



Egyptian Operator Primed for Growth

TSXV : **TAO** | OTCQX : **TAOIF**

July 2023





FORWARD-LOOKING STATEMENTS AND DISCLAIMER

TAG Oil Ltd. ("TAG," "TAG Oil" or the "Company") has adopted the standard of six thousand cubic feet of gas to equal one barrel of oil when converting natural gas to "boe," which may be misleading, particularly if used in isolation. A boe conversion ratio of 6Mcf: 1 bbl is based on an energy equivalency conversion method primarily applicable at the burner tip and does not represent a value equivalency at the wellhead.

Statements contained in this news release that are not historical facts are forward-looking statements that involve various risks and uncertainty affecting the business of TAG. All estimates and statements that describe the Company's operations are forward-looking statements under applicable securities laws and necessarily involve risks and uncertainties. Actual results may vary materially from the information provided in this release, and there is no representation by TAG that the actual results realized in the future will be the same in whole or in part as those presented herein. TAG undertakes no obligation, except as otherwise required by law, to update these forward-looking statements if management's beliefs, estimates or opinions, or other factors change. Reserves are estimated remaining quantities of oil and natural gas and related substances anticipated to be recoverable from known accumulations, as of a given date, based on analysis of drilling, geological, geophysical and engineering data, the use of established technology, and specified economic conditions, which are generally accepted as being reasonable, and shall be disclosed.

Reserves are classified according to the degree of certainty associated with the estimates. Proved reserves are those reserves that can be estimated with a high degree of certainty to be recoverable. It is likely that the actual remaining quantities recovered will exceed the estimated proved reserves. Probable reserves are those additional reserves that are less certain to be recovered than proved reserves. It is equally likely that the actual remaining quantities recovered will be greater or less than the sum of the estimated proved plus probable reserves. Possible reserves are those additional reserves that are less certain to be recovered than probable reserves. It is unlikely that the actual remaining quantities recovered will exceed the sum of the estimated proved plus probable plus possible reserves.

The qualitative certainty levels referred to in the definitions above are applicable to "individual reserves entities", which refers to the lowest level at which reserves calculations are performed, and to "reported reserves", which refers to the highest-level sum of individual entity estimates for which reserves estimates are presented. Reported reserves should target the following levels of certainty under a specific set of economic conditions:

- at least a 90 percent probability that the quantities actually recovered will equal or exceed the estimated proved reserves;
- at least a 50 percent probability that the quantities actually recovered will equal or exceed the sum of the estimated proved plus probable reserves; and
- at least a 10 percent probability that the quantities actually recovered will equal or exceed the sum of the estimated proved plus probable plus possible reserves.

The reserve estimates contained herein are estimates only and there is no guarantee that the estimated reserves or resources will be recovered. The estimates of reserves for individual properties may not reflect the same confidence level as estimates of reserves for all properties, due to the effects of aggregation.

Where discussed herein "NPV 10%" represents the net present value (net of capital expenditures) of net income discounted at 10%, with net income reflecting the indicated oil prices and initial production rate, less internal estimates of operating costs and royalties. It should not be assumed that the future net revenues estimated by TAG Oil's independent resource evaluators represent the fair market value of the resources.

Contingent resources are those quantities of petroleum estimated, as of a given date, to be potentially recoverable from known accumulations using established technology or technology under development, but which are not currently considered to be commercially recoverable due to one or more contingencies. Contingent resources, by definition, are not classified as reserves due to several conditions including but not limited to the uncertainties of future oil prices and performance of the initial pilot wells in the first phase of the field development of the project which must be resolved to ensure commerciality. There is no certainty that it will be commercially viable to produce any portion of the resources. The Development Pending sub-set for contingent resources have reasonable potential for eventual commercial development, to the extent that further data acquisition and/or evaluations are currently ongoing with a view to confirming that the project is commercially viable and providing the basis for selection of an appropriate development plan. The critical contingencies have been identified and are reasonably expected to be resolved within a reasonable time frame.

Exploration for hydrocarbons is a speculative venture necessarily involving substantial risk. The Company's future success in exploiting and increasing its current resource base will depend on its ability to develop its current properties and on its ability to discover and acquire properties or prospects that are capable of commercial production. However, there is no assurance that the Company's future exploration and development efforts will result in the discovery or development of additional commercial accumulations of oil and natural gas. In addition, even if further hydrocarbons are discovered, the costs of extracting and delivering the hydrocarbons to market and variations in the market price may render uneconomic any discovered deposit. Geological conditions are variable and unpredictable. Even if production is commenced from a well, the quantity of hydrocarbons produced inevitably will decline over time, and production may be adversely affected or may have to be terminated altogether if the Company encounters unforeseen geological conditions. The Company is subject to uncertainties related to the proximity of any resources that it may discover to pipelines and processing facilities. It expects that its operational costs will increase proportionally to the remoteness of, and any restrictions on access to, the properties on which any such resources may be found. Adverse climatic conditions at such properties may also hinder the Company's ability to carry on exploration or production activities continuously throughout any given year.

