



HIGH IMPACT MULTI-WELL DRILLING PROGRAM ONSHORE NAMIBIA

**July 2024** 



# **Forward Looking Information**

Certain information in this Presentation may constitute "forward-looking statements" or "forward-looking information" within the meaning of applicable securities legislation in Canada, the United States and any other applicable jurisdiction (collectively, "forward-looking statements"). Forward-looking statements are provided as of the date of this Presentation and Reconnaissance Energy Africa Ltd. (the "Company") does not intend, and does not assume any obligation, to update these forward-looking statements, except as required by applicable securities law.

Forward-looking statements are often, but not always, identified by the use of words such as "anticipate", "believe", "could", "estimate", "expect", "forecast", "guidance", "intend", "may", "plan", "predict", "project", "should", "target", "will", or similar words suggesting future outcomes or language suggesting an outlook. These statements represent management's expectations or beliefs concerning, among other things, future operating results and various components thereof or the economic performance of the Company and future production and grades. The projections, estimates and beliefs contained in such forward-looking statements necessarily involve known and unknown risks and uncertainties that may cause actual performance and financial results in future periods to differ materially from any projections of future performance or results expressed or implied by such forward-looking statements. Operating conditions can have a significant effect on the timing of events. Accordingly, investors are cautioned that events or circumstances could cause results to differ materially from those predicted. Management of the Company believes the expectations reflected in those forward-looking statements are reasonable, but no assurance can be given that these expectations will prove to be correct and such forward-looking statements included in this Presentation should not be unduly relied upon.

In particular, this Presentation contains forward-looking statements pertaining to, among others, the estimates of prospective resources, the development of a multi-well exploration drilling campaign, the ongoing joint venture process, reduced drilling costs by up to 50% by owning the drilling rig as well as providing control over ongoing drilling program, a proved active petroleum system in the Kavango Basin, and the ability to monetize commercial accumulations of oil and or natural gas.

Forward-looking statements are based on the Company's current beliefs as well as assumptions made by, and information currently available to, the Company concerning future oil and natural gas production levels, the ability to obtain financing on acceptable terms, the ability to renew licenses on favourable terms, and the ability to complete future well drilling in accordance with expected timelines.

Actual results could differ materially from those anticipated in these forward-looking statements as a result of the risk factors set forth below and discussed more extensively in the Company's public disclosure, including the annual information form of the Company dated June 20, 2023 for the financial year ended December 31, 2021: risks related to the nature of the business of the Company; risks related to permits, licences, approvals and authorizations including maintaining and renewing current licenses on favourable terms; risks related to operating in African countries; and joint venture risks.

The above summary of major risks and assumptions related to forward-looking statements included in this Presentation has been provided for readers to gain a more complete perspective on the Company's future operations. However, readers should be cautioned that the above list of factors is not exhaustive, and that this information may not be appropriate for other purposes. Forward-looking statements included in this Presentation are valid only as at the date of this Presentation and the Company does not intend to update or revise these forward-looking statements except as required by applicable securities laws. The forward-looking statements contained in this Presentation are expressly qualified by this cautionary statement.



With respect to the Company's Namibian assets, as the Damara Fold Belt is a prospective resource and the first potential production in the Kavango Basin, an evaluation of commercialization will await a successful discovery well to provide critical production test data, including rates and pressures. Based on reservoir studies, including samples, core, well log analysis, and internal Company estimates, the production is expected to be a combination of oil, natural gas liquids and natural gas, and the reservoir is expected to be a conventional reservoir system, not requiring any special technology for production.

With respect to the Company's Namibian assets, as the Rift Basin is a prospective resource and the first potential production in the Kavango Basin, an evaluation of commercialization will await a successful discovery well to provide critical production test data, including rates and pressures. Based on reservoir studies, including samples, core, well log analysis, and internal Company estimates, the production is expected to be oil with some potential gas and gas liquids, and the reservoir is expected to be a conventional reservoir system, not requiring any special technology for production.

Regarding infrastructure, this area of northeast Namibia has good overall infrastructure, including transportation, communications and services. There is no oil or gas production infrastructure at this time. There is a very strong market for local power generation for Namibia and for all of southern Africa. Conceptually, Gas-To-Power technologies are expected to be the initial commercialization approach, and the main transmission grid for the region crosses PEL 73. It is premature at this time to estimate total cost and time to achieve commercial production.

There are two Prospective Resource Reports prepared by Netherland, Sewell & Associates, Inc. ("NSAI") referred to in this presentation. The first is a report prepared by NSAI dated March 12, 2024, entitled "Estimates of Prospective Resource to the Reconnaissance Energy Africa Ltd. Interest in Certain Opportunities located in the Damara Fold and Thrust Belt Play Area in PEL 73 Kavango Basin, Namibia as of February 29,2024" (the "NSAI Damara Report"). Values represent sum of prospective oil resources for prospects adjusting for the Company's working interest of 90%.

The second prospective resource report referred to in this presentation was prepared by NSAI entitled "Appendix to NI 51-101 Report" ("NSAI 51-101 Report") dated July 28, 2023, with an effective date of March 31, 2023. Values represent sum of prospective oil resources for prospects adjusting for the Company's working interest of 90%.



# **RECON 2.0 | Corporate Snapshot | What's New – Everything**

### **Corporate Snapshot**

Experienced Management Team with Established Track Record

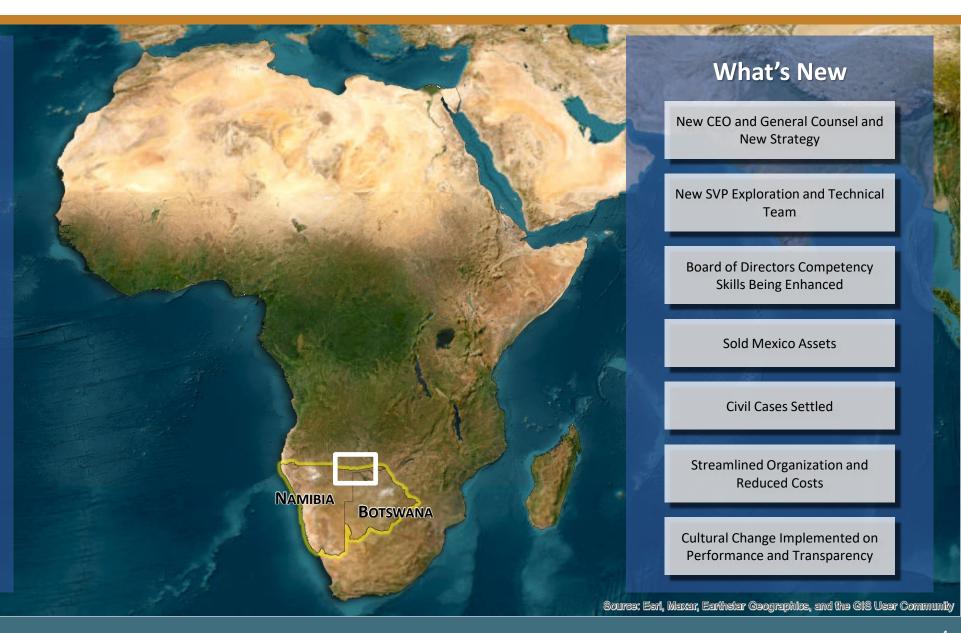
~8.1 Million Acre Concessions Secured with Running Room on Success

Multi-Well Drilling Portfolio First Exploration Well Drilling

De-risked Working Petroleum System with Oil Shows and Gas Seeps

Improving Equity Liquidity
Following Successful Financing

Multi-Well Drilling Program Started July 2024



# **Executive Leadership and Technical Advisory Team Extensive Exploration Experience**

#### **Executive Leadership Team**





BRIAN REINSBOROUGH Chief Executive Officer

Deepwater Industry thought leader, with over 35 years of experience including 20 vears in deepwater Gulf of Mexico with a successful track record of building DW companies; made over 18 discoveries in his career including 2 significant discoveries.

Chairman and CEO Venari Resources: President and CEO of Nexen USA.

Discovered over 2.5 bn of oil in his career and raised over \$2.5 bn of equity over course of career.



CHRIS SEMBRITZKY SVP Exploration

Chris is an experienced geologist with a track record of international exploration, appraisal and development programs with significant business development experience.

Over a 20-year career at Anadarko he worked in over forty countries.

Prior to his retirement from Anadarko, Chris was the Vice President of International Exploration, Business Development and New Ventures.





ADAM RUBIN **General Counsel** 

Senior General Counsel providing strategic insight and advice to CEOs and Board Chairs.

Expert on financings. M&A, divestitures, governance, ethics, regulatory and stakeholder relations.

Provides a strong entrepreneurial /business judgement orientation at the highest-level business decisions.



HON. DIANA MCQUEEN SVP Stakeholder Relations &

Ms. McQueen has energy and environmental public policy experience from regional, provincial and international levels. She currently serves as a director of MEG Energy.

