

# **Energy Lending Presentation To IPAA Private Capital Conference**



**January 21, 2013** 



#### **Agenda**

- I. Overview of IBERIABANK & IBERIA Capital Partners
- **II.** Reserve Based Lending Overview
- **III.** Borrowing Base Loan Structure
- IV. Reserve Based Loan Documentation
- V. Bank Price Survey
- **VI.** Engineering Evaluation Cases
- VII. Reserve Based Loan Diagrams
- **VIII. Factors Impacting Borrowing Base Loan Amount**



### **About IBERIABANK**

Corporate facts:

Headquarters: Lafayette, LA

Founded: 1887

NASDAQ Traded: IBKC

Total Assets: \$12.5 Billion

Market Cap: \$1.4 Billion

Deposits: \$9.9 Billion

Loans: \$8.2 Billion

Offices: 278\*

(Bank Branches 184)

States: 12

Employees: 2,762

Clients: 192,000

As of 9/30/12 \*Offices as of 10/12/12

	2001 Year-end	9/30/12	CAGR%
Total Assets	\$1.4 billion	\$12.5 billion	+22.40%
Total Loans	\$961 million	\$8.2 billion	+22.12%
Total Deposits	\$1.2 billion	\$9.9 billion	+21.36%
Market Cap	\$162 million	\$1.4 billion	+21.83%

	2001 Year-end	9/30/12
Acquisitions Completed	-	16
Locations	42	278
States Served	1	12
# of Associates	443	2,762

CAGR - Compound Annualized Growth Rate

#### IBERIABANK's Footprint

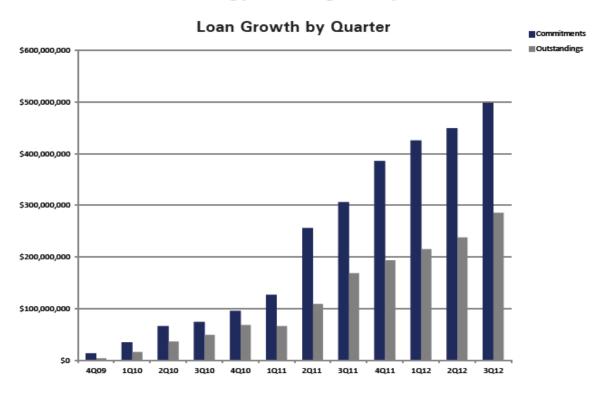




# About IBERIABANK's Energy Team

- Typical loan size is \$5 \$25 million; underwriting commitments up to \$100 million for agented transactions
- Small private independent oil and gas companies who typically operate the majority of their properties and are headquartered within IBERIABANK's footprint.
- Companies that are supported by top energy-focused private equity sponsors and particularly those who have management teams that are open to an IPO as an exit option.
- Participations in syndicated credit facilities for small-cap and mid-cap publicly traded companies, particularly those where IBERIA Capital Partners provides equity research coverage.

#### **Energy Lending Group**





## **About IBERIA Capital Partners**

- IBERIA Capital Partners is an energy-focused capital markets brokerage business providing institutional sales, research, trading, and investment banking services. Our clients are institutional buy-side portfolio managers and energy firms seeking financial advice. IBERIA Capital Partners is regulated by the Financial Industry Regulatory Authority (FINRA), and a member of the Securities Investor Protection Corporation (SIPC).
- Energy sector research is the core of IBERIA Capital Partners business. The research team approaches sector analysis with an eye beyond the prototypical Wall Street reports and recommendations. IBERIA provides research in the Exploration and Production, Oilfield Services, and Coal and Shipping sectors. In formulating investment opinions, the team of analysts and IBERIA will typically utilize the following course of action:
  - Perform independent due diligence on subject companies
  - Interview management teams and, where appropriate, that of other industry participants
  - Construct financial models with forecasts used to derive target valuations
  - Write detailed reports with investment opinions, which are distributed to our institutional client base
- IBERIA Capital Partners' sales and trading professionals have years of experience trading energy equities. Located in the Gulf Coast region, IBERIA Capital Partners is in the middle of one of the most vibrant areas of global energy production.
- IBERIA Capital Partners seasoned investment banking team uses its talents, sound judgment, and industry experience to guide clients through investment banking decisions of any size with a keen insight into the art and science of raising capital.