The significant positive factors that are relevant to the resource estimates are: proven production in close proximity; proven commercial quality reservoirs in close proximity; oil and gas shows while drilling wells; and calculated hydrocarbon pay intervals from open hole logs. The significant negative factors that are relevant to the resource estimates are: tectonically complex geology could compromise seal potential; and seismic attribute mapping can be indicative but not certain in identifying proven resource.

Certain information in the Information Materials may constitute "analogous information" as defined in NI 51-101, including, but not limited to, information relating to the areas in geographical proximity to the lands held by TAG. Such information is derived from a variety of publicly available information from government sources, regulatory agencies, public databases or other industry participants (as at the date stated therein) that TAG believes are predominantly independent in nature. TAG believes this information is relevant as it helps to define the reservoir characteristics in which TAG may hold an interest. TAG is unable to confirm that the analogous information was prepared by a qualified reserves evaluator or auditor or in accordance with the Canadian Oil and Gas Evaluator Handbook. Such information is not an estimate of the reserves or resources attributable to lands held or to be held by TAG and there is no certainty that the reservoir data and economics information for the lands held by TAG will be similar to the information presented therein. The reader is cautioned that the data relied upon by TAG may be in error and/or may not be analogous to TAG's land holdings. This presentation includes cumulative production rates for a certain well over short period of time. Short term production rates are preliminary, subject to a high degree of predictive uncertainty, and not determinative of the rates at which those or other wells will continue to produce and thereafter decline. Short term test rates are not necessarily indicative of long-term well or reservoir performance or of ultimate recovery. Production over a longer period will experience natural declines, which can be high and may not be consistent over a longer period. Actual results will differ from those realized during an initial production period and the differences may be material.

References to "oil" in this presentation include crude oil and field condensate, and all currency amounts in this document are stated in Canadian dollars unless otherwise indicated.

Crude Oil and Natural Gas Liquids		Natural Gas	
bbl	barrel(s)	Mcf	thousand cubic feet
bopd	barrels per day	MMcf	million cubic feet
Mbbl	thousand barrels	Mcf/d	thousand cubic feet per day
MMbbl	million barrels	MMcf/d	million cubic feet per day
boe	barrel of oil equivalent	Bcf	billion cubic feet
boepd	barrel or barrels of oil equivalent per day	NGL	natural gas liquids
MMboe	million barrel of oil equivalent		

- Canadian International E&P Company listed on TSX-V under the symbol TAO
- Focused on oil and gas exploration and development opportunities in the Middle East and North Africa (“MENA”)
- Basic shares o/s 158.6 million⁽¹⁾
- Fully diluted shares o/s 173.7 million⁽¹⁾
- Market capitalization \$110 million⁽¹⁾

- **Completed its first major transaction in Egypt in October 2022**

- **Completed a \$25.3 million equity financing at \$0.40/share in November 2022**

⁽¹⁾ As at June 29, 2023.





Abby Badwi

Executive Chairman and Director, BSc

Proven oil & gas executive with over 45 years of experience of delivering outstanding returns for shareholders



Toby Pierce

Chief Executive Officer and Director, BSc, MBA

Experienced natural resource executive with expertise in operations, capital markets, investment banking and M&A; Geologist



Keith Hill

Director, MBA

More than 30 years of leadership experience in the oil and gas industry; Geologist



Gavin Wilson

Director, BA

Investment Manager for Meridian Group of Companies, a private investment Company, with over 25 years of oil & gas investment experience



Shawn Reynolds

Director, BSc, MA, MBA

Portfolio manager at Van Eck Securities focused on oil & gas covering global energy companies, and formerly an exploration geologist for Tenneco



Thomas Hickey

Director, MBA

An attorney of the State of California and Solicitor of the Supreme Court of England and Wales, with over 20 years of international oil & gas sector experience



Suneel Gupta

VP & Chief Operating Officer, BSc, MSc

Senior executive in the international oil & gas industry with over 30 years experience in operations, business development and as a general manager



Barry MacNeil

Chief Financial Officer, CPA, CGA

A member of the Chartered Professional Accountants of BC with more than 30 years of management and accounting experience



Gamal Rezk

VP & General Manager, Egypt

24 years of oil & gas experience working with international energy companies with head-offices based overseas, and is instrumental in aligning corporate office personnel with Egypt based operations



Samir Abady

VP & Operations Manager, Egypt

35 years of experience in the oil & gas industry in Egypt, having supervised and managed the drilling of numerous exploration and development wells in the country



Kevin Baxter

VP & Technical Manager, Egypt

30 years of proven oil & gas management experience in developing and managing large, diverse organizations that have delivered against challenging objectives

