

National Bank Holdings Corp
Form 10-Q
November 04, 2016

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

FORM 10-Q

(Mark One)

QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the quarterly period ended September 30, 2016

OR

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from _____ to _____

Commission File Number: 001-35654

NATIONAL BANK HOLDINGS CORPORATION

(Exact name of registrant as specified in its charter)

| | |
|---------------------------------|---------------------|
| Delaware | 27-0563799 |
| (State or other jurisdiction of | (I.R.S. Employer |
| incorporation or organization) | Identification No.) |

7800 East Orchard, Suite 300, Greenwood Village, Colorado 80111

(Address of principal executive offices) (Zip Code)

Registrant's telephone, including area code: (720) 529-3336

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was

Edgar Filing: National Bank Holdings Corp - Form 10-Q

required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See definitions of “accelerated filer.” and “large accelerated filer” and “smaller reporting company” in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer Accelerated filer
Non-accelerated filer (do not check if a smaller reporting company) Smaller Reporting Company

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes No

APPLICABLE ONLY TO CORPORATE ISSUERS:

Indicate the number of shares outstanding of each of the issuer’s classes of common stock, as of the latest practicable date.

As of November 3, 2016, the registrant had outstanding 25,963,366 shares of Class A voting common stock, each with \$0.01 par value per share, excluding 804,381 shares of restricted Class A common stock issued but not yet vested.

| | Page |
|---|------|
| <u>Part I. Financial Information</u> | |
| <u>Item 1. Financial Statements (Unaudited)</u> | 3 |
| <u>Consolidated Statements of Financial Condition as of September 30, 2016 and December 31, 2015</u> | 3 |
| <u>Consolidated Statements of Operations for the Three and Nine months ended September 30, 2016 and 2015</u> | 4 |
| <u>Consolidated Statements of Comprehensive Income for the Three and Nine months ended September 30, 2016 and 2015</u> | 5 |
| <u>Consolidated Statements of Changes in Shareholders' Equity for the Nine months ended September 30, 2016 and 2015</u> | 6 |
| | 7 |

Consolidated
Statements of
Cash Flows for
the Nine months
ended
September 30,
2016 and 2015

Notes to 8
Consolidated
Financial
Statements

Item 2. Management's 40
Discussion and
Analysis of
Financial
Condition and
Results of
Operations

Item 3. Quantitative 75
and Qualitative
Disclosures
About Market
Risk

Item 4. Controls and 75
Procedures

Part II. Other Information

Item 1. Legal 76
Proceedings

Item 1A. Risk Factors 76

Item 2. Unregistered 76
Sales of Equity
Securities and
Use of Proceeds

Item 5. Other 76
Information

Item 6. Exhibits 77

Table of Contents

CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS

This report contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995, notwithstanding that such statements are not specifically identified. Any statements about our expectations, beliefs, plans, predictions, forecasts, objectives, assumptions or future events or performance are not historical facts and may be forward-looking. These statements are often, but not always, made through the use of words or phrases such as “anticipate,” “believe,” “can,” “would,” “should,” “could,” “may,” “predict,” “seek,” “potential,” “will,” “estimate,” “tend,” “continue,” “ongoing,” “expect,” “intend” and similar words or phrases. These statements are only predictions and involve estimates, known and unknown risks, assumptions and uncertainties. We have based these statements largely on our current expectations and projections about future events and financial trends that we believe may affect our financial condition, liquidity, results of operations, business strategy and growth prospects.

Forward-looking statements involve certain important risks, uncertainties and other factors, any of which could cause actual results to differ materially from those in such statements and, therefore, you are cautioned not to place undue reliance on such statements. Factors that could cause actual results to differ from those discussed in the forward-looking statements include, but are not limited to:

- our ability to execute our business strategy, as well as changes in our business strategy or development plans;
- business and economic conditions generally and in the financial services industry;
- economic, market, operational, liquidity, credit and interest rate risks associated with our business;
- effects of any changes in trade, monetary and fiscal policies and laws, including the interest rate policies of the Federal Reserve Board;
- changes imposed by regulatory agencies to increase our capital to a level greater than the current level required for well-capitalized financial institutions (including the impact of the joint final rules promulgated by the Federal Reserve Board, Office of the Comptroller of the Currency and the FDIC revising certain regulatory capital requirements to align with the Basel III capital standards and meet certain requirements of the Dodd-Frank Wall Street Reform and Consumer Protection Act);
- effects of inflation, as well as, interest rate, securities market and monetary supply fluctuations;
- changes in the economy or supply-demand imbalances affecting local real estate values;

Edgar Filing: National Bank Holdings Corp - Form 10-Q

- changes in consumer spending, borrowings and savings habits;

- our ability to identify potential candidates for, obtain regulatory approval for, and consummate, acquisitions of financial institutions on attractive terms, or at all;

- our ability to integrate acquisitions or consolidations and to achieve synergies, operating efficiencies and/or other expected benefits within expected time-frames, or at all, or within expected cost projections, and to preserve the goodwill of acquired financial institutions;

- our ability to realize the anticipated benefits from converted core operating systems without significant change in our client service or risk to our control environment;

- dependence on information technology and telecommunications systems of third party service providers and the risk of systems failures, interruptions or breaches of security, including those that could result in disclosure or misuse of confidential or proprietary client or other information;
 - our ability to achieve organic loan and deposit growth and the composition of such growth;

- changes in sources and uses of funds, including loans, deposits and borrowings;

- increased competition in the financial services industry, nationally, regionally or locally, resulting in, among other things, lower returns;

Table of Contents

- the effect of changes in accounting policies and practices, as may be adopted by the regulatory agencies, as well as the Public Company Accounting Oversight Board, the Financial Accounting Standards Board and other accounting standard setters;
- the trading price of shares of the Company's stock;
- our ability to realize deferred tax assets or the need for a valuation allowance;
- continued consolidation in the financial services industry;
- our ability to maintain or increase market share and control expenses;
- costs and effects of changes in laws and regulations and of other legal and regulatory developments, including, but not limited to, changes in regulation that affect the fees that we charge, the resolution of legal proceedings or regulatory or other governmental inquiries, and the results of regulatory examinations, reviews or other inquiries; and changes in regulations that apply to us due to the conversion of our bank subsidiary to a Colorado state-chartered bank;
- technological changes;
- the timely development and acceptance of new products and services and perceived overall value of these products and services by our clients;
- changes in our management personnel and our continued ability to hire and retain qualified personnel;
- ability to implement and/or improve operational management and other internal risk controls and processes and our reporting system and procedures;
- regulatory limitations on dividends from our bank subsidiary;
- changes in estimates of future loan reserve requirements based upon the periodic review thereof under relevant regulatory and accounting requirements;
- widespread natural and other disasters, dislocations, political instability, acts of war or terrorist activities, cyberattacks or international hostilities through impacts on the economy and financial markets generally or on us or our counterparties specifically;

- impact of reputational risk on such matters as business generation and retention;
- other risks and uncertainties listed from time to time in the Company's reports and documents filed with the Securities and Exchange Commission; and
- our success at managing the risks involved in the foregoing items.

Any forward-looking statement speaks only as of the date on which it is made, and we undertake no obligation to update any forward-looking statement to reflect events or circumstances after the date on which the statement is made or to reflect the occurrence of unanticipated events or circumstances, except as required by applicable law.

Table of Contents

PART I: FINANCIAL INFORMATION

Item 1: FINANCIAL STATEMENTS

NATIONAL BANK HOLDINGS CORPORATION AND SUBSIDIARIES

Consolidated Statements of Financial Condition (Unaudited)

(In thousands, except share and per share data)

| | September 30, 2016 | December 31, 2015 |
|--|--------------------|-------------------|
| ASSETS | | |
| Cash and due from banks | \$ 124,977 | \$ 155,985 |
| Interest bearing bank deposits | — | 10,107 |
| Cash and cash equivalents | 124,977 | 166,092 |
| Investment securities available-for-sale (at fair value) | 968,853 | 1,157,246 |
| Investment securities held-to-maturity (fair value of \$360,686 and \$428,585 at September 30, 2016 and December 31, 2015, respectively) | 355,427 | 427,503 |
| Non-marketable securities | 12,373 | 22,529 |
| Loans | 2,822,555 | 2,587,673 |
| Allowance for loan losses | (28,021) | (27,119) |
| Loans, net | 2,794,534 | 2,560,554 |
| Loans held for sale | 20,341 | 13,292 |
| Other real estate owned | 21,200 | 20,814 |
| Premises and equipment, net | 96,861 | 103,103 |
| Goodwill | 59,630 | 59,630 |
| Intangible assets, net | 8,319 | 12,429 |
| Other assets | 143,898 | 140,716 |
| Total assets | \$ 4,606,413 | \$ 4,683,908 |
| LIABILITIES AND SHAREHOLDERS' EQUITY | | |
| Liabilities: | | |
| Deposits: | | |
| Non-interest bearing demand deposits | \$ 841,421 | \$ 815,054 |
| Interest bearing demand deposits | 416,153 | 436,745 |
| Savings and money market | 1,393,661 | 1,394,995 |
| Time deposits | 1,173,772 | 1,193,883 |
| Total deposits | 3,825,007 | 3,840,677 |
| Securities sold under agreements to repurchase | 113,307 | 136,523 |
| Federal Home Loan Bank advances | 51,359 | 40,000 |
| Other liabilities | 66,968 | 49,164 |
| Total liabilities | 4,056,641 | 4,066,364 |
| Shareholders' equity: | | |
| Common stock, par value \$0.01 per share: 400,000,000 shares authorized; 52,126,818 and 52,177,352 shares issued; 26,282,224 and | 514 | 513 |

Edgar Filing: National Bank Holdings Corp - Form 10-Q

| | | |
|---|--------------|--------------|
| 30,358,509 shares outstanding at September 30, 2016 and December 31, 2015, respectively | | |
| Additional paid-in capital | 997,665 | 997,926 |
| Retained earnings | 47,347 | 38,670 |
| Treasury stock of 25,018,819 and 20,982,812 shares at September 30, 2016 and December 31, 2015, respectively, at cost | (504,301) | (419,660) |
| Accumulated other comprehensive income, net of tax | 8,547 | 95 |
| Total shareholders' equity | 549,772 | 617,544 |
| Total liabilities and shareholders' equity | \$ 4,606,413 | \$ 4,683,908 |

See accompanying notes to the consolidated interim financial statements.

3

Table of Contents

NATIONAL BANK HOLDINGS CORPORATION AND SUBSIDIARIES

Consolidated Statements of Operations (Unaudited)

(In thousands, except share and per share data)

| | For the three months ended September 30, | | For the nine months ended September 30, | |
|--|---|-----------|--|-----------|
| | 2016 | 2015 | 2016 | 2015 |
| Interest and dividend income: | | | | |
| Interest and fees on loans | \$ 33,450 | \$ 32,650 | \$ 96,477 | \$ 96,797 |
| Interest and dividends on investment securities | 7,094 | 9,144 | 23,088 | 29,480 |
| Dividends on non-marketable securities | 160 | 319 | 581 | 963 |
| Interest on interest-bearing bank deposits | 60 | 198 | 644 | 675 |
| Total interest and dividend income | 40,764 | 42,311 | 120,790 | 127,915 |
| Interest expense: | | | | |
| Interest on deposits | 3,479 | 3,424 | 10,305 | 10,274 |
| Interest on borrowings | 221 | 205 | 630 | 625 |
| Total interest expense | 3,700 | 3,629 | 10,935 | 10,899 |
| Net interest income before provision for loan losses | 37,064 | 38,682 | 109,855 | 117,016 |
| Provision for loan losses | 5,293 | 3,710 | 22,369 | 7,021 |
| Net interest income after provision for loan losses | 31,771 | 34,972 | 87,486 | 109,995 |
| Non-interest income: | | | | |
| Service charges | 3,662 | 3,953 | 10,387 | 10,977 |
| Bank card fees | 2,828 | 2,808 | 8,530 | 8,057 |
| Gain on sale of mortgages, net | 600 | 628 | 1,608 | 1,574 |
| Bank-owned life insurance income | 497 | 421 | 1,378 | 1,217 |
| Other non-interest income | 2,354 | 521 | 5,942 | 2,711 |
| OREO related write-ups and other income | 1,667 | 183 | 2,190 | 871 |
| Bargain purchase gain | — | 1,048 | — | 1,048 |
| FDIC loss-sharing related | — | (5,801) | — | (20,426) |
| Total non-interest income | 11,608 | 3,761 | 30,035 | 6,029 |
| Non-interest expense: | | | | |
| Salaries and benefits | 20,091 | 20,454 | 60,315 | 61,687 |
| Occupancy and equipment | 5,666 | 6,098 | 17,440 | 18,256 |
| Telecommunications and data processing | 1,487 | 2,933 | 4,599 | 8,573 |
| Marketing and business development | 687 | 1,016 | 1,802 | 3,277 |
| FDIC deposit insurance | 734 | 1,031 | 2,719 | 3,104 |
| Bank card expenses | 1,133 | 924 | 3,009 | 2,470 |
| Professional fees | 909 | 924 | 2,343 | 3,006 |
| Other non-interest expense | 2,198 | 2,831 | 6,265 | 7,566 |
| Problem asset workout | 1,172 | 1,821 | 3,104 | 5,435 |

Edgar Filing: National Bank Holdings Corp - Form 10-Q

| | | | | |
|---|------------|------------|------------|------------|
| Gain on OREO sales, net | (2,077) | (238) | (4,120) | (2,342) |
| Intangible asset amortization | 1,370 | 1,359 | 4,110 | 4,031 |
| Gain from the change in fair value of warrant liability | — | (476) | — | (358) |
| Banking center consolidation related expenses | — | — | — | 1,089 |
| Total non-interest expense | 33,370 | 38,677 | 101,586 | 115,794 |
| Income before income taxes | 10,009 | 56 | 15,935 | 230 |
| Income tax expense (benefit) | 1,695 | (1,580) | 2,866 | (1,311) |
| Net income | \$ 8,314 | \$ 1,636 | \$ 13,069 | \$ 1,541 |
| Income per share—basic | \$ 0.30 | \$ 0.05 | \$ 0.45 | \$ 0.04 |
| Income per share—diluted | \$ 0.30 | \$ 0.05 | \$ 0.45 | \$ 0.04 |
| Weighted average number of common shares outstanding: | | | | |
| Basic | 27,654,827 | 32,681,181 | 28,991,094 | 35,605,180 |
| Diluted | 27,898,756 | 32,762,516 | 29,111,322 | 35,605,701 |

See accompanying notes to the consolidated interim financial statements.

Table of Contents

NATIONAL BANK HOLDINGS CORPORATION AND SUBSIDIARIES

Consolidated Statements of Comprehensive Income (Unaudited)

(In thousands)

| | For the three months ended September 30, | | For the nine months ended September 30, | |
|---|--|----------|---|----------|
| | 2016 | 2015 | 2016 | 2015 |
| Net income | \$ 8,314 | \$ 1,636 | \$ 13,069 | \$ 1,541 |
| Other comprehensive (loss) income, net of tax: | | | | |
| Securities available-for-sale: | | | | |
| Net unrealized (losses) gains arising during the period, net of tax benefit (expense) of \$1,376 and (\$2,982) for the three months ended September 30, 2016 and 2015, respectively; and net of tax expense of (\$6,111) and (\$2,982) for the nine months ended, September 30, 2016 and 2015, respectively | (2,242) | 4,848 | 9,956 | 4,848 |
| Less: amortization of net unrealized holding gains to income, net of tax benefit of \$300 and \$342 for the three months ended September 30, 2016 and 2015, respectively; and net of tax benefit of \$923 and \$1,120 for the nine months ended September 30, 2016 and 2015, respectively | (489) | (556) | (1,504) | (1,951) |
| Other comprehensive (loss) income | (2,731) | 4,292 | 8,452 | 2,897 |
| Comprehensive income | \$ 5,583 | \$ 5,928 | \$ 21,521 | \$ 4,438 |

See accompanying notes to the consolidated interim financial statements.

Table of Contents

NATIONAL BANK HOLDINGS CORPORATION AND SUBSIDIARIES

Consolidated Statements of Changes in Shareholders' Equity (Unaudited)

Nine months ended September 30, 2016 and 2015

(In thousands, except share and per share data)

| | Common stock | Additional paid-in capital | Retained earnings | Treasury stock | Accumulated other comprehensive income, net | Total |
|--|-----------------|----------------------------------|----------------------|-------------------|--|------------|
| Balance, December 31, 2014 | \$ 512 | \$ 993,212 | \$ 40,528 | \$ (245,516) | \$ 5,839 | \$ 794,575 |
| Net income | — | — | 1,541 | — | — | 1,541 |
| Stock-based compensation | — | 2,514 | — | — | — | 2,514 |
| Issuance under equity compensation plans, including tax benefit of \$8 | 1 | (286) | — | 290 | — | 5 |
| Repurchase of 8,645,836 shares | — | — | — | (175,048) | — | (175,048) |
| Cash dividends declared (\$0.15 per share) | — | — | (5,291) | — | — | (5,291) |
| Other comprehensive income | — | — | — | — | 2,897 | 2,897 |
| Balance, September 30, 2015 | \$ 513 | \$ 995,440 | \$ 36,778 | \$ (420,274) | \$ 8,736 | \$ 621,193 |
| Balance, December 31, 2015 | \$ 513 | \$ 997,926 | \$ 38,670 | \$ (419,660) | \$ 95 | \$ 617,544 |
| Net income | — | — | 13,069 | — | — | 13,069 |
| Stock-based compensation | — | 2,692 | — | — | — | 2,692 |
| Issuance of stock under equity compensation plans, including tax benefit of \$39, loss on reissuance of treasury stock of \$5, net | 1 | (2,953) | — | 2,669 | — | (283) |
| Repurchase of 4,231,874 shares | — | — | — | (87,310) | — | (87,310) |
| Cash dividends declared (\$0.15 per share) | — | — | (4,392) | — | — | (4,392) |
| Other comprehensive income | — | — | — | — | 8,452 | 8,452 |
| Balance, September 30, 2016 | \$ 514 | \$ 997,665 | \$ 47,347 | \$ (504,301) | \$ 8,547 | \$ 549,772 |

See accompanying notes to the consolidated interim financial statements.

Table of Contents

NATIONAL BANK HOLDINGS CORPORATION AND SUBSIDIARIES

Consolidated Statements of Cash Flows (Unaudited)

(In thousands)

| | For the nine months ended September 30, | |
|---|--|-----------|
| | 2016 | 2015 |
| Cash flows from operating activities: | | |
| Net income | \$ 13,069 | \$ 1,541 |
| Adjustments to reconcile net income to net cash provided by (used in) operating activities: | | |
| Provision for loan losses | 22,369 | 7,021 |
| Depreciation and amortization | 10,864 | 11,613 |
| Current income tax receivable | 3,357 | (2,216) |
| Deferred income tax asset | 6,846 | (6,585) |
| Discount accretion, net of premium amortization on securities | 2,352 | 3,229 |
| Loan accretion | (27,939) | (38,073) |
| Gain on sale of mortgages, net | (1,608) | (1,574) |
| Origination of loans held for sale, net of repayments | (79,747) | (78,760) |
| Proceeds from sales of loans held for sale | 71,113 | 74,234 |
| Bank-owned life insurance income | (1,378) | (1,217) |
| Amortization of indemnification asset | — | 20,751 |
| Gain on the sale of other real estate owned, net | (4,120) | (2,342) |
| Impairment on other real estate owned | 262 | 799 |
| Impairment on fixed assets related to banking center consolidations | — | 1,089 |
| (Gain) loss on sale of fixed assets | (1,840) | 6 |
| Bargain purchase gain | — | (1,048) |
| Stock-based compensation | 2,692 | 2,514 |
| Decrease in due to FDIC, net | — | (3,299) |
| Increase in other assets | (6,892) | (2,109) |
| Increase (decrease) in other liabilities | 17,747 | (799) |
| Net cash provided by (used in) operating activities | 27,147 | (15,225) |
| Cash flows from investing activities: | | |
| Purchase of FHLB stock | (1,859) | — |
| Proceeds from redemption of FHLB stock | 7,051 | 493 |
| Proceeds from redemption of FRB stock | 4,964 | — |
| Purchase of FRB stock | — | (238) |
| Proceeds from maturities of investment securities held-to-maturity | 69,218 | 81,877 |
| Proceeds from maturities of investment securities available-for-sale | 207,413 | 242,159 |
| Proceeds from sales of investment securities available-for-sale | — | 29,748 |
| Purchase of investment securities available-for-sale | (4,872) | — |
| Increase in securities purchased under agreement to resell | — | (50,000) |
| Net increase in loans | (239,203) | (272,019) |
| Sales (purchases) of premises and equipment, net | 1,328 | (3,623) |
| Purchase of bank-owned life insurance | (10,344) | — |
| Proceeds from sales of loans | 9,231 | 11,702 |

Edgar Filing: National Bank Holdings Corp - Form 10-Q

| | | |
|--|------------|------------|
| Proceeds from sales of other real estate owned | 8,227 | 14,260 |
| Decrease in FDIC indemnification asset | — | 176 |
| Net cash activity from acquisitions | — | 22,832 |
| Net cash provided by investing activities | 51,154 | 77,367 |
| Cash flows from financing activities: | | |
| Net decrease in deposits | (15,670) | (21,694) |
| (Decrease) increase in repurchase agreements | (23,216) | 35,936 |
| Advances from FHLB | 71,359 | — |
| FHLB Payoffs | (60,000) | — |
| Issuance of stock under purchase and equity compensation plans | (322) | (148) |
| Proceeds from exercise of stock options | — | 160 |
| Excess tax benefit on stock-based compensation | 39 | 8 |
| Payment of dividends | (4,296) | (5,179) |
| Repurchase of shares | (87,310) | (175,048) |
| Net cash used in financing activities | (119,416) | (165,965) |
| Decrease in cash and cash equivalents | (41,115) | (103,823) |
| Cash and cash equivalents at beginning of the year | 166,092 | 256,979 |
| Cash and cash equivalents at end of period | \$ 124,977 | \$ 153,156 |
| Supplemental disclosure of cash flow information during the period: | | |
| Cash paid for interest | \$ 9,336 | \$ 9,913 |
| Net tax payments | \$ 2,152 | \$ 7,467 |
| Supplemental schedule of non-cash investing activities: | | |
| Loans transferred to other real estate owned at fair value | \$ 4,755 | \$ 1,143 |
| FDIC submissions transferred to other liabilities | \$ — | \$ (2,644) |
| Loans purchased but not settled | \$ 11,537 | \$ — |
| See accompanying notes to the consolidated interim financial statements. | | |

Table of Contents

NATIONAL BANK HOLDINGS CORPORATION AND SUBSIDIARIES

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Unaudited)

September 30, 2016

Note 1 Basis of Presentation

National Bank Holdings Corporation ("NBHC" or the "Company") is a bank holding company that was incorporated in the State of Delaware in June 2009 with the intent to acquire and operate financial services franchises and other complementary businesses in targeted markets. The Company is headquartered immediately south of Denver, in Greenwood Village, Colorado, and its primary operations are conducted through its wholly owned subsidiary, NBH Bank (the "Bank"), a Colorado state-chartered bank and a member of the Federal Reserve System. The Company provides a variety of banking products to both commercial and consumer clients through a network of 91 banking centers located in Colorado, the greater Kansas City area and Texas, and through on-line and mobile banking products.