# IBERIA Capital Partners(Cont.)

#### **Recent IBERIA Capital Partners Investment Banking Transactions:**

























# IBERIA Capital Partners (Cont.)

#### **IBERIA Capital Partners Equity Research Coverage:**

#### Coal & Shipping

Alpha Natural Resources, Inc.

Arch Coal, Inc.

CONSOL Energy Inc.

Cloud Peak Energy Inc.

Diana Shipping Inc.

Frontline Ltd.

James River Coal Company

Kirby Corp.

Knightsbridge Tankers Ltd.

Nordic American Tankers Ltd.

Overseas Shipholding Group, Inc.

Peabody Energy Corp.

Safe Bulkers, Inc.

Teck Resources Ltd.

Tsakos Energy Navigation

Walter Energy, Inc.

#### Exploration & Production

BPZ Resources, Inc.

Cabot Oil & Gas Corp.

Cimarex Energy

Comstock Resources, Inc.

Concho Resources, Inc.

Continental Resources, Inc.

Crimson Exploration, Inc.

EPL Oil & Gas, Inc.

**Energy XXI** 

Gastar Exploration Ltd.

Goodrich Petroleum Corp.

Kodiak Oil & Gas Corp.

Noble Energy, Inc.

Northern Oil & Gas, Inc.

Oasis Petroleum, Inc.

PetroQuest Energy, Inc.

Rosetta Resources, Inc.

SM Energy Company

Stone Energy Corp.

W&T Offshore, Inc.

Whiting Petroleum Corp.

#### Oilfield Services

Basic Energy Services, Inc.

CARBO Ceramics Inc.

Cal Dive International, Inc.

Cameron International Corp.

Diamond Offshore Drilling, Inc.

Ensco plc

FMC Technologies, Inc.

Gulfmark Offshore, Inc.

Helix Energy Solutions Group, Inc.

Hercules Offshore, Inc.

Hornbeck Offshore Services, Inc.

Key Energy Services, Inc.

National Oilwell Varco, Inc.

Noble Corp.

Oceaneering International, Inc.

RPC, Inc.

Rowan Companies, Inc.

Superior Energy Services, Inc.

Tidewater Inc.

Transocean Ltd.

Weatherford International Ltd.



### Reserve - Based Lending Overview

- Reserve based loans are based on lower-risk proved reserves with the majority of the value based on proved developed producing reserves.
- Reserve based loans amount is calculated based on collateral values based on a bank's "price deck" which typically includes a discount to the futures strip.
- Bank engineer will review the company's independent third party reserve report to review
  estimates of operating costs, expected ultimate recovery of reserves, production rates, capital
  expenditures needed to convert reserves into the PDP category and make technical adjustments
  based on their professional judgment.
- Bank engineer will provide engineering runs based on the bank's price deck that conform with the bank's energy lending policy with respect to risking, concentration and reserve splits.
- Energy lending policies require reserve values to be "haircut" for risking (to reflect exploration risk, mechanical/operating risk and timing issues); concentration (to avoid too much value being derived from any single well or field); and reserve splits (to make sure loan value is based primarily on properties with PDP reserves with current production/cash flow with lower limits for higher-risk PDNP/PUD reserves).
- Engineering runs are used to develop financial projections that test for compliance with energy lending policy parameters including base case and sensitivity case advance rates; reserve tail tests (based on economic half-life of the reserves or remaining cash flow after projected loan payout); and annual cash flow coverage tests.
- Cash flow projections must demonstrate the ability to cover projected G&A expenses, scheduled principal and interest payments on other unsecured or subordinated (e.g. 2nd lien) debt, and debt service assuming a full draw of the borrowing base with an adequate reserve tail as cushion.