■ **Working Capital⁽¹⁾**

- \$21.4 million⁽¹⁾ in cash with no debt
- \$24.0 million⁽¹⁾ in working capital

■ **Equity Financing**

- Completed a \$25.3 million financing in November 2022

■ **New Zealand Royalty Revenue**

- 2.5% on gross revenue produced from the New Zealand assets
- \$1,271,731 royalty payments received in 2022
- Applies to all current and future production

■ **Australia**

- Three blocks sold in 2020 for a cash payment of ~A\$2,500,000
- TAG Oil to receive a 3.0% gross overriding royalty on potential future gas production

■ **New Focus**

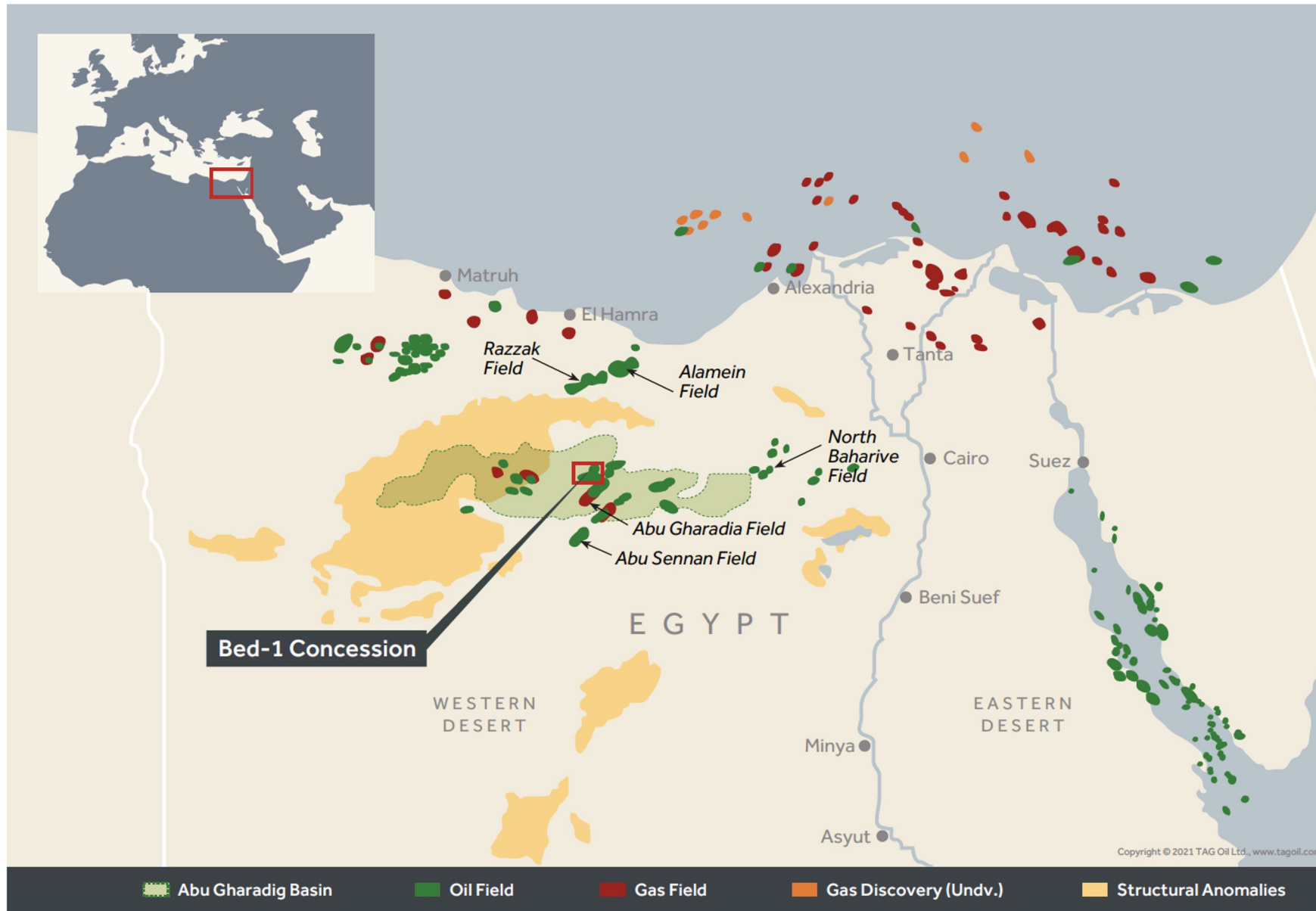
- Following return of capital to shareholders and retaining a strong balance sheet in 2019, TAG Oil embarks on a strategic initiative in September 2020 to acquire oil and gas assets in the MENA region
- Additional leadership team with proven track record join TAG Oil in September 2020
- TAG Oil completes the Badr Oil Field (“BED-1”) transaction in Egypt in October 2022
- In May 2023, TAG Oil announces first oil production from the successful re-entry of BED 1-7

⁽¹⁾ As at fiscal Q3/23 (December 31, 2022).

