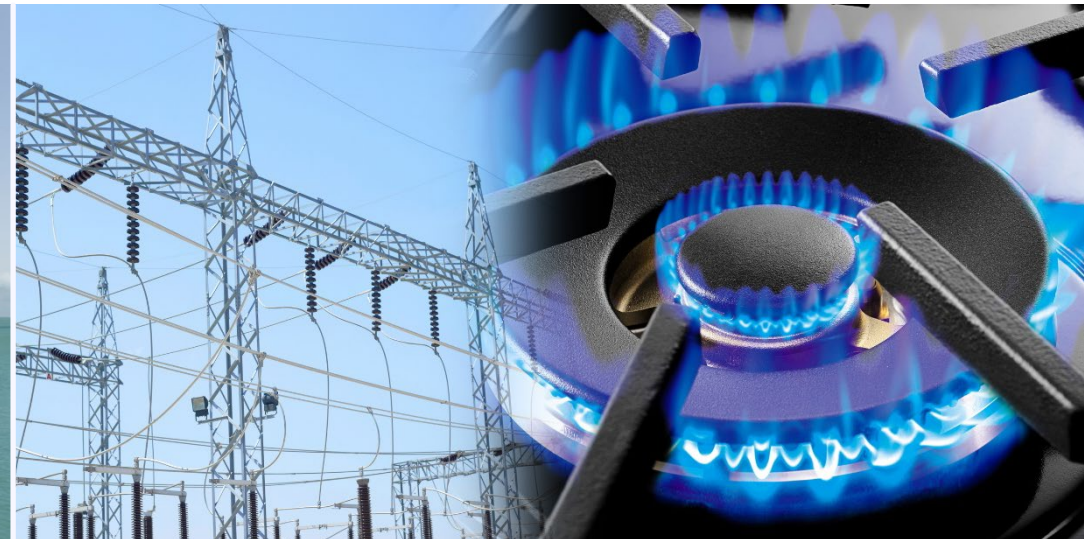




Uniquely Positioned to Deliver Sustainable Growth

Corporate Presentation

April 2024



Southern Energy - Positioned for Significant Growth



High quality Gulf Coast assets receiving premium pricing

- Premium natural gas pricing above NYMEX (Henry Hub)
- Stable base production and cash flow with long reserve life
- Low cost, high margin operations support profitable through-cycle business plan



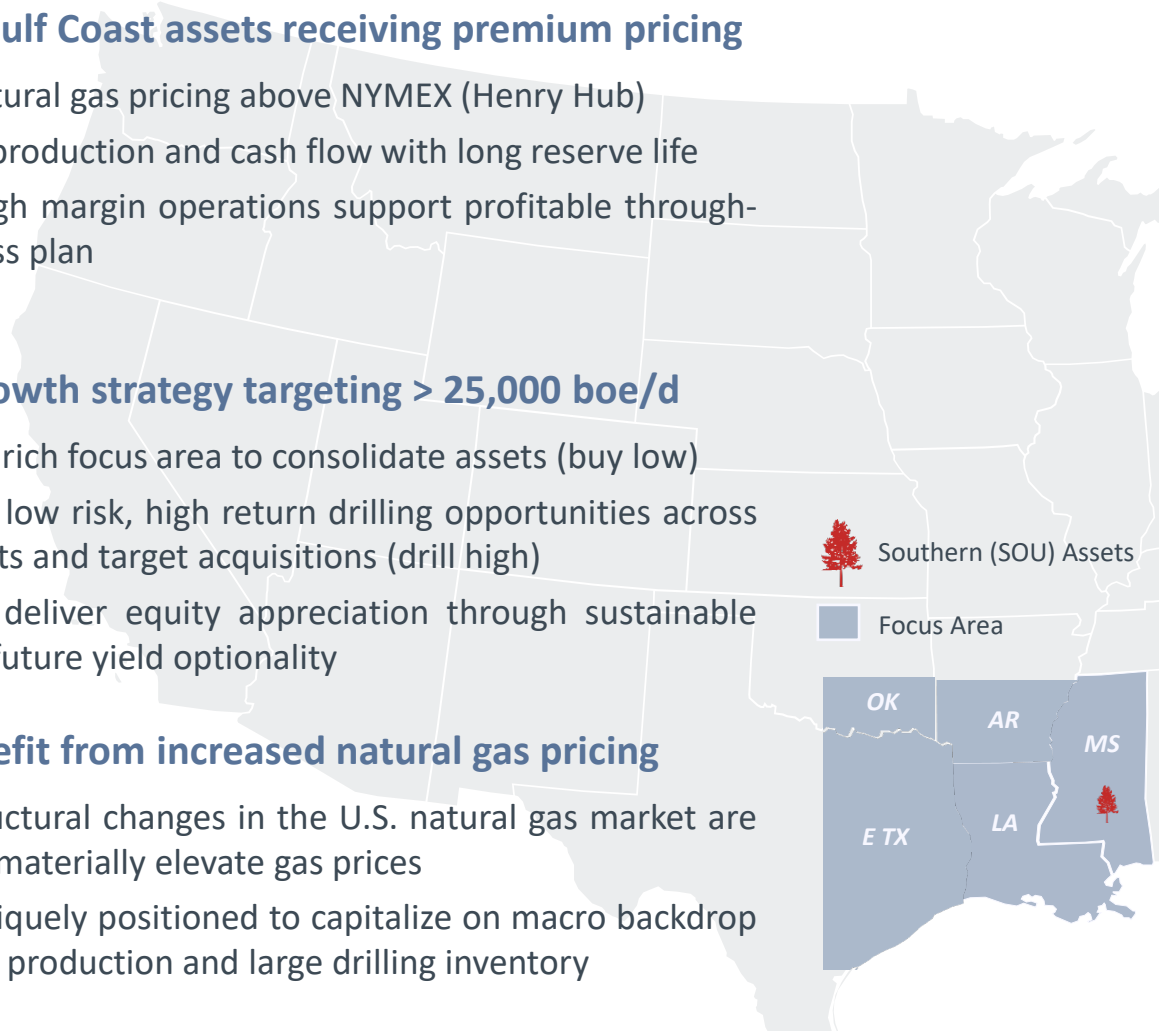
Disciplined growth strategy targeting > 25,000 boe/d

- Opportunity rich focus area to consolidate assets (buy low)
- Inventory of low risk, high return drilling opportunities across existing assets and target acquisitions (drill high)
- Portfolio to deliver equity appreciation through sustainable growth and future yield optionality



Poised to benefit from increased natural gas pricing

- Ongoing structural changes in the U.S. natural gas market are expected to materially elevate gas prices
- Southern uniquely positioned to capitalize on macro backdrop with existing production and large drilling inventory



AIM, TSXV, OTCQX

Listings

\$20.7 MM ⁽¹⁾

Current Market Capitalization

2,850 boe/d ⁽²⁾

Current Production

29.6 MMboe ⁽³⁾

2P reserves (YE 2023)

\$119.3 MM ⁽³⁾

2P NPV10 (YE2023)

All figures in USD unless otherwise specified

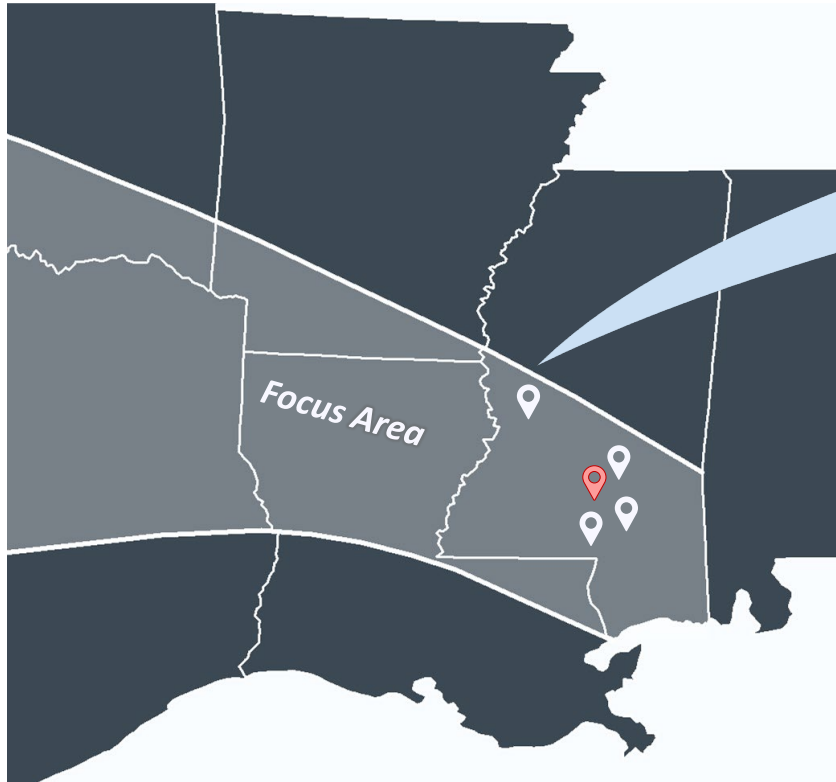
Southern Energy is a conventional U.S. Gulf Coast natural gas producer with stable production and cash flows supporting a significant growth profile

1) Market capitalization is calculated as of April 12, 2024, using a share price of CDN \$0.17/share; F/x rate of US\$0.73/CDNS. Basic shares outstanding of 166,497,433 and 185,825,215 fully diluted at 04/12/2024

2) Working interest production capacity estimate at April 1, 2024; Approximately 96% gas

3) Company Gross Reserves, based on a report by Netherland, Sewell and Associates, Inc., estimated at 12/31/23 using average CDN engineering consultants 1/1/24 price forecast. See "Disclaimers – Oil and Gas Advisories"

Focused on Value Creation through Accretive Growth



-  Core Areas
-  Gwinville Development

Current Company

Strong Base Production & Asset Optimization

- ✓ Low risk, stable base cash flow
- ✓ History of class-leading OPEX reductions and value creation
- ✓ Completed Gwinville 3-well HZ appraisal program Summer 2022
- ✓ Drilled 7-well HZ program at Gwinville ending in March 2023
- ✓ Completion of 3 high quality "DUCs" in H2 2024 will materially increase production and cash flow

Acquisition Opportunities

- ✓ Disciplined consolidation strategy utilizing management's proprietary database and technical advantage
- ✓ Discounted PDP valuations that contain organic growth potential
- ✓ Experience implementing proven cost saving and optimization strategies
- ✓ **Actively evaluating targeted acquisitions in our focus area**
- ✓ **Opportune time to acquire strategic assets**

Organic Development Growth

- ✓ Large scale, under-developed assets with low historical recovery from vertical wells
- ✓ Large-scale reserve additions with multi-year drilling inventory potential
- ✓ Upside optionality with low-risk, low-cost growth of gas or liquids
- ✓ **Pace of proposed development driven by commodity pricing**
- ✓ **Full-cycle return oriented**

Buy Low

Drill High

Price Dependent Execution of Growth Strategy

Strategically building a large-scale sustainable growth focused natural gas company in the U.S. Gulf Coast area



Positioning Southern for the Future of Natural Gas

Significant Incremental Demand in Next Several Years



- Additional 10+ Bcf/d LNG export capacity under construction & commissioning; capacity will exceed 24 Bcf/d in next 5 years
- Artificial Intelligence (AI) data center build out and Cryptocurrency mining presents a new growing domestic demand
- Consistent market share gain from planned coal & nuclear retirements to continue
- Scale and rate of electrification of transportation in U.S. could add significant power demand
- Pipeline and LNG exports to Mexico growing again after major infrastructure investment in last few years
- **Excess U.S. LNG export capacity will create price convergence with global natural gas prices (TTF, JKM & HH)**

