Investor Presentation

NASDAQ: BOKF
FORWARD LOOKING STATEMENTS

This communication contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995 including, but not limited to, CoBiz Financial Inc.’s and BOK Financial Corporation’s expectations or predictions of future financial or business performance or conditions. Forward-looking statements are typically identified by words such as “believe,” “expect,” “anticipate,” “intend,” “target,” “estimate,” “continue,” “positions,” “plan,” “predict,” “project,” “forecast,” “guidance,” “goal,” “objective,” “prospects,” “possible” or “potential,” by future conditional verbs such as “assume,” “will,” “would,” “should,” “could” or “may,” or by variations of such words or by similar expressions. These forward-looking statements are subject to numerous assumptions, risks and uncertainties, which change over time. Forward-looking statements speak only as of the date they are made and we assume no duty to update forward-looking statements. Actual results may differ materially from current projections.

In addition to factors previously disclosed in CoBiz Financial Inc.’s and BOK Financial Corporation’s reports filed with the SEC and those identified elsewhere in this communication, the following factors, among others, could cause actual results to differ materially from forward-looking statements or historical performance: the ability to obtain regulatory approvals and meet other closing conditions to the merger, including approval by CoBiz Financial Inc.’s shareholders on the expected terms and schedule, including the risk that regulatory approvals required for the merger are not obtained or are obtained subject to conditions that are not anticipated; delay in closing the merger; difficulties and delays in integrating CoBiz Financial Inc.’s business or fully realizing cost savings and other benefits; business disruption following the merger; changes in asset quality and credit risk; the inability to sustain revenue and earnings growth; changes in interest rates and capital markets; inflation; customer acceptance of BOK Financial Corporation’s products and services; customer borrowing, repayment, investment and deposit practices; customer disintermediation; the introduction, withdrawal, success and timing of business initiatives; competitive conditions; the inability to realize cost savings or revenues or to implement integration plans and other consequences associated with mergers, acquisitions and divestitures; economic conditions; and the impact, extent and timing of technological changes, capital management activities, and other actions of the Federal Reserve Board and legislative and regulatory actions and reforms.

Annualized, pro forma, projected and estimated numbers are used for illustrative purpose only, are not forecasts and may not reflect actual results.

IMPORTANT ADDITIONAL INFORMATION AND WHERE TO FIND IT

In connection with the proposed merger, BOK Financial Corporation has filed with the SEC a Registration Statement on Form S-4 that will include the Proxy Statement of CoBiz Financial Inc. and a Prospectus of BOK Financial Corporation, as well as other relevant documents concerning the proposed transaction. This communication does not constitute an offer to sell or the solicitation of an offer to buy any securities or a solicitation of any vote or approval. INVESTORS AND SHAREHOLDERS ARE URGED TO READ THE REGISTRATION STATEMENT AND THE PROXY STATEMENT/PROSPECTUS REGARDING THE MERGER E AND ANY OTHER RELEVANT DOCUMENTS FILED WITH THE SEC, AS WELL AS ANY AMENDMENTS OR SUPPLEMENTS TO THOSE DOCUMENTS, BECAUSE THEY WILL CONTAIN IMPORTANT INFORMATION.

A free copy of the Proxy Statement/Prospectus, as well as other filings containing information about BOK Financial Corporation and CoBiz Financial Inc., may be obtained at the SEC's Internet site (http://www.sec.gov). You will also be able to obtain these documents, free of charge, from CoBiz Financial Inc. at ir.cobizfinancial.com or from BOK Financial Corporation by accessing BOK Financial Corporation’s website at www.bokf.com. Copies of the Proxy Statement/Prospectus can also be obtained, free of charge, by directing a request to CoBiz Financial Inc. Investor Relations at CoBiz Financial Inc. Investor Relations, 1401 Lawrence Street, Suite 1200, Denver, CO, by calling (303) 312-3412, or by sending an e-mail to info@cobizfinancial.com or to BOK Financial Corporation Investor Relations at Bank of Oklahoma Tower, Boston Avenue at Second Street, Tulsa, Oklahoma, by calling (918) 588-6000 or by sending an e-mail to investorrelations@bokf.com.