- **Management has a successful track record of delivering value to shareholders:**
 - **TAG Oil** (New Zealand and Australia), Toby Pierce as CEO (2015 to present) completed the sale of New Zealand and Australian assets and return of capital to shareholders of \$25.6 million in 2020
 - **Kuwait Energy** (Egypt, Oman and Iraq), Abby Badwi as CEO (2017 to 2019) grew production and completed the sale of the company in 2019 for US\$830 million
 - **Bankers Petroleum** (Heavy oil in Albania), Abby Badwi as CEO and Vice Chairman (2008 to 2016) and Suneel Gupta as COO (2004 to 2016), grew production and reserves in Albania and sold the company in 2016 for \$790 million
 - **Verano Energy** (Colombia), Abby Badwi as Founder and Chairman completed the sale of the company in 2014 for \$200 million
 - **Rally Energy** (Scimitar Egypt), Abby Badwi as CEO (2005 to 2007) grew production and reserves in Egypt and Pakistan and sold the company in 2007 for \$890 million

- Egypt is a democratic republic, its geography, population and history, have made it a highly influential country in the region
- The largest Arab country and has played a central role in Middle Eastern politics in modern times
- It has the largest and most diversified economies in the Middle East
- Oil and gas, mining, agriculture, the Suez Canal, tourism and textile industry are the major contributors to Egypt's economy
- Egypt produces approximately 700,000 bopd and is a net exporter of natural gas
- Recently signed a tri-lateral agreement with Israel and the EU to be a major gas and LNG export hub to Europe





- Signed a **Petroleum Services Agreement** with Badr Petroleum Company (“BPCO”), a wholly owned subsidiary of EGPC, on October 13, 2022 to develop Abu Roash “F” (“ARF”) formation in the BED-1 Field, a 107 km² (26,000 acres) concession located in the Western Desert, Egypt



BED-1 PETROLEUM SERVICES AGREEMENT

- **Concession History:** BED-1 concession was previously held by Shell and produced more than 90 million bbl of light oil from formations below the ARF. Shell surrendered BED-1 in 2012 and the field has since been operated by BPCO, a wholly owned subsidiary of EGPC
 - Current production from BED-1 deeper zones is ~5,000 bopd, and the field has a 25,000 bbl processing facility
- **Concession Term:** Until 2032 with a 10-year extension to 2042
- **Service Fee:** BPCO to pay TAG Oil a service fee as a percentage of gross Production Revenue Entitlement to compensate the Company for assuming 100% of the capital and operating expenditures
 - Production level of up to 10,000 bopd and Brent Oil price between \$70 and \$90 the fee is **62% of production revenue.** Taxes and Royalties to be paid by BPCO
- **Phase 1:** Evaluation Period, which is considered as a pilot development stage, \$6 million commitment
- **Phase 2:** Commercial Development stage to commence following a successful evaluation period, \$6 million commitment