Stagnant Growth, Declining Results & Higher Cost Supply in Next Several Years



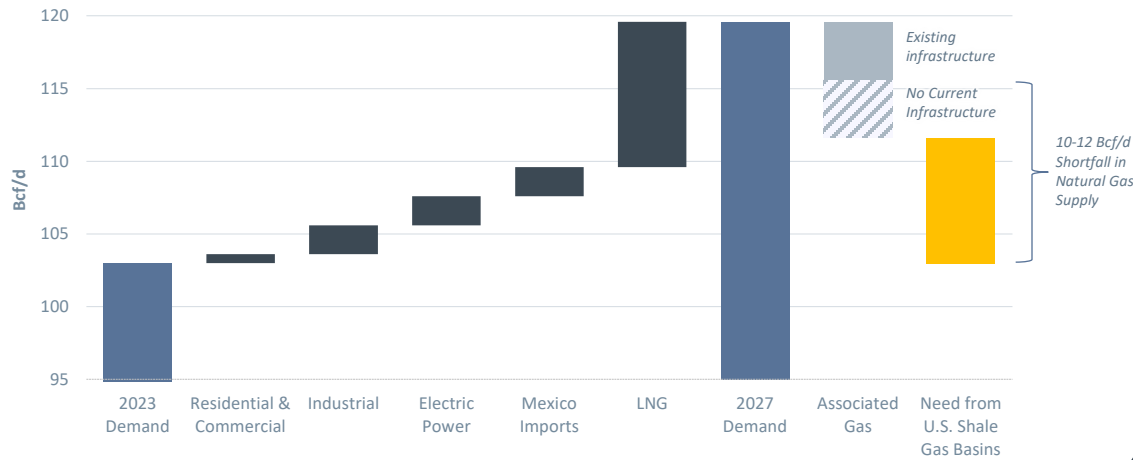
- Systematic undercapitalization & declining results have stagnated U.S. natural gas production growth
- January 2024 gas-focused rigs down 50% in Haynesville and 30% in Marcellus year-on-year
- Significant DUC drawdown muted declines in 2023 despite drop in rig counts from 2022
- April 2024 production now well below 100 Bcf/d from a high of 106 Bcf/d in Q4 2023
- U.S. base production of approximately 100 Bcf/d declines at 25% per annum (25 Bcf/d/yr new production to stay flat)
- Sweet spot exhaustion of tier 1 drilling in top shale plays (Marcellus, Haynesville)
- **To meet demand, natural gas prices will have to move much higher to incentivize lower tier drilling in shale plays**

Progressive Mismatch Between Supply and Demand Dynamics

Positioning Southern in a Strengthening U.S. Gas Price Environment

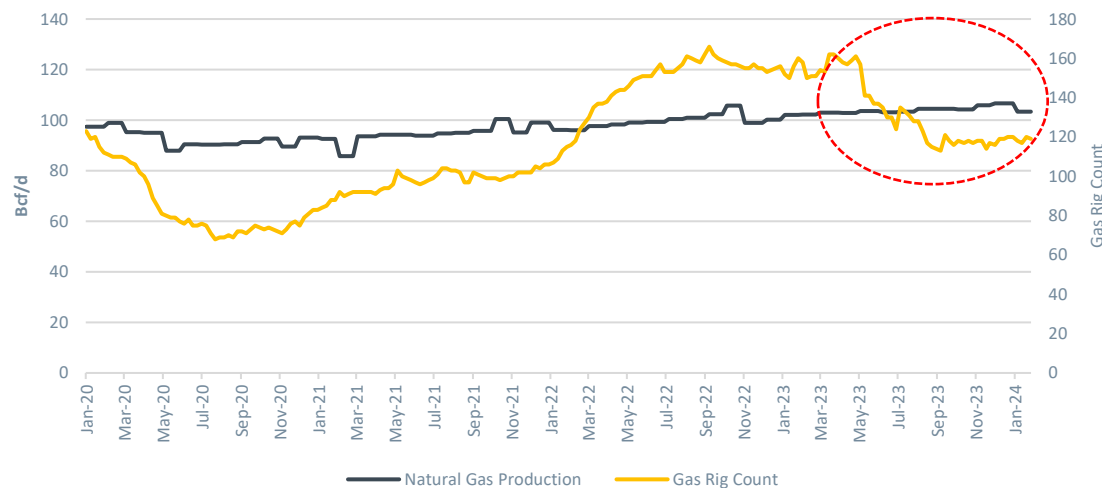


The Growing U.S. Natural Gas Supply & Demand Imbalance



- U.S. natural gas demand expected to grow by over 15 Bcf/d in next 4 years
- Demand growth forecasted to be driven by large increase in LNG export capacity, exports to Mexico and increased natural gas fired power
- AI Data centers, AI technology and Cryptocurrency mining creating significant new growth drivers in domestic power demand in the U.S.
- Natural gas supply is not forecasted to match demand despite continued growth in associated gas
- This mismatch between U.S. supply and demand in natural gas is expected to provide significant price support to natural gas prices

Supply Drivers – U.S. Natural Gas Production and Gas Rig Count



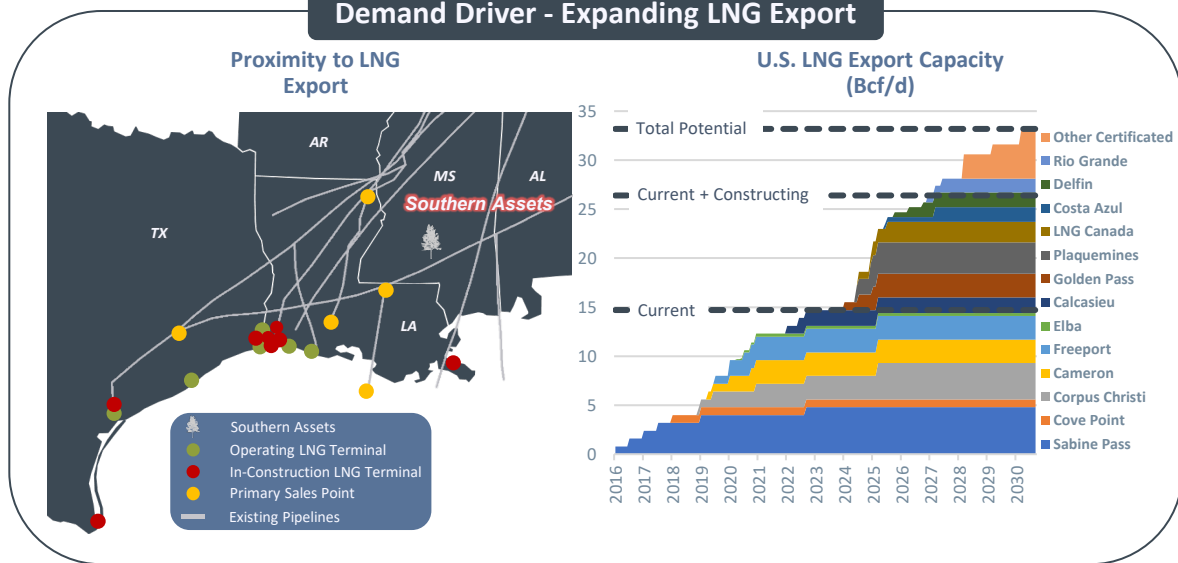
- U.S. production has declined rapidly from a Q4 2023 high of 106 Bcf/d to a current rate of 97 Bcf/d which is the lowest since the Covid-19 pandemic in 2020
- Rig counts in major shale plays not supportive of growth in overall U.S. dry gas production (Marcellus and Haynesville)
- Industry DUC inventory is the lowest since 2014 and will mute the ability of a producer response to higher pricing to add production in 2024
- Higher gas prices needed to incentivize increased activity levels in progressively lower quality remaining drilling location inventory

Source: Mobius Risk Group, U.S. Energy Information Administration

Macro Backdrop – U.S. Gas Demand

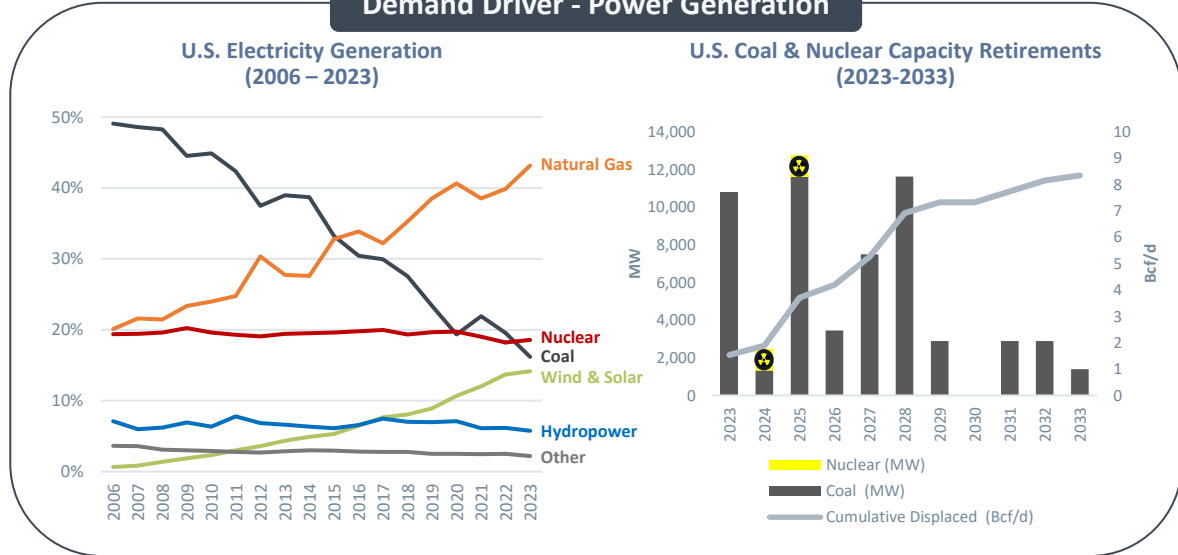


Demand Driver - Expanding LNG Export



- Gulf Coast LNG export additions are expected to add 10+ Bcf/d in the next four years; a 75% increase from today's levels
 - Plaquemines Stage 1 start-up in June 2024 (1.3 Bcf/d; 3.3 Bcf/d total)
 - Corpus Christi Stage 3, Train 1 in Q3 2024 (0.3 Bcf/d; 1.8 Bcf/d total)
 - Golden Pass Train 1 & 2 start-up expected in Q1 2025 (2.6 Bcf/d)
- Excess U.S. export capacity expected to drive price convergence with global LNG prices (JKM & TTF ~ \$12+/MMBtu vs. HH ~ \$1.80/MMBtu)
- Southern assets are ideally located close to this rapidly growing LNG export hub

Demand Driver - Power Generation



- Natural gas fired power in the U.S. has doubled in the last 15 years as coal market share has plummeted from 50% to current lows of less than 20%
- Further growth expected with planned coal and nuclear retirements
- 25% of U.S. coal plants to be retired within 10 years and 2,300 MW of nuclear power to be retired by 2025
 - Equivalent to > 8 Bcf/d of new potential demand in next 10 years
- Wind & solar not reliable enough to be a base load power generation source and actual generation is significantly lagging behind the capacity build out

Source: Mobius Risk Group, U.S. Energy Information Administration. <https://www.celsiusenergy.net/p/lng-pricing-profitability.html>