The accompanying interim unaudited consolidated financial statements serve to update the National Bank Holdings Corporation Annual Report on Form 10-K for the year ended December 31, 2015 and include the accounts of the Company and the Bank and its wholly owned subsidiaries. The accompanying unaudited consolidated financial statements have been prepared in accordance with U.S. generally accepted accounting principles ("GAAP") and where applicable, with general practices in the banking industry or guidelines prescribed by bank regulatory agencies. However, they may not include all information and notes necessary to constitute a complete set of financial statements under GAAP applicable to annual periods and accordingly should be read in conjunction with the financial information contained in the Company's most recent Form 10-K. The unaudited consolidated financial statements reflect all adjustments which are, in the opinion of management, necessary for a fair statement of the results presented. All such adjustments are of a normal recurring nature. All significant intercompany balances and transactions have been eliminated in consolidation. Certain reclassifications of prior years' amounts are made whenever necessary to conform to current period presentation. During the first quarter of 2016, the Company updated the loan classifications in its allowance for loan losses model. Certain loan classifications within the consolidated financial statement disclosures have been updated to reflect this change. Refer to note 4 for further discussion. The prior period presentations have been reclassified to conform to the current period presentation. The results of operations for the interim period is not necessarily indicative of the results that may be expected for the full year or any other interim period. All amounts are in thousands, except share data, or as otherwise noted.

GAAP requires management to make estimates that affect the reported amounts of assets, liabilities, revenues and expenses, and disclosures of contingent assets and liabilities. By their nature, estimates are based on judgment and available information. Management has made significant estimates in certain areas, such as the amount and timing of expected cash flows from assets, the valuation of other real estate owned ("OREO"), the fair value adjustments on assets acquired and liabilities assumed, the valuation of core deposit intangible assets, the valuation of investment securities for other-than-temporary impairment ("OTTI"), the valuation of stock-based compensation, the fair values of financial

instruments, the allowance for loan losses (“ALL”), and contingent liabilities. Because of the inherent uncertainties associated with any estimation process and future changes in market and economic conditions, it is possible that actual results could differ significantly from these estimates.

The Company's significant accounting policies followed in the preparation of the unaudited consolidated financial statements are disclosed in note 2 of the audited financial statements and notes for the year ended December 31, 2015 and are contained in the Company's Annual Report on Form 10-K. There have not been any significant changes to the application of significant accounting policies since December 31, 2015, with the exception of the following:

Table of Contents

Loans held for sale—The Company enters into commitments to originate residential mortgage loans whereby the interest rate on the loan is determined prior to funding (i.e. interest rate lock commitments). Such interest rate lock commitments on mortgage loans to be sold in the secondary market are considered to be derivatives. To protect against the price risk inherent in residential mortgage loan commitments, the Company utilizes both "best efforts" and "mandatory delivery" forward loan sale commitments to mitigate the risk of potential increases or decreases in the values of loans that would result from the change in market rates for such loans. Under a "best efforts" contract, the Company commits to deliver an individual mortgage loan of a specified principal amount and quality to an investor and the investor commits to a price that it will purchase the loan from the Company only if the loan to the underlying borrower closes. As a result, the Company is not generally exposed to gains or losses on loans sold utilizing best efforts due to changes in underlying market interest rates between the time of the rate lock and loan sale. The market value of interest rate lock commitments and best efforts contracts are not readily ascertainable with precision because rate lock commitments and best efforts contracts are not actively traded. However, because of the high correlation between rate lock commitments and best efforts contracts offsetting market value changes, no gain or loss should occur on the interest rate lock commitments. Under a "mandatory delivery" contract, the Company commits to deliver a certain principal amount of mortgage loans to an investor at a specified price on or before a specified date. This typically happens after the loan to the underlying borrower closes. The Company manages the interest rate risk on interest rate lock commitments by entering into forward sale contracts of mortgage backed securities, whereby the Company obtains the right to deliver securities to investors in the future at a specified price. Such contracts are accounted for as derivatives and are recorded at fair value as derivative assets or liabilities. They are carried on the consolidated statements of financial condition within other assets or other liabilities and changes in fair value are recorded in other non-interest income within the consolidated statements of operations. The period of time between issuance of a loan commitment to the customer and closing of the loan to an investor generally ranges from 30 - 90 days under normal market conditions. The gross gains on loan sales are recognized based on new loan commitments with adjustment for price and pair-off activity. Commission expenses on loans held for sale are recognized based on loans closed.

Income taxes —For the three and nine months ended September 30, 2016, the Company utilized the full year forecast method to calculate its interim income tax provision. For the three and nine months ended September 30, 2015, the Company utilized the discrete effective tax rate method, as allowed by Accounting Standards codification ("ASC") 740-270-30-18, "Income Taxes-Interim Reporting," to calculate its interim income tax provision. The discrete method is applied when the application of the estimated annual effective tax rate is impractical because it is not possible to reliably estimate the annual effective tax rate. The discrete method treats the year-to-date period as if it was the annual period and determines the income tax expense or benefit on that basis. The Company believed that, at that time, the use of this discrete method was more appropriate than the annual effective tax rate method as the estimated annual effective tax rate method was not reliable due to (1) the levels of tax-exempt income in relation to pre-tax income, (2) the impact of the warrant liability which is non-taxable and (3) the impact and variability of FDIC Indemnification amortization on pre-tax income. See further discussion in note 13.

Note 2 Recent Accounting Pronouncements

Revenue from Contracts with Customers—In May 2014, the FASB issued ASU 2014-09, "Revenue from Contracts with Customers." This update supersedes revenue recognition requirements in ASC Topic 605, Revenue Recognition, including most industry-specific revenue recognition guidance in the FASB Accounting Standards Codification. The

new guidance stipulates that an entity should recognize revenue to depict the transfer of promised goods or services to customers in an amount that reflects the consideration to which the entity expects to be entitled in exchange for those goods or services. The guidance provides specific steps that entities should apply in order to achieve this principle. The amendments are effective for interim and annual periods beginning after December 15, 2017, with early application permitted for interim and annual periods beginning after December 15, 2016. ASU No. 2014-09 allows for either full retrospective or modified retrospective adoption. The Company is in the process of evaluating the impact of the ASU's adoption on the Company's consolidated financial statements. The Company has not yet selected a transition method nor has it determined the effect of the standard on its ongoing financial reporting.

Financial Instruments - Recognition and Measurement of Financial Assets and Financial Liabilities—In January 2016, the FASB issued ASU 2016-01, Financial Instruments - Recognition and Measurement of Financial Assets and Financial Liabilities (Topic 825). ASU No. 2016-01 revises the classification and measurement of investments in certain equity investments and the presentation of certain fair value changes for certain financial liabilities measured at fair value. ASU No. 2016-01 requires the change in fair value of many equity investments to be recognized in net income. ASU No. 2016-01 is effective for interim and annual periods beginning after December 15, 2017, with early adoption permitted. Adopting ASU No. 2016-01 may result in a cumulative effect adjustment to the consolidated statements of changes in shareholders' equity as of the beginning of the year of adoption. The adoption of this ASU is not expected to have a material impact on the Company's consolidated financial statements.

Table of Contents

Leases—In February 2016, the FASB issued ASU 2016-02, Leases. The guidance in ASU 2016-02 supersedes the lease recognition requirements in ASC Topic 840, Leases. The new standard establishes a right-of-use (ROU) model that requires a lessee to record a ROU asset and lease liability on the balance sheet for all leases with terms longer than 12 months. Leases will be classified as either finance or operating, with classification affecting the pattern of expense recognition in the income statements. The new standard is effective for fiscal years beginning after December 15, 2018, including interim periods within those fiscal years, with early adoption permitted. A modified retrospective transition approach is required for lessees for capital and operating leases existing at, or entered into after, the beginning of the earliest comparative period presented in the financial statements. Early adoption of the amendments in the update is permitted. The Company is in the process of evaluating the impact of the ASU's adoption on the Company's consolidated financial statements.

Improvements to Employee Share-Based Payment Accounting—In March 2016, the FASB issued ASU 2016-09, Improvements to Employee Share-Based Payment Accounting, which amends ASC Topic 718, Compensation – Stock Compensation. ASU 2016-09 simplifies several aspects of the accounting for share-based payment transactions, including the income tax consequences, classification of awards as either equity or liabilities, and classification on the statement of cash flows. ASU 2016-09 is effective for fiscal years beginning after December 15, 2016, and interim periods within those fiscal years and early adoption is permitted. The adoption of this ASU is not expected to have a material impact on the Company's consolidated financial statements.

Financial Instruments - Credit Losses—In June 2016, the FASB issued ASU 2016-13, Measurement of Credit Losses on Financial Instruments. This update replaces the current incurred loss methodology for recognizing credit losses with a current expected credit loss model, which requires the measurement of all expected credit losses for financial assets held at the reporting date based on historical experience, current conditions, and reasonable and supportable forecasts. This amendment broadens the information that an entity must consider in developing its expected credit loss estimates. Additionally, the update amends the accounting for credit losses for available-for-sale debt securities and purchased financial assets with a more-than-insignificant amount of credit deterioration since origination. This update requires enhanced disclosures to help investors and other financial statement users better understand significant estimates and judgments used in estimating credit losses, as well as the credit quality and underwriting standards of a company's loan portfolio. The amendments in this update are effective for fiscal years beginning after December 15, 2019, including interim periods within those fiscal years. Early adoption in fiscal years beginning after December 15, 2018 is permitted. The amendment requires the use of the modified retrospective approach for adoption. The Company is in the process of evaluating the impact of the ASU's adoption on the Company's consolidated financial statements.

Statement of Cash Flows—In August 2016, the FASB issued ASU 2016-15, Statement of Cash Flows: Classification of Certain Cash Receipts and Cash Payments. The update amends the guidance in ASC 230, Statement of Cash Flows, and clarifies how entities should classify certain cash receipts and cash payments on the statement of cash flows with the objective of reducing the existing diversity in practice related to eight specific cash flow items. The amendments in this update are effective for annual periods beginning after December 15, 2017, and interim periods within those fiscal years. Early adoption is permitted. The Company does not expect the adoption of ASU 2016-15 to have a material impact on its financial statements.

Note 3 Investment Securities

The Company's investment securities portfolio is comprised of available-for-sale and held-to-maturity investment securities. These investment securities totaled \$1.3 billion at September 30, 2016 and were comprised of \$1.0 billion of available-for-sale securities and \$0.3 billion of held-to-maturity securities. At December 31, 2015, investment securities totaled \$1.6 billion and were comprised of \$1.2 billion of available-for-sale securities and \$0.4 billion of held-to-maturity securities.

Table of Contents

Available-for-sale

At September 30, 2016 and December 31, 2015, the Company held \$1.0 billion and \$1.2 billion of available-for-sale investment securities, respectively. Available-for-sale investment securities are summarized as follows as of the dates indicated:

| | September 30, 2016 | | | |
|--|--------------------|---------------------------|----------------------------|------------|
| | Amortized cost | Gross unrealized gains | Gross unrealized losses | Fair value |
| Mortgage-backed securities (“MBS”): | | | | |
| Residential mortgage pass-through securities issued or guaranteed by U.S. Government agencies or sponsored enterprises | \$ 243,792 | \$ 7,446 | \$ — | \$ 251,238 |
| Other residential MBS issued or guaranteed by U.S. Government agencies or sponsored enterprises | 714,425 | 3,178 | (5,138) | 712,465 |
| Municipal securities | 4,723 | 8 | — | 4,731 |
| Other securities | 419 | — | — | 419 |
| Total | \$ 963,359 | \$ 10,632 | \$ (5,138) | \$ 968,853 |

| | December 31, 2015 | | | |
|--|-------------------|---------------------------|----------------------------|--------------|
| | Amortized cost | Gross unrealized gains | Gross unrealized losses | Fair value |
| Mortgage-backed securities (“MBS”): | | | | |
| Residential mortgage pass-through securities issued or guaranteed by U.S. Government agencies or sponsored enterprises | \$ 305,773 | \$ 5,721 | \$ (516) | \$ 310,978 |
| Other residential MBS issued or guaranteed by U.S. Government agencies or sponsored enterprises | 861,321 | 3,638 | (19,416) | 845,543 |
| Municipal securities | 306 | — | — | 306 |
| Other securities | 419 | — | — | 419 |
| Total | \$ 1,167,819 | \$ 9,359 | \$ (19,932) | \$ 1,157,246 |

At September 30, 2016 and December 31, 2015, mortgage-backed securities represented primarily all of the Company’s available-for-sale investment portfolio and all mortgage-backed securities were backed by government sponsored enterprises (“GSE”) collateral such as Federal Home Loan Mortgage Corporation (“FHLMC”) and Federal National Mortgage Association (“FNMA”), and the government sponsored agency Government National Mortgage Association (“GNMA”).

The table below summarizes the unrealized losses as of the dates shown, along with the length of the impairment period:

| | September 30, 2016 | | 12 months or more | | Total Fair value | Unrealized losses |
|--|--------------------------------------|----------------------|-------------------|----------------------|------------------------|----------------------|
| | Less than 12 months Fair value | Unrealized losses | Fair value | Unrealized losses | | |
| Mortgage-backed securities ("MBS"): | | | | | | |
| Other residential MBS issued or guaranteed by U.S. Government agencies or sponsored enterprises | \$ 86,999 | \$ (260) | \$ 417,272 | \$ (4,878) | \$ 504,271 | \$ (5,138) |
| Total | \$ 86,999 | \$ (260) | \$ 417,272 | \$ (4,878) | \$ 504,271 | \$ (5,138) |

| | December 31, 2015 | | 12 months or more | | Total Fair value | Unrealized losses |
|--|--------------------------------------|----------------------|-------------------|----------------------|------------------------|----------------------|
| | Less than 12 months Fair value | Unrealized losses | Fair value | Unrealized losses | | |
| Mortgage-backed securities ("MBS"): | | | | | | |
| Residential mortgage pass-through securities issued or guaranteed by U.S. Government agencies or sponsored enterprises | \$ 109,182 | \$ (516) | \$ — | \$ — | \$ 109,182 | \$ (516) |
| Other residential MBS issued or guaranteed by U.S. Government agencies or sponsored enterprises | 67,527 | (404) | 575,954 | (19,012) | 643,481 | (19,416) |
| Total | \$ 176,709 | \$ (920) | \$ 575,954 | \$ (19,012) | \$ 752,663 | \$ (19,932) |

Table of Contents

Management evaluated all of the available-for-sale securities in an unrealized loss position and concluded that no OTTI existed at September 30, 2016 or December 31, 2015. The unrealized losses in the Company's investments issued or guaranteed by U.S. government agencies or sponsored enterprises at September 30, 2016 were caused by changes in interest rates. The portfolio included 51 securities, having an aggregate fair value of \$504.3 million, which were in an unrealized loss position at September 30, 2016, compared to 66 securities, with a fair value of \$752.7 million, at December 31, 2015. The Company has no intention to sell these securities before recovery of their amortized cost and believes it will not be required to sell the securities before the recovery of their amortized cost.

Certain securities are pledged as collateral for public deposits, securities sold under agreements to repurchase, and to secure borrowing capacity at the Federal Reserve Bank and Federal Home Loan Bank ("FHLB"), if needed. The fair value of available-for-sale investment securities pledged as collateral totaled \$262.4 million at September 30, 2016 and \$335.8 million at December 31, 2015. The decrease in pledged available-for-sale investment securities was primarily attributable to a decrease in average deposit account balances and client repurchase account balances during the nine months ended September 30, 2016. Certain investment securities may also be pledged as collateral for the line of credit at the FHLB of Topeka; at September 30, 2016 and December 31, 2015, no securities were pledged for this purpose.

Mortgage-backed securities do not have a single maturity date and actual maturities may differ from contractual maturities depending on the repayment characteristics and experience of the underlying financial instruments. The estimated weighted average life of the available-for-sale mortgage-backed securities portfolio was 3.0 years as of September 30, 2016 and 3.6 years as of December 31, 2015. This estimate is based on assumptions and actual results may differ. At September 30, 2016 and December 31, 2015, the duration of the total available-for-sale investment portfolio was 2.9 years and 3.4 years, respectively.

As of September 30, 2016, municipal securities with an amortized cost and fair value of \$3.7 million were due after one year through five years, while municipal securities with an amortized cost and fair value of \$1.0 million were due after five years through ten years. Other securities of \$0.4 million as of September 30, 2016, have no stated contractual maturity date.

Held-to-maturity

At September 30, 2016 and December 31, 2015, the Company held \$355.4 million and \$427.5 million of held-to-maturity investment securities, respectively. Held-to-maturity investment securities are summarized as follows as of the dates indicated:

September 30, 2016

Edgar Filing: National Bank Holdings Corp - Form 10-Q

| | Amortized cost | Gross unrealized gains | Gross unrealized losses | Fair value |
|--|-------------------|------------------------------|-------------------------------|------------|
| Mortgage-backed securities (“MBS”): | | | | |
| Residential mortgage pass-through securities issued or guaranteed by U.S. Government agencies or sponsored enterprises | \$ 281,536 | \$ 5,312 | \$ — | \$ 286,848 |
| Other residential MBS issued or guaranteed by U.S. Government agencies or sponsored enterprises | 73,891 | 313 | (366) | 73,838 |
| Total investment securities held-to-maturity | \$ 355,427 | \$ 5,625 | \$ (366) | \$ 360,686 |

| | December 31, 2015 | | | |
|--|-------------------|------------------------------|-------------------------------|------------|
| | Amortized cost | Gross unrealized gains | Gross unrealized losses | Fair value |
| Mortgage-backed securities (“MBS”): | | | | |
| Residential mortgage pass-through securities issued or guaranteed by U.S. Government agencies or sponsored enterprises | \$ 340,131 | \$ 2,911 | \$ (230) | \$ 342,812 |
| Other residential MBS issued or guaranteed by U.S. Government agencies or sponsored enterprises | 87,372 | 35 | (1,634) | 85,773 |
| Total investment securities held-to-maturity | \$ 427,503 | \$ 2,946 | \$ (1,864) | \$ 428,585 |

Table of Contents

The table below summarizes the unrealized losses as of the dates shown, along with the length of the impairment period:

| | September 30, 2016 | | | | | |
|---|---------------------|-------------------|-------------------|-------------------|------------|-------------------|
| | Less than 12 months | | 12 months or more | | Total | |
| | Fair Value | Unrealized Losses | Fair Value | Unrealized Losses | Fair Value | Unrealized Losses |
| Mortgage-backed securities (“MBS”): | | | | | | |
| Other residential MBS issued or guaranteed by U.S. Government agencies or sponsored enterprises | \$ 5,593 | \$ (21) | \$ 34,946 | \$ (345) | \$ 40,539 | \$ (366) |
| Total | \$ 5,593 | \$ (21) | \$ 34,946 | \$ (345) | \$ 40,539 | \$ (366) |

| | December 31, 2015 | | | | | |
|--|---------------------|-------------------|-------------------|-------------------|------------|-------------------|
| | Less than 12 months | | 12 months or more | | Total | |
| | Fair Value | Unrealized Losses | Fair Value | Unrealized Losses | Fair Value | Unrealized Losses |
| Mortgage-backed securities (“MBS”): | | | | | | |
| Residential mortgage pass-through securities issued or guaranteed by U.S. Government agencies or sponsored enterprises | \$ 34,641 | \$ (205) | \$ 853 | \$ (25) | \$ 35,494 | \$ (230) |
| Other residential MBS issued or guaranteed by U.S. Government agencies or sponsored enterprises | 28,490 | (180) | 45,872 | (1,454) | 74,362 | (1,634) |
| Total | \$ 63,131 | \$ (385) | \$ 46,725 | \$ (1,479) | \$ 109,856 | \$ (1,864) |

The portfolio included five securities, having an aggregate fair value of \$40.5 million, which were in an unrealized loss position at September 30, 2016, compared to twelve securities, with a fair value of \$109.9 million, at December 31, 2015.

Management evaluated all of the held-to-maturity securities in an unrealized loss position and concluded that no OTTI existed at September 30, 2016 or December 31, 2015. The unrealized losses in the Company's investments issued or guaranteed by U.S. government agencies or sponsored enterprises at September 30, 2016 were caused by changes in interest rates. The Company has no intention to sell these securities before recovery of their amortized cost and believes it will not be required to sell the securities before the recovery of their amortized cost.

The carrying value of held-to-maturity investment securities pledged as collateral totaled \$163.4 million and \$156.5 million at September 30, 2016 and December 31, 2015, respectively.