CoBiz Financial Inc. and BOK Financial Corporation and certain of their respective directors and executive officers may be deemed to be participants in the solicitation of proxies from the shareholders of CoBiz Financial Inc. in respect of the transaction described in the Proxy Statement/Prospectus. Information regarding CoBiz Financial Inc.’s directors and executive officers is contained in CoBiz Financial Inc.’s Annual Report on Form 10-K for the year ended December 31, 2017 and its Proxy Statement on Schedule 14A, dated March 9, 2018, which are filed with the SEC. Information regarding BOK Financial Corporation’s directors and executive officers is contained in BOK Financial Corporation’s Annual Report on Form 10-K for the year ended December 31, 2017 and its Proxy Statement on Schedule 14A, dated March 15, 2018, which are filed with the SEC. Additional information regarding the interests of those participants and other persons who may be deemed participants in the transaction may be obtained by reading the Proxy Statement/Prospectus regarding the proposed merger when it becomes available. Free copies of this document may be obtained as described in the preceding paragraph.
BOK Financial: A Regional Banking Powerhouse

- One of the largest U.S. bank holding companies
- Valuable Midwest / Southwest franchise
- Seasoned management team
- Proven ability to deliver organic growth
- Consistent execution
- Consistent strategy
- **NASDAQ: BOKF**

### Asset Figures: June 30, 2018

- **Assets**: $34 billion
- **Loans**: $18 billion
- **Deposits**: $22 billion
- **Fiduciary Assets**: $47 billion
- **Assets Under Management & Custody**: $79 billion
Core Strategy: Build a recession-proof bank that will outperform peers across the economic cycle

- Consistent organic growth
- Robust portfolio of fee generating businesses provides balance in periods of economic instability
- Differentiated and growing specialty lending businesses
- Opportunistic investment in new businesses
- Disciplined credit focus

<table>
<thead>
<tr>
<th></th>
<th>As of 7/31/18</th>
<th>10 Yr. TSR</th>
<th>15 Yr. TSR</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOKF</td>
<td>213%</td>
<td>249%</td>
<td></td>
</tr>
<tr>
<td>Peer average</td>
<td>163%</td>
<td>170%</td>
<td></td>
</tr>
<tr>
<td>Peer median</td>
<td>140%</td>
<td>124%</td>
<td></td>
</tr>
<tr>
<td>NASDAQ Bank Index</td>
<td>130%</td>
<td>130%</td>
<td></td>
</tr>
<tr>
<td>KBW Bank Index</td>
<td>102%</td>
<td>79%</td>
<td></td>
</tr>
</tbody>
</table>

“There is no principle more emphasized in our organization than managing for long-term value rather than short-term results.”

– George Kaiser, Chairman
Acquisition of CoBiz Financial (COBZ)

“Best-in-Class” Performer

($ in billions)

<table>
<thead>
<tr>
<th>Headquarters</th>
<th>Denver, CO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Assets</td>
<td>$ 3.8</td>
</tr>
<tr>
<td>Branches</td>
<td>15</td>
</tr>
<tr>
<td>Total Loans</td>
<td>$ 3.1</td>
</tr>
<tr>
<td>NPLs / Loans</td>
<td>0.59 %</td>
</tr>
<tr>
<td>NCOs / Avg. Loans</td>
<td>0.11</td>
</tr>
<tr>
<td>ROAA</td>
<td>1.38</td>
</tr>
<tr>
<td>ROATCE</td>
<td>15.7</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>MSA</th>
<th>Rank</th>
<th>Deposits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Denver, CO</td>
<td>7</td>
<td>$ 1.9</td>
</tr>
<tr>
<td>Phoenix, AZ</td>
<td>12</td>
<td>0.7</td>
</tr>
<tr>
<td>Boulder, CO</td>
<td>9</td>
<td>0.3</td>
</tr>
</tbody>
</table>

## Transaction Summary

**Buyer**
- BOK Financial ("BOKF")

**Seller**
- CoBiz Financial ("CoBiz" or "COBZ")

**Consideration**
- 0.17 shares of BOKF common stock and $5.70 cash for each share of CoBiz common stock
- Implies ~75% Stock / ~25% Cash

**Transaction Value\(^1\)**
- Per Share: $23.02
- Aggregate: $977 million

**Pro Forma Ownership**
- 90% BOKF shareholders (54% George Kaiser) / 10% CoBiz shareholders

**Board Representation**
- BOK Financial to add Steve Bangert, CEO of CoBiz, to the Board of Directors

**Required Approvals**
- COBZ’s shareholder approval and customary regulatory approvals

**Expected Closing**
- Q4 2018

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\(^1\) Based on BOKF’s closing share price of $101.91 on June 15, 2018.
Pro Forma Financial Impact