She has held various Alberta provincial cabinet roles during 2008 to 2015, including Minister of Energy, Minister of **Environment** and Water, and Minister of Municipal Affairs.





**NICK STEINSBERGER SVP Operations** 

35 years of Petroleum Engineering experience in Drilling and Completions.

Innovative and a strong team leader.

Responsible for the stimulation process used in all Shale plays today, developed during his work with Mitchell Energy in the Barnett Shale.

Drilled and completed over 1.200 vertical and horizontal wells throughout North America and worked in most shale basins active today.



**CARLOS ESCRIBANO** Chief Financial Officer

CFO for several publicly traded multi-national resources companies with over 15 years of experience.







**Technical Advisory Team** 



JIM OHLMS Senior Commercial Advisor

Highly experienced professional with strong Petroleum Engineering foundation and over 30 years of experience

Proven value delivery through engineering, mergers & acquisitions, international commercial development and exploration.

Most recently served as Managing Director -Ghana/Commercial Manager, West Africa for Anadarko and Occidental.

Geoscientist with over 25 years' experience in petroleum systems, prospect generation, and drilling operations.

Senior Geoscience Advisor

Successful in both exploration and development roles in numerous basins within the U.S. and globally.

Most recent work focused on Eastern and Southern Africa. including Mozambique (Rovuma basin discoveries), South Africa and Madagascar.



### **Differentiating Investment Case**

# HIGH IMPACT PORTFOLIO

- Deepwater resource potential with onshore cost structure
- Significant running room captured in Damara fold belt play
- Play opening wells in the Damara fold belt play

# MULTIPLE MONETIZATION OPTIONS

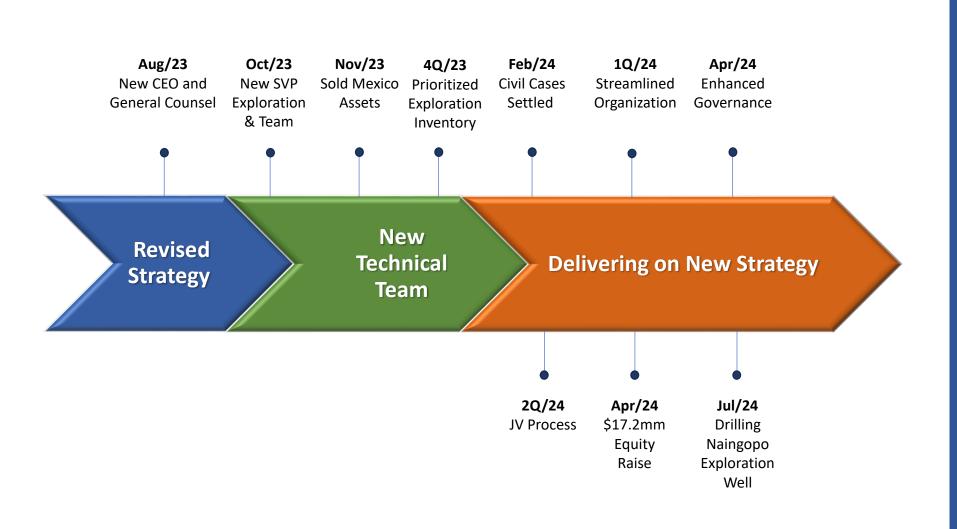
- Deploy Early Productions System in oil success case utilizing nearby infrastructure
- Gas monetization options are ideally located to source low carbon intensity clean sources of gas to local, regional and global markets

# CYCLE TIME AND COST STRUCTURE ADVANTAGE

- Deepwater resource potential with the cost structure at fraction of the cost
- Early Productions System allows oil to come to market in 3 years from exploration discovery
- Low F & D costs, cycle time and significant upside yield great returns



# **Delivering on New Strategy | Recon 2.0**



New management team has completely transformed company

Namibia onshore 6.1mm acres – two major plays

Multi-well program to mitigate risk

Cost advantage of onshore

Early Production System

Near term catalysts



# **Namibia | Onshore Investment Proposition**

#### **High Quality Stable Business Environment**

#### √ Business Friendly Environment

- Multi-party parliamentary stable democracy
- Pro-business government party
- Highly developed banking system

#### ✓ Commercial Framework

- Attractive fiscal terms
- Government carry of 10% until commercialization

#### ✓ Legal

- International arbitration UN
- Corruption Perceptions Index Rank 59 Globally
- Transparent legal and fiscal system
- √ Favorable Infrastructure nearby
- √ Strong Government support for energy development



#### Namibia - The Next Guyana?

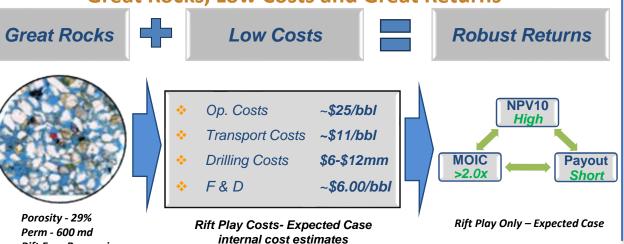
- ✓ Over the last 24 months Discovered
  - Over 11 Billion Bbls and 8.7 TCF Gas<sup>(1)</sup>

#### ✓ Majors

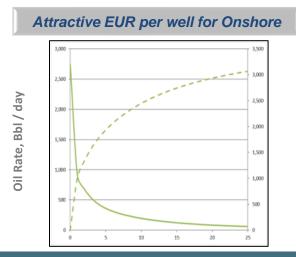
- Shell, Total, Chevron, Azule (BP/ENI),
   Woodside, Qatar Energy
- ✓ Investments
  - Over \$10 Billion

(1) Source: <u>Upstream Online</u>

### **Great Rocks, Low Costs and Great Returns**



# Multi Play, Multi Well, Portfolio with Running Room







Rift Ecca Reservoir

# **Capital Structure And Trading History**

#### **CAPITALIZATION**

(All figures in C\$ millions or millions of shares, except per share values)

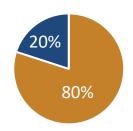
	TSXV:RECO
Share Price <sup>(1)</sup>	\$1.40
Basic Shares Outstanding <sup>(2)</sup>	230.2
Options <sup>(1,2,3)</sup>	7.1
Warrants <sup>(1,2,3)</sup>	27.4
Diluted Shares Outstanding	264.7
Market Capitalization	\$322.8
Cash <sup>(2)</sup>	\$16.8
Debt	\$0.0
Enterprise Value	\$305.5

#### Research Coverage (Average 12 Month Target Price C\$2.08)

- Research Capital Corp. Bill Newman
- · Fox Davies Capital Lionel Therond
- Haywood Securities Christopher Jones

#### TRANSITIONING THE SHAREHOLDER BASE - FROM RETAIL TO INSTITUTIONAL

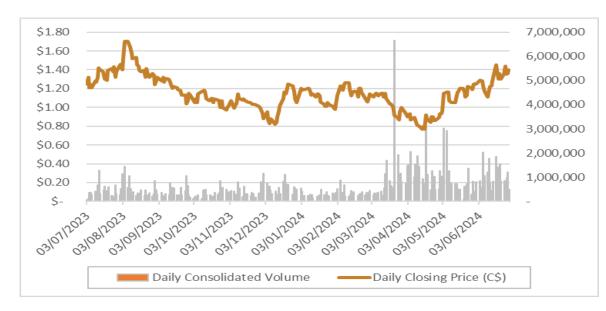
Order Book from March 2024 Equity Financing





- 1) As of June 30, 2024
- 2) Pro-forma bought deal financing announced on March 21, 2024 and closed April 3, 2024
- 3) Represents only in the money options and warrants, total options and warrants outstanding 59.1 million