Actual maturities of mortgage-backed securities may differ from scheduled maturities depending on the repayment characteristics and experience of the underlying financial instruments. The estimated weighted average expected life of the held-to-maturity mortgage-backed securities portfolio as of September 30, 2016 and December 31, 2015 was 3.1 years and 3.7 years, respectively. This estimate is based on assumptions and actual results may differ. The duration of the total held-to-maturity investment portfolio was 2.9 years and 3.4 years as of September 30, 2016 and December 31, 2015, respectively.

Note 4 Loans

The loan portfolio is comprised of loans originated by the Company and loans that were acquired in connection with the Company's acquisitions.

Table of Contents

The table below shows the loan portfolio composition including carrying value by segment of loans accounted for under ASC Topic 310-30, Receivables—Loans and Debt Securities Acquired with Deteriorated Credit Quality, and loans not accounted for under this guidance, which includes our originated loans. The carrying value of loans is net of discounts, fees and costs on loans excluded from ASC 310-30 of \$6.9 million and \$8.1 million as of September 30, 2016 and December 31, 2015, respectively:

| | September 30, 2016 | | Total loans | % of total |
|---|--------------------|----------------------|--------------|------------|
| | ASC 310-30 loans | Non-ASC 310-30 loans | | |
| Commercial | \$ 43,339 | \$ 1,477,267 | \$ 1,520,606 | 53.9% |
| Commercial real estate non-owner occupied | 95,487 | 453,248 | 548,735 | 19.4% |
| Residential real estate | 17,654 | 706,791 | 724,445 | 25.7% |
| Consumer | 1,183 | 27,586 | 28,769 | 1.0% |
| Total | \$ 157,663 | \$ 2,664,892 | \$ 2,822,555 | 100.0% |

| | December 31, 2015 | | Total loans | % of total |
|---|-------------------|----------------------|--------------|------------|
| | ASC 310-30 loans | Non-ASC 310-30 loans | | |
| Commercial | \$ 57,474 | \$ 1,369,946 | \$ 1,427,420 | 55.2% |
| Commercial real estate non-owner occupied | 121,173 | 321,712 | 442,885 | 17.1% |
| Residential real estate | 21,452 | 662,550 | 684,002 | 26.4% |
| Consumer | 2,731 | 30,635 | 33,366 | 1.3% |
| Total | \$ 202,830 | \$ 2,384,843 | \$ 2,587,673 | 100.0% |

Delinquency for loans excluded from ASC 310-30 is shown in the following tables at September 30, 2016 and December 31, 2015, respectively:

| | Total Loans September 30, 2016 | | | | | Total Non 310-30 loans | Loans > 90 days past | |
|--|--------------------------------|-----------------------|------------------------------------|---------------|--------------|---------------------------------|------------------------------|--------------------------|
| | 30-59 days past | 60-89 days past | Greater than 90 days past | Total past | Current | | due and still accruing | Non- still accrual |
| Loans excluded from ASC 310-30: | | | | | | | | |
| Commercial: | | | | | | | | |
| Commercial and industrial Owner occupied | \$ 289 | \$ 7 | \$ 1,159 | \$ 1,455 | \$ 1,042,089 | \$ 1,043,544 | \$ 25 | \$ 2,129 |
| commercial real estate | 192 | — | 330 | 522 | 213,464 | 213,986 | 271 | 412 |

Edgar Filing: National Bank Holdings Corp - Form 10-Q

| | | | | | | | | |
|---|----------|--------|----------|-----------|--------------|--------------|--------|-----------|
| Agriculture | 196 | — | 223 | 419 | 132,690 | 133,109 | — | 1,939 |
| Energy | 3,018 | — | 7,063 | 10,081 | 76,547 | 86,628 | — | 13,313 |
| Total Commercial | 3,695 | 7 | 8,775 | 12,477 | 1,464,790 | 1,477,267 | 296 | 17,793 |
| Commercial real estate non-owner occupied: | | | | | | | | |
| Construction | — | 273 | — | 273 | 76,355 | 76,628 | — | — |
| Acquisition/development | — | — | — | — | 9,743 | 9,743 | — | — |
| Multifamily | — | — | — | — | 20,228 | 20,228 | — | — |
| Non-owner occupied | — | — | 28 | 28 | 346,621 | 346,649 | — | 68 |
| Total commercial real estate | — | 273 | 28 | 301 | 452,947 | 453,248 | — | 68 |
| Residential real estate: | | | | | | | | |
| Senior lien | 237 | 265 | 693 | 1,195 | 651,514 | 652,709 | 131 | 3,745 |
| Junior lien | 306 | 9 | 24 | 339 | 53,743 | 54,082 | — | 670 |
| Total residential real estate | 543 | 274 | 717 | 1,534 | 705,257 | 706,791 | 131 | 4,415 |
| Consumer | 53 | 39 | 1 | 93 | 27,493 | 27,586 | 1 | 202 |
| Total loans excluded from ASC 310-30 | \$ 4,291 | \$ 593 | \$ 9,521 | \$ 14,405 | \$ 2,650,487 | \$ 2,664,892 | \$ 428 | \$ 22,478 |

Table of Contents

| | Total Loans December 31, 2015 | | | | | Total Non 310-30 loans | Loans > 90 days past | |
|---|-------------------------------|------------------------------|--|----------------------|--------------|---------------------------------|------------------------------|--------------------------|
| | 30-59 days past due | 60-89 days past due | Greater than 90 days past due | Total past due | Current | | due and still accruing | Non- still accrual |
| Loans excluded from ASC 310-30: | | | | | | | | |
| Commercial: | | | | | | | | |
| Commercial and industrial Owner occupied | \$ 2,252 | \$ 238 | \$ 49 | \$ 2,539 | \$ 890,350 | \$ 892,889 | \$ — | \$ 4,830 |
| commercial real estate | 370 | 111 | 66 | 547 | 184,072 | 184,619 | — | 1,273 |
| Agriculture | 441 | 58 | 1,222 | 1,721 | 143,837 | 145,558 | — | 1,984 |
| Energy | 23 | 5,781 | — | 5,804 | 141,076 | 146,880 | — | 12,008 |
| Total Commercial | 3,086 | 6,188 | 1,337 | 10,611 | 1,359,335 | 1,369,946 | — | 20,095 |
| Commercial real estate non-owner occupied: | | | | | | | | |
| Construction | 359 | 188 | — | 547 | 29,596 | 30,143 | — | 188 |
| Acquisition/development | — | — | — | — | 5,575 | 5,575 | — | — |
| Multifamily | — | 38 | 22 | 60 | 9,813 | 9,873 | — | 22 |
| Non-owner occupied | 2,340 | 182 | 968 | 3,490 | 272,631 | 276,121 | — | 1,013 |
| Total commercial real estate | 2,699 | 408 | 990 | 4,097 | 317,615 | 321,712 | — | 1,223 |
| Residential real estate: | | | | | | | | |
| Senior lien | 1,909 | 911 | 1,481 | 4,301 | 610,192 | 614,493 | 124 | 3,713 |
| Junior lien | 299 | 237 | 194 | 730 | 47,327 | 48,057 | 6 | 584 |
| Total residential real estate | 2,208 | 1,148 | 1,675 | 5,031 | 657,519 | 662,550 | 130 | 4,297 |
| Consumer | 239 | 26 | 38 | 303 | 30,332 | 30,635 | 36 | 32 |
| Total loans excluded from ASC 310-30 | \$ 8,232 | \$ 7,770 | \$ 4,040 | \$ 20,042 | \$ 2,364,801 | \$ 2,384,843 | \$ 166 | \$ 25,647 |

Loans are considered past due or delinquent when the contractual principal or interest due in accordance with the terms of the loan agreement remains unpaid after the due date of the scheduled payment. Pooled loans accounted for under ASC 310-30 that are 90 days or more past due and still accruing are generally considered to be performing and are included in loans 90 days or more past due and still accruing. Non-accrual loans include troubled debt restructurings on non-accrual status.

Non-accrual loans excluded from the scope of ASC 310-30 totaled \$22.5 million at September 30, 2016, decreasing \$3.2 million, or 12.4%, from \$25.6 million at December 31, 2015. The change was driven by decreases of \$2.7 million in the commercial and industrial sector due to charge-offs throughout the year and other net decreases of \$1.8 million, offset by a net increase of \$1.3 million in the energy sector at September 30, 2016.

Table of Contents

Credit exposure for all loans as determined by the Company's internal risk rating system was as follows as of September 30, 2016 and December 31, 2015, respectively:

| | Total Loans September 30, 2016 | | | | |
|---|--------------------------------|--------------------|-------------|----------|--------------|
| | Pass | Special mention | Substandard | Doubtful | Total |
| Loans excluded from ASC 310-30: | | | | | |
| Commercial: | | | | | |
| Commercial and industrial | \$ 1,011,069 | \$ 21,697 | \$ 10,778 | \$ — | \$ 1,043,544 |
| Owner occupied commercial real estate | 193,054 | 15,902 | 5,030 | — | 213,986 |
| Agriculture | 121,159 | 9,713 | 2,237 | — | 133,109 |
| Energy | 57,208 | 16,107 | 8,878 | 4,435 | 86,628 |
| Total Commercial | 1,382,490 | 63,419 | 26,923 | 4,435 | 1,477,267 |
| Commercial real estate non-owner occupied: | | | | | |
| Construction | 76,112 | 139 | 377 | — | 76,628 |
| Acquisition/development | 7,168 | 2,575 | — | — | 9,743 |
| Multifamily | 17,984 | 2,244 | — | — | 20,228 |
| Non-owner occupied | 333,244 | 6,141 | 7,264 | — | 346,649 |
| Total commercial real estate | 434,508 | 11,099 | 7,641 | — | 453,248 |
| Residential real estate: | | | | | |
| Senior lien | 647,876 | 259 | 4,574 | — | 652,709 |
| Junior lien | 52,453 | 218 | 1,411 | — | 54,082 |
| Total residential real estate | 700,329 | 477 | 5,985 | — | 706,791 |
| Consumer | 27,317 | 60 | 209 | — | 27,586 |
| Total loans excluded from ASC 310-30 | \$ 2,544,644 | \$ 75,055 | \$ 40,758 | \$ 4,435 | \$ 2,664,892 |
| Loans accounted for under ASC 310-30: | | | | | |
| Commercial | \$ 30,071 | \$ 816 | \$ 12,452 | \$ — | \$ 43,339 |
| Commercial real estate non-owner occupied | 40,497 | 330 | 50,448 | 4,212 | 95,487 |
| Residential real estate | 13,409 | 1,511 | 2,734 | — | 17,654 |
| Consumer | 1,003 | 22 | 158 | — | 1,183 |
| Total loans accounted for under ASC 310-30 | \$ 84,980 | \$ 2,679 | \$ 65,792 | \$ 4,212 | \$ 157,663 |
| Total loans | \$ 2,629,624 | \$ 77,734 | \$ 106,550 | \$ 8,647 | \$ 2,822,555 |

| | Total Loans December 31, 2015 | | | | |
|---------------------------------|-------------------------------|--------------------|-------------|----------|------------|
| | Pass | Special mention | Substandard | Doubtful | Total |
| Loans excluded from ASC 310-30: | | | | | |
| Commercial: | | | | | |
| Commercial and industrial | \$ 865,840 | \$ 8,363 | \$ 16,769 | \$ 1,917 | \$ 892,889 |

Edgar Filing: National Bank Holdings Corp - Form 10-Q

| | | | | | |
|--|--------------|-----------|------------|----------|--------------|
| Owner occupied commercial real estate | 174,108 | 5,595 | 4,916 | — | 184,619 |
| Agriculture | 132,450 | 2,440 | 10,668 | — | 145,558 |
| Energy | 92,152 | 36,503 | 16,098 | 2,127 | 146,880 |
| Total Commercial | 1,264,550 | 52,901 | 48,451 | 4,044 | 1,369,946 |
| Commercial real estate non-owner occupied: | | | | | |
| Construction | 24,686 | 4,882 | 575 | — | 30,143 |
| Acquisition/development | 5,066 | 509 | — | — | 5,575 |
| Multifamily | 9,851 | — | 22 | — | 9,873 |
| Non-owner occupied | 262,035 | 8,091 | 5,722 | 273 | 276,121 |
| Total commercial real estate | 301,638 | 13,482 | 6,319 | 273 | 321,712 |
| Residential real estate: | | | | | |
| Senior lien | 609,196 | 349 | 4,921 | 27 | 614,493 |
| Junior lien | 46,437 | 252 | 1,368 | — | 48,057 |
| Total residential real estate | 655,633 | 601 | 6,289 | 27 | 662,550 |
| Consumer | 30,483 | 67 | 85 | — | 30,635 |
| Total loans excluded from ASC 310-30 | \$ 2,252,304 | \$ 67,051 | \$ 61,144 | \$ 4,344 | \$ 2,384,843 |
| Loans accounted for under ASC 310-30: | | | | | |
| Commercial | \$ 35,384 | \$ 787 | \$ 21,303 | \$ — | \$ 57,474 |
| Commercial real estate non-owner occupied | 49,817 | 352 | 67,235 | 3,769 | 121,173 |
| Residential real estate | 16,960 | 1,604 | 2,888 | — | 21,452 |
| Consumer | 2,296 | 94 | 341 | — | 2,731 |
| Total loans accounted for under ASC 310-30 | \$ 104,457 | \$ 2,837 | \$ 91,767 | \$ 3,769 | \$ 202,830 |
| Total loans | \$ 2,356,761 | \$ 69,888 | \$ 152,911 | \$ 8,113 | \$ 2,587,673 |

Table of Contents

The Company's energy sector substandard and doubtful loans excluded from ASC 310-30 totaled \$13.3 million and \$18.2 million at September 30, 2016 and December 31, 2015, respectively. The decrease of \$4.9 million was driven primarily by two loan relationships with balances of \$11.4 million at December 31, 2015, which were charged-off during the second and third quarter of 2016, offset by increases of \$6.3 million related to two loan relationships placed on non-accrual during 2016. Non 310-30 special mention loans within the commercial and industrial sector increased from December 31, 2015, largely due to downgrades to special mention of three loan relationships totaling \$15.8 million, offset by a downgrade from special mention to substandard for one loan relationship of \$4.1 million during the nine months ended September 30, 2016. Non 310-30 special mention loans within the agriculture sector increased from December 31, 2015, largely due to one loan relationship downgraded to special mention during the third quarter of 2016 totaling \$9.0 million, offset by a downgrade to substandard of one loan relationship totaling \$1.6 million at December 31, 2015.

Impaired Loans

Loans are considered to be impaired when it is probable that the Company will not be able to collect all amounts due in accordance with the contractual terms of the loan agreement. Impaired loans are comprised of loans excluded from ASC 310-30 on non-accrual status, loans in bankruptcy, and troubled debt restructurings ("TDRs") described below. If a specific allowance is warranted based on the borrower's overall financial condition, the specific allowance is calculated based on discounted cash flows using the loan's initial contractual effective interest rate or the fair value of the collateral less selling costs for collateral dependent loans. At September 30, 2016, the Company measured \$24.9 million of impaired loans based on the fair value of the collateral less selling costs and \$2.3 million of impaired loans using discounted cash flows and the loan's initial contractual effective interest rate. Impaired loans totaling \$8.2 million that individually were less than \$250 thousand each, were measured through the general ALL reserves due to their relatively small size.

At September 30, 2016 and December 31, 2015, the Company's recorded investments in impaired loans were \$35.4 million and \$37.4 million, respectively. Impaired loans at September 30, 2016 were primarily comprised of eight relationships totaling \$22.5 million. Three of the relationships were in the energy sector, four of the relationships were in the commercial and industrial sector, and one relationship was in the agricultural sector. The three energy relationships were on non-accrual status at September 30, 2016. Impaired loans had a collective related allowance for loan losses allocated to them of \$1.5 million and \$4.4 million at September 30, 2016 and December 31, 2015, respectively.

Table of Contents

Additional information regarding impaired loans at September 30, 2016 and December 31, 2015 is set forth in the table below:

| | Impaired Loans September 30, 2016 | | | December 31, 2015 | | |
|--|--------------------------------------|------------------------|--|--------------------------------|------------------------|--|
| | Unpaid principal balance | Recorded investment | Allowance for loan losses allocated | Unpaid principal balance | Recorded investment | Allowance for loan losses allocated |
| With no related allowance recorded: | | | | | | |
| Commercial: | | | | | | |
| Commercial and industrial | \$ 10,309 | \$ 9,166 | \$ — | \$ 4,997 | \$ 4,995 | \$ — |
| Owner occupied commercial real estate | 1,658 | 1,504 | — | 2,218 | 2,150 | — |
| Agriculture | 1,859 | 1,845 | — | 1,877 | 1,878 | — |
| Energy | 22,546 | 6,890 | — | 5,815 | 5,749 | — |
| Total commercial | 36,372 | 19,405 | — | 14,906 | 14,772 | — |
| Commercial real estate non-owner occupied: | | | | | | |
| Construction | — | — | — | 190 | 188 | — |
| Acquisition/development | — | — | — | — | — | — |
| Multifamily | — | — | — | — | — | — |
| Non-owner occupied | 410 | 358 | — | 154 | 153 | — |
| Total commercial real estate | 410 | 358 | — | 344 | 341 | — |
| Residential real estate: | | | | | | |
| Senior lien | 1,668 | 1,543 | — | 947 | 941 | — |
| Junior lien | 55 | 53 | — | 113 | 112 | — |
| Total residential real estate | 1,723 | 1,596 | — | 1,060 | 1,052 | — |
| Consumer | 5 | 5 | — | — | — | — |
| Total impaired loans with no related allowance recorded | \$ 38,510 | \$ 21,364 | \$ — | \$ 16,311 | \$ 16,165 | \$ — |
| With a related allowance recorded: | | | | | | |
| Commercial: | | | | | | |
| Commercial and industrial | \$ 41 | \$ 34 | \$ — | \$ 4,537 | \$ 4,503 | \$ 1,918 |
| Owner occupied commercial real estate | 1,098 | 733 | 3 | 1,272 | 1,117 | 2 |
| Agriculture | 221 | 176 | — | 254 | 248 | 1 |
| Energy | 6,423 | 6,423 | 1,459 | 6,279 | 6,260 | 2,127 |
| Total commercial | 7,783 | 7,366 | 1,462 | 12,342 | 12,128 | 4,048 |
| Commercial real estate non-owner occupied: | | | | | | |
| Construction | — | — | — | — | — | — |
| Acquisition/development | — | — | — | — | — | — |
| Multifamily | 34 | 34 | — | 61 | 59 | — |
| Non-owner occupied | 267 | 262 | 1 | 1,642 | 1,630 | 274 |
| Total commercial real estate | 301 | 296 | 1 | 1,703 | 1,689 | 274 |
| Residential real estate: | | | | | | |
| Senior lien | 5,074 | 4,497 | 20 | 5,827 | 5,701 | 54 |

Edgar Filing: National Bank Holdings Corp - Form 10-Q

| | | | | | | |
|--|-----------|-----------|----------|-----------|-----------|----------|
| Junior lien | 1,991 | 1,682 | 14 | 1,800 | 1,593 | 11 |
| Total residential real estate | 7,065 | 6,179 | 34 | 7,627 | 7,294 | 65 |
| Consumer | 209 | 206 | 2 | 86 | 86 | 1 |
| Total impaired loans with a related allowance recorded | \$ 15,358 | \$ 14,047 | \$ 1,499 | \$ 21,758 | \$ 21,198 | \$ 4,388 |
| Total impaired loans | \$ 53,868 | \$ 35,411 | \$ 1,499 | \$ 38,069 | \$ 37,363 | \$ 4,388 |

18

Table of Contents

The table below shows additional information regarding the average recorded investment and interest income recognized on impaired loans for the periods presented:

| | For the three months ended | | | |
|---|-----------------------------|----------------------------|-----------------------------|----------------------------|
| | September 30, 2016 | | September 30, 2015 | |
| | Average recorded investment | Interest income recognized | Average recorded investment | Interest income recognized |
| With no related allowance recorded: | | | | |
| Commercial: | | | | |
| Commercial and industrial | \$ 9,589 | \$ 39 | \$ 15,234 | \$ 266 |
| Owner occupied commercial real estate | 1,513 | 22 | 1,605 | 24 |
| Agriculture | 1,845 | — | 1,978 | — |
| Energy | 17,142 | — | 5,363 | — |
| Total Commercial | 30,089 | 61 | 24,180 | 290 |
| Commercial real estate non-owner occupied: | | | | |
| Construction | — | — | — | — |
| Acquisition/development | — | — | — | — |
| Multifamily | — | — | — | — |
| Non-owner occupied | 363 | 6 | 829 | — |
| Total commercial real estate | 363 | 6 | 829 | — |
| Residential real estate: | | | | |
| Senior lien | 1,555 | 5 | 306 | 4 |
| Junior lien | 53 | — | — | — |
| Total residential real estate | 1,608 | 5 | 306 | 4 |
| Consumer | 5 | — | — | — |
| Total impaired loans with no related allowance recorded | \$ 32,065 | \$ 72 | \$ 25,315 | \$ 294 |
| With a related allowance recorded: | | | | |
| Commercial: | | | | |
| Commercial and industrial | \$ 35 | \$ — | \$ 8,313 | \$ — |
| Owner occupied commercial real estate | 730 | 8 | 1,208 | 7 |
| Agriculture | 176 | 1 | 249 | 1 |
| Energy | 6,436 | — | 6,690 | — |
| Total Commercial | 7,377 | 9 | 16,459 | 8 |
| Commercial real estate non-owner occupied: | | | | |
| Construction | — | — | — | — |
| Acquisition/development | — | — | — | — |
| Multifamily | 34 | — | 38 | — |
| Non-owner occupied | 265 | 3 | 830 | 13 |
| Total commercial real estate | 299 | 3 | 868 | 13 |
| Residential real estate: | | | | |
| Senior lien | 4,508 | 25 | 6,486 | 31 |
| Junior lien | 1,696 | 16 | 1,448 | 13 |
| Total residential real estate | 6,204 | 41 | 7,934 | 44 |
| Consumer | 209 | — | 79 | — |
| Total impaired loans with a related allowance recorded | \$ 14,089 | \$ 53 | \$ 25,340 | \$ 65 |

| | | | | |
|----------------------|-----------|--------|-----------|--------|
| Total impaired loans | \$ 46,154 | \$ 125 | \$ 50,656 | \$ 359 |
|----------------------|-----------|--------|-----------|--------|