COMPARISON SUMMARY OF BED-1 ARF EGYPT AND EAGLE FORD IN TEXAS

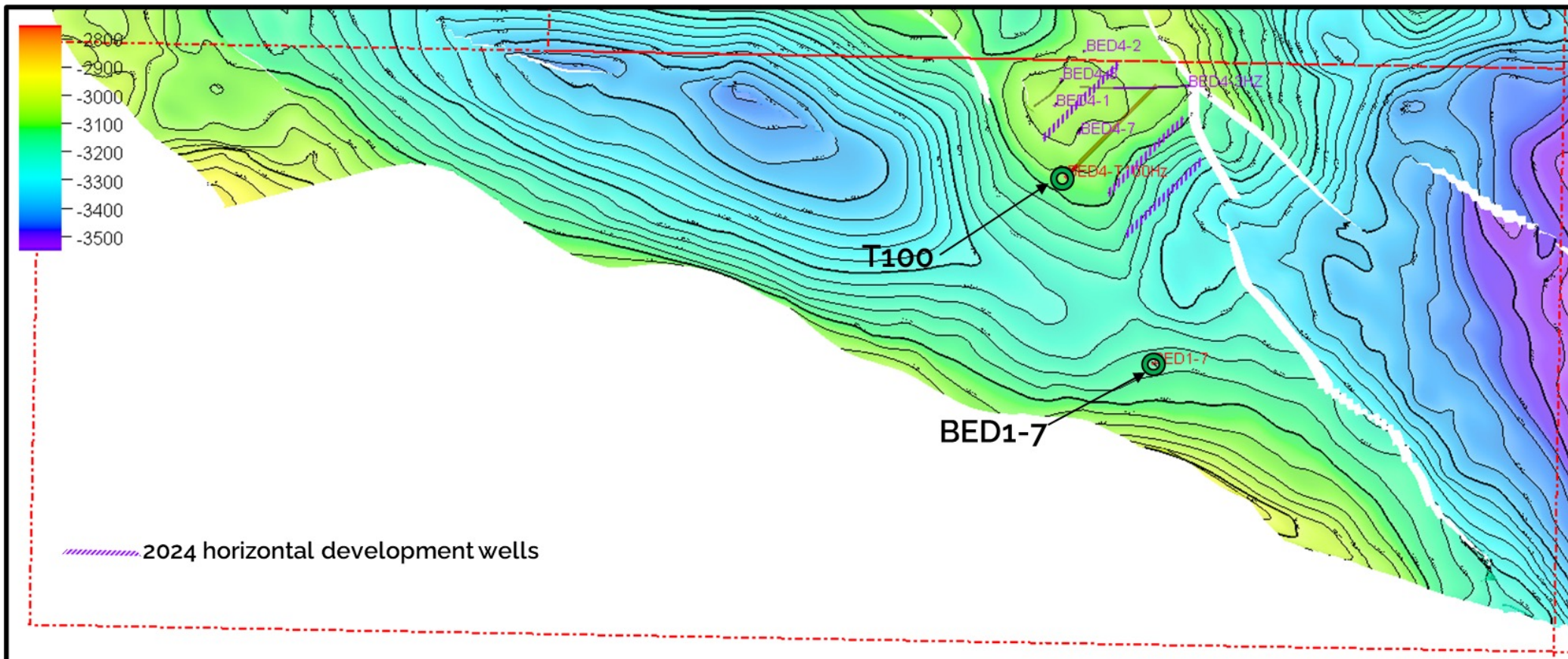
Asset	Location	Formation	Age	Depth	Avg Thickness	Porosity	Avg Perm	Avg Sw	Avg TOC	Avg Pressure	Avg Temp	Oil Quality	Lithology	Environment
BED-1 Field	Egypt	ARF	Early Cretaceous	10,000'	130-165'	5-9%	Nanodarcy range	5%	2.30%	6,200 psi	117° C	18-26°	Organic dolomitic shales with silty sand and limestone streaks	Shallow marine anoxic deposition
Eagle Ford	USA	Eagle Ford	Late Cretaceous	4,000-12,000'	250'	0.5-10%	Nanodarcy range	7-31%	2.40%	4,700 psi	102° C	30-60°	Organic marine shales and marls with thin interbedded limestones	Shallow marine anoxic deposition

Key Comparisons:

- **Water saturation** for ARF in BED-1 Field is much ***lower*** than in Eagle Ford.
- **Total Organic Content (TOC)** is very ***similar*** between BED-1 ARF and Eagle Ford.
- **Oil quality** and viscosity is slightly better in the Eagle Ford compared to the BED-1 ARF.
- **Reservoir pressure and temperature** for BED-1 ARF are both ***higher*** than the Eagle Ford.
- **Depositional environments** is ***similar*** as well as age of deposition.
- **Less shale content** BED-1 ARF suggesting it ***is more brittle*** than the Eagle Ford and therefore more amenable to hydraulic fracturing.
- **Reservoir depth** of the BED-1 ARF is ***similar*** to the depth of the oil window in the Eagle Ford.
- **Permeabilities** for both unconventional reservoirs are on the nano-darcy scale prior to fracturing.

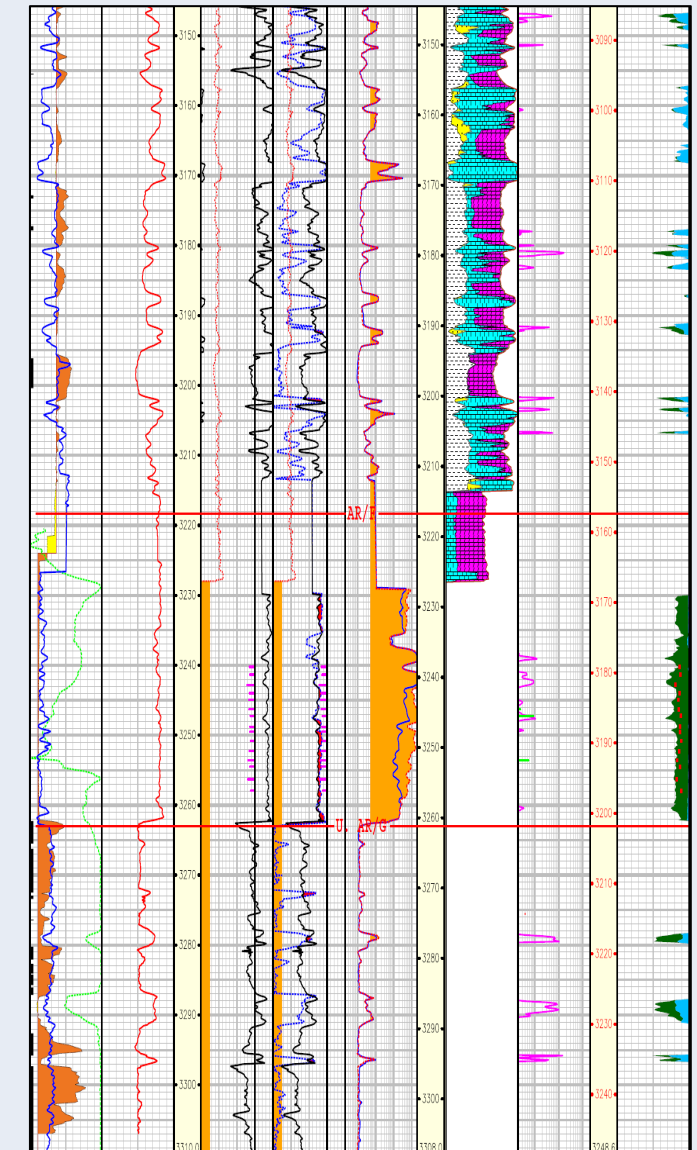
BED-1 CONCESSION – PHASE 1 DEVELOPMENT WELLS