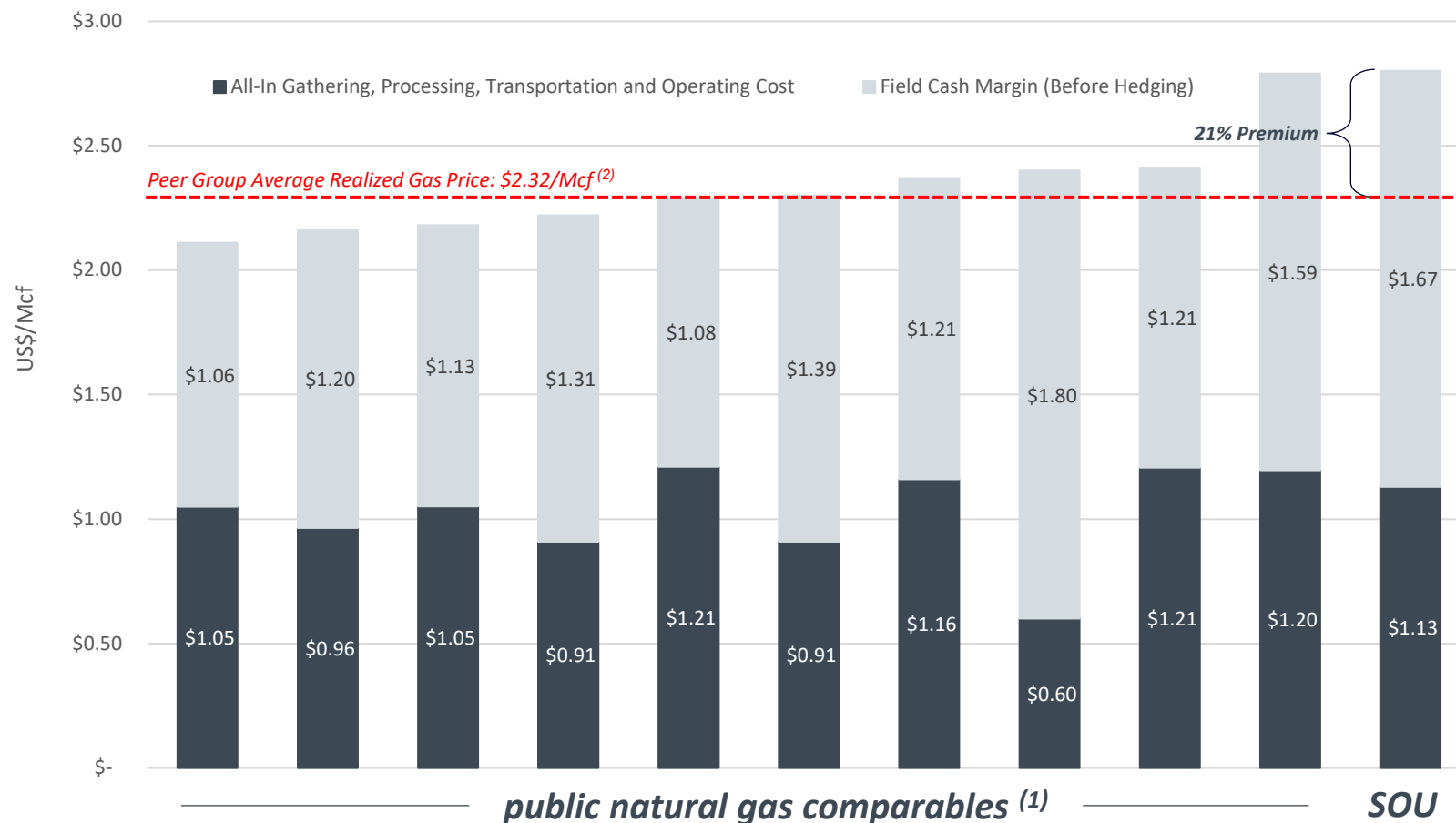
Southern Energy's Gulf Coast Advantage



High Profit Margin

- Minimal transportation costs with owned/operated infrastructure
- Enables gas sales directly to sales points at our operated facilities
- Premium pricing – **21% premium to peer group average pricing with a 2023 average realized price of \$2.80/Mcf**
- Last twelve months (LTM) corporate all-in per unit operating cost of \$1.13/Mcfe; Expected to be **reduced to below \$0.60/Mcfe** with Gwinville multi-well development program

Public North American Gas Producers – 2023 Field Cash Margins



Southern is one of the highest margin natural gas producers in North America

1) Peer data sourced from company financial results announcements and Financial Statements for YE2023. Peers include: Advantage, ARC, Chesapeake (Haynesville and Marcellus), Comstock, Coterra, EQT, Range, Southwestern, and Tourmaline.
 2) Peer Group Average Realized Gas Price excludes Southern Energy Corp.

Year-End 2023 Reserve Summary

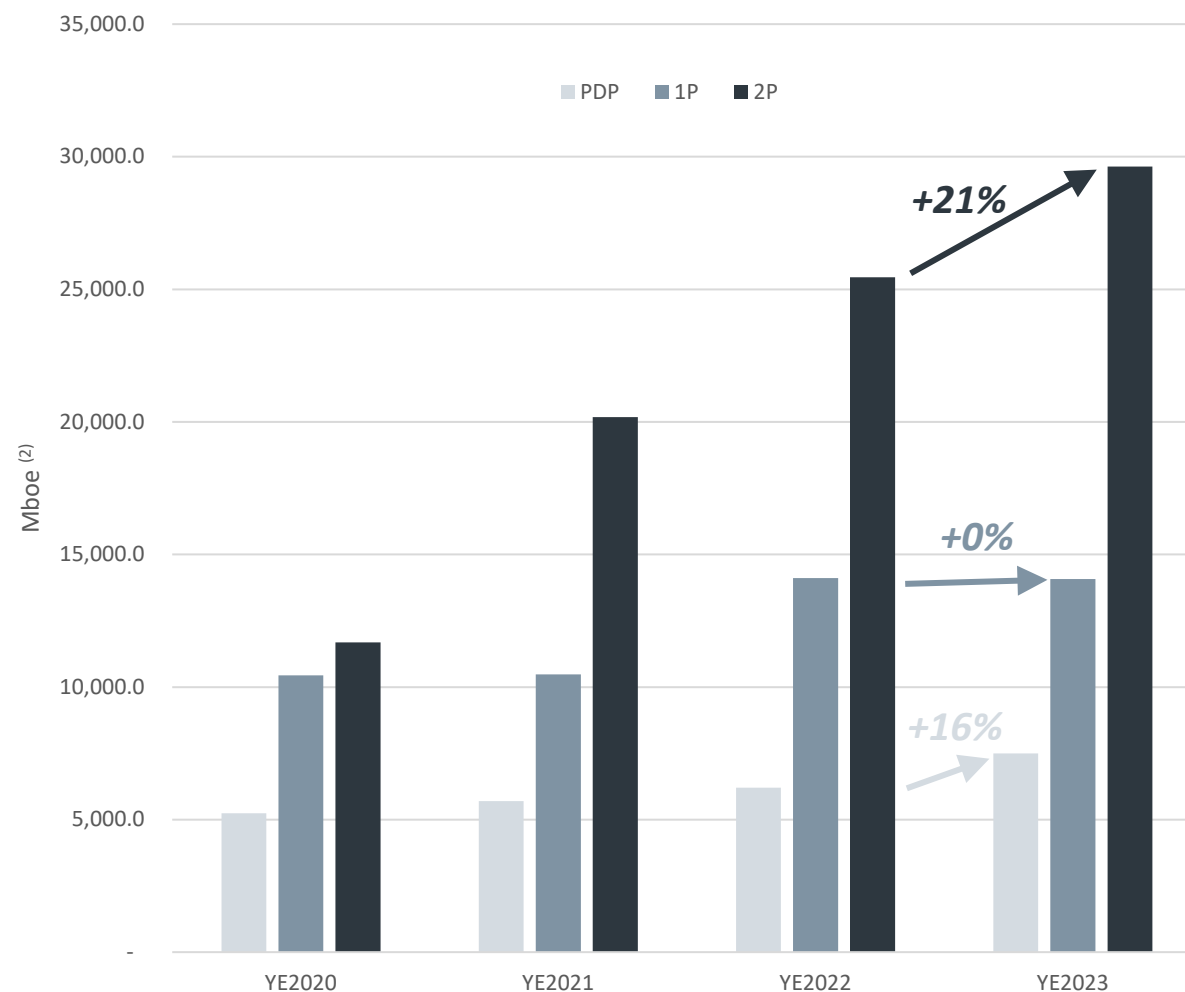


2023 marked a third consecutive year of material reserves growth for Southern Energy

Reserves Category	Company Reserves ⁽¹⁾			Net Present Value
	Total Oil Equivalent (Mboe)		% Gas	Before Income Taxes, Discounted at 10%/year
	Gross	Net		(US M\$)
Proved Developed Producing	7,496	5,877	97%	39,865
Proved Developed Non-Producing	1,576	1,211	93%	9,478
Proved Undeveloped	5,007	4,032	91%	14,043
Total Proved	14,078	11,120	94%	63,386
Probable	15,556	12,357	98%	55,929
Total Proved Plus Probable	29,635	23,477	96%	119,315

Quick Facts:

- Material ~ 16% increase in PDP reserves YoY
- CAGR of > 36% in 2P reserves from YE 2020 to YE 2023
- 2023 average production of 2,719 boe/d; 5% higher than prior year
- Long PDP RLI of 7.8 years; 2P RLI of 30.9 years
- YoY reserve replacement: 229% PDP, 96% 1P, 521% 2P
- 10 Selma Chalk probable locations in Gwinville added with the June 2023 acquisition: YE 2023 adds of 1.6 MMboe PDP and 7.4 MMboe 2P



1) Company Gross Reserves, based on a report by Netherland, Sewell and Associates, Inc., estimated at December 31, 2023 using average CDN engineering consultants January 1, 2024 price forecast

2) Percentage growth calculated does not include 2023 production replacement

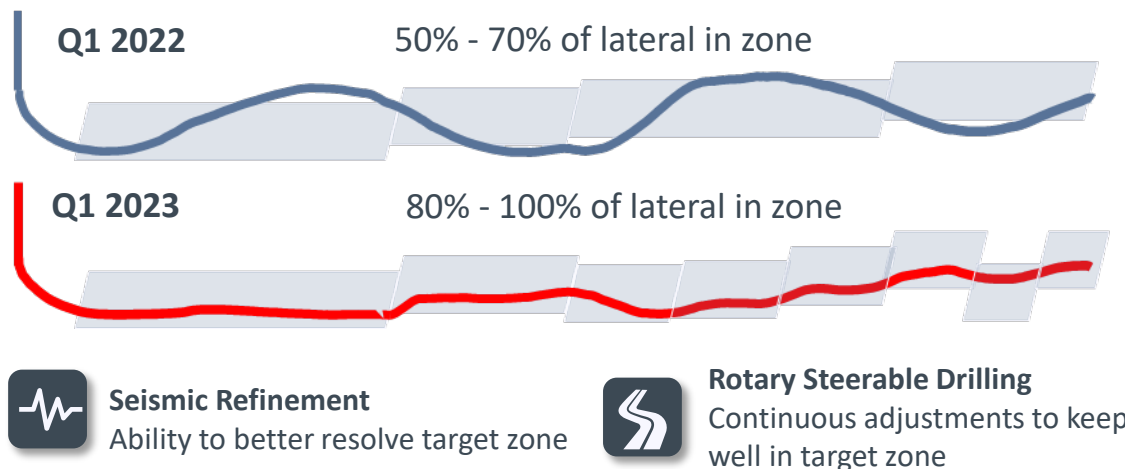
Gwinville Large Scale Natural Gas Redevelopment








Significant Underdeveloped Gas Resource

- Multi-zone production of 1.5 Tcf, 12 MMbbl, historical decline < 10%; historically, largest gas field in the state of Mississippi
- **1+ Tcf OGIP** in Selma Chalk and City Bank target zones
- Well-defined by hundreds of vertical wells, 3D seismic and early horizontal wells with low current recovery factor of < 20%
- Significant potential in deeper zones which have produced more than 750 Bcf and 80 MMbbl from immediately offsetting fields
- **Owned and operated infrastructure** with expandable capacity

Utilizing Technology to Increase In-Zone Lateral Length



2022/2023 Drilling Program Summary

-  Successfully drilled 10 horizontal wells; Completed 7 wells to date
-  Executed on or under budget; Paused in Q1 2023 due to gas price
-  Effectively implemented technical learnings in 2023 program
-  3 drilled and uncompleted (DUC) wells expected to be highly productive
-  Cost inflation experienced in 2022 / 2023 program is now subsiding

Technology Delivering High Quality Drilling Results

~ 50%

Drilling time reduction in 2023

> 75%

In-zone laterals in 4/5 Selma Chalk

> 30%

\$/ft cost reduction from Gen 1 Wells

95%

Avg. in-zone laterals in the three DUCs

5,400'