#### 1 YEAR TRADING HISTORY - IMPROVING PRICE AND VOLUME

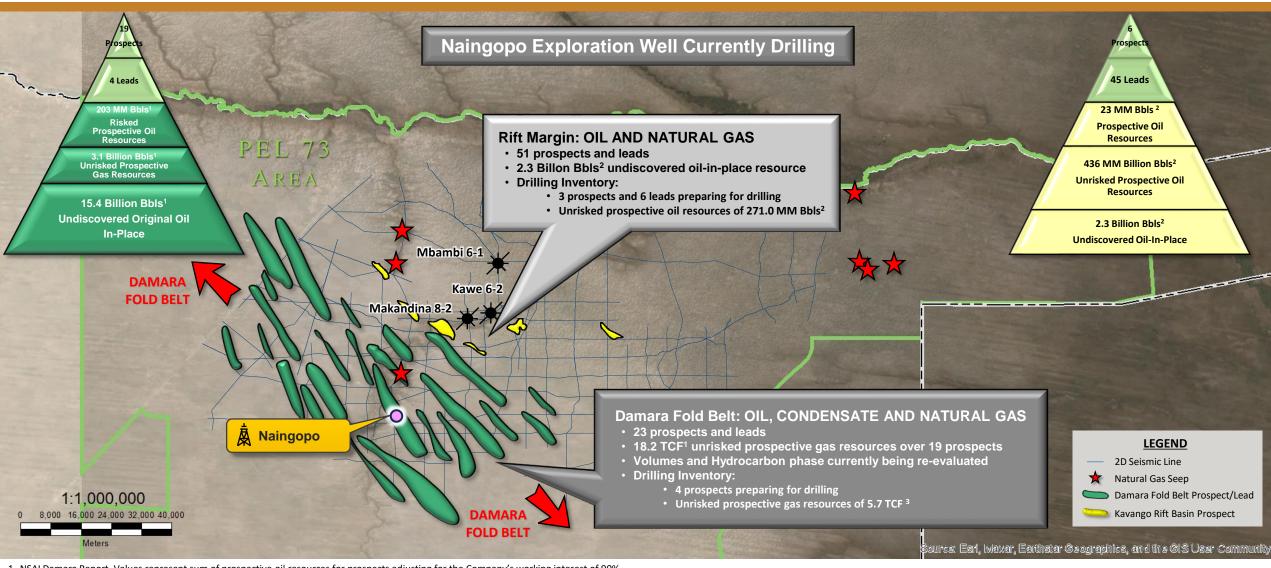


#### LONG TERM TRADING HISTORY: DRILLING DRIVES PRICE ACTION





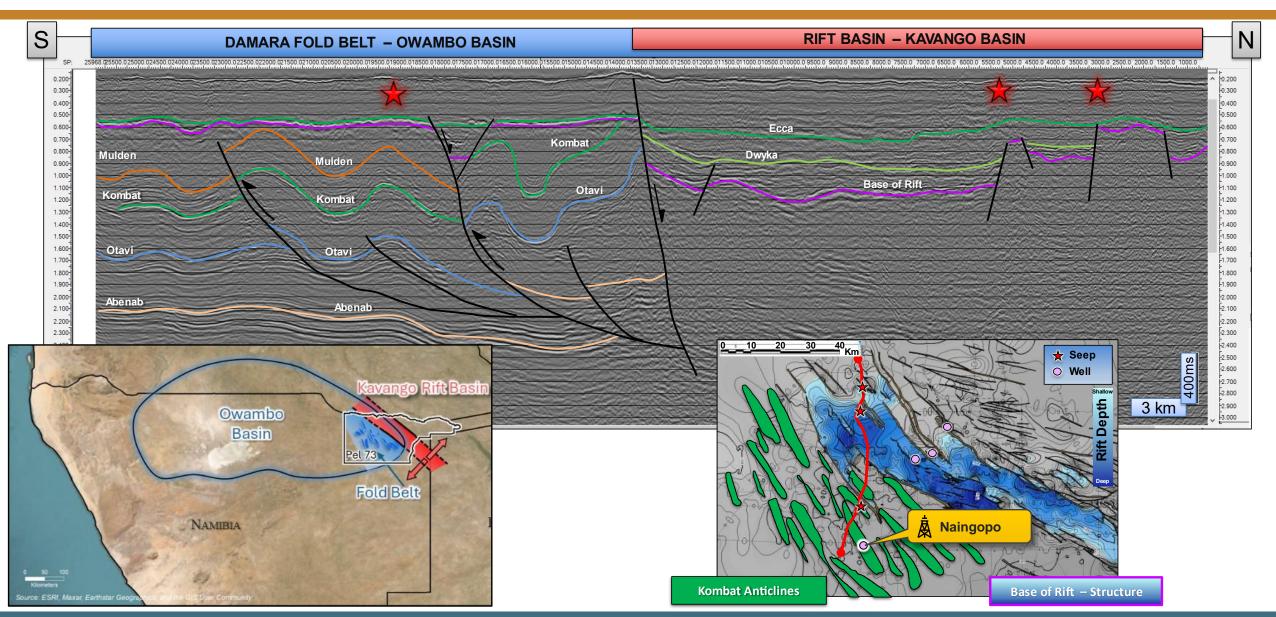
# **Inventory | Damara Fold Belt and Rift Margin**



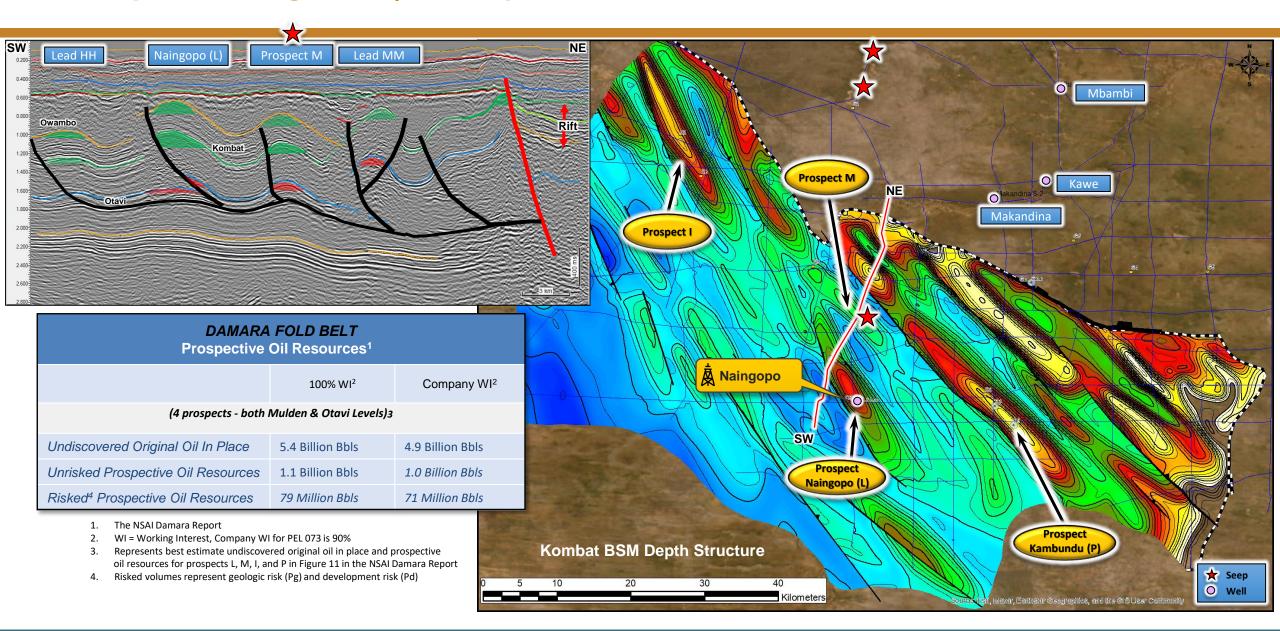
- 1. NSAI Damara Report. Values represent sum of prospective oil resources for prospects adjusting for the Company's working interest of 90%.
- 2. NSAI NI-51-101 Report. Values represent sum of prospective oil resources for prospects adjusting for the Company's working interest of 90%.
- 3. Drilling inventory locations includes prospects (L,M, I, and P) in the Damara Fold Belt and prospects (6,7,63,68) and leads (2,3,4,24A,24B 50) in the Rift Basin



# Regional Overview | Owambo and Kavango Basins

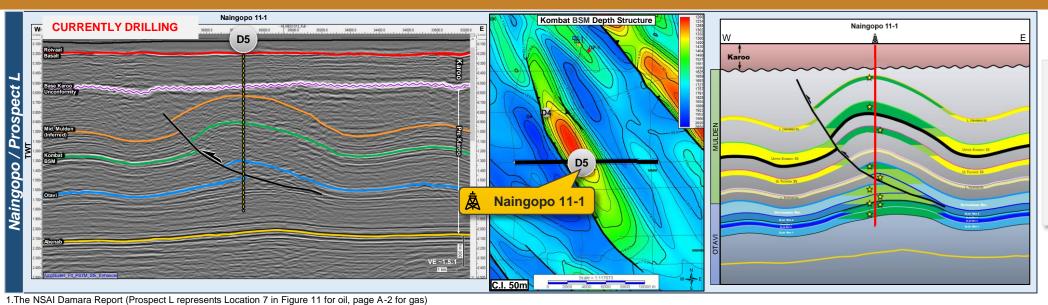


# **Prospect Running Room | 23 Prospects and Leads**





# **Multi-Well Drilling Portfolio | Damara Fold Belt**

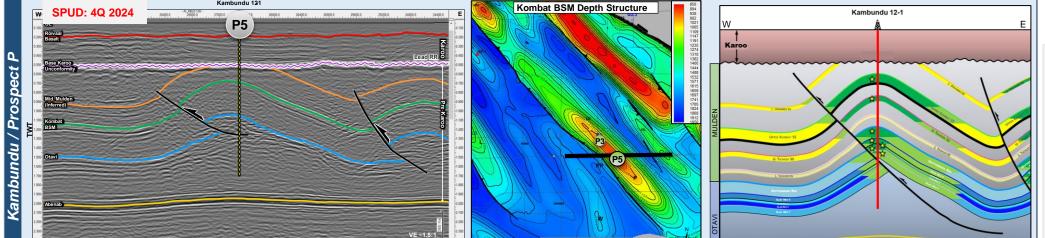


#### Naingopo (L) Attributes:

- Large 4-way dip closures at Mulden
- Stacked reservoirs
- Closures ~4,900 acres