- BED 1-7 Vertical Recompletion was completed in May 2023
- BED4-T100 Horizontal Well drilling planned for August 2023, anticipate results in November 2023
- 3 to 4 Horizontal Well locations planned for 2024 drilling program



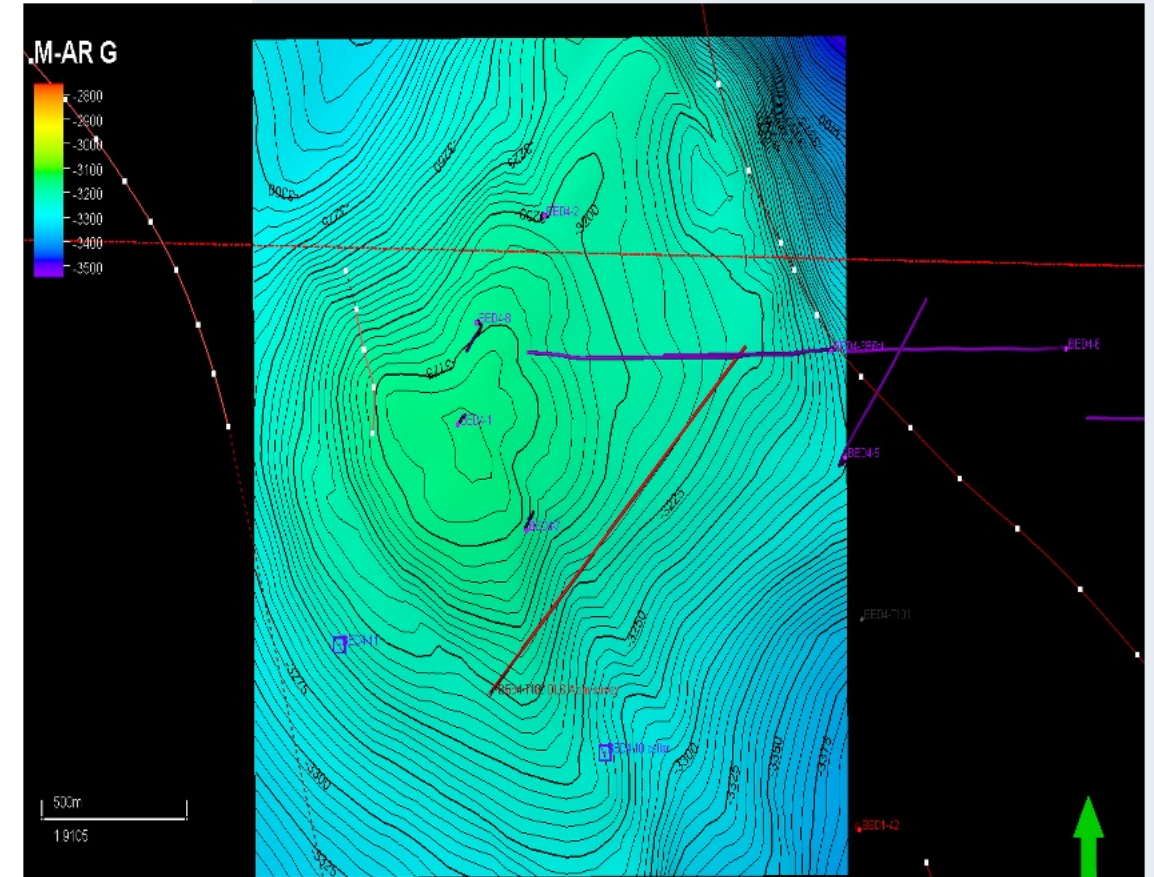
- Successful re-entry of an existing vertical well
- First step to establish oil production from the ARF formation
- Perforated and conducted Diagnostic Fracture Injectivity Test (DFIT) of the ARF
- Conducted a single fracture stimulated with 110 ton frac.
- Installed Electric Submersible Pump (ESP pump)
- Well production stabilized at 140 bopd of 23° API Oil
- Cumulative production as of June 19, 2023 is in excess of 4,000 barrels
- Positive response confirming reservoir model and performance