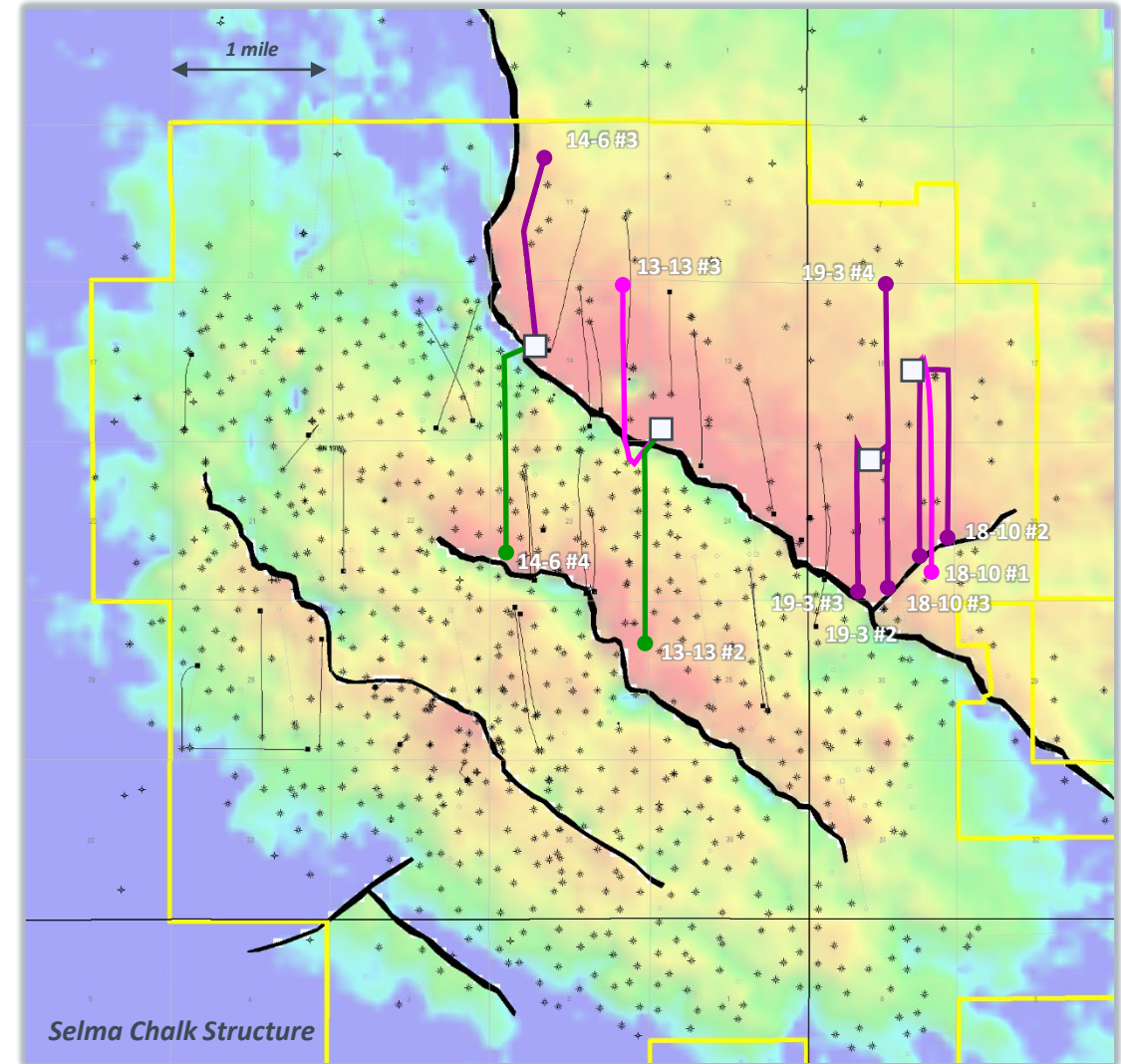
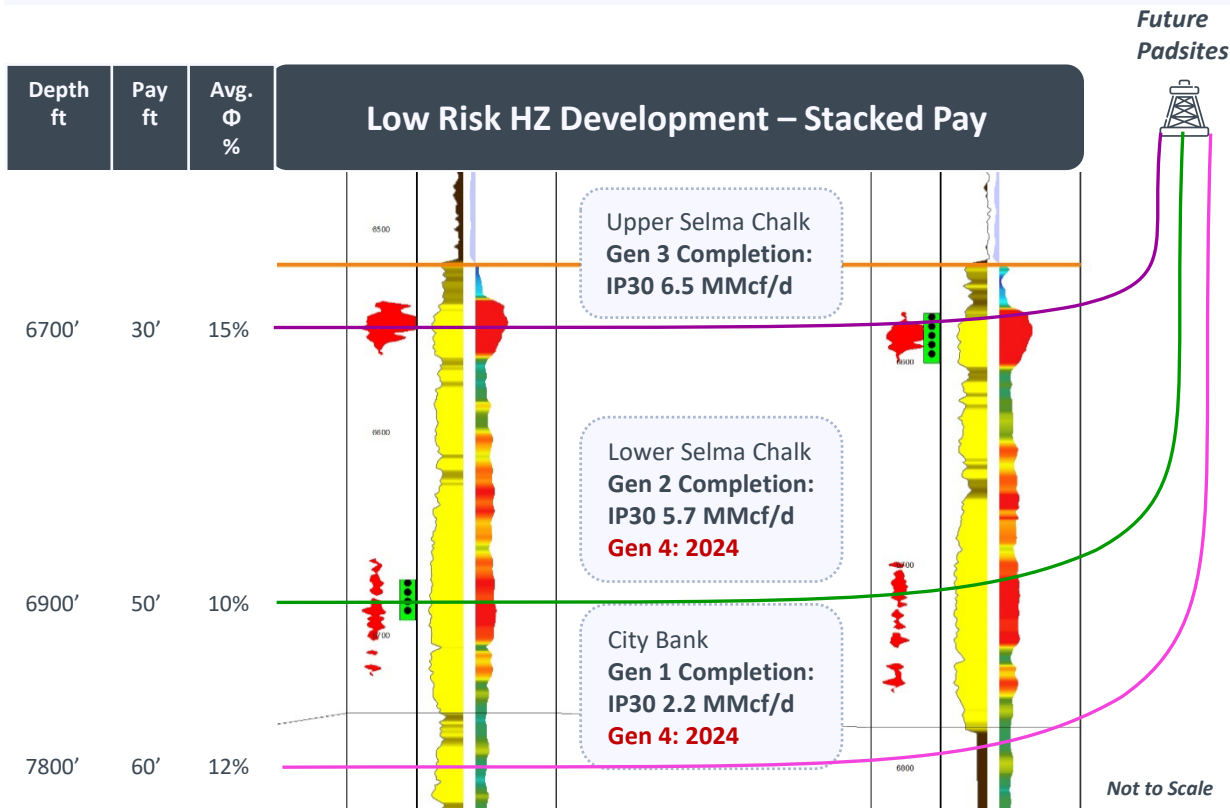
Avg. lateral length of the three DUCs

Gwinville Horizontal Redevelopment Appraisal Program



Appraisal Program Results

- Successfully drilled 10 horizontal laterals in three separate reservoirs to delineate resource
- Achieved pacesetter wells and associated cost efficiencies with larger program
- Gathered key reservoir, geology and operational data to optimize and improve future results
- Early well results provide proof of significant gas-in-place resource to be exploited



GH 19-3 #2 IP30 of 6.5 MMcf/d successfully proved superior deliverability compared to the Gen 2 type curve

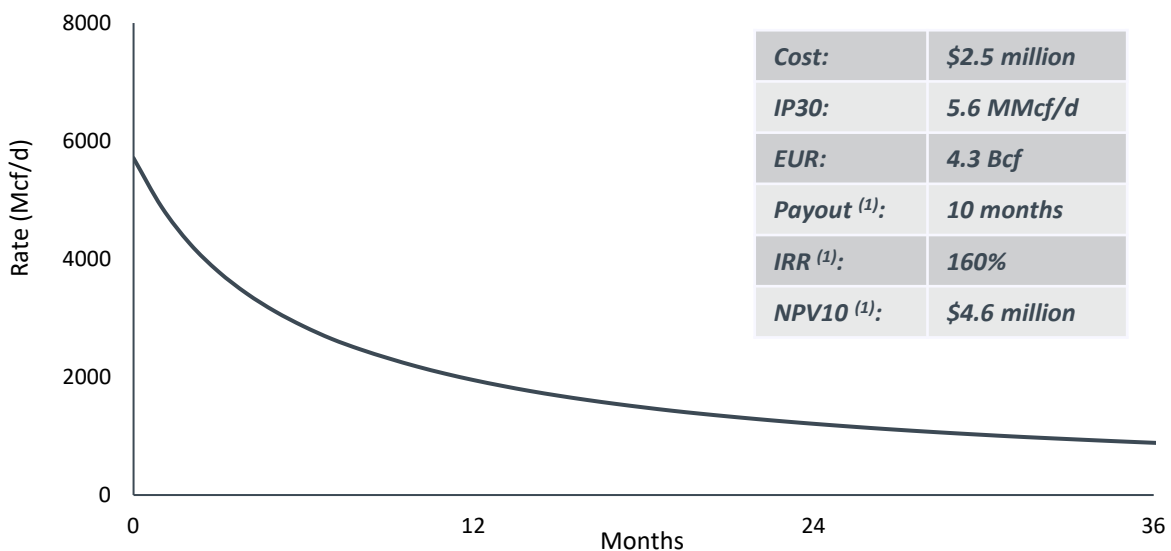
Accelerating the Gwinville Production Ramp Up



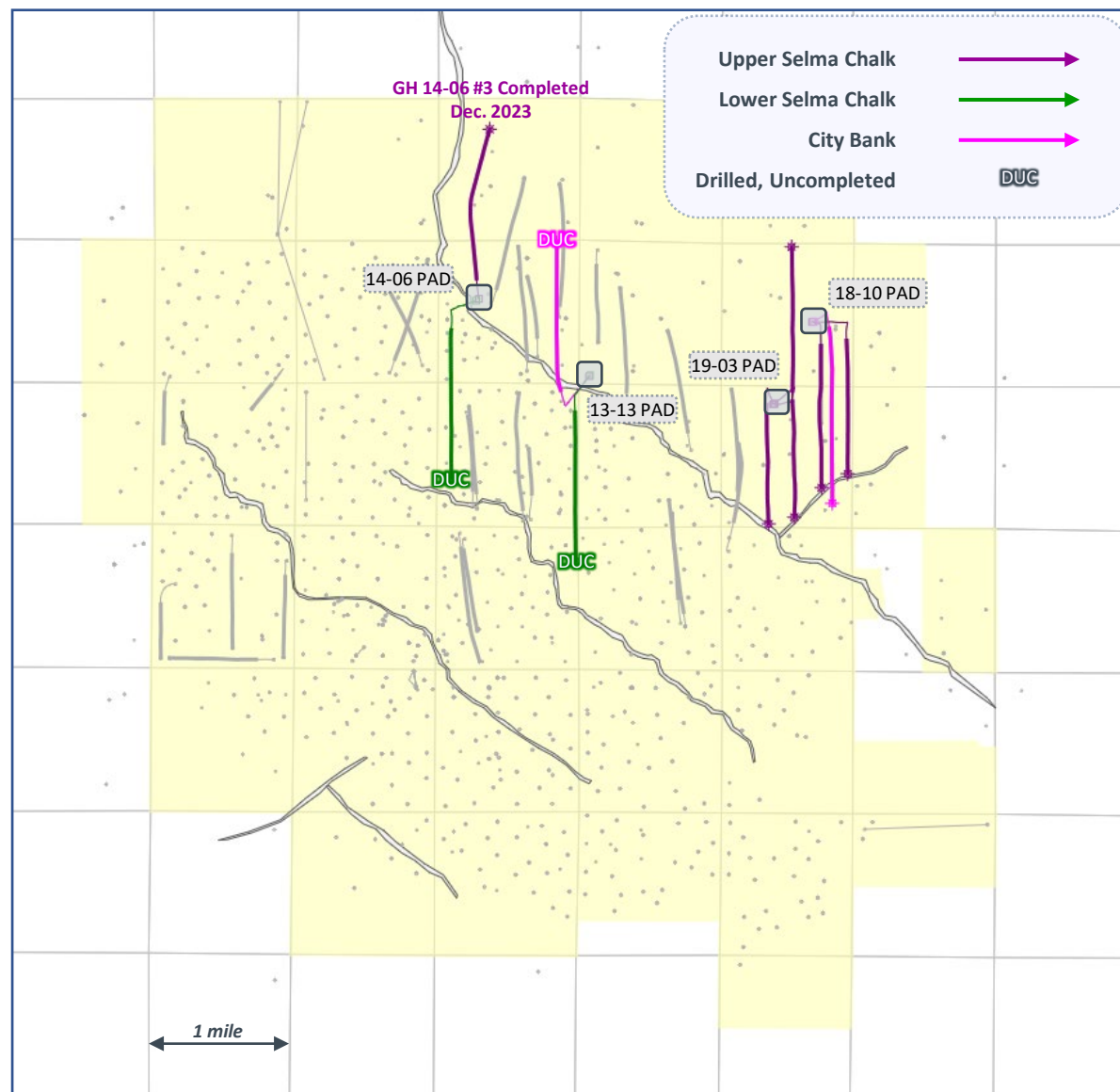
3 Potential High-Rate Wells Ready for Completion

- Wells were left uncompleted in Q1 2023 when natural gas prices dropped below \$3 / MMBtu
- Successful drilling execution with the 3 DUCs averaging 5,400' in length with c. 95% of the laterals in the high-grade porosity
- Completion costs estimated to be \$2.5 million per well; **20-25% lower than Q1 2023**