Drilling Depth: 3,800 m MD Chance of Oil: Moderate-High1 Resource Potential:

- 163 MM Bbls
- 843 Bcf 1



#### Kambundu (P) Attributes:

- Large 4-way dip closures at Mulden
- Stacked reservoirs; shallow maturation
- Closures ~4,500 acres

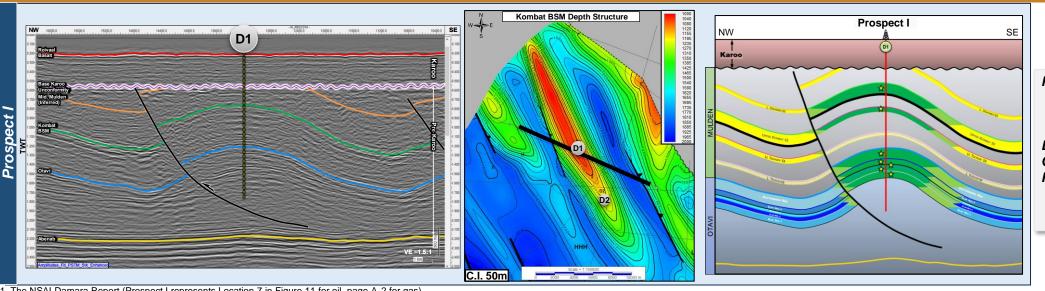
Drilling Depth: 3,800m MD Chance of Oil: Moderate-High <sup>2</sup> Resource Potential:

- 278 MM Bbls
- 1.5 Tcf <sup>2</sup>

2.The NSAI Damara Report (Prospect P represents Location 7 in Figure 11 for oil, page A-2 for gas)



# **Multi-Well Drilling Portfolio | Damara Fold Belt**



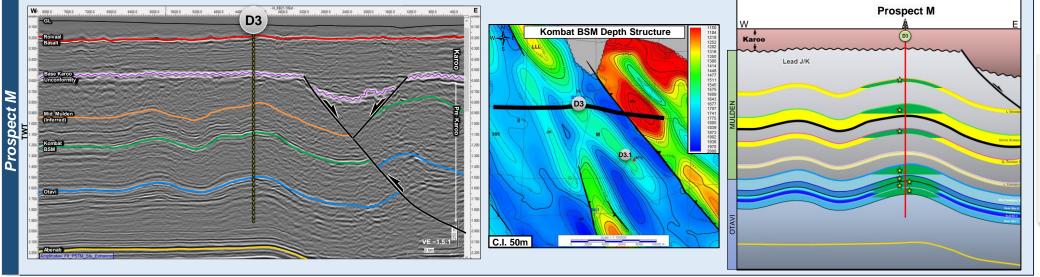
#### Prospect I Attributes:

- Large 4-way dip closures
- · Stacked reservoirs
- Closure = 6,000 acres

Drilling Depth: TBD
Chance of Oil: Moderate<sup>1</sup>
Resource Potential:

- 329 MM Bbls
- 1.7 Tcf <sup>1</sup>





#### Prospect M Attributes:

- Large 4-way dip closures
- · Stacked reservoirs
- Gas seep on structure
- Closure = 2100 acres

Drilling Depth: TBD

Chance of Oil: Moderate-High<sup>2</sup> Resource Potential:

- 201 MM Bbls
- 1.0 Tcf<sup>2</sup>

2. The NSAI Damara Report, (Prospect M represents Location 6 in Figure 11 for oil, page A-2 for gas)



# **Near Term Catalysts and Timeline for Drilling Activity**

				EXPL	ORATION F	ROGRAM	SCHEDULE	1							
		2024							2025						
	JUL	AUG	SEP	ОСТ	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL		
Jarvie-1 Rig	Drill Prospect Naingopo		Mob/ Demob	Drill FB Prospect Kambundu		Testing		Mob/ Demob	Арр	oraisal Drill	ing²				
Seismic Program Rift								3D	Seismic A	cq.	Inte	rpret	Drill G2		

- > Operations team spud well in July 2024<sup>1</sup>
- > Received Environmental Clearance Certificate to drill up to 12 wells to July 2026
- > ReconAfrica owns a 1,000 HP conventional drilling rig (Jarvie-1)
- > Rig ownership reduces drilling costs by up to 50% and provides control on schedule
- > Crew have built and maintained the drilling rig, will operate the drilling rig
- > Rated to drill up to ~13,000 vertical feet

The right rig for Damara Fold Belt and Rift Basin wells.

The rig is mobile, suitable for desert conditions and designed for drilling into conventional formations

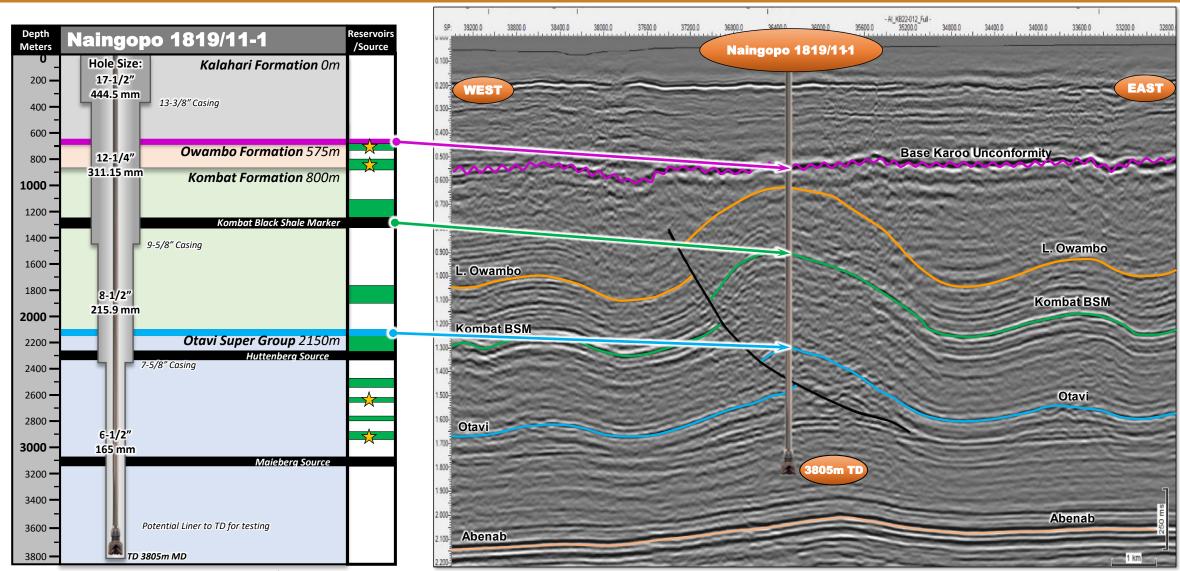


<sup>2.</sup> Appraisal drilling assumes success with one of the first two exploration wells



<sup>1.</sup> Drilling schedule is subject to change

# Prospect Naingopo (L) | Well Drilling Schematic - Currently Drilling



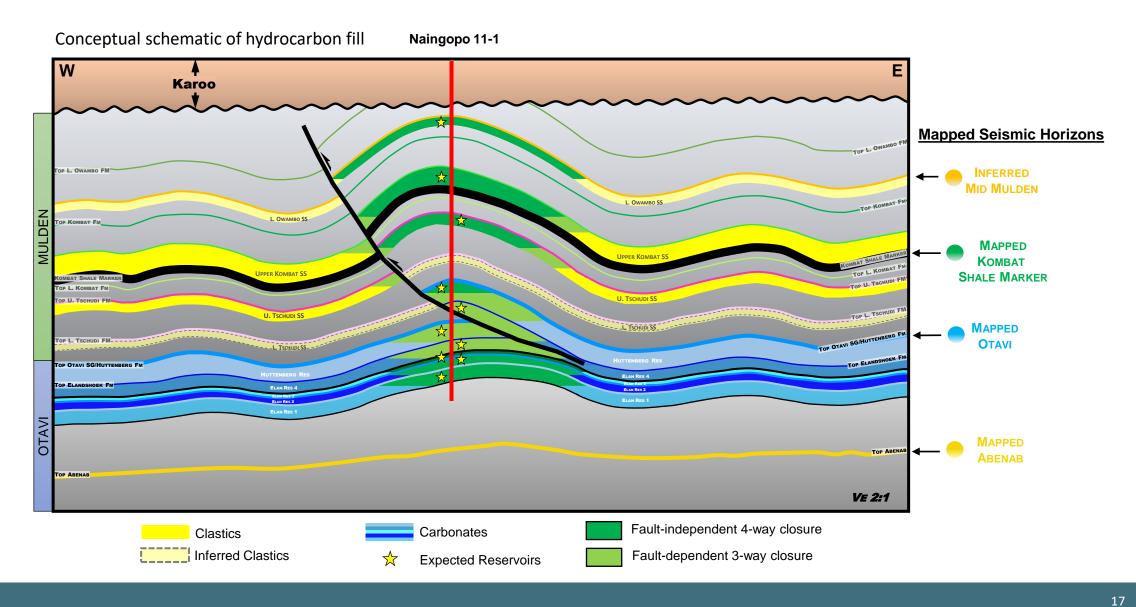


Spud to Rig Release 90 Days

Reservoirs utilized for resource volumes by Netherland, Sewell and Assoc.

