



Kavango Basin

NAMIBIA & BOTSWANA





CORPORATE PRESENTATION

Q3 2023



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 first well to test the Damara Fold Belt being the key to commerciality in 2023, the ongoing joint venture process, reduced drilling costs by up to 50% by owing the drilling rig as well as providing control over ongoing drilling program, a proved active petroleum system in the Kavango Basin, and the spudding of the first Damara well in Q4 2023, subject to permitting.

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.



DISCLOSURE REGARDING PROSPECTIVE RESOURCES

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 and well log analysis, the production is expected to be gas with some potential 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.



RECONAFRICA: OPENING UP A NEW SEDIMENTARY BASIN WITH PROVEN PETROLEUM SYSTEM

One Company has licenced the entire Kavango Basin in Namibia & Botswana - ~8 million acres

3 stratigraphic test wells, 2,767 km 2D seismic, and ~5,000 sq km eFTG - multiple hydrocarbon systems proven

- > Hydrocarbon types; light oil, natural gas and liquids
- > Hydrocarbons present in both play types; Karoo Rift and Damara Fold Belt
- > Source Rocks and Reservoir Quality Rocks are present
- Seismic data has demonstrated a wide variety of closures/traps in both discrete Plays

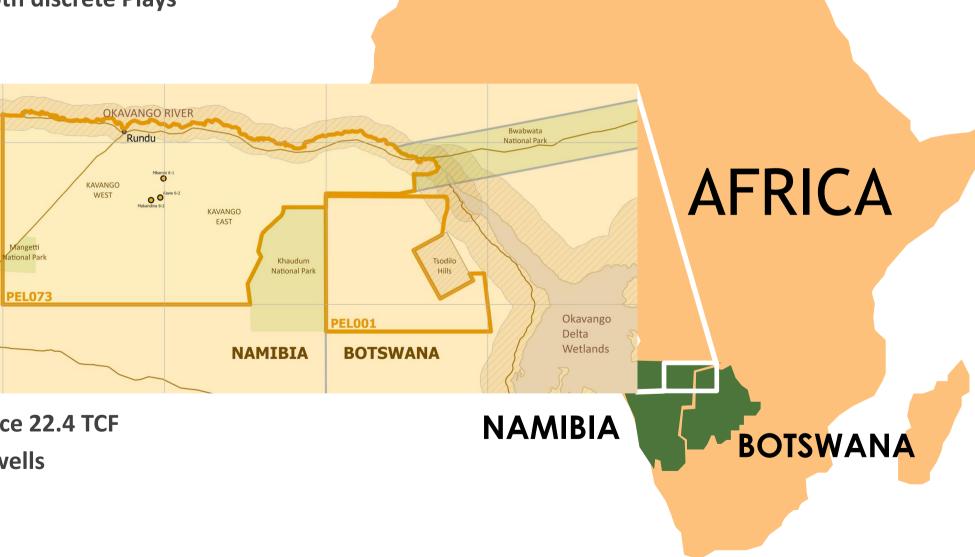
Damara Fold Belt

- ➤ Multiple large structures with 4-way closure whaleback anticlines
- Aerial extent, per structure, up to ~50,000 acres (~200 sq km)
- > Mapped 9 large anticlines multiple drilling locations
- Unmapped fairway extends beyond seismic coverage
- > Structures are analogous to Zagros Fold Belt Iran and Iraq

Drilling flexibility with Company owned Rig

Catalysts

- **▶** New NSAI Damara Prospective Resource Report Original Gas-in-Place 22.4 TCF
- > Received Environmental Clearance Certificate (ECC) to drill up to 12 wells
- Designing multi well drilling program
- First well to test Damara Fold Belt; key to commerciality



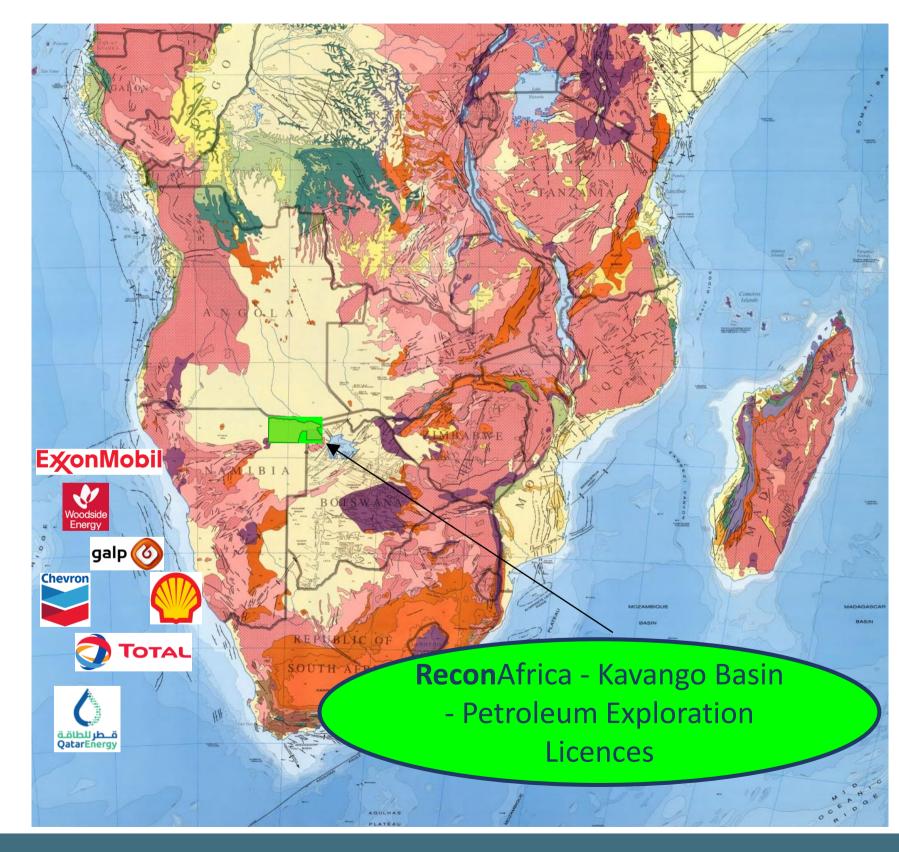
NAMIBIA - NEW GLOBAL HOTSPOT FOR OIL AND GAS EXPLORATION

Offshore exploration successes from supermajors – Total & Shell – New Chevron & Woodside JV's

- Light oil discoveries estimated at several billion barrels of recoverable oil and several TCF of recoverable natural gas
- Exploration and appraisal drilling ongoing, up to 8 wells planned for 2023
- Attracting additional super major interest with Chevron Farm-in and Woodside Energy Farm-in

Onshore exploration success ReconAfrica:

- 2021/2022 proved an active petroleum system
 - light oil, natural gas, gas liquids
- Large undeveloped, target rich drilling environment
- Short cycle time exploration success to 1st production
- Lower capital commitments, more scalable
- New entrants provides greater selection for JV partners