### **Borrowing Base Loan Structure**

- Risk associated with the volatility in commodity prices/market values for oil & gas collateral is mitigated by the flexibility in a reserve-based loan with borrowing base provisions.
- Semi-annual borrowing base redeterminations with at least one based on an independent third party petroleum engineering consultant; the second one can be an internally-prepared update incorporating changes since the last independent third party report.
- Both Lender and Borrower typically will have one "wildcard" option to call for an interim borrowing base redetermination at their discretion.
- Documentation includes a "built in" remedy to address any borrowing base deficiency (defined as the amount by which loan utilization exceed any reduction in the borrowing base amount); Borrower typically has 30 days to make their first payment (typically 1/3<sup>rd</sup> to 1/6<sup>th</sup> of the deficiency amount) with additional monthly payments over the following two to five months.
- Loans are almost always structured as a revolver or a reducing revolver where commitments reduce by a fixed amount each month to account for depletion.
- Ability to reset the borrowing base (and monthly commitment reduction amount) provides the Lenders the flexibility to continually positively or negatively adjust loan parameters to maintain adequate loan-to-value and cash flow coverage ratios to take into account a borrower's activity (i.e. acquisition, increase/decrease in production, etc.)
- On smaller deals, 100% Lender approval is needed to increase, affirm, or decrease the borrowing base. On larger deals, 100% Lender approval is needed to approve or increase the borrowing base with a lower threshold to affirm or reduce the borrowing base.
- Typically include a liquidity test that requires "Day 1" liquidity at closing to be 10% of the borrowing base amount.



### Reserve - Based Loan Documentation

- Documentation typically includes standard provisions such as financial covenants (leverage/liquidity); restrictions or prohibitions on additional indebtedness and distributions; and a borrowing base deficiency provision.
- The borrowing base deficiency can be cured by the borrower adding additional oil and gas
  properties to the collateral base or the bank can establish monthly commitment reductions to
  reduce debt to a level that will bring the loan back into compliance with energy lending policy or
  covenant compliance.
- Borrowing base credit facilities allow debt levels/amortization to be either increased or decreased to levels that maintain loan-to-value and cash flow coverage ratios that take into consideration changes in cash flow caused by acquisition/divestitures, changes in commodity prices, drilling activity since the last redetermination and production performance that impact decline curves or expected ultimate recoveries of reserves.
- Bank legal counsel will review/evaluate the Borrower's title to its oil & gas properties to make sure it matches the net revenue interest reflected in the one-line engineering report and prepares mortgages/ 1st lien deed of trust; typically a bank requires at least 80% of the initial collateral value to be covered by a perfected security interest and to have clear/acceptable title.



# **Bank Price Survey**

#### 4th Q 2012 Macquarie Tristone Price Survey: Mean of 40 Participating Banks



- Banks generally reset their oil and gas price forecast every quarter.
- Base case price forecast are generally below the NYMEX futures pricing (70% 95%).
- Banks generally always have a sensitivity case which is 80% of the base case price



FNR Disc. @ 9.0%

PROVED DEV. PRODUCING

PROVED DEV. NON PRODUCING

OIL HEDGES

TOTAL PROVED

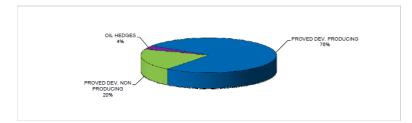
### **Engineering Evaluation Cases**



Effective Date: June 1, 2011

M\$

2,909.23
61,469.04
16,268.89
80,647.16



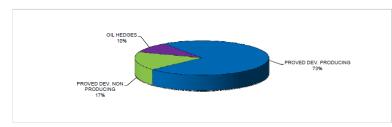
#### Iheria Rank

#### April 2011 Sensitivity Pricing Reserves Risk Adjusted Effective Date: June 1, 2011

FNR Disc. @ 9.0% M\$

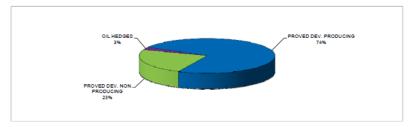
OIL HEDGES 5,841.06
PROVED DEV. PRODUCING 43,339.56
PROVED DEV. NON PRODUCING 10,337.25