Type Curve Expectations:



1) Using flat pricing of \$3.50 / MMBtu, \$80 / bbl WTI

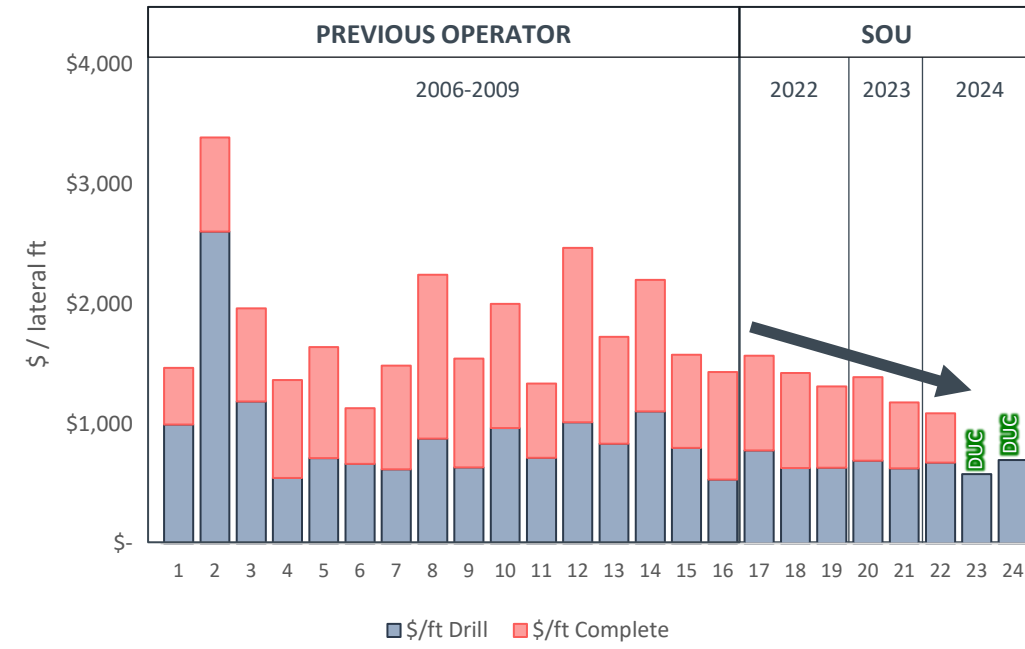
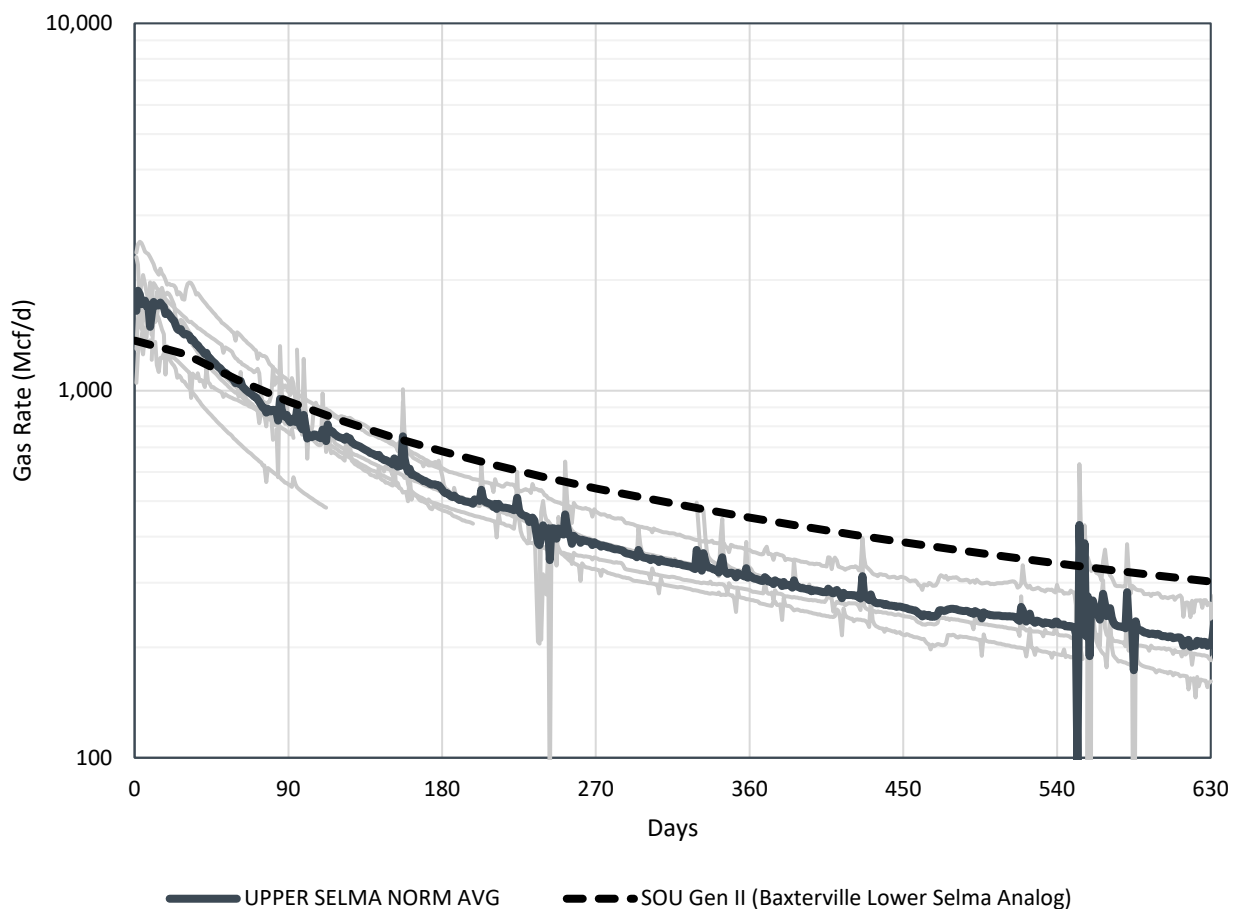


Upper Selma Chalk Well Results to Date



14-06 #3 Declining as Expected – Similar EUR as 19-03 #2 Well at a ~ 50% Completion Cost Savings

Gas Rate Per 1000' "Effective" Length



Completions costs were reduced on the GH 14-06 #3 completion through:

- Strategic placement of frac stages; Reducing screen out events
- Optimizing frac design to increase frac complexity and maximize reservoir contact
- Reduction in frac intensity (spacing) to limit inter-stage communication

1) Previous operator D&C costs have been normalized to account for inflation

Opportunity Rich Consolidation Fairway



Strategic Advantage

- Self-generated opportunities utilizing proprietary database
- Digital workflow has proven management successful in previous companies
- Significant amount of work completed in advance on multiple assets in a specific geological fairway
- More than 160 asset evaluations completed in the opportunity rich fairway
- Technical ranking then overlaid with corporate drivers for final assessment

Asset Acquisition Criteria

- Current commodity pricing environment conducive to a significant consolidation in the area – focused on accretive per share growth
- Operated, high WI assets with control of infrastructure – asset optimization
- Low decline, low risk assets, with a stable production base
- Quality under-developed conventional & quasi-conventional assets containing a significant inventory of drilling locations
- Pipeline of organic growth opportunities when long term strip pricing rises

Consolidation & Development Focus Area





Why Invest in Southern Energy?



Experience

- Highly experienced management team with proven track record
- Extensive operations experience in southeastern U.S. core area
- Management and Board have significant personal investment



Financial Support and Balance Sheet Strength

- Strong institutional investor support (> 60% ownership)
- Cash flow resilient in low price environment
- Low decline base assets have best-in-class cash margins



Premium Commodity Pricing

- Access to the best commodity pricing in North America
- Exposure to operational U.S. Gulf Coast LNG
- Unique amongst Canadian and U.K. listed energy companies



Accretive Acquisition Strategy

- Complementary, accretive acquisitions at attractive metrics
- Target low decline, under-developed assets with scale
- Allows continued growth during periods of weaker commodity prices



Significant Organic Growth Platform

- Organic growth from low-risk, multi-zone, drilling at Gwinville
- Williamsburg Cotton Valley prospect next to start development
- Held by production lands offer oil and gas drilling optionality

TEAM HAS **10 YEARS OPERATING HISTORY** IN THE U.S. GULF COAST AREA

SOUTHERN IS **6% INSIDER OWNED** (NON-DILUTIVE BASIS)

TSXV's **TOP PERFORMING ENERGY STOCK IN 2022**

HIGH LIQUIDITY WITH **\$120 MM** TRADED IN 2022

SOUTHERN RECEIVING A **PREMIUM TO HENRY HUB GAS PRICING**
U.S. LNG EXPORTS SERVING **INCREASING GLOBAL DEMAND FOR GAS**

BUY LOW, DRILL HIGH GROWTH STRATEGY
PROPRIETARY DATABASE WITH **> 160 ASSETS EVALUATED**

3 HIGH IMPACT DUC WELLS TO BE COMPLETED IN NEAR TERM
HORIZONTAL DRILLING INVENTORY OF **100+ HZ LOCATIONS** AT GWINVILLE



Appendix

Mississippi Oil & Gas History – Home of Core Assets



Mississippi Oil & Gas Highlights

> 2.0

Billion bbl cumulative oil

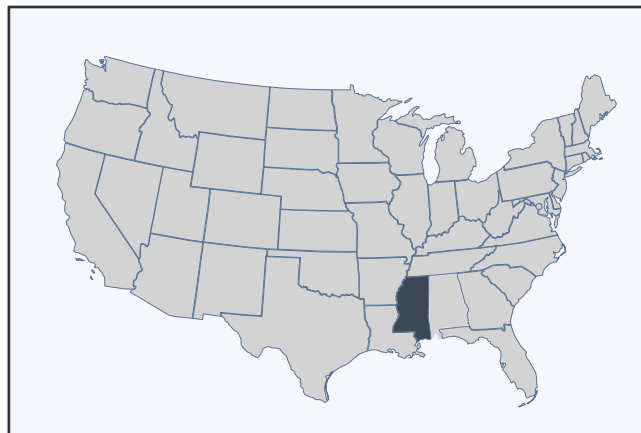
> 10

Tcf cumulative gas

> 34,000

Wells drilled to date

- Significant hydrocarbon recovery – Superior production on a per well basis than Texas or Louisiana
- First commercial oil well at Tinsley Field in 1939



Intense exploration activity from the world's super majors in the 1930-60's

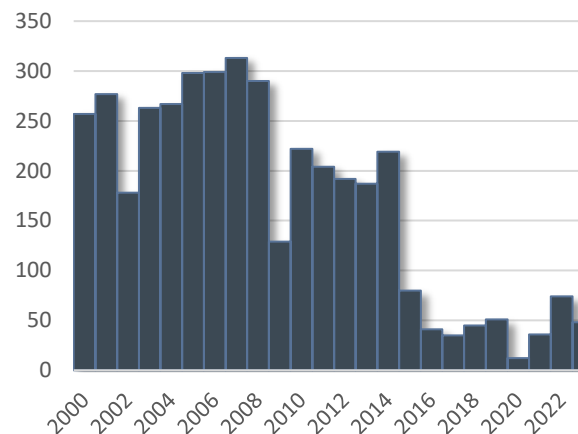
- Salt domes could be found using gravity and magnetic data
- Modern seismic hadn't been invented yet
- Humble Oil was very active in the Gulf and would become the largest domestic producer from 1940's into the 60's before becoming Exxon
- Gulf Oil moved east into the Gulf States after discovering Spindle Top in Texas

Lack of recent activity in the area has resulted in a development opportunity

- Without a commercial shale play the larger companies, and their technical expertise, have not returned until recently with the early appraisal of the Tuscaloosa Marine Shale (TMS)
- Southern brings a modern, data-driven analytical approach to optimization and development in these areas that has been absent for a long time
- Competitive advantage when looking at consolidation strategy in the right geological trends



MS - Wells Drilled by Year



Woodruff #1 discovery well 1939;
Tinsley Field CTD 250 MMbbl

All data sourced from IHS Energy

Southern Energy Asset Base in Mississippi



> 38,000 Acres

> 98% held by production (HBP)