Time Section through Naingopo Well

# **Prospect Naingopo (L) | Reservoir Horizons**





# **Monetization Options**

### Oil | Early Production System

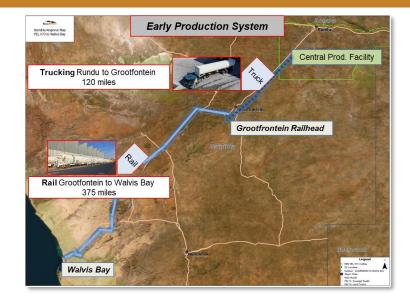
Phase 1.a) Trucking to Walvis Bay

Phase 1.b) Rail to Walvis Bay

Longer term pipeline solution to be integrated into development

**Early Production System Short Cycle to Cash Flow** 

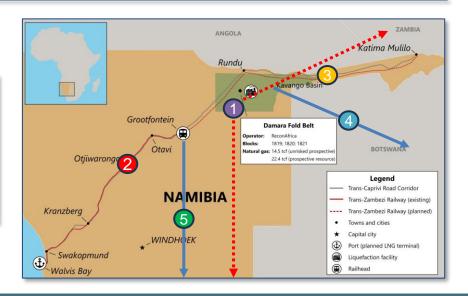
- Proximity to High Quality Road, Rail and Port Infrastructure
- > Road and rail system highly well developed
- > Maximize to the use of existing infrastructure
- > Medium term 8" pipeline to be built from central facility to Grootfrontein



#### Gas | Gas to Power

Phase 2

	Infrastructure	PEL73 Options
1	Power	Gas to Power to SAPP (Southern Africa Power Pool)
2	Liquids Pipeline	LNG onsite rail to Walvis Bay for export and/or pipeline
3	Rail	Rail Trans-Zambezi to Zambia Industrial Mines
4	Rail/Road	Rail & Road to Botswana Mines via Trans-Kalahara Corridor
<b>(5)</b>	Rail/Roads	Rail & Road to Lüderitz Port & SA via the Trans-Oranje Corridor







### **ESG | Generational Commitments**

Create lasting ESG program for social and economic benefit for Namibians and Batswana







#### COMMUNITY

**Generational Commitment** 

Drilled
36 solar powered
freshwater wells

**C\$1.35 million donated for COVID** relief efforts

10 post-secondary education scholarships & 7 nursing scholarship to Kavango & San students

#### **EMPLOYMENT**

Active Engagement with Local Communities

**Strong local hiring** and training policy

Comprehensive Stakeholder
Consultation, Environmental Impact
Assessments and Environmental
Management Plans for all projects
and activities

#### **ECOSYSTEMS**

Strict adherence to regulations, environmental and global best practices

No drilling in designated sensitive areas, local ecosystems will be protected

Working in concert with all relevant Government

Ministries

Namibia's Vision 2030, Harambee Prosperity Plan, NDP5

CDP, UN Global Compact, TCFD, SASB, GRI Sustainability Disclosures



# **ReconAfrica 2.0 Investment Highlights**

Experienced Management Team	➤ Seasoned exploration team with track record of finding Oil and Gas ➤ Experience in Rift Basin and Fold Belt exploration
Near Term Catalysts	➤ Naingopo Exploration Well Drilling
Attractive Risk Profile	➤ Proven petroleum systems with oil in stratigraphic wells and gas seeps ➤ Multi-play, multi-well exploration portfolio
Risk Mitigation	➤ Portfolio approach reduces single well failure and increases chance of success through multiple drilling opportunities
Damara Liquid Potential	➤ NSAI Damara Report highlights significant oil potential in the Damara Fold Belt
Pure Play Namibia Energy	➤ ReconAfrica represents pure play, public investment exposure to Namibia's energy sector





**BRIAN REINSBOROUGH, CEO GRAYSON ANDERSEN, Investor Relations** 

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RECO: TSXV; RECAF: OTCQX; 0XD: Frankfurt





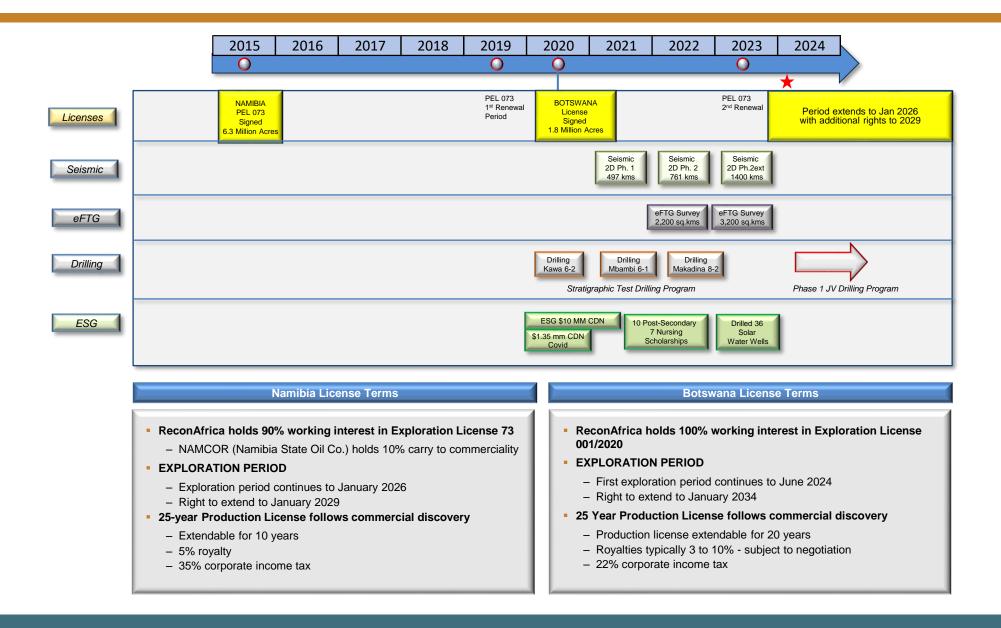






# **Appendix**

# ReconAfrica Timeline | Investments & Terms



The report of Netherland, Sewell & Associates, Inc. ("NSAI") entitled "Estimates of Prospective Resources to the Reconnaissance Energy Africa Ltd. Interests in Certain Opportunities Located in Damara Fold and Thrust Belt Play Area in Petroleum Exploration Licence 73, Kavango Basin, Namibia as of February 29, 2024" (the "NSAI Damara Report") and the prospective resource estimates contained therein and in this presentation were prepared by NSAI, an independent qualified reserves evaluator, with an effective date of February 29, 2024. The NSAI Damara Report was prepared in accordance with the definitions and guidelines of the Canadian Oil and Gas Evaluation Handbook prepared jointly by the Society of Petroleum and Engineers (Calgary Chapter) (the "COGE Handbook") and the Canadian Institute of Mining, Metallurgy & Petroleum and National Instrument 51-101 – Standards of Disclosure for Oil and Gas Activities ("NI 51-101"). For additional information concerning the risks and the level of uncertainty associated with recovery of the prospective resources detailed herein and in the NSAI Report, the significant positive and negative factors relevant to the prospective resources estimates detailed herein and in the NSAI Report applies are contained within the NSAI Report, a copy of which has been filed with the Canadian Securities Administrators and is available under the Company's issued profile on SEDAR+ at <a href="https://www.sedarplus.ca">www.sedarplus.ca</a>.

The prospective resources shown in the NSAI Report have been estimated using probabilistic methods and are dependent on a petroleum discovery being made. If a discovery is made and development is undertaken, the probability that the recoverable volumes will equal or exceed the unrisked estimated amounts is 90 percent for the low estimate, 50 percent for the best estimate, and 10 percent for the high estimate. Low estimate and high estimate prospective resources have not been included in the NSAI Report. For the purposes of the NSAI Report, the volumes and parameters associated with the best estimate scenario of prospective resources are referred to as 2U. The 2U prospective resources have been aggregated beyond the prospect and lead level by arithmetic summation; therefore, these totals do not include the portfolio effect that might result from statistical aggregation. Statistical principles indicate that the arithmetic sums of multiple estimates may be misleading as to the volumes that may actually be recovered.