TOTAL PROVED 59,517.87



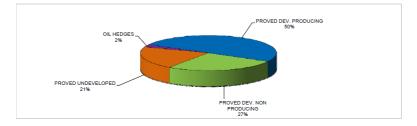
#### Ihoria Rank

#### April 2011 Base Pricing Reserves Risk Adjusted - Roll Forward



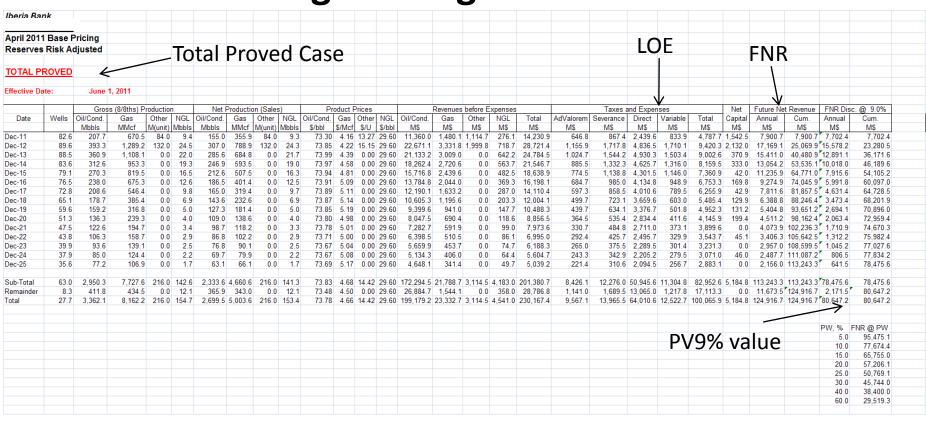
#### Iheria Rank

#### April 2011 Base Pricing Reserves Unrisked



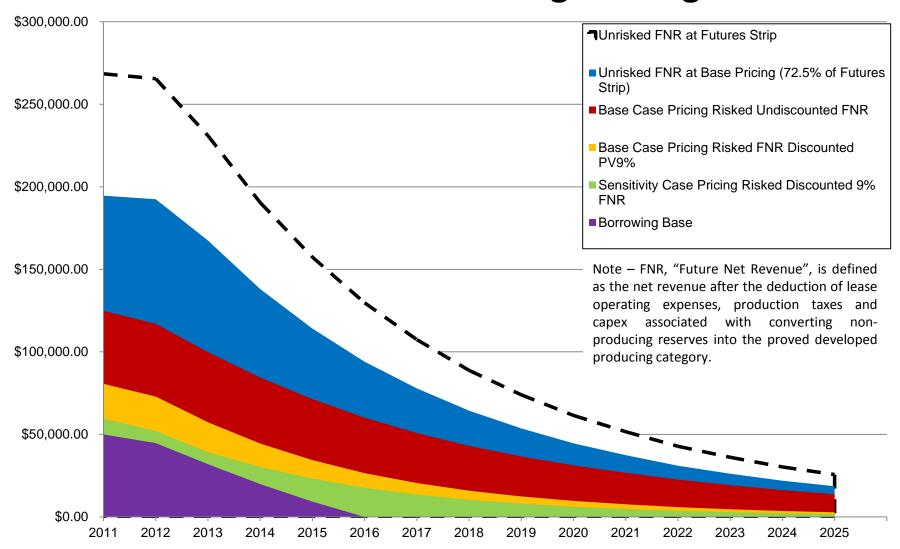


### **Engineering Evaluation**



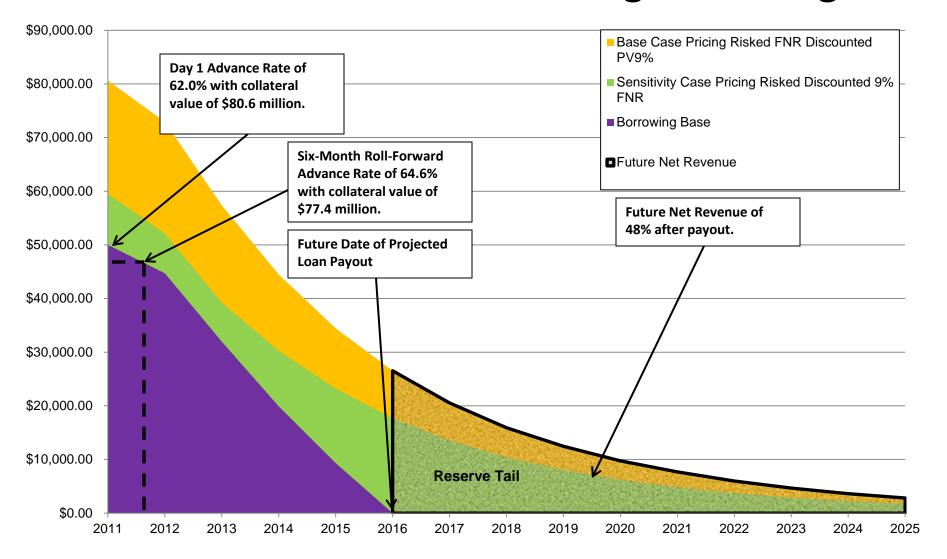


### **Reserve-Based Loan – Engineering Cases**



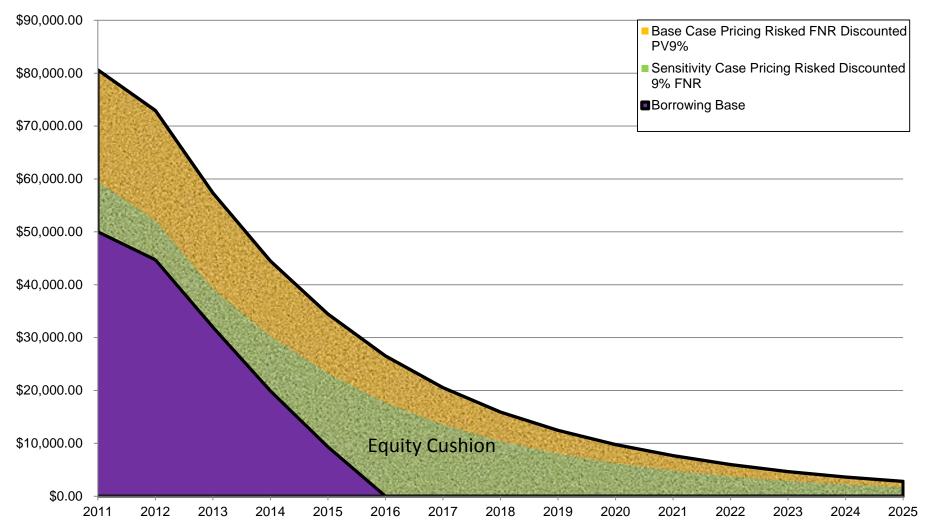


### Reserve-Based Loan – Determining Borrowing Base





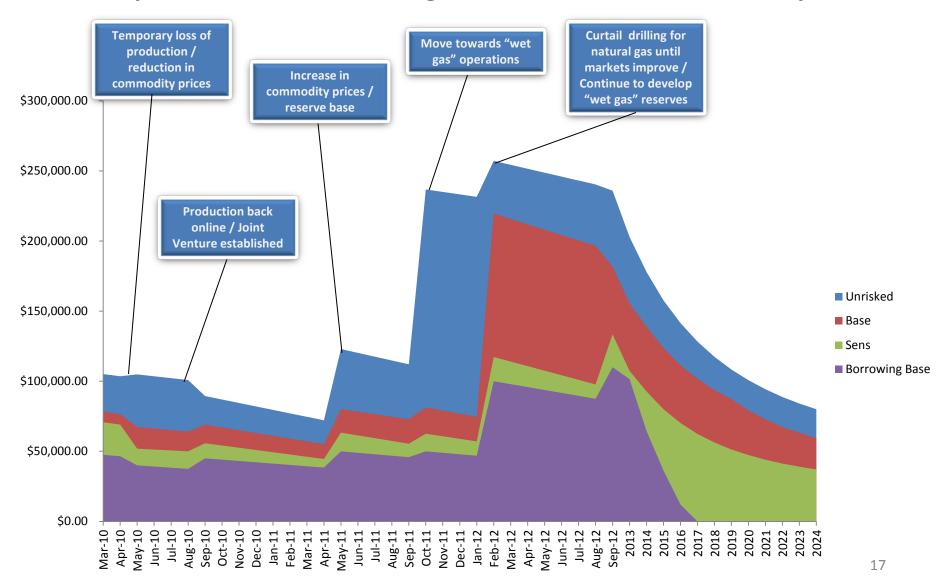
### Reserve-Based Loan – Equity Cushion



Focus on Advance Rates and Adequate Reserve Tail results in equity cushion and acceptable collateral over the life of the loan.

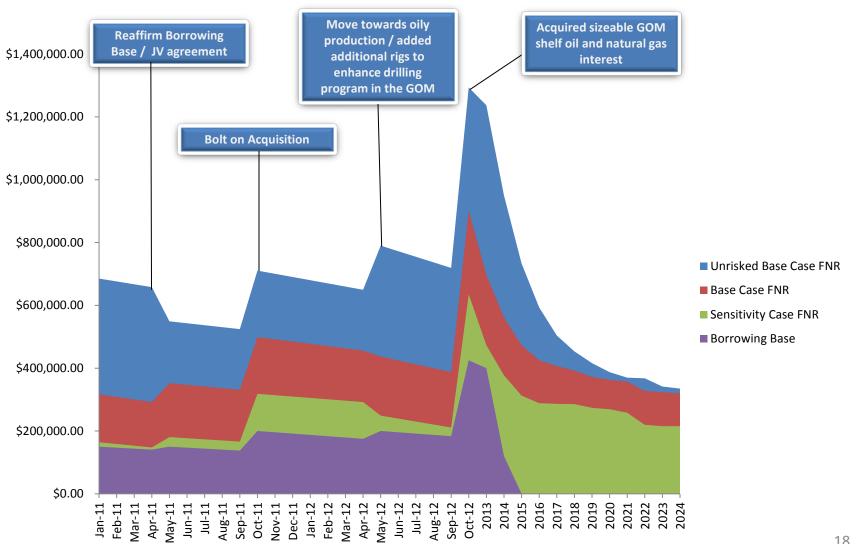


#### **Example – Customer moving from Natural Gas to Oil/Liquids**





### **Example – Offshore Customer Growing Via Acquisition**





# Factors Impacting Borrowing Base Loan Amount

#### Borrowing Base Decrease

Lower prices / price deck