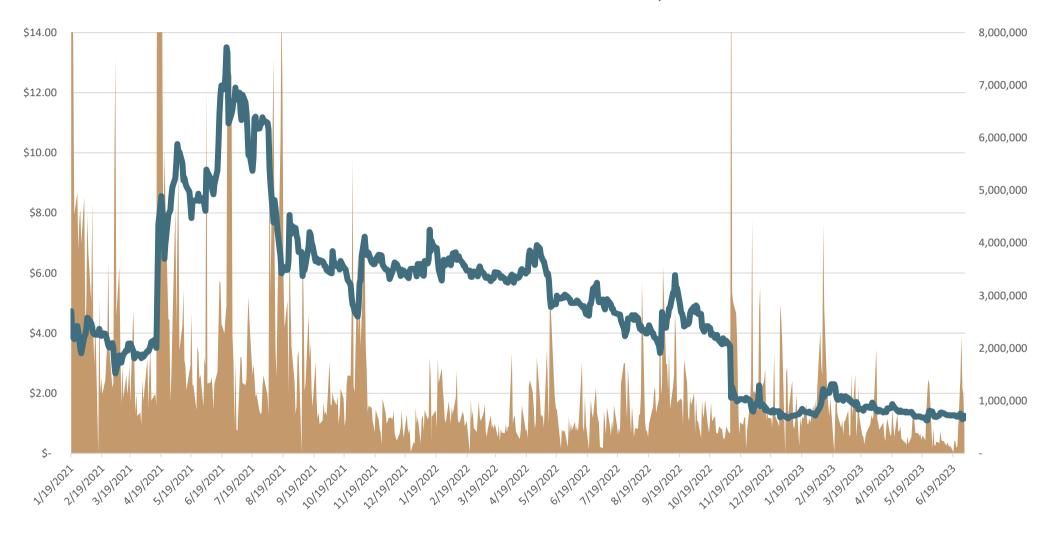
CAPITAL STRUCTURE

Own Our Drilling Rig, No Debt

Daily Price and Volume - Jan 2021 to June 2023

Share price





Daily Volume

Trading Symbol	TSXV: RECO, US OTC: RECAF, Germany: 0XD	
Shares Outstanding	208.8 million (basic) / 233.4 million (diluted	
52 Week Range	C\$.99 - C\$6.30	
Share Price	C\$1.25	
Average Daily Volume	541,144	
Market Cap	~C\$261 million	
Total Debt	None	

Data presented as of June 30, 2023

Research Coverage

- Haywood Securities Christopher Jones
- Canaccord Genuity Roman Rossi

BOARD OF DIRECTORS & OFFICERS



Craig Steinke
Founder & Executive Chairman
Over 25 years of experience in
identifying, successfully developing
and financing oil & natural gas
exploration and production projects
in North America, Latin America,
Europe and Asia



Mark Gerlitz
Lead Director
Global energy advisor with 20
years' experience in financing,
planning, M&A, joint ventures and
ESG.



Director
Dr. Davis has 40 years' experience as an oil and gas geologist focused on reserve estimation and understanding exploration risk.

Dr. Joseph R. Davis

Deniz Kuban



Scot Evans
CEO
35 years' experience in global oil and gas operations with Halliburton and Exxon.



Chief Compliance Officer

Ms Kuban is a lawyer with 20 years of international legal experience in compliance & oil and gas projects in ten countries.



Carlos Escribano
CFO, Chartered Accountant
CFO for several publicly
traded multi-national resources
companies with over 15 years'
experience.



Nick Steinsberger

SVP, Drilling & Completions

33 years' experience in petroleum engineering, drilling and completions, production and facilities.



SVP, Corp Communications
& Stakeholder Relations
Extensive energy and environmental public policy experience at regional, provincial and international levels, having held various provincial cabinet positions in Alberta.

Michelle Borthwick



Corporate Secretary
Corporate finance and
governance professional with over
25 years' experience with public
and private corporations in
mining, technology and life
sciences/alternative health
industries.



Scot Evans
CEO, Geologist
35 years' experience in global oil and gas operations with Halliburton and Exxon.

TECHNICAL TEAM



Or. James Granath
Chief Geologist
Structural geologist with
extensive African petroleum
exploration experience
having worked on projects in
more than 40 countries
globally.



Shiraz Dhanani
Lead Geophysicist
More than 40 years'
experience with BP and
Exxon, focusing on new
country access with
a strong focus on Africa,
specialized in seismic operations.



Dr. Ansgar Wanke
Chief Geologist-REN
Geologist with more than
20 years' experience,
including the head of the
geology department at the
University of Namibia.



Nick Steinsberger
SVP, Drilling & Completions
33 years' experience in
petroleum engineering, drilling
and completions, production
and facilities.

Claire Preece



25 years' experience in Community and Environmental Impact
Assessments, environmental and socio-economic reporting and stakeholder engagement.



Geoff Anderson
New Ventures Manager
Petroleum Geologist with 20
Years experience in operational,
Developmental and exploration
Geology; knowledge base in
clastic and carbonate depositional
Environments.



Jay Park KC
Legal Advisor
Leading international oil and gas
lawyer with experience in 17 African
countries.



EXPLORATION PROGRAM UPDATE

Seismic

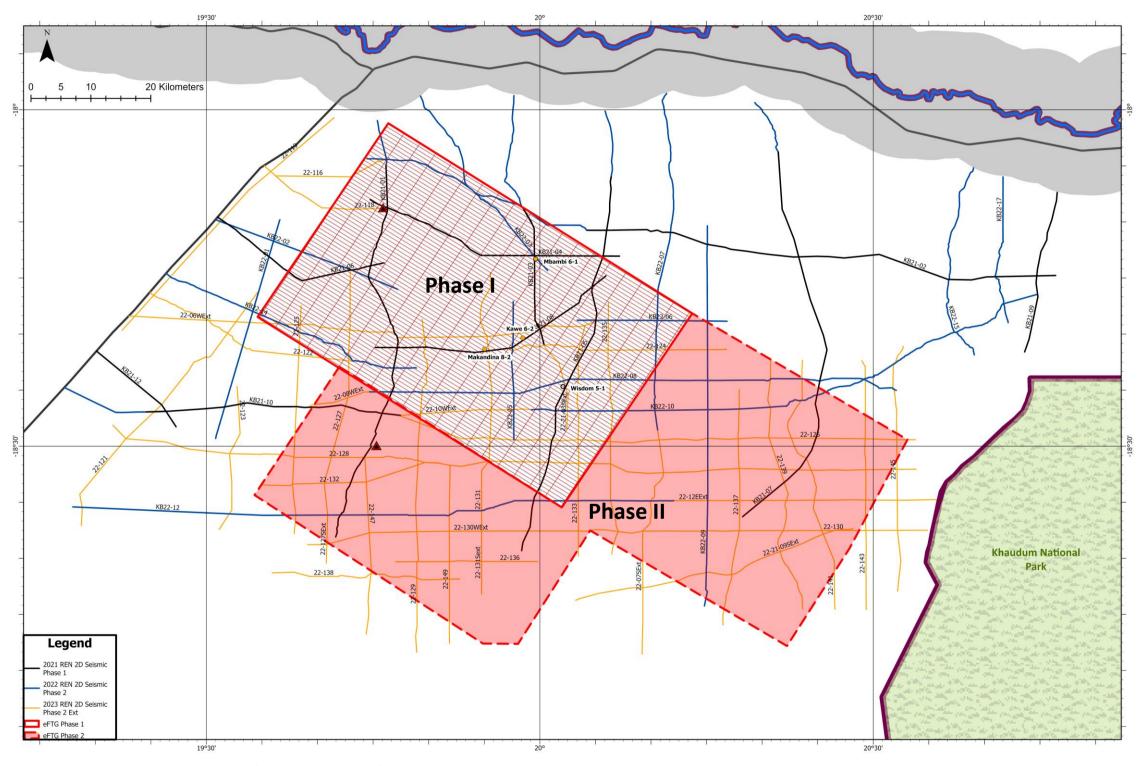
- 2021 450 km 2D seismic program completed
- 2022 761 km 2D seismic acquisition completed, processed and interpreted
- 2023 1,509 km 2D seismic acquired with fast-track processing and interpretation ongoing