~ 2,850 boe/d

Current Production ⁽¹⁾

\$119.3 MM

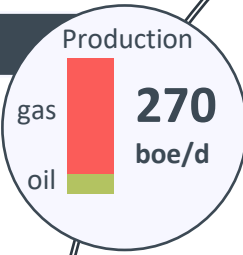
2P PV10 ⁽²⁾

< \$7.00/boe

All-In Lifting/Processing Cost

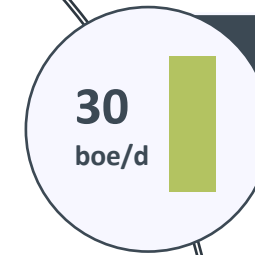
Mechanicsburg

- Liquids rich; > 25 bbl/MMcf oil & NGL
- Field covered by 53 mi² 3D seismic
- Large gas resource; OGIP > 200 Bcf
- **6 PUD infill Cotton Valley locations**



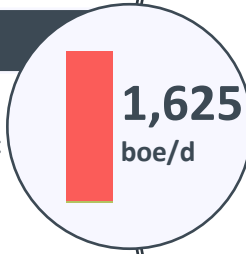
Magee

- Field production > 10 MMbbl
- High quality oil - 40° API
- Vertical Hosston / Cotton Valley locations



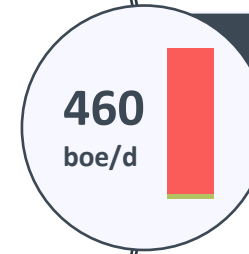
Gwinville

- Multi-zone development upside
- Field covered by 48 mi² 3D seismic
- **Infill horizontal Selma Chalk locations; OGIP > 1 Tcf**
- **Significant proven City Bank horizontal drilling upside**



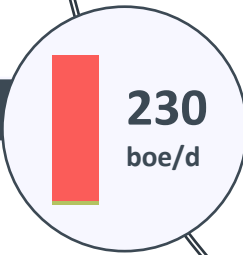
Mount Olive

- High deliverability gas wells
- Infill Eutaw drilling opportunities



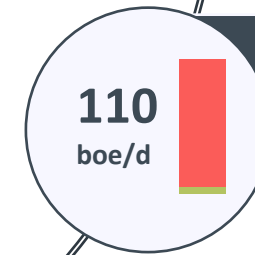
Greens Creek

- Infill Hosston drilling opportunities
- Cotton Valley potential



Williamsburg

- Infill Hosston/Sligo drilling locations
- Recent large oil discoveries on trend
- **Significant proven Cotton Valley development drilling upside**



Southern Field Office
 Field Location

Base decline ~ 12% ⁽³⁾
All core lands are Held By Production

1) Working interest production capacity estimate at April 1, 2024; Approximately 96% gas

2) Company Gross Reserves, based on a report by Netherland, Sewell and Associates, Inc., estimated at 12/31/23 using average CDN engineering consultants 1/1/24 price forecast

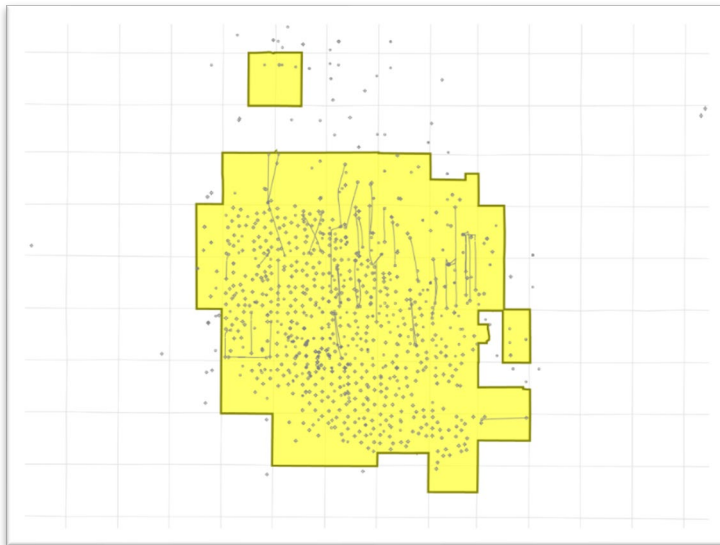
3) Excluding the 2022/2023 Gwinville horizontal wells

Gwinville – Large Scale Natural Gas Redevelopment



Significant Underdeveloped Gas Resource

- **1+ Tcf OGIP in Selma Chalk**, current recovery ~ 15%
- Multi-zone production of 1.5 Tcf, 12 MMbbl, historical decline < 10%, with additional upside potential
- At least 2 stacked horizons to be accessed with horizontal drilling and modern completion designs, following on the early success of previous operator
- Significant potential below the Tuscaloosa from zones which have produced more than 750 Bcf and 80 MMbbl from immediately offsetting fields
- **Owned and operated infrastructure** with expandable capacity



*Data from IHS and MSOGB
 *MSOGB data used for pre-1976 production that is not reported or allocated in IHS

Multi Tcf Gas in Place

Large Location Inventory

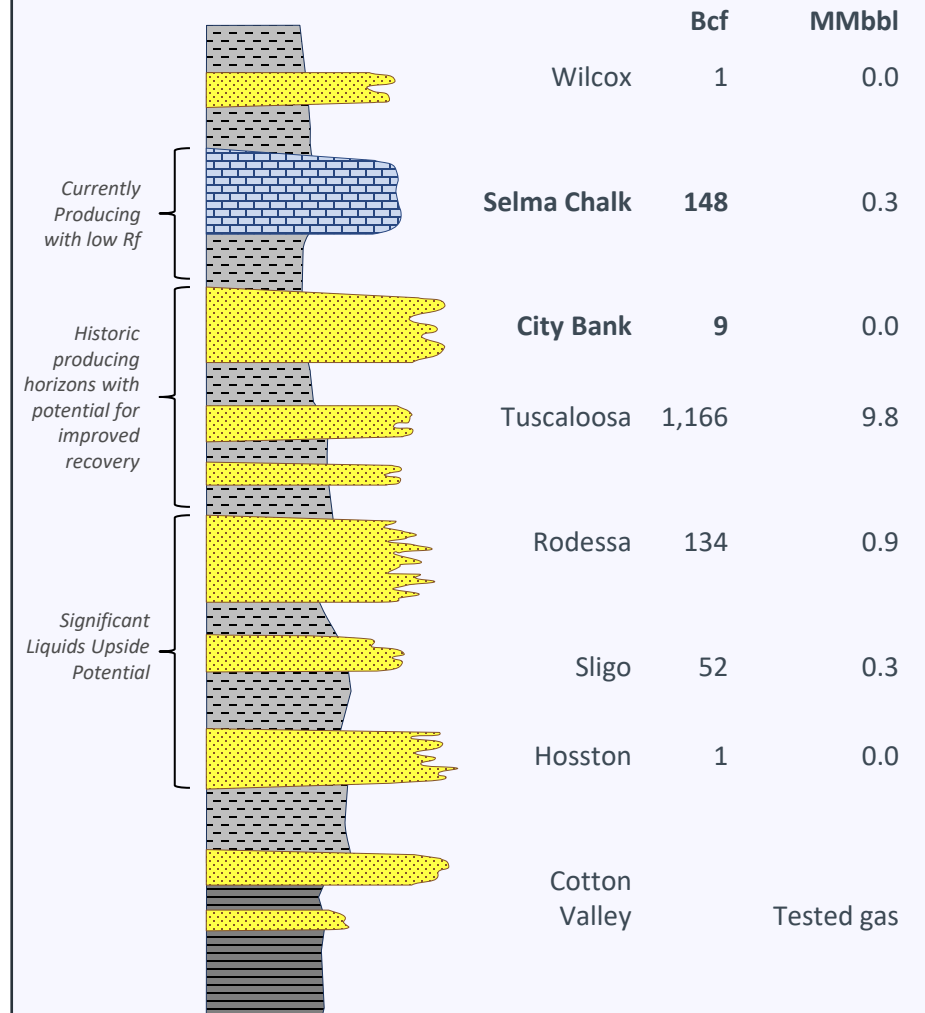
Multi-Zone HZ Potential



Low Risk Redevelopment

- Field is covered by proprietary 3D seismic
- Delineated from vintage vertical wells
- EOG and Penn Virginia drilled 24 Gen-1 HZ's between 2005 – 2010 which targeted the Upper Selma, Lower Selma and the City Bank across the entire field
- Southern has drilled 10 Gen-2+ wells in three separate benches to evaluate the field for full-scale redevelopment

Gwinville Field – Jefferson Davis County, MS



Leadership Team



Experienced and successful management team with a history of creating shareholder value together

Strong technical expertise combined with a modern approach to data and workflow creates proven early mover advantage



Ian Atkinson
President & CEO

Mr. Atkinson has been the founder of several private and public oil and gas companies, with over 30 years of technical, executive and board of director experience. Mr. Atkinson was a founder, President and CEO of Gulf Pine Energy Partners LP ("Gulf Pine") since 2014 (which was acquired by Southern in December 2018). Prior thereto, Mr. Atkinson was a founder and Senior Executive Officer of Athabasca Oil Corporation ("Athabasca").

Holds a Master of Science in Engineering Degree and an Institute of Corporate Directors (ICD.D) designation.



Calvin Yau
Chief Financial Officer

Mr. Yau began his career at Grant Thornton LLP and has over 22 years of financial and management experience in the oil and gas industry. Mr. Yau was a co-founder, VP Finance and CFO of Gulf Pine. Mr. Yau has served as a Financial Controller for a number of public companies since 2007, including Bronco Energy Ltd., Waldron Energy Corporation and Molopo Energy Limited.

Holds a Bachelor of Commerce Degree in Accounting and a CA designation.



Gary McMurren
Chief Operating Officer

Mr. McMurren has over 24 years of engineering, operational and management experience in the oil and gas industry and was a co-founder and VP Engineering of Gulf Pine. Mr. McMurren was formerly the Director of Light Oil at Athabasca. Prior thereto, he has held senior engineering positions at Galleon Energy Inc., ARC Resources Ltd., and Talisman Energy Inc.

Holds a Bachelor of Science in Chemical Engineering Degree and a Professional Engineer designation.



Erin Buschert
VP Land

Ms. Buschert has over 24 years of land, legal, negotiating and management experience in the oil and gas industry. Ms. Buschert was a co-founder and VP Land of Gulf Pine. Prior thereto, she was the Manager, Land – East at Crescent Point Energy where she helped complete over 45 acquisitions in three years totalling over CAD\$1.4 Bn. Ms. Buschert previously held senior land positions at TriStar Oil & Gas Ltd., ARC Resources Ltd., and Talisman Energy Inc.

Holds a Bachelor of Science Degree in Anthropology and has been a member of CAPL since 2003.



Jim McFadyen
VP Operations

Mr. McFadyen has over 27 years of operational, drilling and completions, and management experience in the oil and gas industry and was a co-founder and VP Operations of Gulf Pine. Mr. McFadyen was formerly the Operations Manager at Athabasca, with direct oversight of more than 50 dedicated field staff. Prior thereto, he has held senior operational positions at Fairborne Energy Ltd., Galleon Energy Inc., and Renaissance Energy Ltd.

Holds a Diploma in Mechanical Engineering Technology.



Jeff Forrester
VP Engineering

Mr. Forrester has over 16 years of engineering, operations and management experience in the oil and gas industry. He was the engineering manager at Gulf Pine and previously held both engineering and operations roles at Athabasca and ARC Resources Ltd.

Holds a Bachelor of Science in Chemical Engineering Degree with a minor in Petroleum Engineering and a Professional Engineer designation.



Ryan Read
VP Finance

Mr. Read has over 18 years of financial, operational and management experience in the oil and gas industry. Mr. Read was the Controller of Gulf Pine. Prior thereto, he was the Assistant Controller at Long Run Exploration Ltd. and has worked both financial and operational accounting roles at Galleon Energy Inc. and Devon Canada.

Holds a Bachelor of Commerce Degree in Finance and Risk Management, a Chartered Financial Analysis Designation, and is a member of the Chartered Professional Accountants of Alberta.