BED 1-7 Thick 40 meters ARF Formation



BED4-T100 HORIZONTAL WELL LOCATION

- Located adjacent to wells BED 4-2 (75,500 bbl₍₁₎) and BED 4-3Hz (74,000 bbl₍₁₎) that produced oil from ARF natural fractures, but the wells stopped producing after depleting primary fractures
- Expected to spud in August 2023
- Estimate 90 days to drill and complete
- Well expected to be tied-in to BED-1 processing facility immediately after
- Anticipating first oil production in November 2023
- Modeling estimates initial production forecast to be between 1,000 and 1,500 bopd₍₂₎



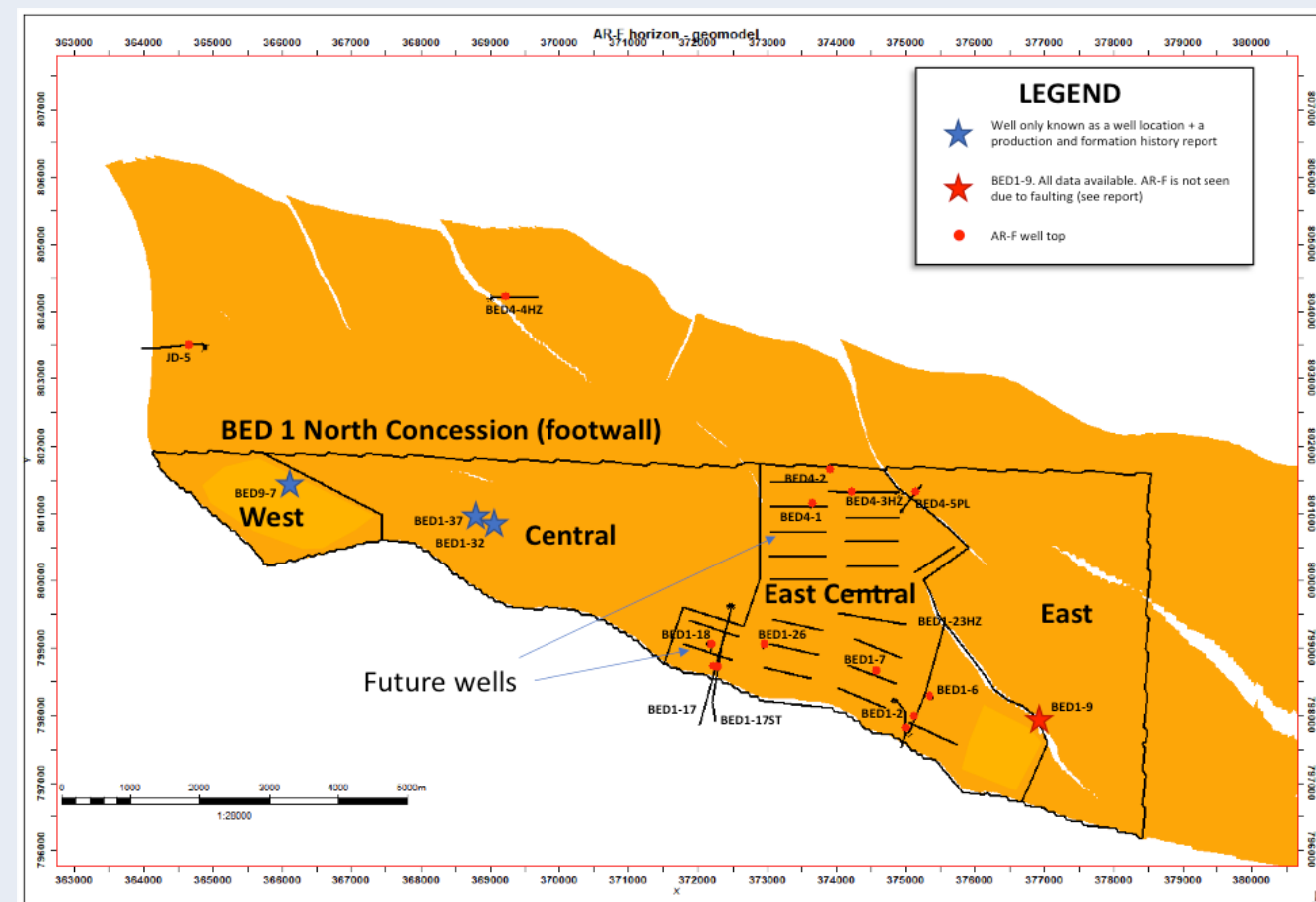
(1) Cumulative oil produced from ARF.