Table of Contents

| | For the nine months ended | | | |
|---|-----------------------------|----------------------------|-----------------------------|----------------------------|
| | September 30, 2016 | | September 30, 2015 | |
| | Average recorded investment | Interest income recognized | Average recorded investment | Interest income recognized |
| With no related allowance recorded: | | | | |
| Commercial: | | | | |
| Commercial and industrial | \$ 10,511 | \$ 177 | \$ 15,837 | \$ 772 |
| Owner occupied commercial real estate | 1,539 | 70 | 1,635 | 59 |
| Agriculture | 1,845 | — | 1,978 | — |
| Energy | 20,327 | — | 5,363 | — |
| Total Commercial | 34,222 | 247 | 24,813 | 831 |
| Commercial real estate non-owner occupied: | | | | |
| Construction | — | — | — | — |
| Acquisition/development | — | — | — | — |
| Multifamily | — | — | — | — |
| Non-owner occupied | 376 | 16 | 829 | — |
| Total commercial real estate | 376 | 16 | 829 | — |
| Residential real estate: | | | | |
| Senior lien | 1,578 | 16 | 312 | 12 |
| Junior lien | 54 | 1 | — | — |
| Total residential real estate | 1,632 | 17 | 312 | 12 |
| Consumer | 5 | — | — | — |
| Total impaired loans with no related allowance recorded | \$ 36,235 | \$ 280 | \$ 25,954 | \$ 843 |
| With a related allowance recorded: | | | | |
| Commercial: | | | | |
| Commercial and industrial | \$ 44 | \$ — | \$ 8,367 | \$ 1 |
| Owner occupied commercial real estate | 761 | 15 | 1,260 | 20 |
| Agriculture | 178 | 4 | 345 | 3 |
| Energy | 6,377 | — | 6,729 | 71 |
| Total Commercial | 7,360 | 19 | 16,701 | 95 |
| Commercial real estate non-owner occupied: | | | | |
| Construction | — | — | — | — |
| Acquisition/development | — | — | — | — |
| Multifamily | 35 | 1 | 39 | 1 |
| Non-owner occupied | 272 | 11 | 852 | 39 |
| Total commercial real estate | 307 | 12 | 891 | 40 |
| Residential real estate: | | | | |
| Senior lien | 4,620 | 70 | 6,621 | 89 |
| Junior lien | 1,733 | 47 | 1,478 | 39 |
| Total residential real estate | 6,353 | 117 | 8,099 | 128 |
| Consumer | 212 | — | 82 | 1 |
| Total impaired loans with a related allowance recorded | \$ 14,232 | \$ 148 | \$ 25,773 | \$ 264 |
| Total impaired loans | \$ 50,467 | \$ 428 | \$ 51,727 | \$ 1,107 |

Interest income recognized on impaired loans noted in the table above primarily represents interest earned on accruing troubled debt restructurings. Interest income recognized on impaired loans using the cash-basis method of accounting during the three months ended September 30, 2016 and 2015 was \$0.1 million and \$0.4 million, respectively. Interest income recognized on impaired loans using the cash-basis method of accounting during the nine months ended September 30, 2016 and 2015 was \$0.4 million and \$1.1 million, respectively.

Table of Contents

Troubled debt restructurings

It is the Company's policy to review each prospective credit in order to determine the appropriateness and the adequacy of security or collateral prior to making a loan. In the event of borrower default, the Company seeks recovery in compliance with lending laws, the respective loan agreements, and credit monitoring and remediation procedures that may include restructuring a loan to provide a concession by the Company to the borrower from their original terms due to borrower financial difficulties in order to facilitate repayment. Additionally, if a borrower's repayment obligation has been discharged by a court, and that debt has not been reaffirmed by the borrower, regardless of past due status, the loan is considered to be a TDR. At September 30, 2016 and December 31, 2015, the Company had \$8.8 million and \$8.4 million, respectively, of accruing TDRs that had been restructured from the original terms in order to facilitate repayment.

Non-accruing TDRs at September 30, 2016 and December 31, 2015 totaled \$12.0 million and \$17.8 million, respectively.

During the nine months ended September 30, 2016, the Company restructured 15 loans with a recorded investment of \$12.4 million to facilitate repayment. Substantially all of the loan modifications were a reduction of the principal payment, a reduction in interest rate, or an extension of term. Loan modifications to loans accounted for under ASC 310-30 are not considered TDRs. The table below provides additional information related to accruing TDRs at September 30, 2016 and December 31, 2015:

| | Accruing TDRs September 30, 2016 | | Unpaid principal balance | Unfunded commitments to fund TDRs |
|---|---|------------------------|--------------------------------|---|
| | Recorded year-to-date recorded investment | Average investments | | |
| Commercial | \$ 6,156 | \$ 6,215 | \$ 6,237 | \$ — |
| Commercial real estate non-owner occupied | 558 | 582 | 610 | — |
| Residential real estate | 2,058 | 2,116 | 2,108 | 2 |
| Consumer | 8 | 9 | 8 | — |
| Total | \$ 8,780 | \$ 8,922 | \$ 8,963 | \$ 2 |

Accruing TDRs

Edgar Filing: National Bank Holdings Corp - Form 10-Q

| | December 31, 2015 | | Unpaid principal balance | Unfunded commitments to fund TDRs |
|---|-----------------------------------|------------------------------|--------------------------|-----------------------------------|
| | Recorded year-to-date investments | Average recorded investments | | |
| Commercial | \$ 5,874 | \$ 5,951 | \$ 5,918 | \$ 163 |
| Commercial real estate non-owner occupied | 388 | 394 | 389 | — |
| Residential real estate | 2,162 | 2,234 | 2,166 | 2 |
| Consumer | 12 | 15 | 12 | — |
| Total | \$ 8,436 | \$ 8,594 | \$ 8,485 | \$ 165 |

The following table summarizes the Company's carrying value of non-accrual TDRs as of September 30, 2016 and December 31, 2015:

| | Non - Accruing TDRs | |
|---|---------------------|-------------------|
| | September 30, 2016 | December 31, 2015 |
| Commercial | \$ 10,708 | \$ 16,297 |
| Commercial real estate non-owner occupied | — | 816 |
| Residential real estate | 1,163 | 678 |
| Consumer | 177 | 2 |
| Total | \$ 12,048 | \$ 17,793 |

Accrual of interest is resumed on loans that were on non-accrual only after the loan has performed sufficiently. The Company had three TDRs that were modified within the past twelve months and had defaulted on their restructured terms during the three months ended September 30, 2016, and five TDRs that were modified within the past twelve months and had defaulted on their restructured terms during the nine months ended September 30, 2016. The defaulted TDRs consisted of one energy sector loan totaling \$3.0 million, three residential loans totaling \$0.4 million, and one commercial real estate loan totaling \$0.2 million. The allowance for loan losses related to troubled debt restructurings on non-accrual status is determined by individual evaluation, including collateral adequacy, using the same process as loans on non-accrual status which are not classified as troubled debt restructurings.

Table of Contents

During the three and nine months ended September 30, 2015, the Company had no TDRs that had been modified within the past 12 months that defaulted on their restructured terms.

Loans accounted for under ASC Topic 310-30

Loan pools accounted for under ASC Topic 310-30 are periodically remeasured to determine expected future cash flows. In determining the expected cash flows, the timing of cash flows and prepayment assumptions for smaller homogeneous loans are based on statistical models that take into account factors such as the loan interest rate, credit profile of the borrowers, the years in which the loans were originated, and whether the loans are fixed or variable rate loans. Prepayments may be assumed on loans if circumstances specific to that loan warrant a prepayment assumption. The re-measurement of loans accounted for under ASC 310-30 resulted in the following changes in the carrying amount of accretable yield during the nine months ended September 30, 2016 and 2015:

| | September 30, 2016 | September 30, 2015 |
|---|--------------------|--------------------|
| Accretable yield beginning balance | \$ 84,194 | \$ 113,463 |
| Reclassification from non-accretable difference | 10,611 | 19,025 |
| Reclassification to non-accretable difference | (4,479) | (3,745) |
| Accretion | (26,653) | (35,728) |
| Accretable yield ending balance | \$ 63,673 | \$ 93,015 |

Below is the composition of the net book value for loans accounted for under ASC 310-30 at September 30, 2016 and December 31, 2015:

| | September 30, 2016 | December 31, 2015 |
|--------------------------------------|--------------------|-------------------|
| Contractual cash flows | \$ 556,025 | \$ 627,843 |
| Non-accretable difference | (334,689) | (340,819) |
| Accretable yield | (63,673) | (84,194) |
| Loans accounted for under ASC 310-30 | \$ 157,663 | \$ 202,830 |

Note 5 Allowance for Loan Losses

The tables below detail the Company's allowance for loan losses ("ALL") and recorded investment in loans as of and for the three and nine months ended September 30, 2016 and 2015:

| | Three months ended September 30, 2016 | | | | |
|------------------------------|---------------------------------------|--|----------------------------|----------|-----------|
| | Commercial | Non-owner occupied commercial real estate | Residential real estate | Consumer | Total |
| Beginning balance | \$ 29,982 | \$ 5,368 | \$ 4,504 | \$ 252 | \$ 40,106 |
| Non 310-30 beginning balance | 29,980 | 5,157 | 4,504 | 234 | 39,875 |
| Charge-offs | (17,204) | — | (166) | (170) | (17,540) |
| Recoveries | 19 | 8 | 84 | 57 | 168 |
| Provision | 5,112 | 178 | (177) | 162 | 5,275 |
| Non 310-30 ending balance | 17,907 | 5,343 | 4,245 | 283 | 27,778 |
| ASC 310-30 beginning balance | 2 | 211 | — | 18 | 231 |
| Charge-offs | — | — | — | (6) | (6) |
| Recoveries | — | — | — | — | — |
| Provision (recoupment) | 27 | 3 | — | (12) | 18 |
| ASC 310-30 ending balance | 29 | 214 | — | — | 243 |
| Ending balance | \$ 17,936 | \$ 5,557 | \$ 4,245 | \$ 283 | \$ 28,021 |

Table of Contents

| | Three months ended September 30, 2015 | | | | |
|------------------------------|---------------------------------------|-------------|-------------|----------|-----------|
| | Non-owner occupied commercial | | Residential | Consumer | Total |
| | Commercial real estate | real estate | real estate | | |
| Beginning balance | \$ 12,216 | \$ 2,963 | \$ 4,649 | \$ 413 | \$ 20,241 |
| Non 310-30 beginning balance | 11,584 | 2,837 | 4,647 | 408 | 19,476 |
| Charge-offs | (12) | — | (26) | (174) | (212) |
| Recoveries | 8 | 10 | 18 | 52 | 88 |
| Provision | 3,324 | (21) | 192 | 105 | 3,600 |
| Non 310-30 ending balance | 14,904 | 2,826 | 4,831 | 391 | 22,952 |
| ASC 310-30 beginning balance | 632 | 126 | 2 | 5 | 765 |
| Charge-offs | — | — | — | — | — |
| Recoveries | — | — | — | — | — |
| Provision (recoupment) | 148 | (37) | (2) | 1 | 110 |
| ASC 310-30 ending balance | 780 | 89 | — | 6 | 875 |
| Ending balance | \$ 15,684 | \$ 2,915 | \$ 4,831 | \$ 397 | \$ 23,827 |

| | Nine months ended September 30, 2016 | | | | |
|--|--------------------------------------|-------------|-------------|----------|-----------|
| | Non-owner occupied commercial | | Residential | Consumer | Total |
| | Commercial | real estate | real estate | | |
| Beginning balance | \$ 17,261 | \$ 4,166 | \$ 5,281 | \$ 411 | \$ 27,119 |
| Non 310-30 beginning balance | 16,473 | 3,939 | 5,245 | 385 | 26,042 |
| Charge-offs | (20,684) | (276) | (363) | (558) | (21,881) |
| Recoveries | 43 | 73 | 106 | 242 | 464 |
| Provision | 22,075 | 1,607 | (743) | 214 | 23,153 |
| Non 310-30 ending balance | 17,907 | 5,343 | 4,245 | 283 | 27,778 |
| ASC 310-30 beginning balance | 788 | 227 | 36 | 26 | 1,077 |
| Charge-offs | — | (41) | — | (6) | (47) |
| Recoveries | — | — | — | — | — |
| (Recoupment) provision | (759) | 28 | (36) | (20) | (787) |
| ASC 310-30 ending balance | 29 | 214 | — | — | 243 |
| Ending balance | \$ 17,936 | \$ 5,557 | \$ 4,245 | \$ 283 | \$ 28,021 |
| Ending allowance balance attributable to: | | | | | |
| Non 310-30 loans individually evaluated for impairment | \$ 1,462 | \$ 1 | \$ 34 | \$ 2 | \$ 1,499 |
| Non 310-30 loans collectively evaluated for impairment | 16,445 | 5,342 | 4,211 | 281 | 26,279 |
| ASC 310-30 loans | 29 | 214 | — | — | 243 |
| Total ending allowance balance | \$ 17,936 | \$ 5,557 | \$ 4,245 | \$ 283 | \$ 28,021 |

Edgar Filing: National Bank Holdings Corp - Form 10-Q

Loans:

| | | | | | |
|--|--------------|------------|------------|-----------|--------------|
| Non 310-30 individually evaluated for impairment | \$ 26,743 | \$ 654 | \$ 6,995 | \$ 210 | \$ 34,602 |
| Non 310-30 collectively evaluated for impairment | 1,450,524 | 452,594 | 699,796 | 27,376 | 2,630,290 |
| ASC 310-30 loans | 43,339 | 95,487 | 17,654 | 1,183 | 157,663 |
| Total loans | \$ 1,520,606 | \$ 548,735 | \$ 724,445 | \$ 28,769 | \$ 2,822,555 |

Table of Contents

| | Nine months ended September 30, 2015 | | | | |
|--|--------------------------------------|--|----------------------------|-----------|--------------|
| | Commercial | Non-owner occupied commercial real estate | Residential real estate | Consumer | Total |
| Beginning balance | \$ 10,384 | \$ 3,042 | \$ 3,771 | \$ 416 | \$ 17,613 |
| Non 310-30 beginning balance | 9,916 | 2,820 | 3,743 | 413 | 16,892 |
| Charge-offs | (64) | (222) | (200) | (740) | (1,226) |
| Recoveries | 62 | 135 | 46 | 190 | 433 |
| Provision | 4,990 | 93 | 1,242 | 528 | 6,853 |
| Non 310-30 ending balance | 14,904 | 2,826 | 4,831 | 391 | 22,952 |
| ASC 310-30 beginning balance | 468 | 222 | 28 | 3 | 721 |
| Charge-offs | — | — | — | (14) | (14) |
| Recoveries | — | — | — | — | — |
| Provision (recoupment) | 312 | (133) | (28) | 17 | 168 |
| ASC 310-30 ending balance | 780 | 89 | — | 6 | 875 |
| Ending balance | \$ 15,684 | \$ 2,915 | \$ 4,831 | \$ 397 | \$ 23,827 |
| Ending allowance balance attributable to: | | | | | |
| Non 310-30 loans individually evaluated for impairment | \$ 3,068 | \$ 6 | \$ 179 | \$ 1 | \$ 3,254 |
| Non 310-30 loans collectively evaluated for impairment | 11,836 | 2,820 | 4,652 | 390 | 19,698 |
| ASC 310-30 loans | 780 | 89 | — | 6 | 875 |
| Total ending allowance balance | \$ 15,684 | \$ 2,915 | \$ 4,831 | \$ 397 | \$ 23,827 |
| Loans: | | | | | |
| Non 310-30 individually evaluated for impairment | \$ 40,556 | \$ 1,690 | \$ 8,183 | \$ 78 | \$ 50,507 |
| Non 310-30 collectively evaluated for impairment | 1,260,972 | 308,010 | 651,292 | 31,455 | 2,251,729 |
| ASC 310-30 loans | 65,615 | 125,065 | 26,975 | 3,237 | 220,892 |
| Total loans | \$ 1,367,143 | \$ 434,765 | \$ 686,450 | \$ 34,770 | \$ 2,523,128 |

In evaluating the loan portfolio for an appropriate ALL level, non-impaired loans that were not accounted for under ASC 310-30 were grouped into segments based on broad characteristics such as primary use and underlying collateral. Within the segments, the portfolio was further disaggregated into classes of loans with similar attributes and risk characteristics for purposes of applying loss ratios and determining applicable subjective adjustments to the ALL. The application of subjective adjustments was based upon qualitative risk factors, including economic trends and conditions, industry conditions, asset quality, loss trends, lending management, portfolio growth and loan review/internal audit results. During the first quarter of 2016, the Company updated the loan classifications in its allowance for loan losses model to include owner occupied commercial real estate and agriculture within the commercial loan segment and present energy as its own loan class within the commercial segment. The prior year presentation has been reclassified to conform to the current year presentation.

The Company had \$17.4 million and \$21.4 million net charge-offs of non 310-30 loans during the three and nine months ended September 30, 2016, respectively. Management's evaluation resulted in a provision for loan losses on the non 310-30 loans of \$5.3 million and \$23.2 million during the three and nine months ended September 30, 2016, respectively. Provision for the three months ended September 30, 2016 was driven by loan growth and an increase in the energy sector provision of \$3.9 million, primarily driven by one midstream sector client. The nine months ended September 30, 2016 provision was driven by a \$19.0 million increase in the energy sector provision.

During the nine months ended September 30, 2016, the Company re-estimated the expected cash flows of the loan pools accounted for under ASC 310-30. The re-measurement resulted in a net provision of \$18 thousand and a net recoupment of \$787 thousand for the three and nine months ended September 30, 2016, respectively. The net provision and net recoupment was comprised primarily of a provision of \$27 thousand in the commercial segment, offset by recoupments of \$12 thousand in the consumer segment during the three months ended September 30, 2016, and comprised primarily of a recoupment of \$759 thousand in the commercial segment for the nine months ended September 30, 2016, respectively.

Table of Contents

The Company had \$0.1 million and \$0.8 million net charge offs of non ASC 310-30 loans during the three and nine months ended September 30, 2015, respectively. Management's evaluation resulted in a provision for loan losses on the non 310-30 loans of \$3.6 million and \$6.9 million, respectively, during the three and nine months ended September 30, 2015.

During the nine months ended September 30, 2015, the Company re-estimated the expected cash flows of the loan pools accounted for under ASC 310-30 utilizing the same cash flow methodology used at the time of acquisition. The re-measurement resulted in a net provision of \$110 thousand and \$168 thousand for the three and nine months ended September 30, 2015, which were comprised primarily of provision of \$148 thousand in the commercial segment, offset by recoupments of \$37 thousand in the non-owner occupied commercial real estate segment, during the three months ended September 30, 2015, and provision of \$312 thousand in the commercial segment, offset by recoupment of \$133 thousand in the non-owner occupied commercial real estate segment, during the nine months ended September 30, 2015.

Note 6 Other Real Estate Owned

A summary of the activity in the OREO balances during the nine months ended September 30, 2016 and 2015 is as follows:

| | For the nine months ended September 30, | |
|--|--|-----------|
| | 2016 | 2015 |
| Beginning balance | \$ 20,814 | \$ 29,120 |
| Purchases through acquisition, at fair value | — | 1,488 |
| Transfers from loan portfolio, at fair value | 4,755 | 1,143 |
| Impairments | (262) | (799) |
| Sales, net | (4,107) | (11,918) |
| Ending balance | \$ 21,200 | \$ 19,034 |

At September 30, 2016 and December 31, 2015, OREO balances excluded \$1.6 million and \$5.5 million, respectively, of the Company's minority interests in OREO, which are held by outside banks where the Company was not the lead bank and does not have a controlling interest. The Company maintains a receivable in other assets for these minority interests. Included in Sales, net are net gains of \$4.1 million and \$2.3 million for the nine months ended September 30, 2016 and 2015, respectively.

Note 7 Borrowings

As a member of the FHLB of Topeka, the Bank has access to a line of credit and term financing from the FHLB with available credit of \$885.3 million at September 30, 2016. Total advances under the line of credit at September 30, 2016 were \$11.4 million with an interest rate of 0.53%, and had certain loans pledged as collateral. The Bank had no outstanding advances at December 31, 2015.

Additionally, at both September 30, 2016 and December 31, 2015, the Bank had \$40.0 million in term advances from the FHLB of Des Moines. All of the outstanding advances have fixed interest rates of 0.84% - 2.33%, with maturity dates of 2016 - 2020. The Bank had investment securities pledged as collateral for FHLB of Des Moines advances in the amount of \$43.0 million at September 30, 2016 and \$41.7 million at December 31, 2015. Interest expense related to FHLB advances totaled \$183 thousand and \$515 thousand for the three and nine months ended September 30, 2016, respectively.

Note 8 Regulatory Capital

As a bank holding company, the Company is subject to regulatory capital adequacy requirements implemented by the Federal Reserve. The federal banking agencies have risk-based capital adequacy regulations intended to provide a measure of capital adequacy that reflects the degree of risk associated with a banking organization's operations. Under these regulations, assets are assigned to one of several risk categories, and nominal dollar amounts of assets and credit equivalent amounts of off-balance-sheet items are multiplied by a risk adjustment percentage for the category.

The new Basel III rules, effective January 1, 2015, changed the components of regulatory capital and changed the way in which risk ratings are assigned to various categories of bank assets. Also, a new Tier I common risk-based ratio was defined. Under the Basel III requirements, at September 30, 2016, the Company and the Bank met all capital adequacy requirements and the Bank had regulatory capital ratios in excess of the levels established for well-capitalized institutions.

Table of Contents

In February 2016, the Bank received approval from the Colorado Division of Banking and the Federal Reserve Bank of Kansas City to permanently reduce the Bank's capital by \$140.0 million. As a result, the Bank distributed \$140.0 million cash to the Company in February 2016.