Oil volumes are expressed in millions of barrels (MMbbl); a barrel is equivalent to 42 United States gallons. Gas Volumes are expressed in billions of cubic feet (Bcf) at standard temperature and pressure bases.

There is no certainty that any portion of the resources will be discovered. If discovered, there is no certainty that it will be commercially viable to produce any portion of the resources.

The NSAI Report estimated the unrisked and risked gross (100 percent) prospective resources and the unrisked and risked company gross prospective resources to the Company's 90% interest in the leads and prospect located in petroleum exploration licence 73 that were subject to the NSAI Damara Report, as of February 29, 2024, to be:

#### IN-PLACE AND PROSPECTIVE RESOURCES

We estimate the best estimate (2U) undiscovered original oil-in-place (OOIP) to the ReconAfrica interest in these prospects, as of February 29, 2024, to be:

	Best Estimate (2U) Und	discovered OOIP (MMbbl)
	Gross	Company
Subclass	(100%)	Gross
Prospects	17,118.1	15,406.2
Leads	765.4	688.9

Oil volumes are expressed in millions of barrels (MMbbl); a barrel is equivalent to 42 US gallons. In-place volumes are reported at surface conditions.

We estimate the unrisked and risked gross (100 percent) 2U prospective oil resources and the unrisked and risked company gross and net 2U prospective oil resources to the ReconAfrica interest in these prospects, as of February 29, 2024, to be:

		Best Estimate	(2U) Prospect	ive Oil Resour	ces (MMbbl)	
		Unrisked			Risked <sup>(1)</sup>	
Subclass	Gross (100%)	Company Gross	Net <sup>(2)</sup>	Gross (100%)	Company Gross	Net <sup>(2)</sup>
Prospects Leads	3,423.6 153.1	3,081.2 137.8	2,927.2 130.9	225.6 5.5	203.0 5.0	192.9 4.7

Note: Prospective resources are the arithmetic sum of multiple probability distributions.



<sup>(1)</sup> These estimates are based on unrisked prospective resources that have been risked for chance of discovery and chance of development. If a discovery is made, there is no certainty that it will be developed or, if it is developed, there is no certainty as to the timing of such development.

<sup>(2)</sup> Net prospective resources are after a 5-percent deduction for royalties.

The NSAI Damara Report estimated the original oil in place volumes and unrisked and risked gross (100 percent) prospective resources to the Company's 90% interest for each of the prospects and leads location in petroleum exploration licence 73 that were subject to the NSAI Report, as of February 29, 2024, to be:

# SUMMARY OF BEST ESTIMATE UNDISCOVERED ORIGINAL OIL-IN-PLACE AND PROSPECTIVE OIL RESOURCES PEL 73, KAVANGO BASIN, NAMIBIA RECONNAISSANCE ENERGY AFRICA LTD. AS OF FEBRUARY 29, 2024

						rospective			spective Oil				
				ered OOIP		sources			without P <sub>d</sub> <sup>(1)</sup>			spective Oll	
				nbbl)	_	nbbl)			nbbl)	au = (3)		s (Mmbbl)	
		Alternate	Gross	Company	Gross	Company	Pg	Gross	Company	Oil P <sub>d</sub> <sup>(3)</sup>	Gross	Company	
Subclass	Location	Name	(100%)	Gross <sup>(2)</sup>	(100%)	Gross <sup>(2)</sup>	(Decimal)	(100%)	Gross <sup>(2)</sup>	(Decimal)	(100%)	Gross <sup>(2)</sup>	Chance of Oil <sup>(4)</sup>
Prospects													
	5	MM	440.3	396.3	88.1	79.3	0.10	8.8	7.9	0.66	5.8	5.2	Moderate
	6	M	1,113.6	1,002.3	222.7	200.5	0.11	24.7	22.3	0.69	17.2	15.4	Moderate-High
	7	L	905.7	815.1	181.1	163.0	0.13	22.6	20.4	0.66	15.0	13.5	Moderate-High
	26	LL	396.2	356.6	79.2	71.3	0.10	7.9	7.1	0.63	5.0	4.5	Moderate
	27	J-K	511.0	459.9	102.2	92.0	0.07	7.3	6.5	0.66	4.8	4.3	Moderate-High
	31	H South	1,962.7	1,766.4	392.5	353.3	0.08	32.6	29.3	0.69	22.6	20.3	Moderate-High
	32	В	683.2	614.9	136.6	123.0	0.13	17.1	15.4	0.66	11.3	10.2	Moderate-High
	63	1	1,825.6	1,643.0	365.1	328.6	0.13	45.6	41.1	0.69	31.7	28.5	Moderate
	66	H North	2,386.6	2,147.9	477.3	429.6	0.10	47.7	43.0	0.69	33.1	29.8	Moderate-High
	67	Q South	330.3	297.3	66.1	59.5	0.07	4.7	4.2	0.59	2.8	2.5	Low-Moderate
	68	O-P	1,545.8	1,391.2	309.2	278.2	0.07	22.0	19.8	0.69	15.2	13.7	Moderate-High
	69	MMM	358.7	322.8	71.7	64.6	0.08	6.0	5.4	0.63	3.7	3.4	Moderate
	71	R/RR	237.7	213.9	47.5	42.8	0.11	5.3	4.7	0.50	2.6	2.4	Low-Moderate
	76	G	842.0	757.8	168.4	151.6	0.11	18.7	16.8	0.66	12.3	11.1	Moderate-High
	78	0	671.0	603.9	134.2	120.8	0.07	9.5	8.6	0.66	6.3	5.7	Moderate
	79	S	347.9	313.1	69.6	62.6	0.07	4.7	4.2	0.63	2.9	2.6	Low-Moderate
	81	Q	347.3	312.5	69.5	62.5	0.07	4.9	4.4	0.63	3.1	2.8	Low-Moderate
	89	F	1,463.8	1,317.4	292.8	263.5	0.10	29.3	26.3	0.69	20.3	18.3	Moderate-High
	102	Т	748.8	673.9	149.8	134.8	0.10	15.0	13.5	0.66	9.9	8.9	Low-Moderate
Total Prospe	ects		17,118.1	15,406.2	3,423.6	3,081.2		334.3	300.9		225.6	203.0	
Leads													
	29	-	267.1	240.4	53.4	48.1	0.08	4.4	4.0	0.53	2.3	2.1	Moderate-High
	64	-	189.1	170.1	37.8	34.0	0.07	2.6	2.4	0.46	1.2	1.1	Moderate
	88	-	185.7	167.1	37.1	33.4	0.07	2.5	2.2	0.46	1.2	1.0	Moderate-High
	101	-	123.6	111.3	24.7	22.3	0.10	2.5	2.2	0.33	0.8	0.7	Low-Moderate
Total Leads			765.4	688.9	153.1	137.8		12.0	10.8		5.5	5.0	

Totals may not add because of rounding.

Notes: In-place volumes are reported at surface conditions. Totals of in-place volumes and unrisked prospective resources beyond the prospect and lead levels are not reflective of volumes that can be expected to be recovered and are shown for convenience only.



<sup>(1)</sup> Risked prospective resources without P<sub>d</sub> do not include risking for Chance of Development (P<sub>d</sub>) and only include risking for Chance of Geologic Success (P<sub>g</sub>).

<sup>(2)</sup> Company Gross volumes are ReconAfrica's working interest share of the estimated gross (100%) volumes.

<sup>(3)</sup> Oil P<sub>d</sub> represents the chance of development assuming oil discovery.

<sup>(4)</sup> Each prospect has the possibility to discover oil or gas. Chance of oil is based on techincal data available at the time of the evaluation and represents the likelihood that if a discovery is made, the fluid type would be oil. Page A-2 in the appendix summarizes these volumes assuming gas discovery.