Unwinding existing hedges with strike prices above price deck

Reserve divesture (with material PDP component)

Producing existing PDP reserves and not replacing them through drilling or acquisitions

Increased operating costs, G&A expenses, production taxes, drilling / completion CAPEX

Converting PDP reserves to PDNP category because of weather and/or (hurricane, freezing temperatures) mechanical/operational problems (requiring well maintenance or repair of pipeline/processing facilities)

Negative reserve revisions (performance was less than expected resulting in fewer reserves being recovered

#### **Borrowing Base Increase**

Higher prices / price deck

Additional hedges at prices above price deck

Reserve acquisition (with material PDP component)

Converting PUD or unproven reserves into PDP category through drilling of development or exploratory wells

Reducing operating costs, G&A expenses, production taxes, drilling / completion CAPEX

Converting PDNP reserves to PDP category, recompletion of additional "behind pipe" zones

Positive reserve revisions (performance was better than expected resulting in more reserves being recovered)

- Risk associated with the volatility of commodity prices/market values for oil and gas properties is mitigated by the flexibility in a reserved-based loan with standard borrowing base provisions.
- Borrowers can manage risk through commodity hedging, maintaining adequate liquidity, taking prudent exploration risks, not over-leveraging the balance sheet and partnering with a strong bank with experienced energy bankers such as the IBERIABANK ENERGY TEAM!



Questions?



### THE DEBT PICTURE

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