Effective Use of Capital That Will Enhance Return Profile

**Strong Cash-on-Cash Return**

- IRR well in excess of cost of capital

**Enhances Return Profile (2020E)**

- 1.40% +

**Meaningful GAAP EPS Accretion**

- ~6% 

**Attractive Use of Capital**

<table>
<thead>
<tr>
<th></th>
<th>Current (1Q18)</th>
<th>Pro Forma (4Q18)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CET1</td>
<td>12.1%</td>
<td>11.4%</td>
</tr>
<tr>
<td>Tier 1</td>
<td>12.1</td>
<td>11.4</td>
</tr>
<tr>
<td>Total</td>
<td>13.5</td>
<td>13.1</td>
</tr>
<tr>
<td>Leverage</td>
<td>9.4</td>
<td>9.1</td>
</tr>
</tbody>
</table>

1. Cost of equity based on CAPM using a two-year historical Axioma beta at 1.14 and a 5.4% equity risk premium based on the average S&P 500 return spread over the long-term risk-free rate in the 1957–2017 period per Duff and Phelps.
BOK Financial: Diverse Revenue Sources

- 42% fee income is significant differentiator for BOKF compared to other midsized regional banks
- Well diversified: no single component of fee income accounts for more than 10% of total revenue
- Further diversity within the fee income categories:
  - Brokerage and trading: institutional trading, retail brokerage, investment banking, and financial risk management
  - Transaction card: ATM network and merchant services
  - Fiduciary and asset management: Mutual funds; corporate, foundation, and personal trust; 401(k) services; and professional services including mineral management
  - Mortgage banking: direct and online mortgage originations, mortgage servicing
## Strong Balance Sheet

<table>
<thead>
<tr>
<th>Metric</th>
<th>At 6/30/18</th>
<th>Pro-Forma for CoBiz Acquisition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Period End Deposits</td>
<td>$22.2 billion</td>
<td>$25.4 billion</td>
</tr>
<tr>
<td>Loan to Deposit Ratio</td>
<td>81%</td>
<td>81%</td>
</tr>
</tbody>
</table>

### Capital Ratios:

<table>
<thead>
<tr>
<th>Capital Ratios:</th>
<th>Regulatory minimum for well-capitalized:</th>
<th>At 6/30/18</th>
<th>Pro-Forma for CoBiz Acquisition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Equity Tier 1</td>
<td>7.0%</td>
<td>11.9%</td>
<td>11.4%</td>
</tr>
<tr>
<td>Tier 1 Capital Ratio</td>
<td>8.5%</td>
<td>11.9%</td>
<td>11.4%</td>
</tr>
<tr>
<td>Total Capital Ratio</td>
<td>10.5%</td>
<td>13.3%</td>
<td>13.1%</td>
</tr>
<tr>
<td>Leverage Ratio</td>
<td>4.0%</td>
<td>9.6%</td>
<td>9.1%</td>
</tr>
</tbody>
</table>
Strong Core Deposit Franchise