→ eFTG

- ➤ Acquired eFTG Airborne gravity data (~5,000 sq km) to further delineate potential hydrocarbon bearing structures
- Processing, interpretation and integration ongoing

Wells

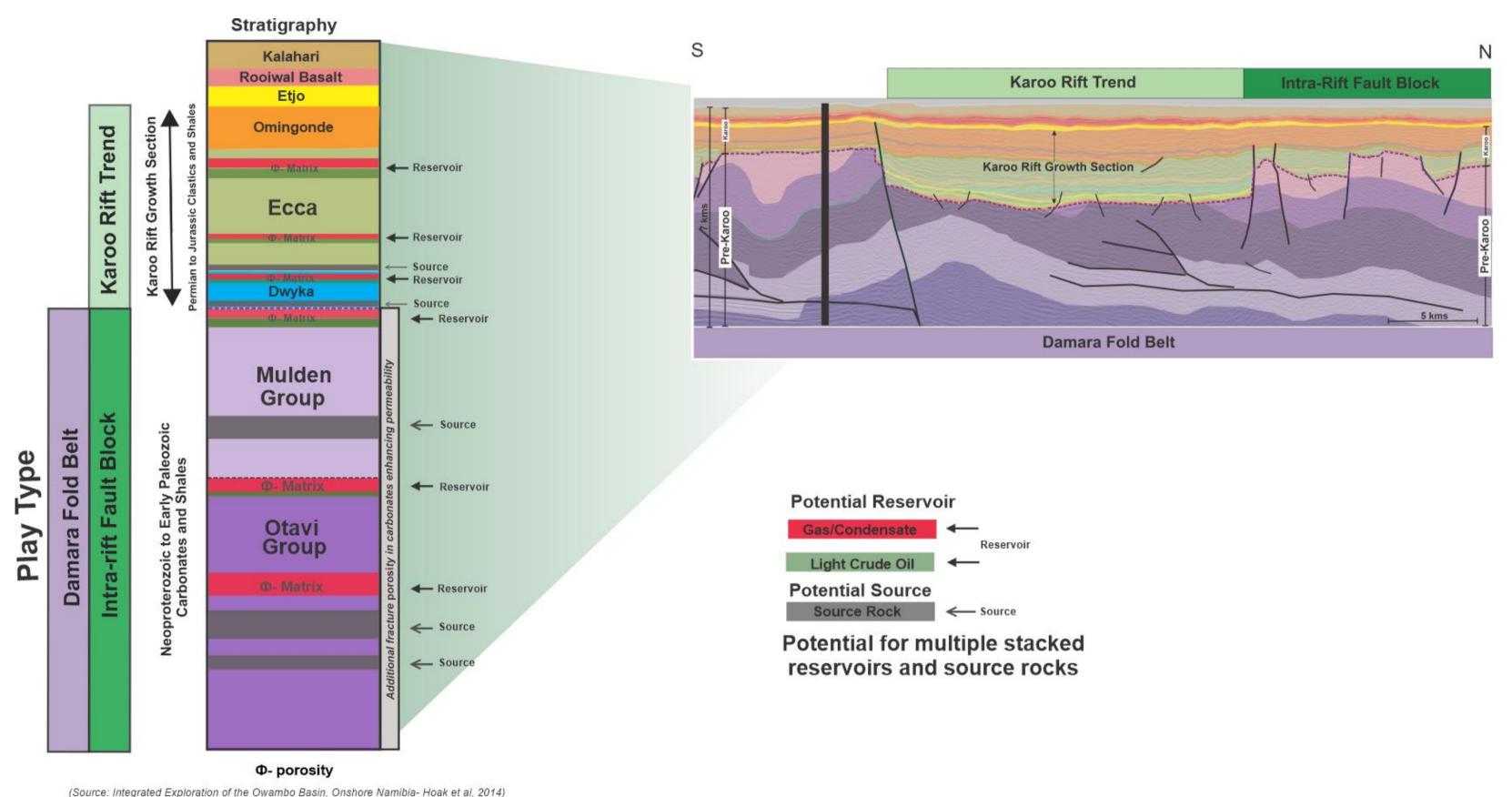
- 2021/22 stratigraphic test wells prove active petroleum system
- Designing multi well drilling program
- > First well to test Damara Fold Belt



Phase 1 =450 km Phase 2 = 761 km Phase 2 extension = 1509 km eFTG survey = Phase I 2184 sq km / Phase II 2814sq km = 4,998sq km



