

Haynesville History and Activity Update



Chief Executive Officer Indigo Natural Resources 4-17-2019

Forward Looking Statements

- Indigo

This presentation includes forward looking statements. Forward looking statements can be identified by the use of forward looking terminology such as the words "expect", "estimate", "project", "forecast", "anticipate", "believes", "should", "could", "intend", "plan", "probability", "risk", "target", "goal", "objective", "may", "will", "endeavor", "outlook", "optimistic", "prospects" or by the use of similar expressions or variations on such expressions, by the discussion of strategy or objectives or by the use of budgets and projections for periods after the date hereof. Forward looking statements are based on current plans, estimates and projections and are subject to inherent risks, uncertainties and other factors which could cause actual results to differ materially from the future results expressed or implied by such forward looking statements. Any forward looking statements made in this presentation speak only as of the date hereof. We do not intend to update or revise these forward looking statements to reflect events or circumstances after the date of this presentation and do not assume any responsibility to do so.

You are cautioned not to place undue reliance on any forward-looking statements. We caution you that these forward-looking statements are subject to all of the risks and uncertainties, most of which are difficult to predict and many of which are beyond our control, incident to the exploration for and development, production, gathering and sale of natural gas and natural gas liquids. These risks include, but are not limited to, commodity price volatility; inflation; lack of availability of drilling and production equipment and services; environmental risks; drilling and other operating risks; regulatory changes; the uncertainty inherent in estimating natural gas reserves and in projecting future rates of production, cash flow and access to capital; the timing of development expenditures. Should one or more of these risks or uncertainties occur, or should underlying assumptions prove incorrect, our actual results and plans could differ materially from those expressed in any forward-looking statements.

This presentation is provided to you on the condition that you agree that you will hold it in strict confidence and not reproduce, disclose, forward or distribute it to any third party in whole or in part without the prior written consent of the Company. By accepting this document, the recipient expressly agrees to maintain the confidentiality of the material and information herein and to use any such material and information in accordance with its compliance policies, contractual obligations and applicable law, including federal and state securities laws.

Certain data and other market information used in this presentation are based on independent industry publications, government publications and other published independent sources. Although we believe these third-party sources are reliable as of their respective dates, we have not independently verified the accuracy or completeness of this information. The industry in which we operate is subject to a high degree of uncertainty and risk due to a variety of factors, which could cause our results to differ materially from those expressed in these third-party publications.

Haynesville Basin Today



Today

- World class resource base attracting public and private operators
- 58 active rigs in the Haynesville⁽¹⁾
- 304 Tcf of Mid-Bossier and Haynesville resource per the United States Geological Survey ("USGS")⁽²⁾
- Stacked pay delivering 2+ BCF/1,000'
- Premium product pricing with proximity to the Gulf Coast and regional demand growth (LNG export, petrochem)

Haynesville, Bossier and Cotton Valley



A Brief Haynesville History: Introduction



Haynesville Basin Gross Gas Production



Discovery: 2008



Initial Testing

- Initial drilling scattered across ETX and NLA
- Testing the viability of the Haynesville
 - Average lateral 3400' with 2 MM lbs. proppant per well
 - No long laterals







Acreage Capture: 2009 - 2012

Rapid Development / Hold Leases

- High gas prices stimulated development
- Over 160 rigs active in the basin and drilled nearly 3000 wells
- Production grew to over 7 BCFD
- Single section development (<5000') with 5 MM lb proppant per well









The Lean Years: 2013 - 2016

Low Gas Prices / Efficient Development

- ◆ Gas prices dropped below \$2.50/MMBTU
- ♦ As few as 12 rigs in the basin
- Operators tested longer laterals and larger stimulations
- Most public companies exit the basin
- Production drops to 4 BCF/day









Reinvention: 2017 - Present

Long Laterals and Big Proppant Volumes

- Widespread adoption of long laterals and significantly larger stimulations (25 MM lb/well)
- "Core" Haynesville has expanded significantly, Bossier horizon economic
- Basin will pass 2012 peak production in 2019 at over 7 BCF/day









Drilling and Completion Evolution



Longer Laterals and Larger Stimulations Have Transformed the Haynesville

Gen 1 4,200' Laterals 700 lb/ft 11 frac stages	2008-2012 EUR: 4 BCF BCF/1,000': 1.0 BCF
Gen 2 4,200' Laterals 1,200 lb/ft 13 frac stages	<u>2008-2014</u> EUR: 6 BCF BCF/1,000': 1.4 BCF
Gen 3 4,500' Laterals 2,700 lb/ft 21 frac stages	<u>2014-2015</u> EUR: 9 BCF BCF/1,000': 2.0 BCF
Gen 4 7,500' Laterals 3,100 lb/ft 36 frac stages	<u>2015-2016</u> EUR: 16 BCF BCF/1,000': 2.1 BCF
<u>Gen 5</u> 7,500' – 10,000' Laterals 3,800 – 5,000 lb/ft 36 - 100 frac stages	2017 forward EUR: 18+ BCF BCF/1,000': 2.4 BCF

Execution



Indigo's gross production growth tells our North Louisiana story



Active & Efficient Drilling Program

Indigo

Grow with the drill bit

- Most active driller in North Louisiana
 - Running 7 rigs and 2 stimulation crews
- Drilled 13 wells with over 8,000' of lateral
 - Average lateral 7,250' in 2018
- Placed 3,275 stages in 2018
 - Utilized 1.3 bln lbs. of proppant in 2018
- Current net production approx. 1.0 Bcfe/d
 - Proved reserves over 4.7 TCFe





600

400

200

2014

2015

2016

2017

Drilling More Total Footage



2018

Building Midstream Infrastructure

22Momentum

Greenfield gathering system provides runway for growth

- Gathering system currently provides lean gas and rich gas services
- ~370 miles of primarily large diameter pipelines
- Multiple centralized amine treating facilities
- System designed to accommodate Indigo's future growth and 3rd party producers







Integrated Business

1/1 Momentum

Indigo and Momentum integrated footprint

·Indigo

- Largest Haynesville operator per PLS
 - 950 net / 1,250 gross MMcfe/d
- Most active driller with 8 rigs running
 435,000 effective net acres
- ♦ 168 employees

22Momentum

- Integrated midstream joint venture
 - Large scale midstream system in service
 - Sand mine online late 2019
 - Fresh and produced water services
- ♦ 80 employees



Gas Marketing : 2008

22 Momentum - Indigo

Haynesville gas initially flowed east and north to access traditional demand centers

- Prior to the Haynesville and US Shale boom natural gas flowed from the Gulf Coast to demand centers in the Northeast, Midwest and Southeast
- Initial Haynesville development required new pipelines to move gas east to Perryville to access existing pipeline infrastructure
- US LNG facilities were import terminals providing supply to offset perceived shortfalls in future US production



US Gas Market Evolution

1/Momentum Indigo

Appalachia production growth displacing traditional Haynesville markets

- Appalachia production growth completely changed the US gas market
 - 1. Saturated the Northeast heating demand market
 - 2. Reversed traditional northto-south pipeline flow
 - 3. New pipelines built to access Midwest and Southeast markets
- Shale Gas development led to reversal of LNG facilities – import-to-export – and new greenfield sites
 - 9.5 Bcfd in-service or under construction today



LNG Market Share

22Momentum - Indigo

Haynesville positioned to access growing LNG demand center on the US Gulf Coast

- LNG demand on the US Gulf Coast to increase 10+ Bcfd by 2030
- Haynesville proximity to the US Gulf Coast provides superior margins relative to competing dry gas basins
- New large diameter pipelines required to connect Haynesville to LNG demand