BOKF
- CDs 10%
- MMDA & Savings 48%
- Non-Int. Bearing 42%

Total Deposits = $22.2bn
Cost of Deposits = 0.33%

CoBiz
- CDs 2%
- MMDA & Savings 51%
- Non-Int. Bearing 46%
- Other 1%

Total Deposits = $3.2bn
Cost of Deposits = 0.12%

Combined
- CDs 9%
- MMDA & Savings 49%
- Non-Int. Bearing 42%

Total Deposits = $25.4bn
Cost of Deposits = 0.30%

<table>
<thead>
<tr>
<th>MSA</th>
<th>Branches</th>
<th>Deposit share</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tulsa, OK</td>
<td>23</td>
<td>32%</td>
</tr>
<tr>
<td>Dallas-Fort Worth-Arlington, TX</td>
<td>21</td>
<td>2%</td>
</tr>
<tr>
<td>Oklahoma City, OK</td>
<td>19</td>
<td>11%</td>
</tr>
<tr>
<td>Albuquerque, NM</td>
<td>17</td>
<td>10%</td>
</tr>
<tr>
<td>Houston-The Woodlands-Sugar Land, TX</td>
<td>12</td>
<td>1%</td>
</tr>
<tr>
<td>Denver-Aurora-Lakewood, CO*</td>
<td>20</td>
<td>4%</td>
</tr>
<tr>
<td>Kansas City, MO-KS</td>
<td>6</td>
<td>2%</td>
</tr>
<tr>
<td>Phoenix-Mesa-Scottsdale, AZ*</td>
<td>8</td>
<td>1%</td>
</tr>
<tr>
<td>Fayetteville-Springdale-Rogers, AR-MO</td>
<td>2</td>
<td>2%</td>
</tr>
<tr>
<td>Other MSAs</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td><strong>Total Branches</strong></td>
<td><strong>124</strong></td>
<td></td>
</tr>
</tbody>
</table>

Source: S&P Global Market Intelligence

*Pro-Forma for CoBiz acquisition

Geographic deposit mix *
- OK 51%
- TX 27%
- NM 7%
- AR 1%
- CO 1%
- KC 4%
- AZ 3%

Source: S&P Global Market Intelligence

*Pro-Forma for CoBiz acquisition
Diversified Loan Portfolio

Loan Portfolio Segmentation - Standalone

- Personal: 5%
- Non O-O CRE: 20%
- Healthcare: 13%
- Energy: 18%
- Gen. C&I: 33%
- Resi: 11%

Loan Portfolio by Collateral Location - Standalone:

- OK: 20%
- TX: 34%
- Other: 20%
- NM: 5%
- AZ: 5%
- CO: 9%
- KS/MO: 7%
- Other: 20%

Loan Portfolio Segmentation – Pro-Forma w/ CoBiz

- Energy: 14%
- General C&I: 18%
- C&D: 7%
- Resi: 9%
- Non O-O CRE: 21%
- O-O CRE: 8%
- Healthcare: 11%
- Cons. & Other: 9%
- Home Equity: 3%

Loan Portfolio by Collateral Loc. – Pro-Forma w/CoBiz

- OK: 16%
- TX: 30%
- Other: 17%
- NM: 16%
- AZ: 17%
- CO: 4%
- KS/MO: 7%

100 year history in energy lending and a playbook that works:

- Focus on first lien, senior secured E&P lending – the “sweet spot” in energy lending
- Internal staff of 13 petroleum engineers and engineering techs to confirm property values – a material investment that is a key to strong credit performance across the cycle.
- Focus on on-shore “lower 48” property sets with no deepwater offshore exposure
- Minimal exposure to second liens, undeveloped reserves, or other higher-risk components of the capital stack
- 50-60% loan to value on proved producing reserves
- Actual forward markets are the value determinant for borrowing bases
- Extraction and transportation costs are deducted from collateral values

At 6/30/18:

- $3.0 billion outstanding and $3.0 billion unfunded commitments
- E&P line utilization 53%

## Portfolio Composition at 6/30/18:

- 83% Oil & Gas Producers
- 13% Energy Services
- 4% Midstream & Other

## Strong through-the-cycle credit performance:

<table>
<thead>
<tr>
<th>Net Charge-Offs</th>
<th>2013</th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>E&amp;P</td>
<td>0.00%</td>
<td>0.00%</td>
<td>0.07%</td>
<td>1.42%</td>
<td>0.23%</td>
</tr>
<tr>
<td>Total Energy</td>
<td>-0.01%</td>
<td>-0.15%</td>
<td>0.17%</td>
<td>1.16%</td>
<td>0.18%</td>
</tr>
</tbody>
</table>

A National Energy Banking Leader
Healthcare Banking Expertise

- Growing line of business within commercial banking
- As of June 30, 2018, outstandings totaled $2.4 billion across 31 states
- Healthcare portfolio characteristics:
  - Favorable LIBOR spreads
  - Above-average loan utilization rates
  - Predominately BOK Financial originated commitments - less than 14% of commitments from broadly syndicated transactions
  - Senior Housing commitments real-estate collateralized and secured
  - Favorable credit metrics - No senior housing charge-offs (net of recoveries) since 2003

![Graph showing Loans Outstanding ($000,000's) with CAGR: 16.5%]