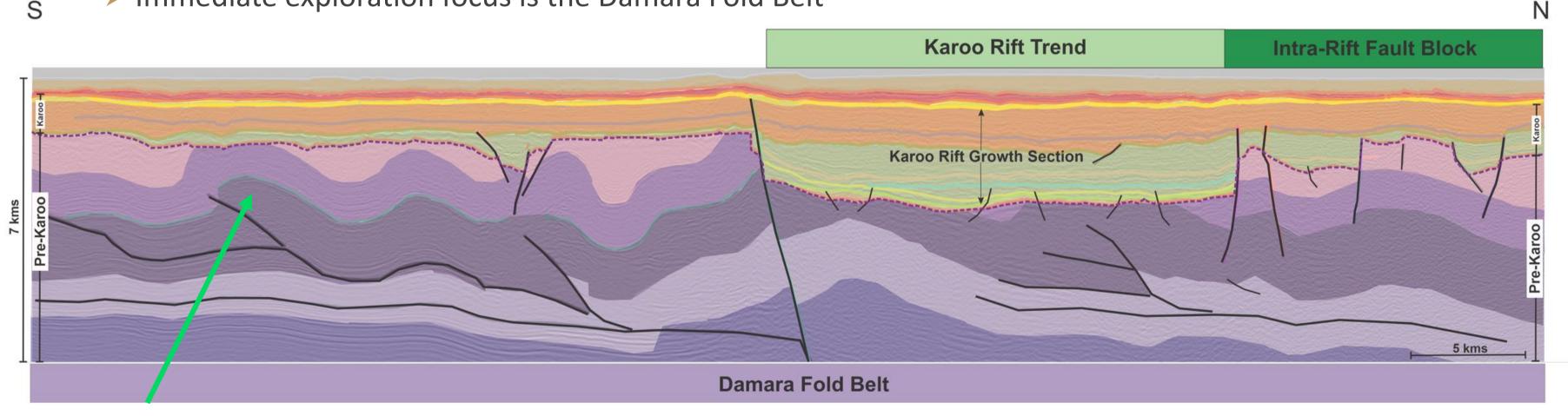
KAVANGO BASIN STRATIGRAPHIC COLUMN BASED ON 2D SEISMIC PROGRAM





KAVANGO BASIN – MULTIPLE PLAY TYPES

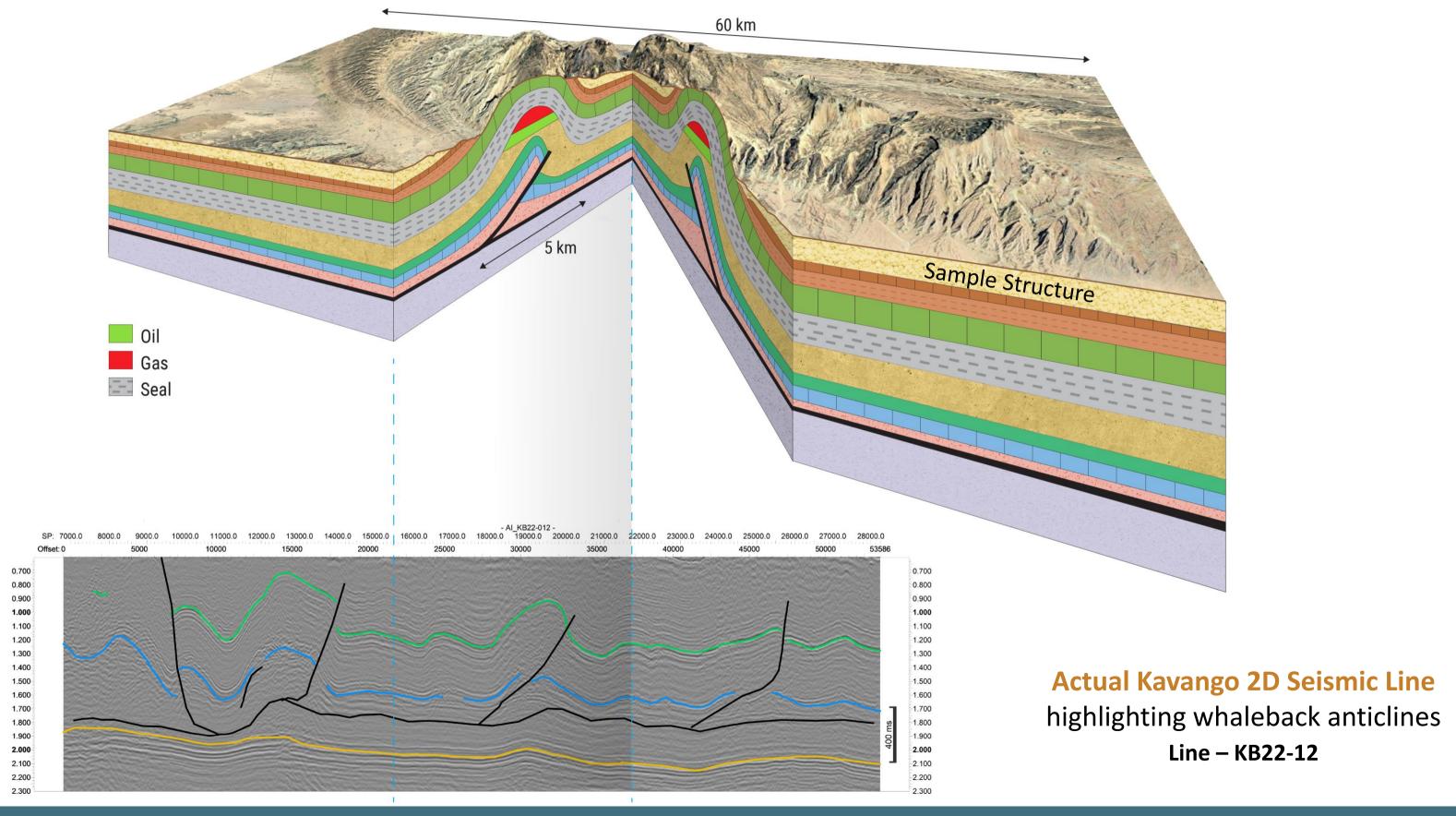
- Karoo rocks are Permian to Jurassic sandstones and shales deposited during rifting
- > Pre-Karoo rocks in the Damara Fold Belt include limestones, sandstones and shales that were deposited and folded before the Karoo
- > The Damara Fold Belt has multiple elongated anticlinal structures with high potential of 4-way closure clearly imaged with 2D seismic and further supported by eFTG
- Immediate exploration focus is the Damara Fold Belt S