At September 30, 2016 and December 31, 2015, the Bank met the requirement to be considered “well capitalized” under the regulatory framework for prompt corrective action. To be categorized as “well-capitalized”, the Bank must maintain total risk-based, Tier 1 risk-based, and Tier 1 leverage ratios as set forth in the table below.

| | September 30, 2016 | | Required to be well capitalized under prompt corrective action provisions | | Required to be considered adequately capitalized | |
|--|--------------------|------------|---|------------|--|------------|
| | Actual Ratio | Amount | Ratio | Amount | Ratio | Amount |
| Tier 1 leverage ratio: | | | | | | |
| Consolidated | 10.5% | \$ 473,198 | N/A | N/A | 4.0% | \$ 181,012 |
| NBH Bank | 8.6% | 389,951 | 4.5% | \$ 203,039 | 4.0% | 180,479 |
| Common equity tier 1 risk-based capital: | | | | | | |
| Consolidated | 14.4% | \$ 473,198 | N/A | N/A | 4.5% | \$ 203,639 |
| NBH Bank | 11.9% | 389,951 | 6.5% | \$ 293,278 | 4.5% | 203,039 |
| Tier 1 risk-based capital ratio: | | | | | | |
| Consolidated | 14.4% | \$ 473,198 | N/A | N/A | 6.0% | \$ 196,765 |
| NBH Bank | 11.9% | 389,951 | 8.0% | \$ 261,246 | 6.0% | 195,935 |
| Total risk-based capital ratio: | | | | | | |
| Consolidated | 15.3% | \$ 501,545 | N/A | N/A | 8.0% | \$ 262,354 |
| NBH Bank | 12.8% | 418,298 | 10.0% | \$ 326,558 | 8.0% | 261,246 |

| | December 31, 2015 | | Required to be well capitalized under prompt corrective action provisions | | Required to be considered adequately capitalized | |
|------------------------|-------------------|------------|---|------------|--|------------|
| | Actual Ratio | Amount | Ratio | Amount | Ratio | Amount |
| Tier 1 leverage ratio: | | | | | | |
| Consolidated | 11.8% | \$ 550,368 | N/A | N/A | 4.0% | \$ 187,325 |
| NBH Bank | 11.2% | 519,766 | 5.0% | \$ 464,078 | 4.0% | 185,631 |

Edgar Filing: National Bank Holdings Corp - Form 10-Q

| | | | | | | |
|--|-------|------------|-------|------------|------|------------|
| Common equity tier 1 risk-based capital: | | | | | | |
| Consolidated | 17.5% | \$ 550,368 | N/A | N/A | 4.5% | \$ 210,741 |
| NBH Bank | 16.6% | 519,766 | 6.5% | \$ 301,651 | 4.5% | 208,835 |
| Tier 1 risk-based capital ratio: | | | | | | |
| Consolidated | 17.5% | \$ 550,368 | N/A | N/A | 6.0% | \$ 189,101 |
| NBH Bank | 16.6% | 519,766 | 8.0% | \$ 344,989 | 6.0% | 188,176 |
| Total risk-based capital ratio: | | | | | | |
| Consolidated | 18.4% | \$ 578,448 | N/A | N/A | 8.0% | \$ 252,134 |
| NBH Bank | 17.5% | 547,846 | 10.0% | \$ 376,352 | 8.0% | 250,901 |

Note 9 Stock-based Compensation and Benefits

The Company provides stock-based compensation in accordance with shareholder-approved plans. During the second quarter of 2014, shareholders approved the 2014 Omnibus Incentive Plan (the "2014 Plan"). The 2014 Plan replaces the NBH Holdings Corp. 2009 Equity Incentive Plan (the "Prior Plan"), pursuant to which the Company granted equity awards prior to the approval of the 2014 Plan. Pursuant to the 2014 Plan, the Compensation Committee of the Board of Directors has the authority to grant, from time to time, awards of stock options, stock appreciation rights, restricted stock, performance stock units, market-based stock units, other stock-based awards, or any combination thereof to eligible persons.

Table of Contents

As of September 30, 2016, the aggregate number of shares of Class A common stock available for issuance under the 2014 Plan is 5,097,434 shares. Any shares that are subject to stock options or stock appreciation rights under the 2014 Plan will be counted against the amount available for issuance as one share for every one share granted, and any shares that are subject to awards under the 2014 Plan other than stock options or stock appreciation rights will be counted against the amount available for issuance as 3.25 shares for every one share granted. The 2014 Plan provides for recycling of shares from both the Prior Plan and the 2014 Plan, the terms of which are further described in the Company's Proxy Statement for its 2014 Annual Meeting of Shareholders.

To date, the Company has issued stock options, restricted stock, and performance stock units under the plans. The Compensation Committee sets the option exercise price at the time of grant, but in no case is the exercise price less than the fair market value of a share of stock at the date of grant.

Stock options

The Company issued stock options in accordance with the 2014 Plan during the nine months ended September 30, 2016. The options granted during the nine months ended September 30, 2016 are time-vesting over a 3-year period.

The expense associated with the awarded stock options was measured at fair value using a Black-Scholes option-pricing model. The outstanding option awards vest on a graded basis over 1-4 years of continuous service and have 7-10 year contractual terms.

The following table summarizes stock option activity for the nine months ended September 30, 2016:

| | Options | Weighted Average Exercise Price | Weighted Average Remaining Contractual Term in Years | Aggregate Intrinsic Value |
|-----------------------------------|-----------|--|---|---------------------------------|
| Outstanding at December 31, 2015 | 2,596,251 | \$ 19.84 | 4.77 | \$ 3,968 |
| Granted | 170,778 | 19.62 | | |
| Forfeited | (33,272) | 19.27 | | |
| Surrendered | (57,333) | 20.25 | | |
| Exercised | (3,507) | 19.91 | | |
| Expired | (3,058) | 18.92 | | |
| Outstanding at September 30, 2016 | 2,669,859 | \$ 19.82 | 4.27 | \$ 9,436 |

Edgar Filing: National Bank Holdings Corp - Form 10-Q

| | | | | |
|---|-----------|----------|------|----------|
| Options exercisable at September 30, 2016 | 2,329,857 | \$ 19.92 | 3.58 | \$ 1,437 |
| Options expected to vest | 356,851 | \$ 19.34 | 8.05 | \$ 8,958 |

Stock option expense is included in salaries and benefits in the consolidated statements of operations and totaled \$0.2 million for the three months ended September 30, 2016 and 2015, and \$0.5 million for the nine months ended September 30, 2016 and 2015, respectively. At September 30, 2016, there was \$0.7 million of total unrecognized compensation cost related to non-vested stock options granted under the plans. The cost is expected to be recognized over a weighted average period of 2.1 years.

Restricted stock awards

During the nine months ended September 30, 2016, the Company granted restricted stock awards in accordance with the 2014 Plan totaling 91,483 shares. The restricted stock awards vest over a range of a 1 - 3 year period. The fair value of restricted stock awards is determined based on the closing stock price of Company common shares on the grant date. The weighted-average grant date fair value of the restricted stock awards granted was \$19.61 per share. As of September 30, 2016, the total unrecognized compensation cost related to non-vested awards totaled \$1.9 million, and is expected to be recognized over a weighted average period of approximately 1.77 years.

Table of Contents

Market-based stock awards

During the nine months ended September 30, 2016, the Company granted market-based stock awards of 26,594 shares in accordance with the 2014 Plan. These shares have a five-year performance period. The restricted stock shares vest upon the later of the Company's stock price achieving an established price goal during the performance period, and the third anniversary of the date of grant. The fair value of these awards was determined using a Monte Carlo Simulation at grant date. The grant date fair value of these awards was \$11.28. As of September 30, 2016, the total unrecognized compensation cost related to non-vested awards totaled \$0.3 million, and is expected to be recognized over a weighted average period of approximately 2.2 years.

Performance stock units

During the nine months ended September 30, 2016, the Company granted 91,342 performance stock units in accordance with the 2014 Plan. These performance stock units granted represent initial target awards and do not reflect potential increases or decreases resulting from the final performance results, which are to be determined at the end of the three-year performance period. The actual number of shares to be awarded at the end of the performance period will range from 0% - 150% of the initial target awards. 60% of the award is based on the Company's cumulative earnings per share (EPS target) during the performance period, and 40% of the award is based on the Company's cumulative total shareholder return (TSR target), or TSR, during the performance period. The Company's TSR will be compared to the respective TSRs of the companies comprising the KBW Regional Index to determine the shares awarded. The fair value of the EPS target portion of the award was determined based on the closing stock price of the Company's common stock on the grant date. The fair value of the TSR target portion of the award was determined using a Monte Carlo Simulation at the grant date. The weighted-average grant date fair value per unit of the EPS target portion and the TSR target portion was \$19.56 and \$16.52, respectively. As of September 30, 2016, the total unrecognized compensation cost related to non-vested units totaled \$1.1 million, and is expected to be recognized over a weighted average period of approximately 2.4 years.

The following table summarizes restricted stock and performance stock unit activity for the nine months ended September 30, 2016:

Edgar Filing: National Bank Holdings Corp - Form 10-Q

| | Restricted Shares | Weighted Average Grant- Date Fair Value | Performance Stock Units | Weighted Average Grant- Date Fair Value |
|--------------------------------|----------------------|---|----------------------------|---|
| Unvested at December 31, 2015 | 836,031 | \$ 15.42 | — | \$ — |
| Vested | (69,692) | 18.97 | — | — |
| Granted | 118,077 | 18.96 | 91,342 | 18.22 |
| Forfeited | (24,420) | 18.99 | (4,334) | 18.22 |
| Surrendered | (34,221) | 18.97 | — | — |
| Unvested at September 30, 2016 | 825,775 | \$ 15.37 | 87,008 | \$ 18.22 |

Expense related to non-vested restricted awards and units totaled \$0.7 million and \$0.8 million during the three months ended September 30, 2016 and 2015, respectively, and \$2.2 million and \$2.0 million during the nine months ended September 30, 2016 and 2015, respectively, and is included in salaries and benefits in the consolidated statements of operations.

Employee Stock Purchase Plan

The 2014 Employee Stock Purchase Plan (“ESPP”) is intended to be a qualified plan within the meaning of Section 423 of the Internal Revenue Code of 1986 and allows eligible employees to purchase shares of common stock through payroll deductions up to a limit of \$25,000 per calendar year and 2,000 shares per offering period. The price an employee pays for shares is 90.0% of the fair market value of Company common stock on the last day of the offering period. The offering period is the six-month period commencing on March 1 and September 1 of each year and ending on August 31 and February 28 (or February 29 in the case of a leap year) of each year. There is no vesting or other restrictions on the stock purchased by employees under the ESPP. Under the ESPP, the total number of shares of common stock reserved for issuance totaled 400,000 shares.

Under the ESPP, employees purchased 19,209 shares during the nine months ended September 30, 2016. There were 366,337 shares available for issuance under the ESPP at September 30, 2016.

Table of Contents

Note 10 Warrants

The Company had 725,750 outstanding warrants to purchase Company stock as of September 30, 2016 and December 31, 2015, respectively. The warrants were granted to certain lead shareholders of the Company at the time of the Company's initial capital raise (2009-2010), all with an exercise price of \$20.00 per share. During December 2015, the Company modified its remaining warrant agreements resulting in the reclassification of \$3.1 million to additional paid-in capital included in the consolidated statements of financial condition as of September 30, 2016. The modified term of the warrants is for ten years and six months from the date of grant and the expiration dates of the warrants range from April 20, 2020 - September 23, 2020.

Prior to the warrants reclassification to additional paid-in-capital during the fourth quarter of 2015, the warrants were revalued each reporting period. The Company recorded a benefit of \$0.5 million and \$0.4 million for the three and nine months ended September 30, 2015, respectively, in the consolidated statements of operations, resulting from the change in fair value of the warrant liability.

Note 11 Common Stock

On August 5, 2016, the Board of Directors authorized a new share repurchase program for up to \$50.0 million from time to time in either the open market or through privately negotiated transactions. The remaining authorization under this program as of September 30, 2016 was \$18.8 million.

The Company had 26,282,224 shares of Class A common stock outstanding as of September 30, 2016, and 30,358,509 shares of Class A common stock outstanding as of December 31, 2015. Additionally, as of September 30, 2016 and December 31, 2015, the Company had 825,775 and 836,031 shares, respectively, of restricted Class A common stock issued but not yet vested under the 2014 Plan and the Prior Plan that are not included in shares outstanding until such time that they are vested; however, these shares do have voting and certain dividend rights during the vesting period.

Note 12 Income Per Share

The Company calculates income per share under the two-class method, as certain non-vested share awards contain non-forfeitable rights to dividends. As such, these awards are considered securities that participate in the earnings of the Company. Non-vested shares are discussed further in note 9.

Edgar Filing: National Bank Holdings Corp - Form 10-Q

The Company had 26,282,224 and 30,318,684 shares outstanding (inclusive of Class A and B) as of September 30, 2016 and 2015, respectively, exclusive of issued non-vested restricted shares. Certain stock options and non-vested restricted shares are potentially dilutive securities, but are not included in the calculation of diluted earnings per share because to do so would have been anti-dilutive for the three and nine months ended September 30, 2016 and 2015.

The following table illustrates the computation of basic and diluted income per share for the three and nine months ended September 30, 2016 and 2015:

| | For the three months ended | | For the nine months ended | |
|---|----------------------------|--------------------|---------------------------|--------------------|
| | September 30, 2016 | September 30, 2015 | September 30, 2016 | September 30, 2015 |
| Net income | \$ 8,314 | \$ 1,636 | \$ 13,069 | \$ 1,541 |
| Less: income allocated to participating securities | (12) | (14) | (37) | (39) |
| Income allocated to common shareholders | \$ 8,302 | \$ 1,622 | \$ 13,032 | \$ 1,502 |
| Weighted average shares outstanding for basic income per common share | 27,654,827 | 32,681,181 | 28,991,094 | 35,605,180 |
| Dilutive effect of equity awards | 173,747 | 54,969 | 92,885 | 521 |
| Dilutive effect of warrants | 70,182 | 26,366 | 27,343 | — |
| Weighted average shares outstanding for diluted income per common share | 27,898,756 | 32,762,516 | 29,111,322 | 35,605,701 |
| Basic income per share | \$ 0.30 | \$ 0.05 | \$ 0.45 | \$ 0.04 |
| Diluted income per share | \$ 0.30 | \$ 0.05 | \$ 0.45 | \$ 0.04 |

Table of Contents

The Company had 2,669,859 and 3,060,664 outstanding stock options to purchase common stock at weighted average exercise prices of \$19.82 and \$19.86 per share at September 30, 2016 and 2015, respectively, which have time-vesting criteria, and as such, any dilution is derived only for the time frame in which the vesting criteria had been met and where the inclusion of those stock options is dilutive. Additionally, the Company had outstanding warrants to purchase shares of the Company's common stock totaling 725,750 as of September 30, 2016 and 2015, respectively. The warrants have an exercise price of \$20.00, which were in-the-money for purposes of dilution calculations during the three and nine months ended September 30, 2016, and three months ended September 30, 2015, and out-of-the-money during the nine months ended September 30, 2015. The Company had 912,783 and 1,046,980 unvested restricted shares and units issued as of September 30, 2016 and 2015, respectively, which have performance, market and/or time-vesting criteria, and as such, any dilution is derived only for the time frame in which the vesting criteria had been met and where the inclusion of those restricted shares and units is dilutive.

Note 13 Income Taxes

The income tax rate for the three and nine months ended September 30, 2016 was an expense of 16.9% and 18.0%, respectively, compared to a benefit for both periods in 2015. The three and nine months ended September 30, 2016 rate was calculated based on a full year forecast method. The quarterly tax rate differs from the federal statutory rate primarily due to interest income from tax-exempt lending, bank-owned life insurance income, and the relationship of these items to pre-tax income.

The tax rate for the three and nine months ended September 30, 2016 is not comparable to the three and nine months ended September 30, 2015 as the Company moved from recording income tax expense on a discrete quarter basis in 2015 to a full year forecast method in 2016. The tax benefit recorded for the three and nine months ended September 30, 2015 was due to income from tax-exempt lending and tax-exempt bank-owned life insurance in excess of pre-tax income for the periods then ended. See management's discussion and analysis for further information.

Note 14 Derivatives

Risk management objective of using derivatives

The Company is exposed to certain risks arising from both its business operations and economic conditions. The Company has established policies that neither carrying value nor fair value at risk should exceed established guidelines. The Company has designed strategies to confine these risks within the established limits and identify appropriate trade-offs in the financial structure of its balance sheet. These strategies include the use of derivative financial instruments to help achieve the desired balance sheet repricing structure while meeting the desired objectives of its clients. Currently, the Company employs certain interest rate swaps that are designated as fair value hedges as well as economic hedges. The Company manages a matched book with respect to its derivative instruments in order to

minimize its net risk exposure resulting from such transactions.

Fair values of derivative instrument of the balance sheet

The table below presents the fair value of the Company's derivative financial instruments as well as their classification on the consolidated statements of financial condition as of September 30, 2016 and December 31, 2015.

30

Table of Contents

Information about the valuation methods used to measure fair value is provided in note 16 of the consolidated financial statements.

| | Balance Sheet Location | Asset Derivatives Fair Value | | Balance Sheet Location | Liability Derivatives Fair Value | |
|---|------------------------|------------------------------|-------------------|------------------------|----------------------------------|-------------------|
| | | September 30, 2016 | December 31, 2015 | | September 30, 2016 | December 31, 2015 |
| Derivatives designated as hedging instruments: | | | | | | |
| Interest rate products | Other assets | \$ 58 | \$ 388 | Other liabilities | \$ 21,642 | \$ 6,232 |
| Total derivatives designated as hedging instruments | | \$ 58 | \$ 388 | | \$ 21,642 | \$ 6,232 |
| Derivatives not designated as hedging instruments: | | | | | | |
| Interest rate products | Other assets | \$ 4,443 | \$ 1,959 | Other liabilities | \$ 4,775 | \$ 2,083 |
| Interest rate lock commitments | Other assets | 465 | — | Other liabilities | — | — |
| Forward contracts | Other assets | — | — | Other liabilities | 119 | — |
| Forward loan sales agreements | Loans held for sale | 31 | — | Loans held for sale | — | — |
| Total derivatives not designated as hedging instruments | | \$ 4,939 | \$ 1,959 | | \$ 4,894 | \$ 2,083 |

Fair value hedges

Interest rate swaps designated as fair value hedges involve the receipt of variable-rate amounts from a counterparty in exchange for the Company making fixed-rate payments over the life of the agreements without the exchange of the underlying notional amount. As of September 30, 2016, the Company had 45 interest rate swaps with a notional amount of \$374.9 million that were designated as fair value hedges of interest rate risk associated with the Company's fixed-rate loans. The Company had 31 outstanding interest rate swaps with a notional amount of \$273.3 million that were designated as fair value hedges of interest rate risk associated with Company's fixed-rate loans as of December 31, 2015.

For derivatives designated and that qualify as fair value hedges, the gain or loss on the derivative as well as the offsetting loss or gain on the hedged item attributable to the hedged risk are recognized in earnings. The Company includes the gain or loss on the hedged items in the same line item as the offsetting loss or gain on the related derivatives. During the three and nine months ended September 30, 2016, the Company recognized a net loss of \$48 thousand and \$1.2 million, respectively, in non-interest income related to hedge ineffectiveness. During the three and nine months ended September 30 2015, the Company recognized a net loss of \$522 thousand and \$255 thousand, respectively, in non-interest income related to hedge ineffectiveness.

Non-designated hedges

Derivatives not designated as hedges are not speculative and consist of interest rate swaps with commercial banking clients that facilitate their respective risk management strategies. Interest rate swaps are simultaneously hedged by offsetting interest rate swaps that the Company executes with a third party, such that the Company minimizes its net risk exposure resulting from such transactions. As the interest rate swaps associated with this program do not meet the strict hedge accounting requirements, changes in the fair value of both the client swaps and the offsetting swaps are recognized directly in earnings. As of September 30, 2016, the Company had 37 matched interest rate swap transactions with an aggregate notional amount of \$139.2 million related to this program. As of December 31, 2015, the Company had 20 matched interest rate swap transactions with an aggregate notional amount of \$68.1 million related to this program.

As part of its mortgage banking activities, the Company enters into interest rate lock commitments, which are commitments to originate loans where the interest rate on the loan is determined prior to funding and the customers have locked into that interest rate. The Company then locks in the loan and interest rate with an investor and commits to deliver the loan if settlement occurs ("best efforts") or commits to deliver the locked loan in a binding ("mandatory") delivery program with an investor. Fair value changes of certain loans under interest rate lock commitments are hedged with forward sales contracts of mortgage backed securities ("MBS"). Forward sales contracts of MBS are recorded at fair value with changes in fair value recorded in non-interest income. Interest rate lock commitments and commitments to deliver loans to investors are considered derivatives. The market value of interest rate lock commitments and best efforts contracts are not readily ascertainable with precision because they are not actively traded in stand-alone markets. The Company determines the fair value of interest rate lock commitments and delivery contracts by measuring the fair value of the underlying asset, which is impacted by current interest rates, taking into consideration the probability that the interest rate lock commitments will close or will be funded.

Table of Contents

Certain additional risks arise from these forward delivery contracts in that the counterparties to the contracts may not be able to meet the terms of the contracts. The Company does not expect any counterparty to any MBS contract to fail to meet its obligation. Additional risks inherent in mandatory delivery programs include the risk that, if the Company fails to deliver the loans subject to interest rate risk lock commitments, it will still be obligated to “pair off” MBS to the counterparty under the forward sales agreement. Should this be required, the Company could incur significant costs in acquiring replacement loans and such costs could have an adverse effect on the consolidated financial statements.

The fair value of the mortgage banking derivative is recorded as a freestanding asset or liability with the change in value being recognized in current earnings during the period of change.