- 2012
- 2017
- $500
- $1,000
- $1,500
- $2,000
- $2,500
- CAGR: 16.5%

- 11% Senior Housing
- 74% Hospital
- 15% Service Medical
Commercial Real Estate

- $3.7 billion outstanding and $1.3 billion unfunded commitments at 6/30/18
- Primary focus is customers in the BOKF footprint.
- BOKF allocates 175% of Tier 1 capital plus reserves to CRE.
- Further controls and limitations by product type and geography. Concentration guidelines are analyzed and adjusted quarterly as needed.
- Extensive, granular loan underwriting guideline standards reviewed and adjusted semi-annually.
- Strong relationship between the front line production/bankers and credit concurrence officers. Bi-weekly vetting and discussion of potential opportunities in loan pipeline.
- Minimal exposure to residential construction and land development (highest risk, most cyclical sector in CRE)
Four primary lines of business:
- The Private Bank
- BOK Financial Advisors
- Institutional Wealth Management
- Cavanal Hill Investment Management

Clients include high net worth individuals, corporations, pensions, foundations, government entities, etc.

Wealth Management by the numbers:
- Assets under management or custody: $79 billion
- Fiduciary assets: $47 billion
- Loans: Over $1.4 billion
- Deposits: Over $5.8 billion
- More than $1 trillion in traded securities annually

Awards, Recognition, and Rankings:
- 19 “Best in Class” awards for Retirement Plans group
- Seventh largest corporate trustee bank ranked by number of issues and dollar amount
- Two five-star ratings from Morningstar for Cavanal Hill
- Three #1 Lipper awards in 2016 for Cavanal Hill
- Five top-ten rankings for investment banking underwriting services
- One of the top 25 firms that fulfills the hedging needs of the mortgage banking industry.
**Debit Processing & ATM Network**

- Among the top 10 networks in the US
- Operates nationally with customers based in 26 states and the Virgin Islands; more than 65% of clients outside Oklahoma
- Clients: Banks / Credit Unions / C-Store Chains
- In 2017, processed 607 million EFT transactions

**Merchant Payment Processing**

- Process payments for 6,504 merchant and cash advance locations
- In 2017, processed $2.4 billion in merchant sales

![EFT Transaction Volumes (M)](chart1)

- **CAGR: 7.2%**

![Merchant Volume $Mil](chart2)

- **CAGR: 5.6%**
Mortgage Banking

- Top 50 U.S. mortgage originator
- Three lines of business:
  - Direct mortgage origination through BOKF branches
  - Growing online sales channel – HomeDirect Mortgage
  - Mortgage Servicing
- Annual origination volume in 2017 ~ $3 billion
- Servicing $22 billion of mortgages at 6/30/18
2Q 2018 Financial Results
Second Quarter Summary:

Noteworthy items impacting Q2 profitability:

- Strongest quarterly loan growth in company history
- Continued net interest margin expansion
- Significant growth in net interest income
- Expenses relatively flat from Q1 despite revenue increase
- Strong credit quality and no loan loss provision

Q2 2018: New quarterly record for pre-tax, pre-provision income

Regular quarterly dividend increased 11% to 50 cents per share
 Loan Portfolio

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Energy</td>
<td>$3,147.2</td>
<td>$2,969.6</td>
<td>$2,847.2</td>
<td>6.0%</td>
<td>10.5%</td>
</tr>
<tr>
<td>Services</td>
<td>2,944.5</td>
<td>2,928.3</td>
<td>2,958.8</td>
<td>0.6%</td>
<td>(0.5%)</td>
</tr>
<tr>
<td>Healthcare</td>
<td>2,353.7</td>
<td>2,359.9</td>
<td>2,221.5</td>
<td>(0.3%)</td>
<td>6.0%</td>
</tr>
<tr>
<td>Wholesale/retail</td>
<td>1,699.6</td>
<td>1,531.6</td>
<td>1,543.7</td>
<td>11.0%</td>
<td>10.1%</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>647.8</td>
<td>559.7</td>
<td>546.1</td>
<td>15.7%</td>
<td>18.6%</td>
</tr>
<tr>
<td>Other</td>
<td>556.2</td>
<td>570.6</td>
<td>520.5</td>
<td>(2.5%)</td>
<td>6.9%</td>
</tr>
<tr>
<td><strong>Total C&amp;I</strong></td>
<td>$11,349.0</td>
<td>$10,919.7</td>
<td>$10,638.0</td>
<td>3.9%</td>
<td>6.7%</td>
</tr>
<tr>
<td>Commercial Real Estate</td>
<td>3,712.2</td>
<td>3,506.8</td>
<td>3,688.6</td>
<td>5.9%</td>
<td>0.6%</td>
</tr>
<tr>
<td>Residential Mortgage</td>
<td>1,942.3</td>
<td>1,945.8</td>
<td>1,939.2</td>
<td>(0.2%)</td>
<td>0.2%</td>
</tr>
<tr>
<td>Personal</td>
<td>1,000.2</td>
<td>965.6</td>
<td>917.9</td>
<td>3.6%</td>
<td>9.0%</td>
</tr>
<tr>
<td><strong>Total Loans</strong></td>
<td>$18,003.7</td>
<td>$17,337.9</td>
<td>$17,183.6</td>
<td>3.8%</td>
<td>4.8%</td>
</tr>
</tbody>
</table>