Large whaleback anticlines – up to 5km x 40km in size

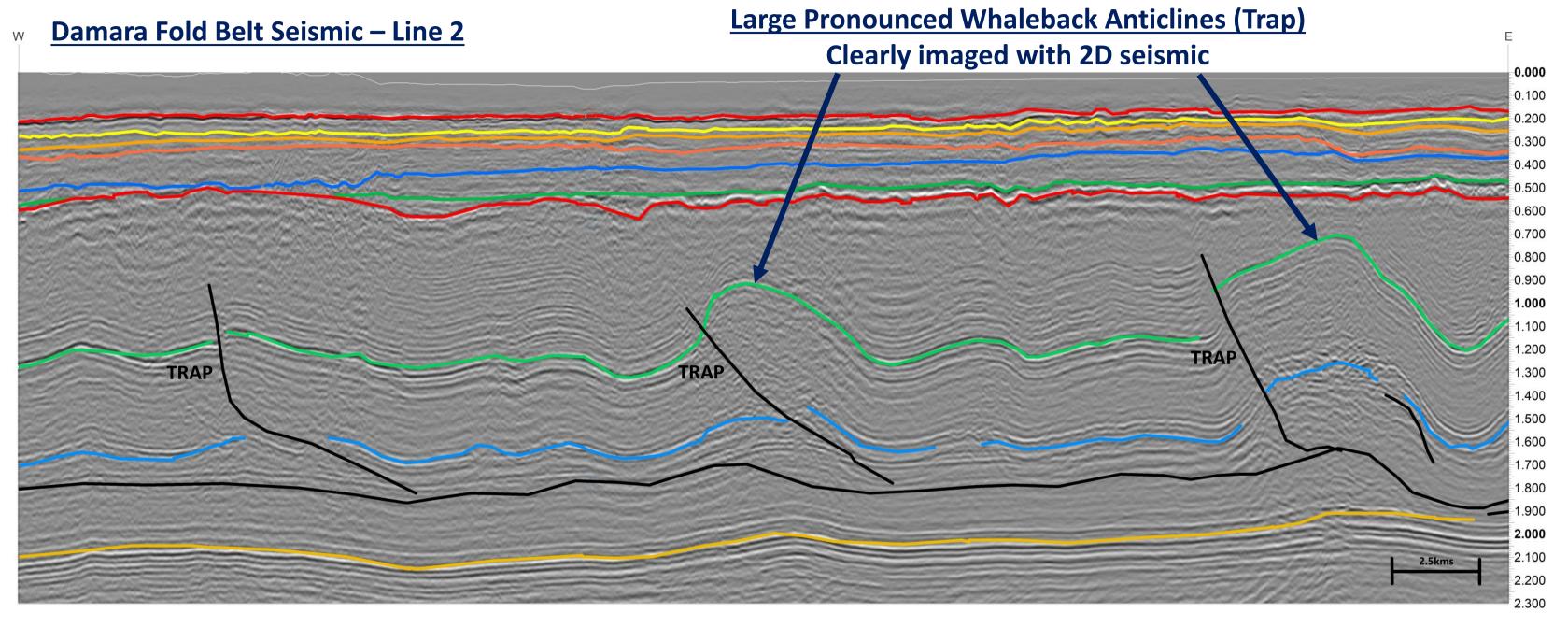


TYPICAL FOLD AND THRUST BELT STRUCTURE MATCHES OUR 2D SEISMIC





SEISMIC LINE FROM PHASE 2 OF KAVANGO BASIN 2D SEISMIC PROGRAM



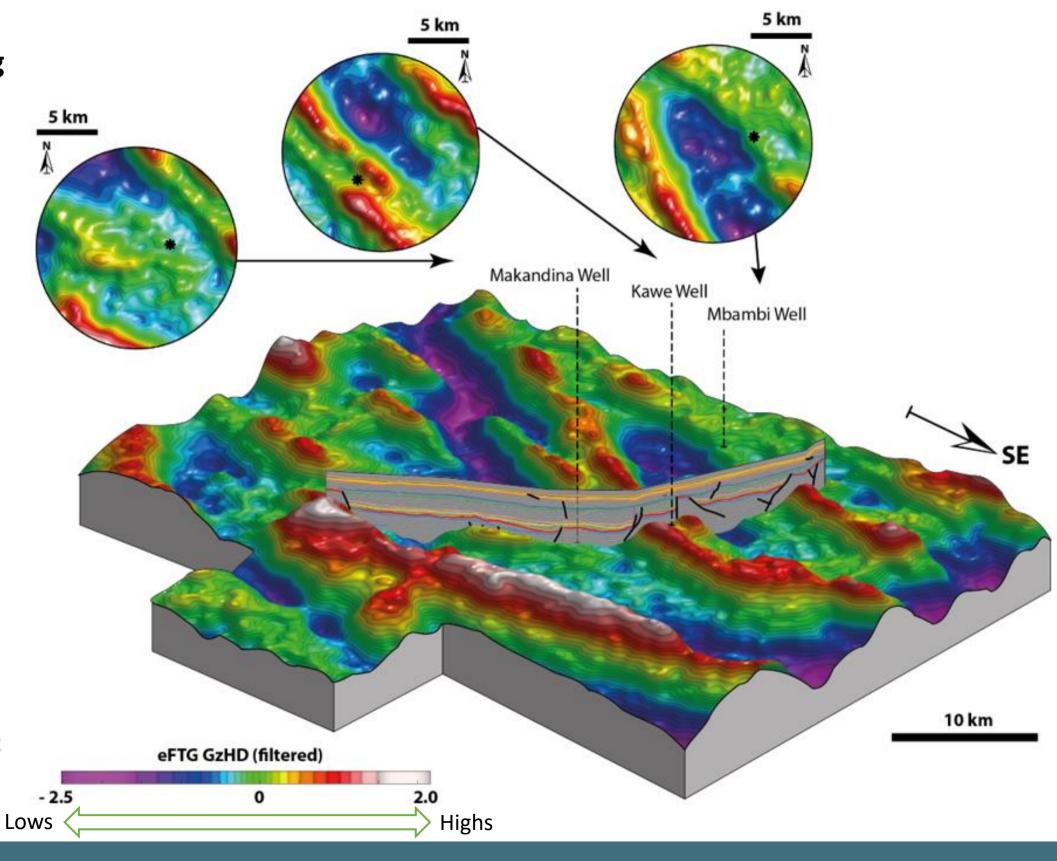
Seismic section showing the Damara Fold Belt; note the train of anticlinal folds developed above the basal thrust detachment (Black horizontal line) and intersected by reverse faults (Black vertical lines)

Damara Fold Belt has multiple anticlinal structures with consistent strike and high potential for 4-way closures/traps