Experienced and talented leadership to guide the Execution of Southern Energy's Business Plan

Board of Directors

Ian Atkinson, P. Eng., ICD.D

Former founder and EVP of Athabasca Oil
Former VP Engineering of Morpheus
Previous technical positions at Renaissance Energy and Talisman Energy
Master of Science Degree in Engineering

Bruce Beynon, P. Geol. (Chairman)

Vice President, Light Oil at Athabasca Oil
Former EVP, Exploration and Corporate Development of Baytex Energy
Former President of Raging River Exploration
Previous Executive positions at Compass Petroleum, Peloton Exploration, Espoir Exploration, and Keywest Energy
Master of Science Degree in Geology

R. Steven Smith, CA, CPA

Former Director and Chief Financial Officer of Broadview Energy Inc.
Director of Karve Energy, Journey Energy, and Jasper Brewing
Former CFO and Portfolio Manager with Norrep Capital Management
Previous positions at Canadian Pioneer, Poco Petroleum, and Renaissance Energy
Business Degree in Accounting, Bachelor of Arts Degree in English

Tamara MacDonald, ICD.D

Former SVP Corporate and Business Development of Crescent Point Energy
Director of Equinor Canada, Rubellite Energy, and Spartan Delta
Previous positions at NCE Petrofund, Merit Energy, Tarragon Oil & Gas and Northstar Energy
Bachelor of Commerce Degree, with Petroleum Land Management Major

C. Neil Smith, P.Eng., MBA, ICD.D

Former Chief Operating Officer of Crescent Point Energy
Previous positions with PrimeWest Energy, Coles Gilbert & Associates, Amoco Canada Petroleum and Dome Petroleum Company
Bachelor of Applied Science – Geologic Engineering Degree
Master of Business Administration Degree with Finance Major

Joe Nally

Former Founder, Executive Director and Head of Natural Resources at Cenkos Securities PLC in London
Former Partner, Director and Founder of Institutional Corporate Finance Department at Williams de Broe
Graduate from the London School of Economics

Sony Gill

Corporate Secretary, Stikeman Elliott

Modern Energy Company - Environment, Social & Governance



Southern's near term mission is to support the U.S. transition to cleaner sources of electricity generation by delivering low cost, conventional natural gas

Central Mississippi Operations Team



Core Values at Southern – Not Buzz Words



Environment

- Actively engaged with Mississippi state regulators to help design best practices and policies for air emissions and freshwater usage
- **Meet or exceed recent EPA Standards to reduce gas emissions**
- Maintain a thorough asset integrity program designed to mitigate risk of environmental damage



Safety

- Strong corporate safety culture with highly experienced and trained field personnel
- **No lost time incidents for employees since Management began operations in the southeastern U.S. in 2013**



Social

- Southern supports employees who are active in their communities in the form of time or financial resources and encourages ongoing community involvement
- **Gender diversity with 45% of head office staff female**



Governance

- Southern maintains clear controls and oversight with a diverse and independent board that is well aligned with shareholders
- All Board Committees and Chairs are independent
- Regular engagement with shareholders, employees and stakeholders



Southern Energy is preparing our Corporate Sustainability Plan, incorporating the United Nations Sustainable Development Goals that we will focus our efforts towards

Disclaimers



General

The information contained in this presentation (the "Presentation") has been provided solely for informational purposes and does not purport to be comprehensive or contain all the information that may be required by recipients to evaluate Southern Energy Corp. ("Southern" or the "Company"). This Presentation and the information contained in it has not been independently verified and no reliance should be placed on it or the opinions contained within it. In furnishing this Presentation, the Company reserves the right to amend or replace this Presentation at any time and undertakes no obligation to provide the recipient with access to any additional information. The Company may, but shall not be obliged to, update or correct the information set forth in this Presentation or to provide, update or correct any additional information.

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Nothing contained in this Presentation shall form the basis of any contract or commitment whatsoever. No representation or warranty, expressed or implied, is given by or on behalf of the Company, Strand Hanson Limited ("Strand Hanson"), Stifel Nicolaus Europe Limited ("Stifel"), Tennyson Securities ("Tennyson") and Camarco or any of their respective members, directors, officers, employees or affiliates or any other person as to the fairness, accuracy or completeness of the contents of this Presentation or for any other statement made or purported to be made by any of them, or on behalf of them, in connection with the Company. Nothing in this Presentation shall be relied upon as a promise or representation in this respect, whether as to the past or the future. There is no obligation on any person to update this Presentation. To the extent permitted by law, no liability whatsoever is accepted by the Company, Strand Hanson, Stifel, Tennyson and Camarco or any of their respective members, directors, officers, employees or affiliates or any other person for any loss howsoever arising, directly or indirectly, from any use of this Presentation or such information or opinions contained herein or otherwise arising in connection herewith. For more information on Strand Hanson, Stifel, Tennyson and Camarco, see "Advisors", below.

This Presentation has not been approved for the purposes of section 21 of the Financial Services and Markets Act 2000 ("FSMA"). Reliance on this Presentation for the purpose of engaging in any investment activity may expose an individual to a significant risk of losing all of the property or other assets invested. Any person who is in any doubt about the subject matter to which this Presentation relates should consult a person duly authorized for the purposes of FSMA who specializes in the acquisition of shares and other securities. Recipients of this Presentation outside the United Kingdom should inform themselves about and observe any applicable legal restrictions in their jurisdiction which may be relevant to the distribution, possession or use of this Presentation and recognize that the Company does not accept any responsibility for contravention of any legal restrictions in such jurisdiction. The Company's securities have not been registered under the United States Securities Act of 1993, as amended, nor under the applicable securities laws of any state of the United States, nor have they been approved or disapproved by the US Securities and Exchange Commission, any state securities commission or any other regulatory authority in the United States. The Company's securities have not been and will not be registered under the applicable securities laws of Australia, New Zealand, the Republic of South Africa or Japan.

Forward-Looking Statements

Certain information contained herein constitutes "forward-looking statements," which can be identified by the use of terms such as "forecast", "may", "will", "likely", "should", "expect", "anticipate", "project", "estimate", "intend", "continue", "target", "plan", "potential", "model", "positioned for", "becoming", or "believe" (or the negatives thereof) or other variations thereon or comparable terminology. Forward-looking information in this Presentation may include, but is not limited to, statements about: the Company's business strategy, plan, including growth strategy, objectives, strengths and focus; the Company's price-dependent growth and acquisition and consolidation strategies, including targets, metrics, planned investments, and allocation of funds; the Company's intention to operate in an environmentally-responsible manner; ESG initiatives; future workovers and recompletions, including anticipated effects on corporate decline rates; anticipated abandonment and reclamation obligations; management's expectations regarding growth within the oil and natural gas sector, including with respect to natural gas pricing; cost-cutting measures and the results thereof; the Company's ability to deliver equity appreciation, a return of capital to investors, projected per-share accretive growth, the sustainability of any such appreciation or return, as well as the risks associated with investments, expectations, predictions, estimates, outlooks, models, and forecasts regarding performance characteristics of the Company's oil and natural gas properties; oil and natural gas production levels, including the objective of achieving production of 25,000 boe/d; capital expenditure programs and estimated costs; the quantity of oil and natural gas proved and probable reserves; market prices and operating costs; supply and demand for oil and natural gas; the Company's ability to raise capital and continually add to reserves/assets (including through acquisitions, exploration, and development of new and undeveloped sites); the Company's ability to achieve drilling success consistent with expectations; royalty rates; operating costs, including the Company's anticipated reduced operating costs following the Gwinville multi-well development program; operating returns; general/administrative costs; costs of services; expected uses of Company and credit facility funds; treatment under regulatory and royalty regimes; treatment under applicable tax regimes; organic growth in the oil and natural gas market; commodity pricing (including premium commodity pricing in the North American market); the market for clean gas-fired power generation; completion of up to 3 of the Company's DUCs, including timing, costs and benefits thereof; the Company's cashflow and hedging positions; the availability, and execution of, future service contracts; the ability to transport products to appropriate markets; the Company's ability to successfully implement new technologies, systems, developments, including enhanced seismic and directional technology, and methods in carrying out activities in the future, and obtain expected advantage and efficiencies from such advancements (including but not limited to the implementation of rotary steerable (RSS) directional drilling); and public and political perceptions towards fossil fuels. Statements relating to "reserves" and "recovery" are also deemed to be forward-looking statements, as they involve the implied assessment, based on certain estimates and assumptions, that the reserves described exist in the quantities predicted or estimated and that the reserves can be profitably produced in the future. Readers are cautioned not to place undue reliance on this forward-looking information, which is given as of the date hereof, and to not use such forward-looking information for anything other than its intended purpose. Southern undertakes no obligation to update publicly or revise any forward-looking information, whether as a result of new information, future events or otherwise, except as required by law.

Forward-looking information is based on a number of factors and assumptions which have been used to develop such information, but which may prove to be incorrect. In addition to other factors and assumptions which may be identified in this Presentation, assumptions have been made regarding, and may be implicit in, among other things: the business plan of Southern; the timing of and success of future drilling, development and completion activities; the geological characteristics of Southern's properties; the price of oil and natural gas; price volatility; price differentials and the actual prices received for products; the impacts of increasing competition; royalty regimes and exchange rates; economic inflation; strip prices; growth in the oil and natural gas market; the performance of existing wells; the performance of new wells; the impacts of new technologies and developments on the Company's operations; the availability and performance of facilities and transportation networks; the geological characteristics of the Company's properties and potential future properties; prevailing weather conditions and access to drilling locations; the application of regulatory and licensing requirements on the Company's operations; the availability of capital, labour and services; the ability to market the Company's products successfully; and, that costs related to exploration, drilling, seismic, and the development of oil and natural gas properties will remain consistent with historical experiences. Readers are cautioned that the foregoing list is not exhaustive of all factors and assumptions which have been used. Although Southern believes that the expectations and assumptions on which the forward-looking statements are based are reasonable, undue reliance should not be placed on the forward-looking statements because Southern can give no assurance that they will prove to be correct.

Due to various risks and uncertainties, actual events or results or actual performance of the Company may differ materially from those reflected or contemplated in such forward-looking statements. As a result, any potential investor should not rely on such forward-looking statements in making their investment decisions. No representation or warranty is made as to the achievement or reasonableness of, and no reliance should be placed on, such forward-looking statements. Risk factors that may materially impact the Company's results include, but are not limited to: the ability of management to execute its business and strategic plans; risks and liabilities inherent in oil and natural gas industry (including environmental regulations); fluctuations in foreign exchange and interest rates; changes to supply and demand for oil and natural gas; volatility in the market prices for oil and natural gas; unanticipated changes in applicable regulatory or royalty regimes; increased operating and capital costs and expenses due to inflationary pressures; uncertainties associated with estimating oil and natural gas reserves and production; geological, technical, drilling and processing problems; incorrect assessments of the value of acquisitions; unanticipated results of exploration and development drilling and related activities; hazards such as fire, explosion, blowouts, cratering, and spills; competition for skilled labour, capital, acquisitions of reserves, and undeveloped lands; unpredictable weather conditions; the impact of general economic and political conditions including the Russia-Ukraine war and the Israel-Hamas conflict; insufficient storage or transportation capacity; the effects of pandemics and other public health events; the availability of future financings and divestitures; expectations regarding future production levels; public and political sentiment towards the use of fossil fuels; failure to obtain industry partner and other third party consents/approvals; and the ability to obtain required approvals and licenses from regulatory authorities. Please refer to Southern's most recent Annual Information Form ("AIF"), Management Discussion and Analysis ("MD&A"), and other continuous disclosure documents for additional risk factors relating to Southern, which can be accessed either on Southern's website at www.southernenergycorp.com or under the Company's SEDAR+ profile on www.sedarplus.ca.

All figures in USD unless otherwise specified

Disclaimers



FOFI

This Presentation contains future-oriented financial information and financial outlook information (collectively, "FOFI") about Southern's prospective results of operations, production, investor yields, working capital, capital expenditures, share price, investment yield, debt, NPV10, IRR, target production of > 25,000 boe/d, return of capital, operating costs, cost reductions, cash flow and expectations regarding continued significant and predictable reserves growth, natural gas pricing and other forecasted prices. FOFI contained in this Presentation was approved by management of the date of this Presentation and was provided for the purpose of providing further information about Southern's anticipated future business operations. Southern and its management believe that FOFI has been prepared on a reasonable basis, reflecting management's best estimates and judgments, and represent, to the best of management's knowledge and opinion, the Company's expected course of action. However, because this information is highly subjective, it should not be relied on as necessarily indicative of future results. Southern disclaims any intention or obligation to update or revise any FOFI contained in this Presentation, whether as a result of new information, future events or otherwise, unless required pursuant to applicable law. Readers are cautioned that the FOFI contained in this Presentation should not be used for purposes other than for which it is disclosed herein.