- Exceeds $18 billion in loans outstanding for the first time in company history
- Strongest dollar volume of loan growth in company history
- Strong growth in energy, wholesale/retail, manufacturing, commercial real estate, and personal.
### Net Interest Revenue
### Net Interest Margin

<table>
<thead>
<tr>
<th>($mil)</th>
<th>Q2 2018</th>
<th>Q1 2018</th>
<th>Q4 2017</th>
<th>Q3 2017</th>
<th>Q2 2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Net Interest Revenue</td>
<td>$238.6</td>
<td>$219.7</td>
<td>$216.9</td>
<td>$218.5</td>
<td>$205.2</td>
</tr>
<tr>
<td>Provision For Credit Losses</td>
<td>$--</td>
<td>($5.0)</td>
<td>($7.0)</td>
<td>$--</td>
<td>$--</td>
</tr>
<tr>
<td>Net Interest Revenue After Provision</td>
<td>$238.6</td>
<td>$224.7</td>
<td>$223.9</td>
<td>$218.5</td>
<td>$205.2</td>
</tr>
<tr>
<td>Net Interest Margin</td>
<td>3.17%</td>
<td>2.99%</td>
<td>2.97%</td>
<td>3.01%</td>
<td>2.89%</td>
</tr>
</tbody>
</table>

- Strong loan growth combined with margin expansion drove higher net interest revenue
- Continued margin expansion due to lower deposit betas
- Unwinding of FHLB/Fed trade positively impacted NIM by 4 basis points
- Non-accrual interest recoveries positively impacted NIR by $5.3 million and NIM by 7 basis points
- Continued benign credit environment and declines in non-accrual and potential problem loans led to zero provision in Q2
- No provision release in Q2 due to strong loan growth
Fees and Commissions

<table>
<thead>
<tr>
<th>Revenue, $mil</th>
<th>Change:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Q2 18</td>
</tr>
<tr>
<td>Brokerage and Trading</td>
<td>$26.5</td>
</tr>
<tr>
<td>Transaction Card</td>
<td>21.0</td>
</tr>
<tr>
<td>Fiduciary and Asset Management</td>
<td>41.7</td>
</tr>
<tr>
<td>Deposit Service Charges and Fees</td>
<td>27.8</td>
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<tr>
<td>Mortgage Banking</td>
<td>26.3</td>
</tr>
<tr>
<td>Other Revenue</td>
<td>14.5</td>
</tr>
<tr>
<td><strong>Total Fees and Commissions</strong></td>
<td><strong>$157.9</strong></td>
</tr>
</tbody>
</table>

- Brokerage and Trading: Down largely due to mortgage production environment – lower mortgage backed trading activity
- Transaction Card: Strong year over year growth due to higher customer count and transaction volume
- Fiduciary and Asset Management: Higher professional fees due to seasonal tax revenue, and higher fees on individually managed accounts, offset by lower trust fees
- Mortgage Banking: Relatively steady mortgage production volume and higher gain on sale margins drive slight sequential increase in revenue
Expenses

