulatory approvals
- 2. Further advancement of Project Leonis dependent on outcomes of further planned data analysis



3. INCREASING DIRECT PRODUCTION EXPOSURE

Project Longhorn delivering solid cash flows from increased production

- Circa 73% average net working interest in onshore established production assets located in the Permian Basin, Texas²
- Net 2.1 MMBOE 2P independently certified reserves, 31 December 2021^{1,2,3}
- Six work-overs successfully in 2022 delivering increased production since February 2022 acquisition
- Average Q4 2022 production of ~420 boe/day gross (~70% oil) with peak production of 580 boe/day gross⁴
- Four work-over and at least five new drill targets remain on the acreage⁵
- Solid net 88E cash flows expected allow for coverage of Alaskan acreage position (US\$2.7M/pa lease payments) as well as study costs and technical overheads to advance exploration efforts^{1,4}
- Forecast 88E net cash flows for FY23: ~A\$6M (~US\$80/bbl and AUD/USD FX Rate of \$0.67)⁴



- 1. Refer to Cautionary Statemen
- 2. Refer to ASX announcement on 21 February 2022 for transaction details.
- 3. Refer to ASX announcement 21 February 2022 announcing the acquisition of Project Longhorn assets and initial reserves estimates and assumptions.
- 4. Based on Operator and internal reports and forecasts.
- 5. Subject to AFE and JV approvals.

Cautionary Statement: The estimated quantities of petroleum that may be potentially recovered by the application of a future development project relate to undiscovered accumulations. These estimates have both an associated risk of discovery and a risk of development. Further exploration, appraisal and evaluation are required to determine the existence of a significant quantity of potentially movable hydrocarbons.



88 ENERGY: A PREMIUM E&D EXPOSURE

High impact Alaskan exploration supported by conventional Texan production assets



HIGH IMPACT ALASKAN ACREAGE POSITION



INFRASTRUCTURE-LED EXPLORATION



MODERN HIGH QUALITY 2D AND 3D SEISMIC ANALYSIS



CONTIGUOUS TO MULTI-BILLION BARREL OIL RESOURCE



PRODUCTION CASHFLOWS
SUPPORT FUTURE ACTIVITIES



ACTIVE ASSESSMENT OF NEW VENTURE OPPOURTUNITIES

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