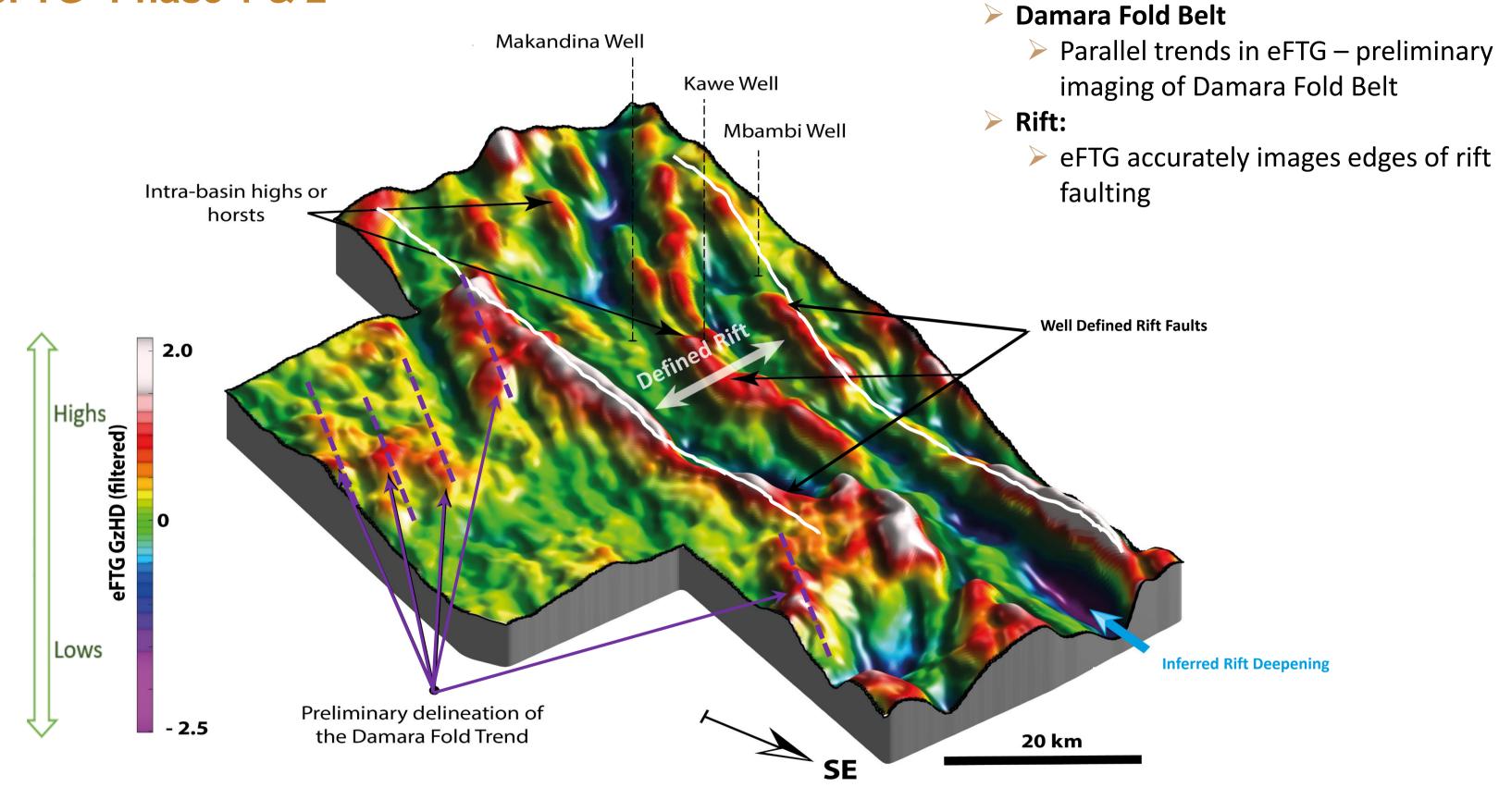
ENHANCED FULL TENSOR GRAVITY (eFTG)

- eFTG is the latest Metatek/Lockheed Martin Imaging of the Subsurface (2020)
 - Used in combination with existing wells and 2D seismic, providing detailed mapping
 - eFTG's predecessor iFTG used successfully in other parts of Africa
 - ➤ eFTG high definition **4-8 times** improvement in imaging compared to traditional gravity methods
- Impact to ReconAfrica
 - 2D seismic and eFTG very complimentary highquality data
 - Combined with seismic data, eFTG will provide detailed mapping of prospect closure – better defining drilling locations
 - Cost effective typically less than 1% of 3D seismic



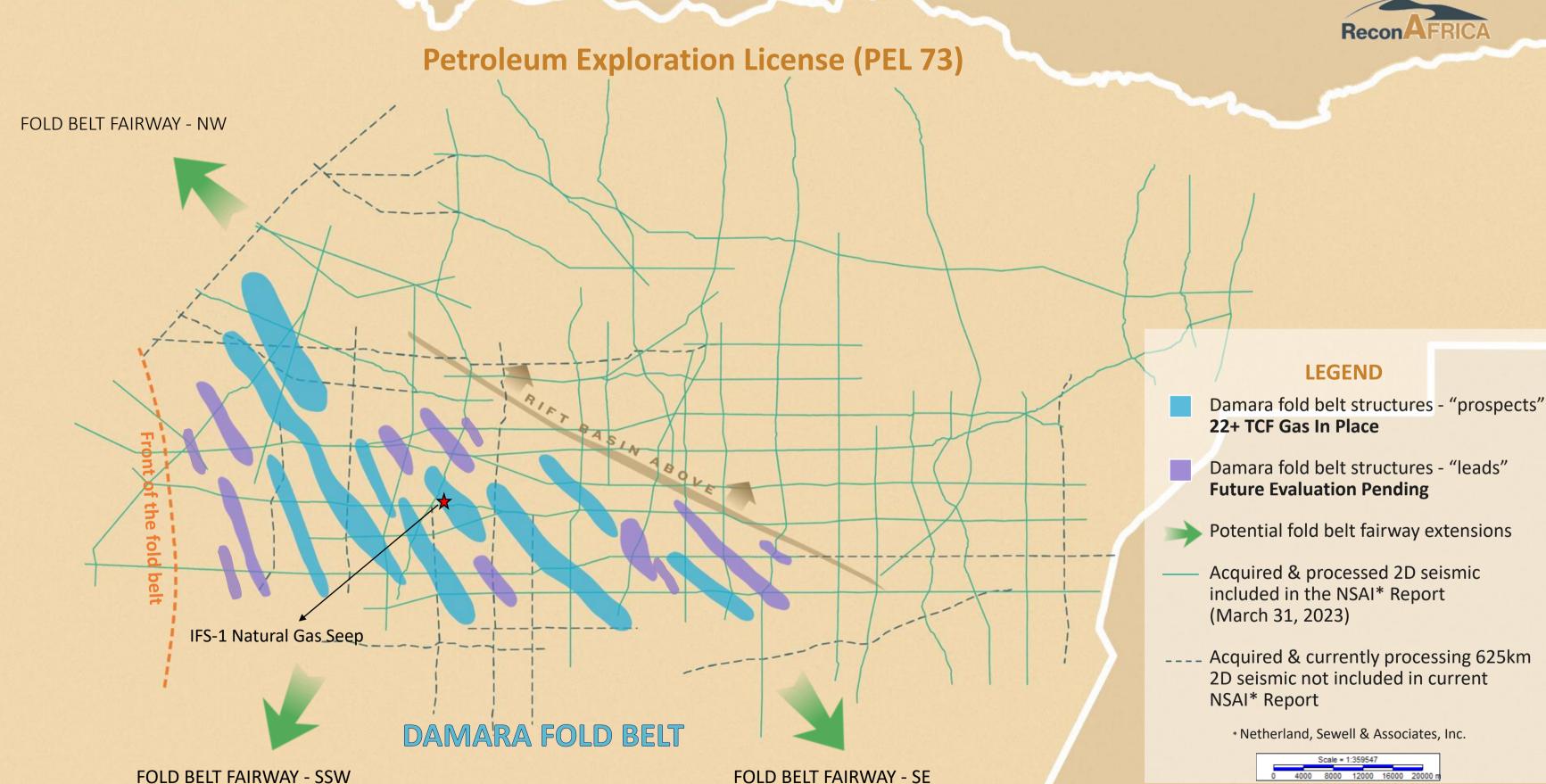


eFTG- Phase 1 & 2











NETHERLAND SEWELL & ASSOCIATES – PROSPECTIVE RESOURCE REPORT

Summary of Undiscovered Gas Initially-In-Place ⁽¹⁾ (As of March 31, 2023)