(2) Estimate from independent resources evaluation of the ARF formation in BED-1, Western Desert, Egypt, dated November 21, 2022, prepared by independent qualified reserves evaluator RPS Energy Canada Ltd. ("RPS") with an effective date of March 31, 2022.

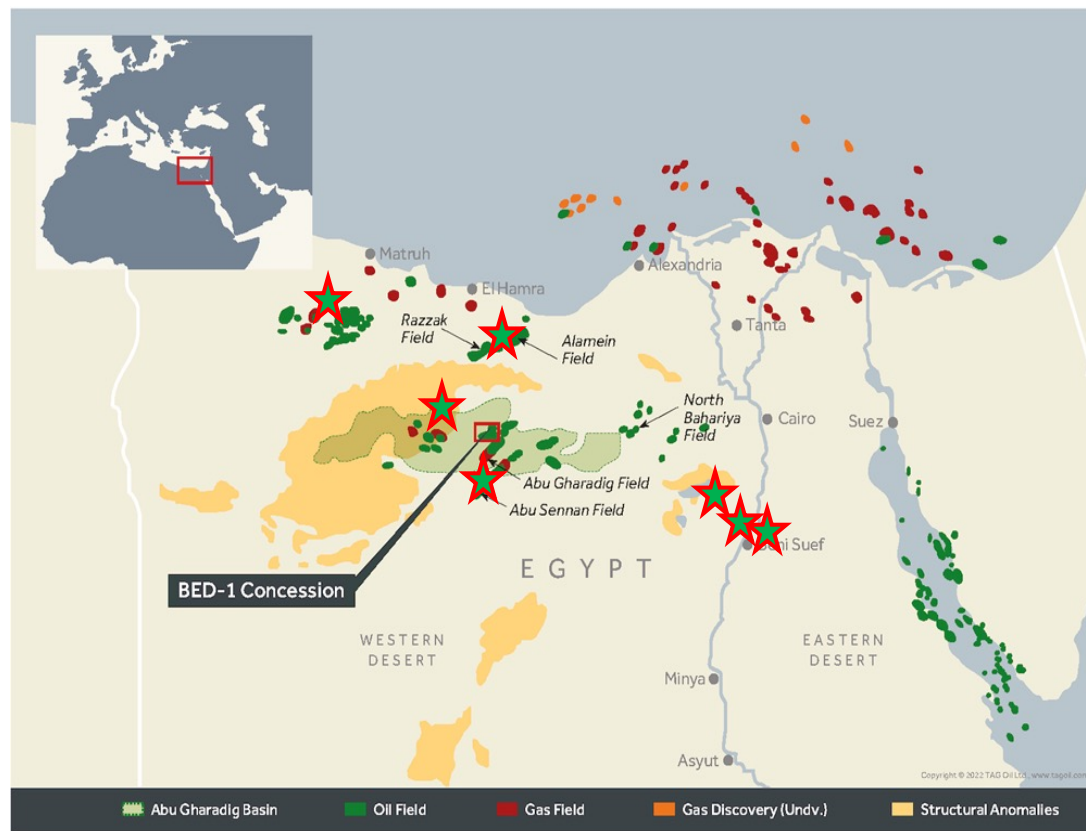
RESERVES SUMMARY HIGHLIGHTS - BED-1

- RPS estimates the **ARF OIIP P50 Volumes to be 531.5 million barrels over the BED-1 concession area**.
The discovered OIIP in the ARF is imaged by 3D seismic coverage, significant well control with over 30 penetrations, petrophysical analysis of available log and core data and production tests from the ARF.
- TAG Oil's **current Field Development Plan ("FDP")**, **consisting of drilling 20 horizontal wells** to be completed with multi-stage fracture stimulation, is focused on the east central part of the BED-1 concession area, and contains OIIP P50 Volumes of 178.3 million barrels.
- RPS best estimate for Contingent Resources volumes (2C Development Pending) is **27.0 million barrels gross with 16.5 million barrels net** to the Company.
- Estimate **recovery of approximately 15%** in the East Central part of the concession
- FDP **CAPEX and OPEX discounted at 10% is US\$104 million and \$160 million** for the 2C Development Pending Contingent Resources in the ARF.

- RPS estimate for Contingent Resources (2C Development Pending) **net present value discounted at 10%** and assumed RPS Price Forecast of April 1, 2022, per barrel is **US\$339 million (risked at 80% chance of development) and US\$423 million (un-risked)**.



TAG continues to evaluate new acquisitions and joint venture opportunities primarily in Egypt and the Arabian Gulf area, with the aim of expanding and identifying suitable additions to the Company's portfolio.





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