The Company had 152 interest rate lock commitments with a notional value of \$26.3 million and 22 forward contracts with a notional value of \$25.8 million at September 30, 2016. The Company had six forward loan sales commitments with a notional value of \$1.1 million at September 30, 2016. At December 31, 2015, the Company had no mandatory delivery interest rate lock commitments, forward sale contracts or forward loan sales commitments, and the best efforts mortgage banking derivatives were immaterial to the consolidated financial statements.

Effect of derivative instruments on the consolidated statements of operations

The tables below present the effect of the Company’s derivative financial instruments on the consolidated statements of operations for the three and nine months ended September 30, 2016 and 2015:

| | Location of gain (loss) | Amount of gain (loss) recognized in income on derivatives | | | |
|--|--|--|------------|--|------------|
| | | For the three months ended September 30, | | For the nine months ended September 30, | |
| | | 2016 | 2015 | 2016 | 2015 |
| Derivatives in fair value hedging relationships | recognized in income on derivatives | | | | |
| Interest rate products | Other non-interest income | \$ 1,674 | \$ (8,768) | \$ (15,740) | \$ (5,663) |
| Total | | \$ 1,647 | \$ (8,768) | \$ (15,740) | \$ (5,663) |

| Location of gain (loss) | Amount of gain (loss) recognized in income on hedged items |
|-------------------------|---|
|-------------------------|---|

Edgar Filing: National Bank Holdings Corp - Form 10-Q

| | | For the three months ended | | For the nine months ended | |
|------------------------|--------------------------------------|----------------------------|----------|---------------------------|----------|
| | | September 30, | | September 30, | |
| | | 2016 | 2015 | 2016 | 2015 |
| Hedged items | recognized in income on hedged items | | | | |
| Interest rate products | Other non-interest income | \$ (1,722) | \$ 8,246 | \$ 14,576 | \$ 5,408 |
| Total | | \$ (1,722) | \$ 8,246 | \$ 14,576 | \$ 5,408 |

| | Location of gain (loss) | Amount of gain (loss) recognized in income on derivatives | | | |
|---|-------------------------------------|---|---------|---------------------------|---------|
| | | For the three months ended | | For the nine months ended | |
| | | September 30, | | September 30, | |
| | | 2016 | 2015 | 2016 | 2015 |
| Derivatives not designated as hedging instruments | recognized in income on derivatives | | | | |
| Interest rate products | Other non-interest income | \$ (23) | \$ (99) | \$ (206) | \$ (73) |
| Interest rate lock commitments | Other non-interest income | 133 | — | 465 | — |
| Forward contracts | Other non-interest income | 60 | — | (119) | — |
| Forward loan sales agreements | Other non-interest income | (51) | — | 31 | — |
| Total | | \$ 119 | \$ (99) | \$ 171 | \$ (73) |

Credit-risk-related contingent features

The Company has agreements with its derivative counterparties that contain a provision where if the Company defaults on any of its indebtedness for reasons other than an error or omission of an administrative or operational nature, including default where repayment of the indebtedness has not been accelerated by the lender, then the Company could also be declared in default on its derivative obligations.

The Company also has agreements with certain of its derivative counterparties that contain a provision where if the Company fails to maintain its status as a well/adequately capitalized institution, then the counterparty has the right to terminate the derivative positions and the Company would be required to settle its obligations under the agreements.

As of September 30, 2016 and December 31, 2015, the termination value of derivatives in a net liability position related to these agreements was \$28.9 million and \$9.0 million, respectively, which includes accrued interest but excludes any adjustment for nonperformance risk. The Company has minimum collateral posting thresholds with certain of its derivative counterparties and as of September 30, 2016 and December 31, 2015, the Company had posted \$31.6 million and \$8.2 million, respectively, in eligible

Table of Contents

collateral. If the Company had breached any of these provisions at September 30, 2016, it could have been required to settle its obligations under the agreements at the termination value.

Note 15 Commitments and Contingencies

In the normal course of business, the Company enters into various off-balance sheet commitments to help meet the financing needs of clients. These financial instruments include commitments to extend credit, commercial and consumer lines of credit and standby letters of credit. The same credit policies are applied to these commitments as the loans on the consolidated statements of financial condition; however, these commitments involve varying degrees of credit risk in excess of the amount recognized in the consolidated statements of financial condition. At September 30, 2016 and December 31, 2015, the Company had loan commitments totaling \$557.0 million and \$627.2 million, respectively, and standby letters of credit that totaled \$12.6 million and \$9.8 million, respectively. The total amounts of unused commitments do not necessarily represent future credit exposure or cash requirements, as commitments often expire without being drawn upon. However, the contractual amount of these commitments, offset by any additional collateral pledged, represents the Company's potential credit loss exposure.

Total unfunded commitments at September 30, 2016 and December 31, 2015 were as follows:

| | September 30, 2016 | December 31, 2015 |
|--|--------------------|-------------------|
| Commitments to fund loans | \$ 142,066 | \$ 261,004 |
| Credit card lines of credit | — | 18,418 |
| Unfunded commitments under lines of credit | 414,884 | 347,822 |
| Commercial and standby letters of credit | 12,568 | 9,770 |
| Total | \$ 569,518 | \$ 637,014 |

Commitments to fund loans—Commitments to fund loans are legally binding agreements to lend to clients in accordance with predetermined contractual provisions providing there have been no violations of any conditions specified in the contract. These commitments are generally at variable interest rates and are for specific periods or contain termination clauses and may require the payment of a fee. The total amounts of unused commitments are not necessarily representative of future credit exposure or cash requirements, as commitments often expire without being drawn upon.

Credit card lines of credit—The Company extends lines of credit to clients through the use of credit cards issued by the Bank. These lines of credit represent the maximum amounts allowed to be funded, many of which will not exhaust the established limits, and as such, these amounts are not necessarily representations of future cash requirements or credit exposure. During the first quarter of 2016, the Company sold its credit card lines of credit and entered into a joint marketing agreement with an unrelated third-party. As a result of this action, the Company will be able to better provide small business and consumers with access to a more competitive suite of products and services.

Unfunded commitments under lines of credit—In the ordinary course of business, the Company extends revolving credit to its clients. These arrangements may require the payment of a fee.

Commercial and standby letters of credit—As a provider of financial services, the Company routinely issues commercial and standby letters of credit, which may be financial standby letters of credit or performance standby letters of credit. These are various forms of “back-up” commitments to guarantee the performance of a client to a third party. While these arrangements represent a potential cash outlay for the Company, the majority of these letters of credit will expire without being drawn upon. Letters of credit are subject to the same underwriting and credit approval process as traditional loans, and as such, many of them have various forms of collateral securing the commitment, which may include real estate, personal property, receivables or marketable securities.

Contingencies

In the ordinary course of business, the Company and the Bank may be subject to litigation. Based upon the available information and advice from the Company’s legal counsel, management does not believe that any potential, threatened or pending litigation to which it is a party will have a material adverse effect on the Company’s liquidity, financial condition or results of operations.

Table of Contents

Note 16 Fair Value Measurements

The Company uses fair value measurements to record fair value adjustments to certain assets and liabilities and to disclose the fair value of its financial instruments. Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. For disclosure purposes, the Company groups its financial and non-financial assets and liabilities into three different levels based on the nature of the instrument and the availability and reliability of the information that is used to determine fair value. The three levels are defined as follows:

- Level 1—Includes assets or liabilities in which the inputs to the valuation methodologies are based on unadjusted quoted prices in active markets for identical assets or liabilities.
- Level 2—Includes assets or liabilities in which the inputs to the valuation methodologies are based on similar assets or liabilities in inactive markets, quoted prices for identical or similar assets or liabilities in inactive markets, and inputs other than quoted prices that are observable, such as interest rates, yield curves, volatilities, prepayment speeds, and other inputs obtained from observable market input.
- Level 3—Includes assets or liabilities in which the inputs to the valuation methodology are based on at least one significant assumption that is not observable in the marketplace. These valuations may rely on management's judgment and may include internally-developed model-based valuation techniques.

Level 1 inputs are considered to be the most transparent and reliable and level 3 inputs are considered to be the least transparent and reliable. The Company assumes the use of the principal market to conduct a transaction of each particular asset or liability being measured and then considers the assumptions that market participants would use when pricing the asset or liability. Whenever possible, the Company first looks for quoted prices for identical assets or liabilities in active markets (level 1 inputs) to value each asset or liability. However, when inputs from identical assets or liabilities on active markets are not available, the Company utilizes market observable data for similar assets and liabilities. The Company maximizes the use of observable inputs and limits the use of unobservable inputs to occasions when observable inputs are not available. The need to use unobservable inputs generally results from the lack of market liquidity of the actual financial instrument or of the underlying collateral. Although, in some instances, third party price indications may be available, limited trading activity can challenge the observability of these quotations.

Changes in the valuation inputs used for measuring the fair value of financial instruments may occur due to changes in current market conditions or other factors. Such changes may necessitate a transfer of the financial instruments to another level in the hierarchy based on the new inputs used. The Company recognizes these transfers at the end of the reporting period that the transfer occurs. During the nine months ended September 30, 2016 and 2015, there were no transfers of financial instruments between the hierarchy levels.

The following is a description of the valuation methodologies used for assets and liabilities measured at fair value, as well as the general classification of each instrument under the valuation hierarchy:

Fair Value of Financial Instruments Measured on a Recurring Basis

Investment securities available-for-sale—Investment securities available-for-sale are carried at fair value on a recurring basis. To the extent possible, observable quoted prices in an active market are used to determine fair value and, as such, these securities are classified as level 1. At September 30, 2016 and December 31, 2015, the Company did not hold any level 1 securities. When quoted market prices in active markets for identical assets or liabilities are not available, quoted prices of securities with similar characteristics, discounted cash flows or other pricing characteristics are used to estimate fair values and the securities are then classified as level 2.

Table of Contents

Interest rate swap derivatives—The Company's derivative instruments are limited to interest rate swaps that may be accounted for as fair value hedges or non-designated hedges. The fair values of the swaps incorporate credit valuation adjustments in order to appropriately reflect nonperformance risk in the fair value measurements. The credit valuation adjustment is the dollar amount of the fair value adjustment related to credit risk and utilizes a probability weighted calculation to quantify the potential loss over the life of the trade. The credit valuation adjustments are calculated by determining the total expected exposure of the derivatives (which incorporates both the current and potential future exposure) and then applying the respective counterparties' credit spreads to the exposure offset by marketable collateral posted, if any. Certain derivative transactions are executed with counterparties who are large financial institutions ("dealers"). International Swaps and Derivative Association Master Agreements ("ISDA") and Credit Support Annexes ("CSA") are employed for all contracts with dealers. These contracts contain bilateral collateral arrangements. The fair value inputs of these financial instruments are determined using discounted cash flow analysis through the use of third-party models whose significant inputs are readily observable market parameters, primarily yield curves, with appropriate adjustments for liquidity and credit risk, and are classified as level 2.

Mortgage banking derivatives—The Company relies on a third-party pricing service to value its mortgage banking derivative financial assets and liabilities, which the Company classifies as a level 3 valuation. The external valuation model to estimate the fair value of its interest rate lock commitments to originate residential mortgage loans held for sale includes grouping the interest rate lock commitments by interest rate and terms, applying an estimated pull-through rate based on historical experience, and then multiplying by quoted investor prices determined to be reasonably applicable to the loan commitment groups based on interest rate, terms, and rate lock expiration dates of the loan commitment groups. The Company also relies on an external valuation model to estimate the fair value of its forward commitments to sell residential mortgage loans (i.e., an estimate of what the Company would receive or pay to terminate the forward delivery contract based on market prices for similar financial instruments), which includes matching specific terms and maturities of the forward commitments against applicable investor pricing.

The tables below present the financial instruments measured at fair value on a recurring basis as of September 30, 2016 and December 31, 2015 on the consolidated statements of financial condition utilizing the hierarchy structure described above:

| | September 30, 2016 | | | Total |
|--|--------------------|------------|---------|------------|
| | Level 1 | Level 2 | Level 3 | |
| Assets: | | | | |
| Investment securities available-for-sale: | | | | |
| Mortgage-backed securities ("MBS"): | | | | |
| Residential mortgage pass-through securities issued or guaranteed by U.S. Government agencies or sponsored enterprises | \$ — | \$ 251,238 | \$ — | \$ 251,238 |
| Other residential MBS issued or guaranteed by U.S. Government agencies or sponsored enterprises | — | 712,465 | — | 712,465 |
| Municipal securities | — | 4,425 | 306 | 4,731 |
| Other securities | — | — | 419 | 419 |
| Interest rate swap derivatives | — | 4,501 | — | 4,501 |
| Mortgage banking derivatives | — | — | 496 | 496 |

Edgar Filing: National Bank Holdings Corp - Form 10-Q

| | | | | |
|---------------------------------|------|------------|----------|------------|
| Total assets at fair value | \$ — | \$ 972,629 | \$ 1,221 | \$ 973,850 |
| Liabilities: | | | | |
| Interest rate swap derivatives | \$ — | \$ 26,417 | \$ — | \$ 26,417 |
| Mortgage banking derivatives | — | — | 119 | 119 |
| Total liabilities at fair value | \$ — | \$ 26,417 | \$ 119 | \$ 26,536 |

Table of Contents

| | December 31, 2015 | | | |
|--|-------------------|--------------|---------|--------------|
| | Level 1 | Level 2 | Level 3 | Total |
| Assets: | | | | |
| Investment securities available-for-sale: | | | | |
| Mortgage-backed securities (“MBS”): | | | | |
| Residential mortgage pass-through securities issued or guaranteed by U.S. Government agencies or sponsored enterprises | \$ — | \$ 310,978 | \$ — | \$ 310,978 |
| Other residential MBS issued or guaranteed by U.S. Government agencies or sponsored enterprises | — | 845,543 | — | 845,543 |
| Municipal securities | — | — | 306 | 306 |
| Other securities | — | — | 419 | 419 |
| Interest rate swap derivatives | — | 2,347 | — | 2,347 |
| Total assets at fair value | \$ — | \$ 1,158,868 | \$ 725 | \$ 1,159,593 |
| Liabilities: | | | | |
| Interest rate swap derivatives | \$ — | \$ 8,315 | \$ — | \$ 8,315 |
| Total liabilities at fair value | \$ — | \$ 8,315 | \$ — | \$ 8,315 |

The table below details the changes in level 3 financial instruments during the nine months ended September 30, 2016 and September 30, 2015:

| | Other securities | Municipal securities | Mortgage banking derivatives, net |
|--------------------------------|------------------|----------------------|-----------------------------------|
| Balance at December 31, 2014 | \$ 419 | \$ — | \$ — |
| Change in value | 58 | — | — |
| Purchase through acquisition | — | 346 | — |
| Net change in Level 3 | 58 | 346 | — |
| Balance at September 30, 2015 | \$ 477 | \$ 346 | \$ — |
| Balance at December 31, 2015 | \$ 419 | \$ 306 | \$ — |
| Gain included in earnings, net | — | — | 377 |
| Net change in Level 3 | — | — | 377 |
| Balance at September 30, 2016 | \$ 419 | \$ 306 | \$ 377 |

Fair Value Measured on a Non-recurring Basis

Certain assets may be recorded at fair value on a non-recurring basis as conditions warrant. These non-recurring fair value measurements typically result from the application of lower of cost or fair value accounting or a write-down occurring during the period.

The Company records collateral dependent loans that are considered to be impaired at their estimated fair value. A loan is considered impaired when it is probable that the Company will be unable to collect all contractual amounts due in accordance with the terms of the loan agreement. Collateral dependent impaired loans are measured based on the fair value of the collateral. The Company relies on third-party appraisals and internal assessments in determining the estimated fair values of these loans. The inputs used to determine the fair values of loans are considered level 3 inputs in the fair value hierarchy. At September 30, 2016, the Company measured one loan not accounted for under ASC 310-30 at fair value on a non-recurring basis, with a carrying balance of \$6.4 million and specific reserve balance of \$1.5 million. At September 30, 2015, the Company measured seven loans with a total carrying balance of \$16.1 million and total specific reserves of \$3.2 million.

The Company may be required to record fair value adjustments on loans held-for-sale on a non-recurring basis. The non-recurring fair value adjustments could involve lower of cost or fair value accounting and may include write-downs.

Table of Contents

OREO is recorded at the lower of the cost basis or the fair value of the collateral less estimated selling costs. The estimated fair values of OREO are updated periodically and further write-downs may be taken to reflect a new basis. The Company recognized \$0.3 million and \$0.8 million of OREO impairments in its consolidated statements of operations during the nine months ended September 30, 2016 and 2015, respectively. The fair values of OREO are derived from third party price opinions or appraisals that generally use an income approach or a market value approach. If reasonable comparable appraisals are not available, then the Company may use internally developed models to determine fair values. The inputs used to determine the fair values of OREO are considered level 3 inputs in the fair value hierarchy.

Premise and equipment held-for-sale are written down to estimated fair value less costs to sell in the period in which the held-for-sale criteria are met. Fair value is estimated in a process which considers current local commercial real estate market conditions and the judgment of the sales agents and often involves obtaining third party appraisals from certified real estate appraisers. These fair value measurements are classified as level 3. Unobservable inputs to these measures, which include estimates and judgments often used in conjunction with appraisals, are not readily quantifiable. The Company recognized \$1.1 million of impairments in its unaudited consolidated statements of operations related to banking centers classified as held-for-sale during the nine months ended September 30, 2015.

The table below provides information regarding the assets recorded at fair value on a non-recurring basis during the nine months ended September 30, 2016 and 2015:

| | September 30, 2016 | |
|-------------------------|--------------------|--------------------------------|
| | Total | Losses from fair value changes |
| Other real estate owned | \$ 21,200 | \$ 262 |
| Impaired loans | 35,411 | 17,546 |

| | September 30, 2015 | |
|-------------------------|--------------------|--------------------------------|
| | Total | Losses from fair value changes |
| Other real estate owned | \$ 19,034 | \$ 799 |
| Impaired loans | 50,506 | 433 |
| Premise and Equipment | 813 | 1,089 |

The Company did not record any liabilities for which the fair value was made on a non-recurring basis during the nine months ended September 30, 2016.

Edgar Filing: National Bank Holdings Corp - Form 10-Q

The following table provides information about the valuation techniques and unobservable inputs used in the valuation of financial instruments falling within level 3 of the fair value hierarchy as of September 30, 2016. The table below excludes non-recurring fair value measurements of collateral value used for impairment measures for OREO and premise and equipment. These valuations utilize third party appraisal or broker price opinions, and are classified as level 3 due to the significant judgment involved:

| | Fair value at September 30, 2016 | Valuation Technique | Unobservable Input | Qualitative Measures |
|-------------------------------------|--|---------------------|-----------------------------------|-------------------------|
| Other available-for-sale securities | \$ 419 | Par value | Par value | |
| Municipal securities | 306 | Par value | Par value | |
| Impaired loans | 35,411 | Appraised value | Appraised values Discount rate | 0% - 25% |

Table of Contents

Note 17 Fair Value of Financial Instruments

The fair value of a financial instrument is the amount that would be exchanged between willing parties, other than in a forced liquidation. Fair value is determined based upon quoted market prices to the extent possible; however, in many instances, there are no quoted market prices for the Company's various financial instruments. In cases where quoted market prices are not available, fair values are based on estimates using present value or other valuation techniques that may be significantly impacted by the assumptions used, including the discount rate and estimates of future cash flows. Changes in any of these assumptions could significantly affect the fair value estimates. The fair value of the financial instruments listed below does not reflect a premium or discount that could result from offering all of the Company's holdings of financial instruments at one time, nor does it reflect the underlying value of the Company, as ASC Topic 825 excludes certain financial instruments and all non-financial instruments from its disclosure requirements. The fair value of financial instruments at September 30, 2016 and December 31, 2015, including methods and assumptions utilized for determining fair value of financial instruments, are set forth below:

| | Level in fair value measurement hierarchy | September 30, 2016 | | December 31, 2015 | |
|---|--|--------------------|-------------------------|--------------------|-------------------------|
| | | Carrying amount | Estimated fair value | Carrying amount | Estimated fair value |
| ASSETS | | | | | |
| Cash and cash equivalents | Level 1 | \$ 124,977 | \$ 124,977 | \$ 166,092 | \$ 166,092 |
| Mortgage-backed securities—residential mortgage pass-through securities issued or guaranteed by U.S. Government agencies or sponsored enterprises available-for-sale | Level 2 | 251,238 | 251,238 | 310,978 | 310,978 |
| Mortgage-backed securities—other residential mortgage-backed securities issued or guaranteed by U.S. Government agencies or sponsored enterprises available-for-sale | Level 2 | 712,465 | 712,465 | 845,543 | 845,543 |
| Municipal securities | Level 2 | 4,425 | 4,425 | — | — |
| Municipal securities | Level 3 | 306 | 306 | 306 | 306 |
| Other available-for-sale securities | Level 3 | 419 | 419 | 419 | 419 |
| Mortgage-backed securities—residential mortgage pass-through securities issued or guaranteed by U.S. Government agencies or sponsored enterprises held-to-maturity | Level 2 | 281,536 | 286,848 | 340,131 | 342,812 |
| Mortgage-backed securities—other residential mortgage-backed securities issued or guaranteed by | Level 2 | 73,891 | 73,838 | 87,372 | 85,773 |

Edgar Filing: National Bank Holdings Corp - Form 10-Q

| | | | | | |
|--|---------|-----------|-----------|-----------|-----------|
| U.S. Government agencies or sponsored enterprises held-to-maturity | | | | | |
| Non-marketable securities | Level 2 | 12,373 | 12,373 | 22,529 | 22,529 |
| Loans receivable, net | Level 3 | 2,794,534 | 2,853,955 | 2,560,554 | 2,613,381 |
| Loans held-for-sale | Level 2 | 20,341 | 20,341 | 13,292 | 13,292 |
| Accrued interest receivable | Level 2 | 14,251 | 14,251 | 12,190 | 12,190 |
| Interest rate swap derivatives | Level 2 | 4,501 | 4,501 | 2,347 | 2,347 |
| Mortgage banking derivatives | Level 3 | 496 | 496 | — | — |
| LIABILITIES | | | | | |
| Deposit transaction accounts | Level 2 | 2,651,235 | 2,651,235 | 2,646,794 | 2,646,794 |
| Time deposits | Level 2 | 1,173,772 | 1,169,711 | 1,193,883 | 1,182,098 |
| Securities sold under agreements to repurchase | Level 2 | 113,307 | 113,307 | 136,523 | 136,523 |
| Federal Home Loan Bank advances | Level 2 | 51,359 | 52,324 | 40,000 | 40,919 |
| Accrued interest payable | Level 2 | 5,918 | 5,918 | 4,319 | 4,319 |
| Interest rate swap derivatives | Level 2 | 26,417 | 26,417 | 8,315 | 8,315 |
| Mortgage banking derivatives | Level 3 | 119 | 119 | — | — |

Cash and cash equivalents

Cash and cash equivalents have a short-term nature and the estimated fair value is equal to the carrying value.