<table>
<thead>
<tr>
<th>($mil)</th>
<th>Q2 2018</th>
<th>Q1 2018</th>
<th>Q2 2017</th>
<th>%Incr. Seq.</th>
<th>%Incr. YOY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personnel Expense</td>
<td>$138.9</td>
<td>$139.9</td>
<td>$143.7</td>
<td>(0.7%)</td>
<td>(3.3%)</td>
</tr>
<tr>
<td>Other Operating Expense</td>
<td>$107.5</td>
<td>$104.5</td>
<td>$96.9</td>
<td>2.9%</td>
<td>10.9%</td>
</tr>
<tr>
<td>Total Operating Expense</td>
<td>$246.5</td>
<td>$244.4</td>
<td>$240.7</td>
<td>0.8%</td>
<td>2.4%</td>
</tr>
<tr>
<td>Efficiency Ratio</td>
<td>61.68%</td>
<td>65.09%</td>
<td>63.66%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Personnel expense down in Q2 due to decrease in stock option compensation expense and lower payroll taxes
- Non personnel expense up slightly due to higher professional fees and mortgage-related accruals
- $1 million of merger-related expenses in Q2
- Mortgage-related cost actions in Q3 – approximately $3 million annualized expense saves ($700 thousand severance in Q3)
Key Credit Quality Metrics

- **Energy Non-Accruals**
  - 2Q17: $245.4
  - 3Q17: $225.6
  - 4Q17: $187.9
  - 1Q18: $180.1
  - 2Q18: $165.7

- **Other Non-Accruals**

**Combined Allowance for Credit Losses to Period End Loans**

- 2Q17: 1.49%
- 3Q17: 1.47%
- 4Q17: 1.37%
- 1Q18: 1.32%
- 2Q18: 1.21%

**Net charge offs (annualized) to average loans**

- 2Q17: 0.04%
- 3Q17: 0.08%
- 4Q17: 0.27%
- 1Q18: 0.03%
- 2Q18: 0.24%

- No material signs of stress in any loan portfolio
- Nonaccrual loans down 8% sequentially
- Appropriately reserved for any potential issues with a combined allowance of 1.21%
2018 Expectations

- High-single-digit loan growth
- Available-for-sale securities flat to slightly down
- Modest growth in net interest margin
  - Assuming additional Fed rate hikes in September and December 2018 with continued active management and control of deposit pricing
- Low-double-digit growth in net interest income
- Revenue from fee-generating businesses flat to slightly down
- Low-single-digit expense growth (excluding CoBiz Integration expense)
- Provision levels moving forward will be influenced by loan growth and asset quality
- Blended federal and state effective tax rate 22-23% going forward
- CoBiz restructuring charges expected to be $61 million
  - Modest amount in Q3 2018 ($1-$2 million)
  - 60-70% expected to be realized at closing (current timeline Q4 2018)
  - 30-40% expected to be realized at conversion (current timeline Q1 2019)
Combination with

Additional Details
Strong Strategic Rationale with Compelling Financial Impact

**Strong Strategic Rationale**
- Highly aligned business models and culture
- Enhances presence in attractive Colorado and Phoenix markets
- Provides incremental growth opportunities to utilize excess core funding
- Provides added commercial lending capabilities in middle market and small business
- Growth opportunities and cost efficiencies driving operating leverage

**Compelling Financial Impact**
- Internal rate of return in excess of 20%; well in excess of cost of capital
- High single digit EPS accretion
- Enhances ROAA by 10 bps and ROATCE by 220 bps
- Attractive use of excess capital
- Manageable tangible book value per share dilution and associated earnback

**Low Risk Transaction**
- Combining with “best-in-class” performer with strong credit profile
- Comprehensive due diligence completed
- Management continuity and alignment
- In-market combination with familiar customer base
Highly Aligned Business Models

- Shared culture of low-risk, commercially-focused lending

- Unique specialized business lending lines
  - BOK Financial: Energy, Healthcare
  - CoBiz: Healthcare, Public Finance

- Product offerings focused on meeting financial needs at all stages of a client’s lifecycle

- Disciplined credit management

Highly aligned business models with a focus on customer relationships and disciplined credit philosophy

Enhancing Presence in Attractive Markets

Pro Forma Deposit Footprint

Pro Forma Market Share

Loan Geography

Attractive Growth Markets

Note: Deposit market share data as of 30-Jun-17. Loan geography mix as of 31-Mar-18 per Company Filings. Market demographics represent projected 2018E Household Income and growth rates for 2018-2023. Unemployment as of April-18 per BLS.