The NSAI Report estimated the original gas in place volumes and unrisked and risked gross (100 percent) prospective resources to the Company's 90% interest for each of the lead location in petroleum exploration licence 73 that were subject to the NSAI Report, as of February 29, 2024, to be:

# SUMMARY OF BEST ESTIMATE UNDISCOVERED ORIGINAL GAS-IN-PLACE AND PROSPECTIVE GAS RESOURCES PEL 73, KAVANGO BASIN, NAMIBIA RECONNAISSANCE ENERGY AFRICA LTD. AS OF FEBRUARY 29, 2024

									rospective				
				ered OGIP		rospective			rces without			rospective	
			(B	icf)	Gas Reso	urces (Bcf)		P <sub>d</sub> <sup>(1)</sup>	(Bcf)		Gas Reso	urces (Bcf)	
		Alternate	Gross	Company	Gross	Company	P <sub>a</sub>	Gross	Company	Gas P <sub>d</sub> (3)	Gross	Company	
Subclass	Location	Name	(100%)	Gross <sup>(2)</sup>	(100%)	Gross <sup>(2)</sup>	(Decimal)	(100%)	Gross <sup>(2)</sup>	(Decimal)	(100%)	Gross <sup>(2)</sup>	Chance of Gas <sup>(4)</sup>
Prospects													
Trospects	5	MM	721.3	649.2	468.9	422.0	0.10	46.9	42.2	0.52	24.6	22.1	Moderate
	6	M	1.776.0	1.598.4	1.154.4	1.039.0	0.10	128.1	115.3	0.55	70.8	63.7	Low-Moderate
	7	Ë	1,441.6	1,297.4	937.0	843.3	0.13	117.1	105.4	0.55	64.7	58.2	Low-Moderate
	26	LL.	647.4	582.7	420.8	378.7	0.10	42.1	37.9	0.50	20.9	18.8	Moderate
	27	J-K	819.6	737.7	532.8	479.5	0.07	37.8	34.0	0.52	19.8	17.9	Low-Moderate
	31	H South	3,105.4	2,794.8	2,018.5	1,816.7	0.08	167.5	150.8	0.58	97.2	87.4	Low-Moderate
	32	В	1,108.2	995.5	719.0	647.1	0.13	89.9	80.9	0.55	49.6	44.7	Low-Moderate
	63	ī	2.966.5	2.669.8	1.928.2	1.735.4	0.13	241.0	216.9	0.58	139.8	125.8	Moderate
	66	H North	3,825.1	3,442.6	2,486.3	2,237.7	0.10	248.6	223.8	0.58	144.2	129.8	Low-Moderate
	67	Q South	543.3	489.0	353.1	317.8	0.07	25.1	22.6	0.44	11.1	10.0	Moderate-High
	68	O-P	2,497.8	2,248.1	1,623.6	1,461.2	0.07	115.3	103.7	0.55	63.7	57.3	Low-Moderate
	69	MMM	586.7	528.0	381.3	343.2	0.08	31.7	28.5	0.47	14.9	13.4	Moderate
	71	R/RR	401.3	361.1	260.8	234.7	0.11	29.0	26.1	0.39	11.2	10.1	Moderate-High
	76	G	1,359.2	1,223.3	883.5	795.1	0.11	98.1	88.3	0.55	54.2	48.7	Low-Moderate
	78	0	1,102.0	991.8	716.3	644.7	0.07	50.9	45.8	0.55	28.1	25.3	Moderate
	79	S	571.6	514.5	371.6	334.4	0.07	24.9	22.4	0.47	11.7	10.5	Moderate-High
	81	Q	574.3	516.9	373.3	336.0	0.07	26.5	23.9	0.47	12.4	11.2	Moderate-High
	89	F	2,344.9	2,110.4	1,524.2	1,371.8	0.10	152.4	137.2	0.58	88.4	79.5	Low-Moderate
	102	Т	1,259.3	1,133.4	818.6	736.7	0.10	81.9	73.7	0.55	45.2	40.7	Moderate-High
Total Prosp	ects		27,649.5	24,884.6	17,972.2	16,175.0		1,754.7	1,579.2		972.3	875.1	
Leads													
_	29	-	431.7	388.5	280.6	252.5	0.08	23.3	21.0	0.39	9.0	8.1	Low-Moderate
	64	-	310.4	279.3	201.7	181.6	0.07	14.1	12.7	0.30	4.3	3.9	Moderate
	88	-	299.9	269.9	195.0	175.5	0.07	13.1	11.8	0.28	3.6	3.2	Low-Moderate
	101	-	208.3	187.5	135.4	121.8	0.10	13.5	12.2	0.19	2.6	2.4	Moderate-High
Total Leads			1,250.3	1,125.3	812.7	731.4		64.0	57.6		19.5	17.6	

Totals may not add because of rounding.

Notes: In-place volumes are reported at surface conditions. Totals of in-place volumes and unrisked prospective resources beyond the prospect and lead levels are not reflective of volumes that can be expected to be recovered and are shown for convenience only.



<sup>(1)</sup> Risked prospective resources without Pd do not include risking for Chance of Development (Pd) and only include risking for Chance of Geologic Success (Pd).

<sup>(2)</sup> Company Gross volumes are ReconAfrica's working interest share of the estimated gross (100%) volumes.

<sup>(3)</sup> Gas P<sub>d</sub> represents the chance of development assuming gas discovery.

<sup>(4)</sup> Each prospect has the possibility to discover oil or gas. Chance of gas is based on techincal data available at the time of the evaluation and represents the likelihood that if a discovery is made, the fluid type would be gas.

The report of Netherland, Sewell & Associates, Inc. ("NSAI") entitled "Estimates of Prospective Resources for Certain Prospects and Leads Located in PEL 73, Kavango Basin, Namibia to the Reconnaissance Energy Africa Ltd. Interest as of March 31, 2023" (the "NSAI Report") and the prospective resource estimates contained therein and in this presentation were prepared by NSAI, an independent qualified reserves evaluator, with an effective date of March 31, 2023. The NSAI Report was prepared in accordance with the definitions and guidelines of the Canadian Oil and Gas Evaluation Handbook prepared jointly by the Society of Petroleum and Engineers (Calgary Chapter) (the "COGE Handbook") and the Canadian Institute of Mining, Metallurgy & Petroleum and National Instrument 51-101 – Standards of Disclosure for Oil and Gas Activities ("NI 51-101"). For additional information concerning the risks and the level of uncertainty associated with recovery of the prospective resources detailed herein and in the NSAI Report, the significant positive and negative factors relevant to the prospective resources estimates detailed herein and in the NSAI Report applies are contained within the NSAI Report, a copy of which has been filed with the Canadian Securities Administrators and is available under the Company's issued profile on SEDAR+ at <a href="https://www.sedarplus.ca">www.sedarplus.ca</a>.

The prospective resources shown in the NSAI Report have been estimated using probabilistic methods and are dependent on a petroleum discovery being made. If a discovery is made and development is undertaken, the probability that the recoverable volumes will equal or exceed the unrisked estimated amounts is 90 percent for the low estimate, 50 percent for the best estimate, and 10 percent for the high estimate. Low estimate and high estimate prospective resources have not been included in the NSAI Report. For the purposes of the NSAI Report, the volumes and parameters associated with the best estimate scenario of prospective resources are referred to as 2U. The 2U prospective resources have been aggregated beyond the prospect and lead level by arithmetic summation; therefore, these totals do not include the portfolio effect that might result from statistical aggregation. Statistical principles indicate that the arithmetic sums of multiple estimates may be misleading as to the volumes that may actually be recovered.

Light and Medium crude oil volumes are expressed in millions of stock tank barrels (MMstb); a barrel is equivalent to 42 United States gallons. Gas Volumes are expressed in billions of cubic feet (Bcf) at standard temperature and pressure bases.

There is no certainty that any portion of the resources will be discovered. If discovered, there is no certainty that it will be commercially viable to produce any portion of the resources.

The NSAI Report estimated the unrisked and risked gross (100 percent) prospective resources and the unrisked and risked company gross prospective resources to the Company's 90% interest in the leads and prospect located in petroleum exploration licence 73 that were subject to the NSAI Report, as of March 31, 2023, to be:

#### Summary of Unrisked Best Estimate Prospective Oil and Gas Resources As of March 31, 2023

	Gross (10	00 Percent)	Compa	ny Gross	Net		
Subclass	Light and Medium Crude Oil (MMstb)	Conventional Natural Gas (Bcf)	Light and Medium Crude Oil (MMstb)	Conventional Natural Gas (Bcf)	Light and Medium Crude Oil (MMstb)	Conventio nal Natural Gas (Bcf)	
Prospects	484.5	20,188.9	436.1	18,170.0	414.3	17,261.5	
Le a ds	1,602.5	909.6	1,442.3	818.6	1,370.2	777.7	

### Summary of Risked<sup>(2)</sup> Best Estimate Prospective Oil and Gas Resources As of March 31, 2023

	Gross (10	0 Percent)	Compai	ıy Gross	Net		
Subclass	Light and Medium Crude Oil (MMstb)	Conventional Natural Gas (Bcf)	Light and Medium Crude Oil (MMstb)	Conventional Natural Gas (Bcf)	Light and Medium Crude Oil (MMstb)	Conventio nal Natural Gas (Bcf)	
Prospects	25.2	1,024.1	22.7	921.7	21.6	875.6	
Le a ds	37.8	22.1	34.0	19.9	32.3	18.9	

Note: Prospective resources are the arithmetic sum of multiple probability distributions

(1) Net prospective resources are after royalty deductions.