Category	Project Gross (100%)	Company Gross (90% WI)
Best Estimate (2U) (2)	Conventional Natural Gas (Bcf)	Conventional Natural Gas (Bcf)
	22,383	20,145

Summary of Unrisked Prospective ⁽³⁾ Gas Resources ⁽⁴⁾ (As of March 31, 2023)

Category	Project Gross (100%)	Company Gross (90% WI)	Net prospective resources after royalty deduction
Best Estimate (2U) (2)	Conventional Natural Gas (Bcf)	Conventional Natural Gas (Bcf)	Conventional Natural Gas (Bcf)
	14,549	13,094	12,439

Summary of Risked Prospective Gas Resources (5) (As of March 31, 2023)

Category	Project Gross (100%)	Company Gross (90% WI)	Net prospective resources after royalty deduction
Best Estimate (2U) (2)	Conventional Natural Gas (Bcf)	Conventional Natural Gas (Bcf)	Conventional Natural Gas (Bcf)
	1,370	1,233	1,172

- (1) Undiscovered Gas Initially-In-Place is that quantity of natural gas that is estimated on a given date to be contained in accumulations yet to be discovered. The recoverable portion of undiscovered gas initially-in-place is referred to as prospective resources; the remainder is unrecoverable.
- (2) 2U is the best estimate scenario of prospective resources.
- (3) Prospective Resources are those quantities of gas estimated, as of a given date, to be potentially recoverable from undiscovered accumulations by application of future development projects. Prospective resources have both an associated chance of discovery and a chance of development. 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.
- (4) Unrisked Prospective Resources these estimates are the volumes that could reasonably be expected to be recovered in the event of the discovery and development of these prospects.
- (5) Risked Prospective Resources 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.

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



COMPANY OWNED DRILLING RIG - (JARVIE-1)

- > ReconAfrica owns a 1,000 HP conventional drilling rig
- ➤ Rig ownership reduces drilling costs by up to 50% and provides control over ongoing drilling program
- > Rated to drill up to ~13,000 vertical feet
 - Stratigraphic Test Wells:
- > 1st well drilling completed April 2021
- > 2nd well drilling completed July 2021
- > 3rd well drilling completed Sept 2022



Proved active petroleum system in the basin

- > Received Environmental Clearance Certificate to drill up to 12 wells
- The right rig for the Kavango Basin. The rig is mobile, suitable for desert conditions and designed for drilling into conventional formations



NAMIBIA AND BOTSWANA - TWO STABLE DEMOCRACIES

Low Country Risk - Strong Adherence to Rule of Law

NAMIBIA

- Former German colony, independent from South Africa since 1990
- Solid infrastructure: paved roads, railroad to port
- Vetted by the Majors, competitive petroleum regime

Licence Terms

- ReconAfrica holds 90% working interest in Petroleum Exploration Licence 73
 - > NAMCOR (Namibia State Oil Company) holds 10% carry to commerciality
- **Exploration Period:**
 - Exploration period continues to January 2024
 - > Right to extend to January 2029
- **25**-year Production License follows commercial discovery
 - Production licence extendable for 10 years
 - > 5% royalty
 - 35% corporate income tax
 - ➤ Additional profits tax when after tax IRR >15%

BOTSWANA

- Africa's longest standing democracy, former UK colony, sovereign nation since 1966
- Fourth most attractive investment destination in Africa*

Licence Terms

- ReconAfrica holds a 100% working interest in Exploration Licence 001/2020
- **Exploration Period**
 - > First exploration period continues to June 2024
 - Right to extend to January 2034
- **25-year Production License follows commercial discovery**
 - Production licence extendable for 20 years
 - Royalties typically 3 to 10% subject to negotiation
 - 22% corporate income tax

* Source - Quantum Global Research Lab



AFRICA

THE PATHS TO COMMERCIAL PRODUCTION

MONETIZING OIL

Proximity to High Quality Road, Rail and Port Infrastructure

- Phase 1 Trucking and rail to Walvis Bay
- Phase 2 Proposed rail extension from railhead through our license area into Zambia1
- Phase 3 Longer term pipeline solution to be integrated into development plans

Seaborne Export Market - Oil (Brent Benchmark)

- Deepwater Port at Walvis Bay with existing oil infrastructure
- Jetties appropriate for 500,000 bbl tankers(Aframax, Suezmax)

MONETIZING NATURAL GAS

Local Power and Natural Gas Markets - NAMPOWER

- Scalable natural gas to power (GTP) solutions
 - close proximity to the grid

Domestic uses for natural gasNamibia Net Importer of Electricity

- Namibia Peak Demand- 695MW (Produces 389MW)
- Large shortfall must import 40-50% of electricity (mainly from South Africa and Zambia)
- Importing drives high cost of electricity

ReconAfrica License Area

Paved highway runs through License Area to Windhoek

Power Transmission Line

Trans-Zambezi Rail Project (Proposed)



(1) Pending approval of the Trans-Zambezi rail project, from Grootfontein to Rundu and Katima Mulilo

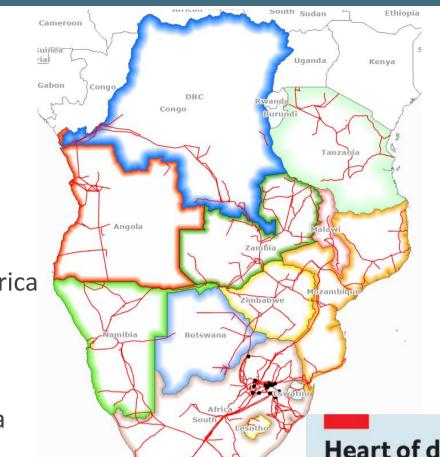
GAS TO POWER - Long-term Export Potential

Southern African Power Pool (SAPP)

- 12 member countries
- Regional electricity power pool
- Development of a competitive interconnected electricity market across Southern Africa
- 8 of 12 countries in power supply deficit Large market opportunity as electricity demand continues to increase across southern Africa
- Largest power producer is South Africa by large margin (48,463MW)- second Zambia (2,734MW)

South Africa Energy Crisis

- Main source of power generation Coal (80%)
- Coal power plant infrastructure aging/poorly maintained
- Domestic electricity scarcity since 2008
- Unable to meet current peak demand-load shedding/rolling blackouts
- Effects daily life (traffic, household power, refrigeration)- detrimental to business, manufacturing, mining.
- New coal fire plants over budget/behind schedule with mechanical failure after commissioning
- Coal-fired generation to phased out in South Africa by 2050 no viable replacement