Securities purchased under agreements to resell

The fair value of securities purchased under agreements to resell is estimated by discounting contractual maturities utilizing current market rates for similar instruments.

Table of Contents

Investment securities

The estimated fair value of investment securities is based on quoted market prices or bid quotations received from securities dealers. Other investment securities, including securities that are held for regulatory purposes are carried at cost, less any other- than-temporary impairment.

Loans receivable

The estimated fair value of the loan portfolio is estimated using a discounted cash flow analysis using a discount rate based on interest rates offered at the respective measurement dates for loans with similar terms to borrowers of similar credit quality. The allowance for loan losses is considered a reasonable estimate of any required adjustment to fair value to reflect the impact of credit risk. The estimates of fair value do not incorporate the exit-price concept prescribed by ASC Topic 820, Fair Value Measurements and Disclosures.

Loans held-for-sale

Loans held-for-sale are carried at the lower of aggregate cost or estimated fair value. The portfolio consists primarily of fixed rate residential mortgage loans that are sold within 45 days. The estimated fair value is based on quoted market prices for similar loans in the secondary market and is classified as level 2.

Accrued interest receivable

Accrued interest receivable has a short-term nature and the estimated fair value is equal to the carrying value.

Deposits

The estimated fair value of deposits with no stated maturity, such as non-interest bearing demand deposits, savings, NOW accounts, and money market accounts, is equal to the amount payable on demand. The fair value of interest-bearing time deposits is based on the discounted value of contractual cash flows of such deposits, taking into account the option for early withdrawal. The discount rate is estimated using the current market rates offered by the Company, at the respective measurement dates, for deposits of similar remaining maturities.

Derivative assets and liabilities

Fair values for derivative assets and liabilities are fully described in note 16 of the consolidated financial statements.

Securities sold under agreements to repurchase

The vast majority of the Company's repurchase agreements are overnight transactions that mature the day after the transaction, and as a result of this short-term nature, the estimated fair value is equal to the carrying value.

Accrued interest payable

Accrued interest payable has a short-term nature and the estimated fair value is equal to the carrying value.

Table of Contents

Item 2: MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS.

The following management's discussion and analysis of our financial condition and results of operations should be read in conjunction with our consolidated financial statements and related notes as of and for the three and nine months ended September 30, 2016, and with our annual report on Form 10-K (file number 001-35654), which includes our audited consolidated financial statements and related notes as of and for the years ended December 31, 2015, 2014, and 2013. This discussion and analysis contains forward-looking statements that involve risks, uncertainties and assumptions that may cause actual results to differ materially from management's expectations. Factors that could cause such differences are discussed in the section entitled "Cautionary Note Regarding Forward-Looking Statements" located elsewhere in this quarterly report and in Item 1A "Risk Factors" in the annual report on Form 10-K, referenced above, and should be read herewith.

On December 31, 2015, our bank subsidiary converted to a Colorado state-chartered bank and changed its name from NBH Bank, N.A. to NBH Bank. All references to NBH Bank should be considered synonymous with references to NBH Bank, N.A. prior to the name change.

All amounts are in thousands, except share data, or as otherwise noted.

Overview

National Bank Holdings Corporation is a bank holding company formed in 2009, with banking operations beginning in October 2010. We completed an initial public offering of our stock on September 20, 2012, when we began trading on the NYSE under the ticker symbol "NBHC." Through our subsidiary, NBH Bank, we provide a variety of banking products to both commercial and consumer clients through a network of 91 banking centers, located in Colorado, the greater Kansas City area and Texas, and through online and mobile banking products. We operate under the following brand names: Community Banks of Colorado in Colorado, Bank Midwest in Kansas and Missouri, and Hillcrest Bank in Texas.

In 2010 and 2011, we completed the acquisition and integration of four problem or failed banks, three of which were FDIC-assisted. During the third quarter of 2015, we completed the acquisition of Pine River, which is included in our Community Banks of Colorado brand. We have transformed these five banks into one collective banking operation with steadily increasing organic growth, prudent underwriting, and meaningful market share with continued opportunity for expansion. Our long-term business model utilizes our organic growth infrastructure, low-risk balance sheet, continuous operational development and a disciplined acquisition strategy to create value and provide opportunities for growth.

As of September 30, 2016 we had \$4.6 billion in assets, \$2.8 billion in loans, \$3.8 billion in deposits and \$0.5 billion in equity. We believe that our established presence positions us well for growth opportunities. Our focus is on building strong banking relationships with small to mid-sized businesses and consumers, while maintaining a low risk profile designed to generate reliable income streams and attractive returns. Through our acquisitions, we have established a solid financial services franchise with a sizable presence for deposit gathering and building client relationships necessary for growth.

Operating Highlights and Key Challenges

Our operations resulted in the following highlights as of and for the nine months ended September 30, 2016 (except as noted):

Loan portfolio

- Total loans were \$2.8 billion, a \$234.9 million increase, or 12.1%, annualized.
- Organic loan originations totaled \$762.3 million year-to-date and \$1.0 billion on a trailing twelve month basis.
- Originated loans totaled \$2.5 billion and increased \$321.2 million, or 19.7%, annualized.

Credit quality

- A provision for loan losses on the non 310-30 loans of \$23.2 million compared to \$6.9 million in 2015 was driven by loan growth and increased reserves against the energy sector portfolio of \$19.0 million.

Table of Contents

- Net charge-offs within the non 310-30 portfolio totaled 1.16%, annualized, increasing from 0.12% for the full year of 2015, driven by charge-offs of \$19.1 million on energy sector loans this year, or 1.03%, annualized, on total loans.
- Non-performing non 310-30 loans represented 0.84% of total non 310-30 loans, compared to 1.08% at December 31, 2015. Outside of the energy sector loans, the loan portfolio credit profile remains strong as evidenced by the non-performing loans to total loans ratio of 0.33%.

Client deposit funded balance sheet

- Total deposits and client repurchase agreements averaged \$4.0 billion and decreased \$47.3 million from the first nine months of the prior year as the increase in average transaction deposits of \$176.8 million was offset by lower average time deposits of \$120.6 million and lower average client repurchase agreements of \$103.5 million.
- Transaction account balances improved to 69.3% of total deposits as of September 30, 2016 from 68.9% at December 31, 2015.
- As of September 30, 2016, total deposits and client repurchase agreements made up 97.1% of our total liabilities.

Revenues and expenses

- Net interest income totaled \$109.9 million, a decrease of \$7.2 million, or 6.1%, from the first nine months of 2015. On a fully taxable equivalent (FTE) basis, net interest income totaled \$112.9 million and decreased \$5.9 million, or 4.9%, from the first nine months of 2015. Lower levels of higher-yielding 310-30 loans and investment portfolio paydowns decreased interest income \$15.5 million and were partially offset by a \$10.0 million increase in non 310-30 interest income from new loan originations.
- Non-interest income was \$30.0 million during the first nine months of 2016, compared to \$6.0 million for the first nine months of the prior year, an increase of \$24.0 million. The increase was primarily driven by negative \$20.4 million of FDIC-related income coupled with a \$1.8 million gain on sale of a building this year, a \$1.3 million increase in OREO related income, and a \$1.0 million increase in gain on recoveries of acquired loans. Additionally, bank card fees grew \$0.5 million on the strength of higher interchange activity. Partially offsetting these increases were \$0.6 million lower service charges due to lower instances of overdrafts, a \$0.9 million negative mark-to-market adjustment related to fair value interest rate swaps on fixed-rate term loans and a \$1.0 million bargain purchase gain recorded in the prior year. Other income increased a net \$1.5 million primarily from higher interest rate swap fees from clients and an increase in bank-owned life insurance income.
- Non-interest expense totaled \$101.6 million during the first nine months of 2016, decreasing \$14.2 million, or 12.3%, compared to the first nine months of the prior year. The decrease was partially due to lower salaries and benefits, professional fees, and occupancy and equipment expenses totaling \$2.9 million. Other non-interest expenses were also lower \$6.6 million, primarily due to lower telecommunications and data processing expense benefiting from the core system conversion and lower marketing expense. Problem asset workout expenses decreased \$2.3 million consistent with the decrease in acquired problem credits, coupled with a \$1.8 million increase in gain on sale of OREO compared to the prior year. Additionally, the prior period included banking center consolidation related expenses of \$1.1 million, offset by warrant liability income of \$0.4 million.

Strong capital position

- Capital ratios are strong as our capital position remains in excess of federal bank regulatory thresholds. As of September 30, 2016, our consolidated tier 1 leverage ratio was 10.46% and our consolidated tier 1 risk-based capital and common equity tier 1 risk-based capital ratios were both 14.43%.

41

Table of Contents

- The after-tax value of the accretable yield on ASC 310-30 loans in excess of 4.0%, and discounted at 5% to consider the timing of the excess accreted interest income recognition, adds \$0.99 per share to our tangible book value per share as of September 30, 2016.
- During the nine months ended September 30, 2016, we repurchased 4.2 million shares, or 13.9% of outstanding shares, at a weighted average price of \$20.62 per share. Since early 2013 and through September 30, 2016, we have repurchased 26.4 million shares, or 50.4% of outstanding shares, at an attractive weighted average price of \$20.00 per share.

Key Challenges

There are a number of significant challenges confronting us and our industry. In our short history, we have acquired distressed financial institutions, and sought to rebuild them and implement operational efficiencies across the enterprise as a whole. We face continual challenges implementing our business strategy, including growing the assets and deposits of our business amidst intense competition, particularly for loans and deposits, low interest rates, changes in the regulatory environment and identifying and consummating disciplined merger and acquisition opportunities in a very competitive environment.

General economic conditions continue to modestly improve in 2016, but continue to be somewhat dampened by the uncertainty about the strength of the recovery, both nationally and in our markets. Residential real estate values have largely recovered from their lows and commercial real estate property fundamentals continued to improve in our markets and nationally across all property types and classes. We consider this recovery with guarded optimism. A significant portion of our loan portfolio is secured by real estate and any deterioration in real estate values or credit quality or elevated levels of non-performing assets would ultimately have a negative impact on the quality of our loan portfolio.

Oil and gas prices began a steep decline in November 2014 and have remained cyclically low through the third quarter of 2016. While there have been job losses related to the Energy sector, employment rates and job creation have trended favorably as other industry sectors have offset declines in Energy. Nevertheless, the direct impact on the Energy sector has been profound and we have experienced credit deterioration and credit losses in our Energy loan portfolio. Energy loans comprised 3.1% of our total loans and prolonged or further pricing pressure on oil and gas could lead to additional credit stress in our energy portfolio.

Total loans ended the quarter at \$2.8 billion, increasing \$234.9 million during the nine months ended September 30, 2016, 12.1% annualized, on the strength of \$762.3 million of loan originations that were partially offset by loan paydowns, particularly in our acquired problem loan portfolio, as well as paydowns and charge-offs in our energy portfolio. Our acquired loans have produced higher yields than our originated loans due to the recognition of accretion of fair value adjustments and accretable yield. The tepid economic recovery, global economic uncertainty and intense loan competition have kept interest rates low during the nine months ended September 30, 2016, limiting the yields we have been able to obtain on originated loans. During the nine months ended September 30, 2016, our weighted average yield on loan originations was 3.65% (fully taxable equivalent), which is lower than the 2015 weighted

average yield of our total loan portfolio of 5.71% (fully taxable equivalent). We expect downward pressure on the yields on our total loan portfolio to the extent that our originated loan portfolio does not provide sufficient yields to replace the high yields on the acquired loan portfolio as they pay down or pay off. Growth in our interest income will ultimately be dependent on our ability to generate sufficient volumes of high-quality originated loans.

Increased regulation, impending new liquidity and capital constraints, and a continual need to bolster cybersecurity are adding costs and uncertainty to all U.S. banks and could affect profitability. Also, nontraditional participants in the market may offer increased competition as non-bank payment businesses are expanding into traditional banking products. While certain external factors are out of our control and may provide obstacles to our business strategy, we believe that we are prepared to deal with these challenges. We seek to remain flexible, yet methodical and proactive, in our strategic decision making so that we can quickly respond to market changes and the inherent challenges and opportunities that accompany such changes.

Performance Overview

As a financial institution, we routinely evaluate and review our consolidated statements of financial condition and results of operations. We evaluate the levels, trends and mix of the statements of financial condition and statements of operations line items and compare those levels to our budgeted expectations, our peers, industry averages and historical trends.

Table of Contents

Within our consolidated statements of financial condition, we specifically evaluate and manage the following:

Loan balances - We monitor our loan portfolio to evaluate loan originations, payoffs, and profitability. We forecast loan originations and payoffs within the overall loan portfolio, and we work to resolve problem loans and OREO in an expeditious manner.

Asset quality - We monitor the asset quality of our loans and OREO through a variety of metrics, and we work to resolve problem assets in an efficient manner. Specifically, we monitor the resolution of problem loans through payoffs, pay downs and foreclosure activity. We marked all of our acquired assets to fair value at the date of their respective acquisitions, taking into account our estimation of credit quality. Loans accounted for under ASC Topic 310-30 are re-measured quarterly.

Our evaluation of traditional credit quality metrics and the allowance for loan losses (“ALL”) levels, especially when compared to industry averages or to other financial institutions, takes into account that any credit quality deterioration that existed at the date of acquisition was considered in the original valuation of those assets on our balance sheet. These factors limit the comparability of our credit quality and ALL levels to peers or other financial institutions.

Deposit balances - We monitor our deposit levels by type, market and rate. Our loans are funded through our deposit base, and we seek to optimize our deposit mix in order to provide reliable, low-cost funding sources.

Liquidity - We monitor liquidity based on policy limits and through projections of sources and uses of cash. In order to test the adequacy of our liquidity, we routinely perform various liquidity stress test scenarios that incorporate wholesale funding maturities, if any, certain deposit run-off rates and access to borrowings. We manage our liquidity primarily through our balance sheet mix, including our cash and our investment security portfolio, and the interest rates that we offer on our loan and deposit products, coupled with contingency funding plans as necessary.

Capital - We monitor our capital levels, including evaluating the effects of share repurchases and potential acquisitions, to ensure continued compliance with regulatory requirements. We review our tier 1 leverage capital ratios, our common equity tier 1 risk-based capital ratios, our tier 1 risk-based capital ratios and our total risk-based capital ratios on a regular basis.

Within our consolidated results of operations, we specifically evaluate the following:

Net interest income - Net interest income represents the amount by which interest income on interest earning assets exceeds interest expense incurred on interest bearing liabilities. We generate interest income through interest and dividends on loans, investment securities, securities purchased under agreements to resell and interest bearing bank deposits. Our acquired loans have generally produced higher yields than our originated loans due to the recognition of accretion of fair value adjustments and accretable yield and, as a result, we have historically had downward pressure on our interest income. While there is still some volatility in our interest income due to the nature of our portfolio, solid loan originations are helping to stabilize interest income by offsetting the decrease in interest income from the higher yielding acquired loans with the interest income earned on new loan originations. We incur interest expense on our interest bearing deposits, repurchase agreements and on our FHLB advances, and we would also incur interest expense on any future borrowings, including any debt assumed in acquisitions. We strive to maximize our interest income by acquiring and originating loans and investing excess cash in investment securities. Furthermore, we seek to minimize our interest expense through low-cost funding sources, thereby maximizing our net interest income.

Provision for loan losses - The provision for loan losses includes the amount of expense that is required to maintain the ALL at an adequate level to absorb probable losses inherent in the non 310-30 loan portfolio at the balance sheet date. Additionally, we incur a provision for loan losses on loans accounted for under ASC 310-30 as a result of a decrease in the net present value of the expected future cash flows during the periodic re-measurement of the cash flows associated with these pools of loans. The determination of the amount of the provision for loan losses and the related ALL is complex and involves a high degree of judgment and subjectivity to maintain a level of ALL that is considered by management to be appropriate under GAAP.

Non-interest income - Non-interest income consists of service charges, bank card fees, gains on sales of mortgages, gains on sales of investment securities, gains on previously charged-off acquired loans, OREO related write-ups and other income and other non-interest income. For additional information, see "Application of Critical Accounting Policies-Valuation of Assets Acquired and Liabilities Assumed and Acquisition Accounting Application" and note 2 in our consolidated financial statements in our 2015 Annual Report on Form 10-K.

Table of Contents

Non-interest expense - The primary components of our non-interest expense are salaries and benefits, occupancy and equipment, and telecommunications and data processing. Any expenses related to the resolution of problem assets are also included in non-interest expense. These expenses are dependent on individual resolution circumstances and, as a result, are not consistent from period to period. We seek to manage our non-interest expense in order to maximize efficiencies.

Net income - We utilize traditional industry return ratios such as return on average assets, return on average tangible assets, return on average equity and, return on average tangible equity to measure and assess our returns in relation to our balance sheet profile.

Table of Contents

In evaluating the financial statement line items described above, we evaluate and manage our performance based on key earnings indicators, balance sheet ratios, asset quality metrics and regulatory capital ratios, among others. The table below presents some of the primary performance indicators that we use to analyze our business on a regular basis for the periods indicated:

| | As of and for the three months ended | | | As of and for the nine months ended | |
|---|--------------------------------------|-------------------|--------------------|-------------------------------------|--------------------|
| | September 30, 2016 | December 31, 2015 | September 30, 2015 | September 30, 2016 | September 30, 2015 |
| Key Ratios(1) | | | | | |
| Return on average assets | 0.72% | 0.28% | 0.13% | 0.37% | 0.04% |
| Return on average tangible assets(2) | 0.80% | 0.36% | 0.21% | 0.45% | 0.11% |
| Return on average tangible assets before provision for loan losses and taxes FTE(2) | 1.55% | 1.31% | 0.50% | 1.32% | 0.36% |
| Return on average equity | 5.76% | 2.13% | 0.98% | 2.92% | 0.28% |
| Return on average tangible common equity(2) | 7.07% | 2.97% | 1.64% | 3.88% | 0.81% |
| Interest earning assets to interest bearing liabilities (end of period)(3) | 133.09% | 133.71% | 134.58% | 133.09% | 134.58% |
| Loans to deposits ratio (end of period) | 74.32% | 67.72% | 65.41% | 74.32% | 65.41% |
| Non-interest bearing deposits to total deposits (end of period) | 22.00% | 21.22% | 21.17% | 22.00% | 21.17% |
| Net interest margin(4) | 3.49% | 3.64% | 3.47% | 3.41% | 3.50% |
| Net interest margin FTE(2)(4) | 3.59% | 3.73% | 3.54% | 3.51% | 3.55% |
| Interest rate spread(5) | 3.46% | 3.61% | 3.43% | 3.39% | 3.44% |
| Yield on earning assets(3) | 3.84% | 3.97% | 3.79% | 3.75% | 3.83% |
| Yield on earning assets FTE(2)(3) | 3.93% | 4.05% | 3.87% | 3.85% | 3.88% |
| Cost of interest bearing liabilities(3) | 0.47% | 0.44% | 0.44% | 0.46% | 0.44% |
| Cost of deposits | 0.36% | 0.35% | 0.35% | 0.36% | 0.36% |
| Non-interest expense to average assets | 2.89% | 3.55% | 3.18% | 2.90% | 3.18% |
| Efficiency ratio FTE(2)(6) | 64.37% | 72.61% | 86.25% | 68.19% | 89.55% |
| Asset Quality Data(7)(8)(9) | | | | | |
| Non-performing loans to total loans | 0.80% | 0.99% | 1.14% | 0.80% | 1.14% |
| Non-performing assets to total loans and OREO | 1.54% | 1.81% | 1.91% | 1.54% | 1.91% |

Edgar Filing: National Bank Holdings Corp - Form 10-Q

| | | | | | |
|---|---------|---------|--------|---------|--------|
| Allowance for loan losses to total loans | 0.99% | 1.05% | 0.94% | 0.99% | 0.94% |
| Allowance for loan losses to non-performing loans | 124.66% | 105.74% | 83.18% | 124.66% | 83.18% |
| Net charge-offs to average loans(1) | 2.49% | 0.33% | 0.02% | 1.08% | 0.05% |

- (1) Ratios are annualized.
- (2) Ratio represents non-GAAP financial measure. See non-GAAP reconciliation below.
- (3) Interest earning assets include assets that earn interest/accretion or dividends which is not part of interest earning assets. Any market value adjustments on investment securities are excluded from interest-earning assets. Interest bearing liabilities include liabilities that must be paid interest.
- (4) Net interest margin represents net interest income, including accretion income on interest earning assets, as a percentage of average interest earning assets.
- (5) Interest rate spread represents the difference between the weighted average yield on interest earning assets and the weighted average cost of interest bearing liabilities.
- (6) The efficiency ratio represents non-interest expense, less intangible asset amortization, as a percentage of net interest income on a FTE basis plus non-interest income and is considered a non-GAAP ratio.
- (7) Non-performing loans consist of non-accruing loans and restructured loans on non-accrual, but exclude any loans accounted for under ASC 310-30 in which the pool is still performing. These ratios may, therefore, not be comparable to similar ratios of our peers.
- (8) Non-performing assets include non-performing loans, other real estate owned and other repossessed assets.
- (9) Total loans are net of unearned discounts and fees.