The NSAI Report estimated the original oil in place volumes and unrisked and risked gross (100 percent) prospective resources to the Company's 90% interest for each of the prospects and leads location in petroleum exploration licence 73 that were subject to the NSAI Report, as of March 31, 2023, to be:

#### Summary of Best Estimate Prospective Oil Volumes by Location As of March 31, 2023

			OOIP (MMbbl)		Oil Resources (MMbl	Effective Pg	Pd		Oil Resources (MI
Subclass	Location	Gross (100%)	Company Gross <sup>(1)</sup>	Gross (100%)	Company Gross <sup>(1)</sup>	(Decimal)	(Decimal)	Gross (100%)	Company Gro
rospects									
	15	1,354.2	1,218.8	270.8	243.8	0.095	0.661	17.0	15.3
	17	365.6	329.0	69.2	62.3	0.084	0.529	3.1	2.8
	30	152.0	136.8	25.8	23.2	0.065	0.562	0.9	0.8
	40 47	170.3 159.3	153.3 143.4	27.3 28.0	24.6 25.2	0.050	0.396 0.165	0.5	0.5
	140	316.5	284.9	63.3	25.2 57.0	0.071	0.165	3.4	3.1
	140	510.5	204.9	00.3	37.0	0.050	0.502		0.1
Total Prosp	ects	2,518.0	2,266.2	484.5	436.1			25.2	22.7
ads									
	1	191.5	172.3	38.3	34.5	0.058	0.297	0.7	0.6
	2	242.3	218.0	41.6	37.5	0.045	0.363	0.7	0.6
	3	205.1	184.6	30.8	27.7	0.037	0.330	0.4	0.3
	4	51.6	45.4	10.3	9.3	0.057	0.462	0.3	0.2
	9	161.7	145.6	25.6	23.0	0.042	0.297	0.3	0.3
	10	158.8	142.9	27.9	25.1	0.049	0.396	0.5	0.5
	11	130.2 99.7	117.2 89.8	22.2 19.9	19.9 18.0	0.048	0.529	0.6 0.5	0.5
	13	196.1	176.5	35.4	31.8	0.051	0.429	0.5	0.4
	14	190.7	171.7	31.3	28.2	0.043	0.190	0.4	0.3
	18 19	213.0	191.7	42.6	38.3	0.058	0.363	0.9	0.8
	20	158.3	142.5	31.7	28.5	0.057	0.165	0.9	0.3
	21	370.6	333.5	74.1	66.7	0.058	0.595	2.5	23
	22A	869.4	782.4	173.9	156.5	0.057	0.661	6.6	5.9
	22B	563.1	506.8	112.6	101.4	0.057	0.628	4.1	3.6
	23	232.3	209.0	34.8	31.4	0.037	0.330	0.4	0.4
	24A	222.5	200.3	40.7	36.6	0.052	0.330	0.7	0.6
	24B	170.4	153.4	30.2	27.2	0.050	0.264	0.4	0.4
	33	28.8	25.9	5.8	5.2	0.058	0.231	0.1	0.1
	34	222.3	200.0	40.6	36.6	0.052	0.297	0.6	0.6
	35	86.4	77.8	17.3	15.6	0.057	0.396	0.4	0.4
	36	166.5	149.9	26.5	23.9	0.042	0.529	0.6	0.5
	50	148.4	133.5	22.9	20.6	0.041	0.462	0.4	0.4
	51	51.9	46.7	10.4	9.3	0.057	0.462	0.3	0.2
	52	222.0	199.8	40.6	36.5	0.052	0.363	0.8	0.7
	56	113.4	102.1	18.8	17.0	0.046	0.429	0.4	0.3
	57	109.6	98.7	18.0	16.2	0.046	0.363	0.3	0.3
	58	115.9	104.3	23.2	20.9	0.057	0.330	0.4	0.4
	60	116.4	104.8	23.3	21.0	0.057	0.330	0.4	0.4
	61	209.1	188.2	41.8	37.6	0.057	0.363	0.9	0.8
	103	207.8	187.0	33.5	30.1	0.043	0.363	0.5	0.5
	106	147.9	133.1	22.9	20.6	0.041	0.562	0.5	0.5
	113	131.8 74.1	118.6 66.7	22.4 14.8	20.2	0.048	0.529	0.6	0.5
	118	74.1 128.4	66.7 115.5	14.8 21.9	13.3 19.7	0.057	0.496	0.4	0.4
	119 120	128.4 73.6	115.5 66.2	21.9 14.7	19.7 13.2	0.048	0.529	0.6	0.5
	120 125	73.6 113.9	102.5	14.7 22.8	13.2	0.057	0.496	0.4	0.4
		205.8	185.2	30.9	27.8	0.037	0.429	0.3	0.3
	137 138	192.6	173.4	31.8	27.0	0.037	0.231	0.3	0.2
	138	192.6	1/3.4 185.0	31.8	28.6	0.044	0.231	0.3	0.3
	146	705.6	635.0	141.1	127.0	0.057	0.661	5.4	4.8
	149	205.3	184.7	30.8	27.7	0.037	0.231	0.3	0.2
	150	147.1	132.4	22.7	20.4	0.041	0.462	0.4	0.4
	151	147.2	132.5	22.7	20.4	0.041	0.529	0.5	0.4
	152	147.1	132.4	25.6	23.0	0.049	0.462	0.6	0.5
Fotal Lead	8	8,851.7	7,966.5	1,602.5	1,442.3			37.8	34.0
tals may not a	add because of roun	ding.							
		orted at surface condi for convienence only.	tions. Totals of In-plac	ce volumes and unrisk	ed prospective resource	es beyond the pro	spect level are no	ot reflective of volumes	that can be exper



The NSAI Report estimated the original gas in place volumes and unrisked and risked gross (100 percent) prospective resources to the Company's 90% interest for each of the lead location in petroleum exploration licence 73 that were subject to the NSAI Report, as of March 31, 2023, to be:

Summary of Best Estimate Prospective Gas Volumes by Location As of March 31, 2023

		Undiscovere	d OGIP (Bcf)	Unrisked Prospectiv	e Gas Resources (Bcf)	Effective Pa	Pd	Risked Prospective	Gas Resources (Bd
Subclass	Location	Gross (100%)	Company Gross <sup>(1)</sup>	Gross (100%)	Company Gross <sup>(1)</sup>	(Decimal)	(Decimal)	Gross (100%)	Company Gross
ospects									
	5	806.6	725.9	524.3	471.8	0.100	0.525	27.5	24.8
	6	1.970.6	1,773.5	1,280.9	1,152.8	0.111	0.552	78.5	70.7
	7	1,610.7	1,449.6	1,047.0	942.3	0.083	0.552	48.0	43.2
	26	719.9	647.9	467.9	421.2	0.070	0.525	17.2	15.5
	27	919.2	827.3	597.5	537.7	0.071	0.525	22.3	20.0
	31	3,528.5	3,175.6	2,293.5	2,064.2	0.083	0.580	110.4	99.3
	32	1,251.3	1,126.2	813.4	732.0	0.080	0.552	35.9	32.3
	63	3,345.3	3,010.8	2,174.4	1,957.0	0.125	0.580	157.6	141.9
	66	4,285.1	3,856.5	2,785.3	2,506.8	0.100	0.580	161.5	145.4
	67	620.1	558.0	403.0	362.7	0.080	0.469	15.1	13.6
	68	2,816.5	2,534.8	1,830.7	1,647.6	0.071	0.552	71.8	64.6
	69	654.7	589.3	425.6	383.0	0.080	0.497	16.9	15.2
	71	445.9	401.3	289.9	260.9	0.070	0.414	8.4	7.6
	76	1,503.8	1,353.4	977.5	879.7	0.090	0.552	48.6	43.7
	78	1,238.4	1,114.5	804.9	724.4	0.080	0.552	35.6	32.0
	79	638.7	574.9	415.2	373.7	0.067	0.497	13.8	12.4
	81	641.8	577.6	417.2	375.5	0.071	0.497	14.7	13.3
	89	2,626.5	2,363.8	1,707.2	1,536.5	0.100	0.580	99.0	89.1
	102	1,436.4	1,292.8	933.7	840.3	0.080	0.552	41.3	37.1
otal Prosp	eots	31,069.9	27,963.9	20,188.9	18,170.0			1,024.1	921.7
ads									
	29	481.9	433.7	313.2	281.9	0.070	0.414	9.1	8.2
	64	344.1	309.7	223.6	201.3	0.070	0.331	5.2	4.7
	88	339.9	305.9	220.9	198.8	0.070	0.331	5.1	4.6
	101	233.6	210.2	151.8	136.6	0.080	0.221	2.7	2.4
Total Leads		1,399.4	1,269.6	909.8	818.6			22.1	19.9
tals may not a	dd because of round	ing.							
tes: In-place	e volumes are reo	orted at surface condit	ions. Totals of in-place	volumes and unrisker	d prospective resources	beyond the prosp	ect level are not	reflective of volumes tha	t can be expected
		or convienence only.							