Oil and Gas Advisories

Throughout this presentation, "crude oil" or "oil" refers to light and medium crude oil product types as defined by National Instrument 51-101 – Standards of Disclosure for Oil and Gas Activities ("NI 51-101"). References to "Natural Gas Liquids" ("NGLs") throughout this Presentation comprise pentane, butane, propane, and ethane, being all NGLs as defined by NI 51-101. References to "natural gas" throughout this press release refers to conventional natural gas as defined by NI 51-101. This Presentation also contains metrics commonly used in the oil and natural gas industry which have been prepared by management, such as reserves life index ("RLI"). RLI does not have a standardized meaning and the Company's calculation of such metric may not be comparable to the calculation method used or presented by other companies for the same or similar metrics, and therefore should not be used to make such comparisons. Management uses these oil and gas metrics for its own performance measurements and to provide shareholders with metrics to compare the Company's operations over time. Readers are cautioned that the information provided by these metrics, or that can be derived from the metrics presented in this Presentation, should not be relied upon for investment or other purposes. "Reserve life index" is calculated as total company interest reserves divided by expected annual PDP production, for the year indicated.

BOE Disclosure

The term Barrels of Oil Equivalent ("BOE") may be misleading, particularly if used in isolation. A BOE conversion ratio of six thousand cubic feet per barrel (6 Mcf/bbl) of natural gas to barrels of oil equivalence is based on an energy equivalency conversion method primarily applicable at the burner tip and does not represent a value equivalency at the wellhead.

Type Curves

Type curve disclosure presented herein represents estimates of the production decline and ultimate volumes expected to be recovered from wells over the life of the well. The reservoir engineering and statistical analysis methods utilized are broad and can include various methods of technical decline analyses, and reservoir simulation all of which are generally prescribed and accepted by the most recent publication of the Canadian Oil and Gas Evaluation Handbook (the "COGEH") and widely accepted reservoir engineering practices. These type curves incorporate the most recent data from actual well results and would only be representative of the specific drilled locations. There is no guarantee that Southern will achieve the estimated or similar results derived therefrom. Individual wells may be higher or lower but over a larger number of wells, management expects the average to come out to the type curve. Over time type curves can and will change based on achieving more production history on older wells or more recent completion information on newer wells.

Information Regarding Disclosure on Reserves and Resources

All reserves information in this Presentation in respect of the Company's assets was derived from the report prepared by Netherland, Sewell & Associates, Inc. ("NSAI") dated February 20, 2024 and effective as of December 31, 2023 (the "NSAI Report") evaluating the crude oil, natural gas and natural gas liquids reserves of Southern and prepared in accordance with NI 51-101 and the COGEH, unless otherwise noted. The NSAI Report was prepared using average forecast pricing of the following four independent external firms: GLJ Ltd, Sproule Associates Limited, McDaniel & Associates Consultants Ltd and Deloitte in accordance with NI 51-101 and the COGEH. The reserves information in this Presentation presents only a portion of the disclosure required under NI 51-101. Additional reserves information is available on either on Southern's website at www.southernenergycorp.com or under the Company's SEDAR+ profile on www.sedarplus.ca. The Company's AIF for the year ended December 31, 2023 filed in April 2024 includes further disclosure of Southern's oil and gas reserves and other oil and gas information in accordance with NI 51-101 and the COGEH (including Forms 51-101F2 and 51-101F3). The Company's April 26, 2024 news release and Form 51-101F1 also provide additional information and are available on the Company's SEDAR+ profile at www.sedarplus.ca. In line with the requirements of the AIM Rules for Companies published by the London Stock Exchange (the "AIM Rules"), including the requirement to have a CPR prepared within six months of any admission document, the CPR is included in the Company's AIF.

All reserve references in this Presentation are "Company Share Reserves." Company Share Reserves are the applicable company's total working interest reserves before the deduction of any royalties and including any royalty interests payable to the Company. It should not be assumed that the present worth of estimated future amounts presented in this Presentation represent the fair market value of the reserves. There is no assurance that the forecast prices and costs assumptions will be attained, and variances could be material. The recovery and reserve estimates of the crude oil, natural gas liquids and natural gas reserves provided herein are estimates only and there is no guarantee that the estimated reserves will be recovered. Actual crude oil, natural gas and natural gas liquids reserves may be greater than or less than the estimates provided herein. All evaluations and summaries of future net revenue are stated prior to the provision for interest, debt service charges or general and administrative expenses and after deduction of royalties, operating costs, estimated well abandonment and reclamation costs and estimate future capital expenditures. The reserves estimates contained in this Presentation are estimates only and there is no guarantee that the estimated reserves or resources will be recovered.

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. Proved developed producing reserves are those reserves that are expected to be recovered from completion intervals open at the time of the estimate. These reserves may be currently producing or, if shut-in, they must have previously been on production, and the date of resumption of production must be known with reasonable certainty. Undeveloped reserves are those reserves expected to be recovered from known accumulations where a significant expenditure (e.g., when compared to the cost of drilling a well) is required to render them capable of production. They must fully meet the requirements of the reserves category (proved, probable, possible) to which they are assigned. Certain terms used in this Presentation but not defined are defined in NI 51-101, CSA Staff Notice 51-324 – *Revised Glossary to NI 51-101, Standards of Disclosure for Oil and Gas Activities* ("CSA Staff Notice 51-324") and/or the COGEH and, unless the context otherwise requires, shall have the same meanings herein as in NI 51-101, CSA Staff Notice 51-324 and the COGEH, as the case may be.

Drilling Locations

This Presentation discloses drilling inventory in two categories: (i) proved locations; (ii) probable locations; and (iii) unbooked locations. Proved locations and probable locations are derived from the NSAI Report and account for drilling locations that have associated proved and/or probable reserves, as applicable. Unbooked locations are internal estimates based on the prospective acreage and an assumption as to the number of wells that can be drilled per section based on industry practice and internal review. Unbooked locations do not have attributed reserves or resources. There is no certainty that the Company will drill all unbooked drilling locations and if drilled there is no certainty that such locations will result in additional oil and gas reserves, resources or production. The drilling locations considered for future development will ultimately depend upon the availability of capital, regulatory approvals, seasonal restrictions, oil and natural gas prices, costs, actual drilling results, additional reservoir information that is obtained and other factors. While certain of the unbooked drilling locations have been de-risked by drilling existing wells in relative close proximity to such unbooked drilling locations, other unbooked drilling locations are farther away from existing wells where management has less information about the characteristics of the reservoir and therefore there is more uncertainty whether wells will be drilled in such locations and if drilled there is more uncertainty that such wells will result in additional oil and gas reserves, resources or production.

Disclaimers



Analogous Information

This Presentation provides certain information relating to properties in close proximity to the Company's properties, which is "Analogous Information" as defined by applicable securities laws. This analogous information is derived from publicly available information sources, which the Company believes are independent in nature. Estimates by engineering and geotechnical practitioners may vary and the differences may be significant. The Company believes that the provision of this analogous information is relevant to its activities and forecasting, given its interest in properties in the area; however, readers are cautioned that there is no certainty that any forecasts provided herein based on analogous information will be accurate.

Specified Financial Measures

In this Presentation, certain key metrics, performance indicators, and industry benchmarks are used to analyze financial and operating performance. These performance indicators and benchmarks are used by Southern as key measures of profitability, and provide investors with information that is commonly used by other oil and gas companies. These terms do not have any standardized meaning prescribed by generally accepted accounting principles ("GAAP") in the United Kingdom or Canada, and therefore, may not be comparable with the calculation of similar measures for other entities. A list of these terms is listed below:

"**Market Capitalization**" is defined as the total number of common shares outstanding multiplied by the price per share at a given point in time.

"**IP30**" is the initial production from a well for the first 720 hours (30 days) based on operating/producing hours.

"**IRR**" is the discount rate required to arrive at an NPV equal to zero. Rates of return set forth in this Presentation are for illustrative purposes. There is no guarantee that such rates of return will be achieved in the future.

"**NPV10**" represents the net present value (net of capex) of net income discounted at 10%, with net income reflecting the indicated oil, liquids and natural gas prices and IP rate, less internal estimates of operating costs and royalties.

"**OGIP**" or "**Original Gas in Place**," is equivalent to Total Petroleum Initially In Place ("TPIIP") for the purposes of this Presentation. TPIIP, as defined in the COGEH, is that quantity of petroleum that is estimated to exist originally in naturally occurring accumulations. 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 (equivalent to "total resources"). 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 OGIP estimates quoted in this Presentation are derived from unaudited Internal Estimates effective December 31, 2023, prepared by a qualified reserves evaluator in accordance with the COGEH. "Internal Estimate" means an estimate that is derived by the Company's internal APEGA certified engineer(s) and prepared in accordance with NI 51-101.

Short Term Results

References in this Presentation to "production test rates," "initial test production rates," "IP30" and other short-term production rates are useful in confirming the presence of hydrocarbons; however such rates are not determinative of the rates at which such wells will commence production and decline thereafter and are not indicative of long term performance or of ultimate recovery. While encouraging, readers are cautioned not to place reliance on such rates in calculating the aggregate production for Southern. A pressure transient analysis or well-test interpretation has not been carried out in respect of all wells. Accordingly, the Company cautions that the test results should be considered to be preliminary.

Advisors

Strand Hanson, which is authorized and regulated by the FCA, is the Company's nominated adviser for the purposes of the AIM Rules and as such, its responsibilities are owed solely to the London Stock Exchange and are not owed to the Company, any Director or any other entity or persons. Strand Hanson will not be responsible to anyone other than the Company for providing the protection afforded to clients of Strand Hanson or for advising any other person in connection with Admission. Any other person attending this Presentation should seek their own independent legal, investment and tax advice as they see fit.

Stifel, Tennyson and Camarco, which are authorized and regulated by the FCA, are each acting exclusively for the Company and no one else in connection with Admission. None of Stifel, Tennyson or Camarco will be responsible to anyone other than the Company for providing the protections afforded to clients of Stifel, Tennyson or Camarco, or advising any other person on the contents of this Presentation or any matter referred to herein. Any other person attending this Presentation should seek their own independent legal, investment and tax advice as they see fit.

Important notice regarding track record and certain financial information

Past performance is not a reliable indicator or guide to future performance. Potential investors should be aware that any investment in the Company is speculative, involves a high degree of risk, and could result in the loss of all or substantially all of their investment.

Third Party Information

Certain information contained in this Presentation has been obtained from published and non-published sources prepared by other parties, which in certain cases have not been updated through the date hereof. While such information is believed to be reliable for the purpose used in this Presentation, none of the Company, Strand Hanson, Stifel, Tennyson or Camarco assumes any responsibility for the accuracy or completeness of such information and such information has not been independently verified by the Company, Strand Hanson, Stifel, Tennyson or Camarco. Except where otherwise indicated herein, the information provided in this Presentation is based on matters as they exist as of the date of preparation and not as of any future date, and will not be updated or otherwise revised to reflect information that subsequently becomes available, or circumstances existing or changes occurring after the date hereof.

U.S. Disclaimer

This Presentation is not an offer of the securities for sale in the United States. The securities have not been registered under the U.S. Securities Act of 1933, as amended, and may not be offered or sold in the United States absent registration or an exemption from registration. This Presentation shall not constitute an offer to sell or the solicitation of an offer to buy nor shall there be any sale of the securities in any state in which such offer, solicitation or sale would be unlawful.

Abbreviations

1P	proved reserves	DUCs	drilled and uncompleted wells	mi ²	square miles	NPV	net present value
2P	proved plus probable reserves	ESG	Environmental, Social and Governance	Mcf	thousand cubic feet	NPV10	net present value with a discount rate of 10%
API	American Petroleum Institute gravity	EUR	estimated ultimate recovery	Mcfe	thousand cubic feet equivalent	NYMEX	New York Mercantile Exchange
Bbl	barrel	FD	fully diluted	MMbbl	million barrels	OGIP	original gas in place
bbl/d	barrels per day	ft	foot	MMboe	million barrels of oil equivalent per day	OPEX	operational expenditures
Bcf	billion cubic feet of natural gas	HBP	held by production	MMbtu	million British thermal units	PDP	proved developed producing reserves
Bcf/d	billion cubic feet per day of natural gas	HZ	horizontal	MMcf	million cubic feet of natural gas	PUD	proved undeveloped reserve
boe	barrels of oil equivalent	IP30	average hydrocarbon production rate for the first 30 days of a well's life	MMcf/d	million cubic feet per day of natural gas	PV10	present value with a discount rate of 10%
boe/d	barrels of oil equivalent per day	IRR	internal rate of return percentage	NGLs	natural gas liquids	Tcf	trillion cubic feet of natural gas