Power Transmission Lines South African Coal-fired Generation

SAPP Member Map

Heart of darkness

South Africa, cumulative load-shedding*, TWh



The Economist



EMPLOYMENT

ESG: A COMMITMENT FROM THE START – C\$10 MILLION



N\$112 million (C\$10 million) ESG Commitment

- **Drilled 36 freshwater wells for regional communities (solar-powered)**
- Community water wells are assisting the government with resolving human/crocodile conflict
- N\$20 (C\$1.35) million donated for COVID relief efforts, including vaccine logistic provision
- 10 post-secondary education scholarships to students in Kavango East and West
- **Sponsoring 7 Indigenous SAN people for nursing program**
- Wildlife and conservancy initiatives working with Ministry of Environment



Active Engagement with Local Communities

- Strong local hiring and training policy, over 1,350 people
- Comprehensive Stakeholder Consultation, Environmental Impact Assessments and **Environmental Management Plans for all projects and activities**





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 INVESTMENT CONCLUSIONS

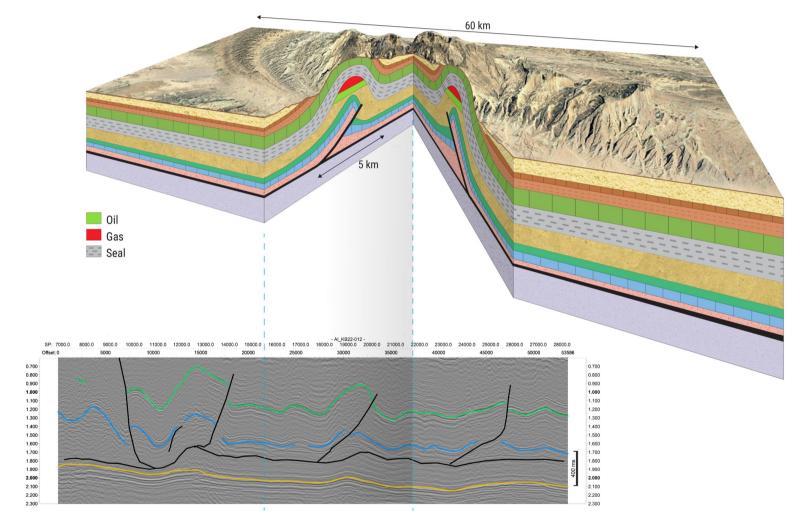
- Kavango Basin, one of the largest onshore undeveloped basins globally
- > Seismic & eFTG programs complete prioritizing prospect inventory new ECC to drill 12 wells

> Strong local and government support, competitive fiscal terms, stable regulatory and political

environment

Discovered new play "Damara Fold Belt" - large whaleback Anticlines

- Multiple elongated anticlinal structures with high potential of 4-way closure/traps
- Upright structures up to ~50,000 acres (~200 sq kms) analogous to Zagros (Iran & Iraq)
- > New NSAI prospective resource 22.4 TCF original gas-in-place
- Designing multi well drilling program 1st well to test Damara Fold Belt



One Company holds the rights to the entire
Kavango Basin in Namibia and Botswana - ~8 mm acres

- High Impact Exploration -





SCOT EVANS, CEO **GRAYSON ANDERSEN, Investor Relations**

Reconnaissance Energy Africa Ltd

Email: investors@reconafrica.com h: 1 877 631 1160 (Toll Free Canada & USA)

AFRICA

Namibia **Reconnaissance Energy Namibia Ltd.** PO Box 518 **Industrial Area 8, AMTA Building** Rundu, Namibia

Botswana **Reconnaissance Energy Botswana Ltd.** PO Box 45128 Riverwalk Gaborone, Botswana

NORTH AMERICA

Canada **Reconnaissance Energy Africa Ltd. Operations Office** Suite 450 – 140 4th Avenue SW Calgary, Alberta T2P 3N3

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









APPENDIX

Resource Definitions and Other Disclaimers

Total Petroleum Initially-In-Place ("PIIP") is that quantity of petroleum that is estimated to exist originally in naturally occurring accumulations and is potentially producible. It includes that quantity of petroleum that is estimated, as of a given date, to be contained in known accumulations, prior to production, plus those estimated quantities in accumulations yet to be discovered. PIIP described in this presentation are classified in the following categories:

Undiscovered petroleum initially-in-place ("UPIIP") is that quantity of petroleum that is estimated, on a given date, to be contained in accumulations yet to be discovered. The recoverable portion of UPIIP is referred to as Prospective Resources and the remainder is unrecoverable.

Prospective resources are those quantities of petroleum estimated, as of a given date, to be potentially recoverable from undiscovered accumulations by application of future development projects. Prospective Resources have both an associated chance of discovery and a chance of development.

Unrecoverable is that portion of Discovered or Undiscovered PIIP quantities that is estimated, as of a given date, not to be recoverable by future development projects. A portion of these quantities may become recoverable in the future as commercial circumstances change or technological developments occur; the remaining portion may never be recovered due to the physical/chemical constraints represented by subsurface interaction of fluids and reservoir rocks. Resources may be unrecoverable because: (a) there is no known technically viable recovery process for any portion of a Resource; and (b) of other contingencies, including, but not limited to, lack of market access, regulatory approval, or social or environmental objections.

It should be understood that the prospective resources discussed and shown herein and in the NSAI Report are those undiscovered, highly speculative resources estimated beyond reserves or contingent resources where geological and geophysical data suggest the potential for discovery of petroleum but where the level of proof is insufficient for classification as reserves or contingent resources. The unrisked prospective resources shown herein and the NSAI Report are the range of volumes that could reasonably be expected to be recovered in the event of the discovery and development of these leads.

In this presentation, the Company provides certain historical information concerning reserves or resources, estimates of the volume of reserves or resources, production estimates, historical production amounts, well tests and other information relating to areas in geographical proximity to the Company's property interest, which may be "analogous information" as defined by applicable securities laws. This analogous information is derived from publicly available information sources that the Company believes are predominantly independent in nature and for which references to such information sources have been provided in such sections. Some of this data may not have been prepared by qualified reserves evaluators or auditors and the preparation of any estimates may not be in strict accordance with the COGE Handbook. In addition, estimates by engineering and geo-technical practitioners may vary and the differences may be significant. The Company believes that the provision of this analogous information is relevant to the Company's activities, given its ownership interests and operations (either ongoing or planned) in the areas in question, however, readers are cautioned that there is no certainty that any of the Company's activities in these areas will be successful to the extent in which operations in the areas in which the analogous information is derived from were successful, or at all. Such information is not an estimate of the reserves or resources attributable to the lands held or to be held by the Company will be similar to the information presented herein.



2D SEISMIC PROGRAM - 2,767km of 2D Seismic Acquired

- > Low intensity Polaris Explorer 860 seismic acquisition tractor, designed for environmentally sensitive areas
- > This equipment provides some of the lowest impact seismic acquisition worldwide
- > Low cost / high quality data / weight drop system / no shot holes
- Providing the first seismically defined drilling program in the Kavango Basin with initial resource report



Polaris 860 Seismic Tractor: One of lightest impact seismic source equipment available