1 1-mile overlap.
Leverages Investment to Drive Future Operating Leverage

**BOKF Select 2018 Areas of Investment**

- Allows combined entity to achieve scale and benefit from existing robust and developed infrastructure

<table>
<thead>
<tr>
<th>Information Technology</th>
<th>Cloud-based Solutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Analytics</td>
<td>Self-service Solutions</td>
</tr>
</tbody>
</table>

**Efficiency Ratio Opportunities**

- Provides both companies the ability to further improve efficiency over time and share the benefits of transaction related cost savings

<table>
<thead>
<tr>
<th>CoBiz</th>
<th>BOK Financial</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>66.8 %</td>
</tr>
<tr>
<td>2017</td>
<td>62.5 %</td>
</tr>
<tr>
<td>2016</td>
<td>71.0 %</td>
</tr>
<tr>
<td>2017</td>
<td>67.2 %</td>
</tr>
<tr>
<td>3-Year Target</td>
<td>&lt;60.0 %</td>
</tr>
</tbody>
</table>

*Opportunity to leverage significant investments in infrastructure to reduce redundant expenses*

*Source: SNL Financial and Company Filings*
## Transaction Multiples and Key Assumptions

| Pricing¹ | 4% premium to CoBiz’s closing price of $22.15  
| | 18.6x 2018E EPS; 10.7x 2019E EPS with fully phased in cost synergies  
| | 2.9x tangible book value per share  
| Synergies | 40% of CoBiz’s noninterest expense: 75% realized in 2019, 100% thereafter  
| | Revenue synergies identified, not included in financial model  
| Fair Value Marks | Loan mark equal to 1.2% of portfolio or $37mm  
| | $(27)mm of other pre-tax purchase accounting fair value adjustments  
| Core Deposit Intangible | 1.5% of CoBiz’s non-time deposits amortized using sum-of-the-years-digits over 7 years  
| Tax Rate | 22.5% effective tax rate on transaction adjustments  
| Merger and Integration Costs | $61mm pre-tax of total merger and integration costs  
| | Fully accounted for in transaction and tangible book value impact at close

¹ Based on BOKF’s closing share price of $101.91 on June 15, 2018. 2018E EPS reflects IBES median per Thomson Reuters.
### CoBiz Merger

<table>
<thead>
<tr>
<th>Selected Metrics</th>
<th>Merger</th>
<th>100% Stock</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020E EPS Accretion (GAAP)</td>
<td>~9%</td>
<td>~6%</td>
</tr>
<tr>
<td>2020E EPS Accretion (Cash)</td>
<td>~10%</td>
<td>~7%</td>
</tr>
<tr>
<td>TBVPS Dilution</td>
<td>(8.7)%</td>
<td>(5.1)%</td>
</tr>
<tr>
<td>CET1</td>
<td>11.4%</td>
<td>12.2%</td>
</tr>
</tbody>
</table>

- ~4.75 years earnback (100% Stock)
- ~5.75 years earnback (Merger)

### Share Repurchase

<table>
<thead>
<tr>
<th>Selected Metrics</th>
<th>Repurchase</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020E EPS Accretion (GAAP)</td>
<td>~4%</td>
</tr>
<tr>
<td>2020E EPS Accretion (Cash)</td>
<td>~4%</td>
</tr>
<tr>
<td>TBVPS Dilution</td>
<td>(5.3)%</td>
</tr>
<tr>
<td>CET1</td>
<td>11.4%</td>
</tr>
</tbody>
</table>

- ~7.50 years earnback (Repurchase)

---

**Note:** Assumes 4Q 2018 transaction close. Earnback calculated as number of years until pro forma tangible book value per share equals or exceeds standalone projected tangible book value per share.
Comprehensive Due Diligence

Overview
- Comprehensive due diligence coordinated and led by key executives
- Ongoing dialogue throughout the process between both CEOs and CFOs
- Full engagement of external counsel and financial advisor

Credit Quality
- Strong credit culture closely aligned with our underwriting
  - Underwriting on new commitments is aligned with our standards specifically on CRE
- Loan review’s scope encompassed 765 loans totaling $1.6bn outstanding or ~53% of the portfolio outstanding volume

Compliance and Risk
- Sound compliance and risk systems
- Comprehensive BSA / AML due diligence review
- Detailed cybersecurity assessment

Integration
- Integration planning
  - Establish core project team
  - Develop a road map for systems integration
- 2H18 – 1H19: Integration
  - Align IT systems and validate mapping
- 1H19 – 2H19: Implementation
  - Execute on integration strategy
  - Customer outreach