Table of Contents

About Non-GAAP Financial Measures

Certain of the financial measures and ratios we present, including “tangible assets,” “return on average tangible assets,” “return on average tangible assets before provision for loan losses and taxes,” “return on average tangible common equity,” “tangible common book value,” “tangible common book value per share,” “tangible common equity,” “tangible common equity to tangible assets,” and “fully taxable equivalent (FTE)” metrics are supplemental measures that are not required by, or are not presented in accordance with, U.S. generally accepted accounting principles (GAAP). We refer to these financial measures and ratios as “non-GAAP financial measures.” We consider the use of select non-GAAP financial measures and ratios to be useful for financial and operational decision making and useful in evaluating period-to-period comparisons. We believe that these non-GAAP financial measures provide meaningful supplemental information regarding our performance by excluding certain expenditures or assets that we believe are not indicative of our primary business operating results or by presenting certain metrics on a FTE basis. We believe that management and investors benefit from referring to these non-GAAP financial measures in assessing our performance and when planning, forecasting, analyzing and comparing past, present and future periods.

These non-GAAP financial measures are presented for supplemental informational purposes only and should not be considered a substitute for financial information presented in accordance with GAAP. The non-GAAP financial measures we present may differ from non-GAAP financial measures used by our peers or other companies. In particular, the items that we exclude in our adjustments are not necessarily consistent with the items that our peers may exclude from their results of operations and key financial measures and therefore may limit the comparability of similarly named financial measures and ratios. We compensate for these limitations by providing the equivalent GAAP measures whenever we present the non-GAAP financial measures and by including a reconciliation of the impact of the components adjusted for in the non-GAAP financial measure so that both measures and the individual components may be considered when analyzing our performance.

Table of Contents

A reconciliation of our non-GAAP financial measures to the comparable GAAP financial measures is as follows.

Tangible Common Book Value Ratios

| | September 30, 2016 | December 31, 2015 | September 30, 2015 |
|---|--------------------|-------------------|--------------------|
| Total shareholders' equity | \$ 549,772 | \$ 617,544 | \$ 621,193 |
| Less: goodwill and intangible assets, net | (67,950) | (72,060) | (73,429) |
| Add: deferred tax liability related to goodwill | 8,935 | 7,772 | 7,385 |
| Tangible common equity (non-GAAP) | \$ 490,757 | \$ 553,256 | \$ 555,149 |
| | | | |
| Total assets | \$ 4,606,413 | \$ 4,683,908 | \$ 4,788,049 |
| Less: goodwill and intangible assets, net | (67,950) | (72,060) | (73,429) |
| Add: deferred tax liability related to goodwill | 8,935 | 7,772 | 7,385 |
| Tangible assets (non-GAAP) | \$ 4,547,398 | \$ 4,619,620 | \$ 4,722,005 |
| | | | |
| Tangible common equity to tangible assets calculations: | | | |
| Total shareholders' equity to total assets | 11.93% | 13.18% | 12.97% |
| Less: impact of goodwill and intangible assets, net | (1.14)% | (1.20)% | (1.21)% |
| Tangible common equity to tangible assets (non-GAAP) | 10.79% | 11.98% | 11.76% |
| | | | |
| Tangible common book value per share calculations: | | | |
| Tangible common equity (non-GAAP) | \$ 490,757 | \$ 553,256 | \$ 555,149 |
| Divided by: ending shares outstanding | 26,282,224 | 30,358,509 | 30,318,684 |
| Tangible common book value per share (non-GAAP) | \$ 18.67 | \$ 18.22 | \$ 18.31 |
| | | | |
| Tangible common book value per share, excluding accumulated other comprehensive income calculations: | | | |
| Tangible common equity (non-GAAP) | \$ 490,757 | \$ 553,256 | \$ 555,149 |
| Less: accumulated other comprehensive income, net of tax | (8,547) | (95) | (8,736) |
| Tangible common book value, excluding accumulated other comprehensive income, net of tax (non-GAAP) | 482,210 | 553,161 | 546,413 |
| Divided by: ending shares outstanding | 26,282,224 | 30,358,509 | 30,318,684 |
| Tangible common book value per share, excluding accumulated other comprehensive income, net of tax (non-GAAP) | \$ 18.35 | \$ 18.22 | \$ 18.02 |

Table of Contents

Return on Average Tangible Assets and Return on Average Tangible Equity

| | As of and for the three months ended | | As of and for the nine months ended | |
|---|--------------------------------------|------------------|-------------------------------------|--------------------|
| | September 30, 2016 | October 31, 2015 | September 30, 2015 | September 30, 2015 |
| Net income | \$ 8,314 | \$ 3,340 | \$ 1,636 | \$ 13,069 |
| Add: impact of core deposit intangible amortization expense, after tax | 836 | 836 | 829 | 2,507 |
| Net income adjusted for impact of core deposit intangible amortization expense, after tax | \$ 9,150 | \$ 4,176 | \$ 2,465 | \$ 15,576 |
| Income before income taxes FTE (non-GAAP) | \$ 11,050 | \$ 8,623 | \$ 878 | \$ 18,988 |
| Add: impact of core deposit intangible amortization expense, before tax | 1,370 | 1,370 | 1,359 | 4,110 |
| Add: provision for loan losses | 5,293 | 5,423 | 3,710 | 22,369 |
| FTE income adjusted for impact of core deposit intangible amortization expense and provision (non-GAAP) | \$ 17,713 | \$ 15,416 | \$ 5,947 | \$ 45,467 |
| Average assets | \$ 4,600,769 | \$ 4,723,132 | \$ 4,819,462 | \$ 4,672,007 |
| Less: average goodwill and intangible assets, net of deferred tax asset related to goodwill | (59,685) | (64,954) | (66,575) | (61,051) |
| Average tangible assets (non-GAAP) | \$ 4,541,084 | \$ 4,658,179 | \$ 4,752,887 | \$ 4,610,956 |
| Average shareholders' equity | \$ 574,574 | \$ 622,239 | \$ 663,237 | \$ 597,206 |
| Less: average goodwill and intangible assets, net of deferred tax asset related to goodwill | (59,685) | (64,954) | (66,575) | (61,051) |
| Average tangible common equity (non-GAAP) | \$ 514,889 | \$ 557,285 | \$ 596,662 | \$ 536,155 |

Edgar Filing: National Bank Holdings Corp - Form 10-Q

| | | | | | |
|---|-------|-------|-------|-------|-------|
| Return on average assets (non-GAAP) | 0.72% | 0.28% | 0.13% | 0.37% | 0.04% |
| Return on average tangible assets (non-GAAP) | 0.80% | 0.36% | 0.21% | 0.45% | 0.11% |
| Return on average tangible assets before provision for loan losses and taxes FTE (non-GAAP) | 1.55% | 1.31% | 0.50% | 1.32% | 0.36% |
| Return on average equity (non-GAAP) | 5.76% | 2.13% | 0.98% | 2.92% | 0.28% |
| Return on average tangible common equity (non-GAAP) | 7.07% | 2.97% | 1.64% | 3.88% | 0.81% |

Fully Taxable Equivalent Yield on Earning Assets and Net Interest Margin

| | As of and for the three months ended | | | As of and for the nine months ended | |
|--|--------------------------------------|-------------------|--------------------|-------------------------------------|--------------------|
| | September 30, 2016 | December 31, 2015 | September 30, 2015 | September 30, 2016 | September 30, 2015 |
| Interest income | \$ 40,764 | \$ 43,492 | \$ 42,311 | \$ 120,790 | \$ 127,915 |
| Add: impact of taxable equivalent adjustment | 1,041 | 928 | 822 | 3,053 | 1,767 |
| Interest income FTE (non-GAAP) | \$ 41,805 | \$ 44,420 | \$ 43,133 | \$ 123,843 | \$ 129,682 |
| Net interest income | \$ 37,064 | \$ 39,929 | \$ 38,682 | \$ 109,855 | \$ 117,016 |
| Add: impact of taxable equivalent adjustment | 1,041 | 928 | 822 | 3,053 | 1,767 |
| Net interest income FTE (non-GAAP) | \$ 38,105 | \$ 40,857 | \$ 39,504 | \$ 112,908 | \$ 118,783 |
| Average earning assets | \$ 4,227,732 | \$ 4,348,462 | \$ 4,423,279 | \$ 4,301,320 | \$ 4,469,696 |
| Yield on earning assets | 3.84% | 3.97% | 3.79% | 3.75% | 3.83% |
| Yield on earning assets FTE (non-GAAP) | 3.93% | 4.05% | 3.87% | 3.85% | 3.88% |
| Net interest margin | 3.49% | 3.64% | 3.47% | 3.41% | 3.50% |
| Net interest margin FTE (non-GAAP) | 3.59% | 3.73% | 3.54% | 3.51% | 3.55% |

Table of Contents

Application of Critical Accounting Policies

We use accounting principles and methods that conform to GAAP and general banking practices. We are required to apply significant judgment and make material estimates in the preparation of our financial statements and with regard to various accounting, reporting and disclosure matters. Assumptions and estimates are required to apply these principles where actual measurement is not possible or practical. The most significant of these estimates relate to the fair value determination of assets acquired and liabilities assumed in business combinations, the accounting for acquired loans and the determination of the ALL. These critical accounting policies and estimates are summarized in the sections captioned "Application of Critical Accounting Policies" in Management's Discussion and Analysis in our 2015 Annual Report on Form 10-K, and are further analyzed with other significant accounting policies in note 2, "Summary of Significant Accounting Policies" in the notes to our consolidated financial statements for the year ended December 31, 2015. Described below are changes to the application of significant accounting policies since December 31, 2015.

Loans held for sale— The Company enters into commitments to originate residential mortgage loans whereby the interest rate on the loan is determined prior to funding (i.e. interest rate lock commitments). Such interest rate lock commitments on mortgage loans to be sold in the secondary market are considered to be derivatives. To protect against the price risk inherent in residential mortgage loan commitments, the Company utilizes both "best efforts" and "mandatory delivery" forward loan sale commitments to mitigate the risk of potential increases or decreases in the values of loans that would result from the change in market rates for such loans. See further discussion in note 14.

Income taxes—For the three and nine months ended September 30, 2015, the Company utilized the discrete effective tax rate method provision as allowed by ASC 740-270-30-18, "Income Taxes-Interim Reporting," to calculate its interim income tax provision. See further discussion in note 13.

Financial Condition

Total assets decreased to \$4.6 billion at September 30, 2016 from \$4.7 billion at December 31, 2015. During the nine months ended September 30, 2016, the decrease from the investment securities portfolio and acquired 310-30 loans was used to fund new loan growth. Total loans were \$2.8 billion at September 30, 2016, and grew \$234.9 million, or 12.1% annualized from December 31, 2015. Originated loans totaled \$2.5 billion and increased \$321.2 million, or 19.7%, annualized. Lower cost demand, savings, and money market ("transaction") deposits were consistent with prior years, while time deposits decreased \$20.1 million, or 1.7%, as we continued to focus on developing a long-term banking relationship with clients.

Investment Securities

Available-for-sale

Total investment securities available-for-sale were \$1.0 billion at September 30, 2016, compared to \$1.2 billion at December 31, 2015, a decrease of \$188.4 million, or 16.3%. During the nine months ended September 30, 2016, maturities and pay downs of available-for-sale securities totaled \$207.4 million, and purchases of available-for-sale securities totaled \$4.9 million. Our available-for-sale investment securities portfolio is summarized as follows for the periods indicated:

| | September 30, 2016 | | | | December 31, 2015 | | | |
|--|--------------------|------------|----------------------|------------------------|-------------------|--------------|----------------------|------------------------|
| | Amortized cost | Fair value | Percent of portfolio | Weighted average yield | Amortized cost | Fair value | Percent of portfolio | Weighted average yield |
| Mortgage-backed securities ("MBS"): | | | | | | | | |
| Residential mortgage pass-through securities issued or guaranteed by U.S. Government agencies or sponsored enterprises | \$ 243,792 | \$ 251,238 | 26.0% | 2.20% | \$ 305,773 | \$ 310,978 | 26.8% | 2.24% |
| Other residential MBS issued or guaranteed by U.S. Government agencies or sponsored enterprises | 714,425 | 712,465 | 73.5% | 1.69% | 861,321 | 845,543 | 73.1% | 1.74% |
| Municipal securities | 4,723 | 4,731 | 0.5% | 3.34% | 306 | 306 | 0.0% | 0.00% |
| Other securities | 419 | 419 | 0.0% | 0.00% | 419 | 419 | 0.1% | 0.00% |
| Total investment securities available-for-sale | \$ 963,359 | \$ 968,853 | 100.0% | 1.83% | \$ 1,167,819 | \$ 1,157,246 | 100.0% | 1.87% |

Table of Contents

As of September 30, 2016 and December 31, 2015, generally the entire available-for-sale investment portfolio was backed by mortgages. The residential mortgage pass-through securities portfolio is comprised of both fixed rate and adjustable rate Federal Home Loan Mortgage Corporation (“FHLMC”), Federal National Mortgage Association (“FNMA”) and Government National Mortgage Association (“GNMA”) securities. The other mortgage-backed securities are comprised of securities backed by FHLMC, FNMA and GNMA securities.

At September 30, 2016 and December 31, 2015, adjustable rate securities comprised 6.8% and 7.3%, respectively, of the available-for-sale MBS portfolio. The remainder of the portfolio was comprised of fixed rate amortizing securities with 10 to 30 year contractual maturities, with a weighted average coupon of 1.94% and 2.10% at September 30, 2016 and December 31, 2015, respectively.

The available-for-sale investment portfolio included \$5.1 million and \$19.9 million of gross unrealized losses at September 30, 2016 and December 31, 2015, respectively, which were offset by \$10.6 million and \$9.4 million of gross unrealized gains for the aforementioned periods, respectively. In addition to the U.S. Government agency or sponsored enterprise backings of our MBS portfolio, we believe any unrecognized losses are a result of prevailing interest rates, and as such, we do not believe that any of the securities with unrealized losses were other-than-temporarily impaired.

Held-to-maturity

At September 30, 2016, we held \$355.4 million of held-to-maturity investment securities, compared to \$427.5 million at December 31, 2015, a decrease of \$72.1 million, or 16.9%. During the nine months ended September 30, 2016, maturities and pay downs of held-to-maturity securities totaled \$69.2 million, while there were no purchases of held-to-maturity securities. Held-to-maturity investment securities are summarized as follows as of the date indicated:

| | September 30, 2016 | | | Weighted average yield | December 31, 2015 | | | Weighted average yield |
|--|--------------------|---------------|----------------------------|------------------------------|-------------------|---------------|----------------------------|------------------------------|
| | Amortized cost | Fair value | Percent of portfolio | | Amortized cost | Fair value | Percent of portfolio | |
| Mortgage-backed securities (“MBS”): | | | | | | | | |
| Residential mortgage pass-through securities issued or guaranteed by | \$ 281,536 | \$ 286,848 | 79.2% | 3.26% | \$ 340,131 | \$ 342,812 | 79.6% | 3.24% |

| | | | | | | | | |
|---|------------|------------|--------|-------|------------|------------|--------|-------|
| U.S. Government agencies or sponsored enterprises | | | | | | | | |
| Other residential MBS issued or guaranteed by U.S. Government agencies or sponsored enterprises | 73,891 | 73,838 | 20.8% | 1.66% | 87,372 | 85,773 | 20.4% | 1.69% |
| Total investment securities held-to-maturity | \$ 355,427 | \$ 360,686 | 100.0% | 2.89% | \$ 427,503 | \$ 428,585 | 100.0% | 2.92% |

The residential mortgage pass-through and other residential MBS held-to-maturity investment portfolios are comprised of fixed rate FHLMC, FNMA and GNMA securities.

The fair value of the held-to-maturity investment portfolio was \$360.7 million and \$428.6 million, at September 30, 2016 and December 31, 2015, respectively, and included \$5.3 million and \$1.1 million of net unrealized gains for the respective periods.

Loans Overview

At September 30, 2016, our loan portfolio was comprised of new loans that we originated and loans that were acquired in connection with our five acquisitions to date.

As discussed in note 4 to our consolidated financial statements, in accordance with applicable accounting guidance, all acquired loans are recorded at fair value at the date of acquisition, and an allowance for loan losses is not carried over with the loans but, rather, the fair value of the loans encompasses both credit quality and contractual interest rate considerations. Loans that exhibit signs of credit deterioration at the date of acquisition are accounted for in accordance with the provisions of ASC 310-30, Loans and Debt Securities Acquired with Deteriorated Credit Quality (“ASC 310-30”). Management accounted for all loans acquired in the Hillcrest Bank, Bank of Choice and Community Banks of Colorado acquisitions under ASC 310-30, with the exception of loans with revolving privileges, which were outside the scope of ASC 310-30. In our Bank Midwest transaction, we did not acquire all of the loans of the former Bank Midwest but, rather, selected certain loans based upon specific criteria of performance, adequacy of collateral, and loan type that were performing at the time of acquisition. As a result, none of the loans acquired in the Bank Midwest transaction are accounted for under ASC 310-30. None of the loans acquired in the Pine River transaction were accounted for under ASC 310-30.

Table of Contents

The table below shows the loan portfolio composition and the breakdown of the portfolio between ASC 310-30 loans and non 310-30 loans at the respective dates:

| | September 30, 2016 | June 30, 2016 | September 30, 2016 vs. June 30, 2016 % Change | December 31, 2015 | September 30, 2016 vs. December 30, 2015 % Change |
|--|-----------------------|---------------|--|----------------------|---|
| Loans excluded from ASC 310-30: | | | | | |
| Commercial: | | | | | |
| Commercial and industrial | \$ 1,043,544 | \$ 1,015,858 | 2.7% | \$ 892,889 | 16.9% |
| Owner occupied commercial real estate | 213,986 | 191,668 | 11.6% | 184,619 | 15.9% |
| Agriculture | 133,109 | 131,685 | 1.1% | 145,558 | (8.6%) |
| Energy | 86,628 | 104,663 | (17.2%) | 146,880 | (41.0%) |
| Total Commercial | 1,477,267 | 1,443,874 | 2.3% | 1,369,946 | 7.8% |
| Commercial real estate non-owner occupied | 453,248 | 424,020 | 6.9% | 321,712 | 40.9% |
| Residential real estate | 706,791 | 674,830 | 4.7% | 662,550 | 6.7% |
| Consumer | 27,586 | 26,498 | 4.1% | 30,635 | (10.0%) |
| Total loans excluded from ASC 310-30 | 2,664,892 | 2,569,222 | 3.7% | 2,384,843 | 11.7% |
| Loans accounted for under ASC 310-30: | | | | | |
| Commercial | 43,339 | 46,875 | (7.5%) | 57,474 | (24.6%) |
| Commercial real estate non-owner occupied | 95,487 | 101,719 | (6.1%) | 121,173 | (21.2%) |
| Residential real estate | 17,654 | 19,341 | (8.7%) | 21,452 | (17.7%) |
| Consumer | 1,183 | 1,347 | (12.2%) | 2,731 | (56.7%) |
| Total loans accounted for under ASC 310-30 | 157,663 | 169,282 | (6.9%) | 202,830 | (22.3%) |
| Total loans | \$ 2,822,555 | \$ 2,738,504 | 3.1% | \$ 2,587,673 | 9.1% |

Our loan portfolio totaled \$2.8 billion at September 30, 2016, increasing \$84.1 million, or 12.2%, annualized, from June 30, 2016, driven by new loan originations of \$282.0 million during the third quarter of 2016. Originated loans outstanding totaled \$2.5 billion and increased \$108.5 million, or 18.0%, annualized, from June 30, 2016. The acquired 310-30 loan portfolio declined \$11.6 million, or 27.3%, annualized, from June 30, 2016, as a result of the continued successful workout efforts that have been made on exiting acquired problem loans.

Loan balances increased \$234.9 million, or 9.1%, from December 30, 2015 on the strength of \$762.3 million in loan originations between the two periods. The strong originations were the result of continued market penetration. The

third quarter new loan originations totaled \$282.0 million and increased \$28.3 million, or 11.1%, compared to the third quarter of the prior year. The acquired 310-30 loan portfolio declined \$45.2 million, or 22.3%, from December 30, 2015 as a result of the continued successful workout efforts that have been made on exiting acquired problem loans.

We have successfully generated new relationships with small to mid-sized businesses and individuals, experiencing particularly strong loan growth in our commercial portfolio, which at September 30, 2016, was comprised of diverse industry segments. These segments included public administration-related loans of \$325.7 million, finance and insurance related loans of \$182.9 million, agriculture loans of \$133.1 million, energy-related loans of \$86.6 million, and manufacturing-related loans of \$78.6 million, and a variety of smaller subcategories of commercial and industrial loans.

Table of Contents

Included in our commercial loans are energy-related loans that comprised 3.1% of total loans, 2.0% of interest earning assets and 18.3% of the Company's risk based capital at September 30, 2016. The average balance per client in the energy sector was \$3.6 million at September 30, 2016. Energy midstream (loans to companies that engage in consolidation, storage, and transportation of oil and gas), energy production (loans to companies engaged in exploration and production), and energy services (loans to companies that provide products and services to oil/gas companies), made up 50.2%, 36.1%, and 13.7%, respectively, of the total energy related portfolio at September 30, 2016. Unfunded commitments to energy clients totaled \$97.8 million at September 30, 2016, including \$64.5 million to production clients, \$29.5 million to midstream clients and \$3.9 million to services clients. We may not be contractually required to fund certain amounts depending on the individual circumstances of each client. Energy prices continued to be depressed through the third quarter of 2016, which may result in continued stress on our energy clients and the credit quality of our energy loan portfolio.

Loans in the midstream subsector totaled \$43.5 million, with an average balance per client of \$8.7 million. One midstream client was rated special mention at December 31, 2015, placed on non-accrual during the first quarter of 2016, and remained on non-accrual as of September 30, 2016, with a balance of \$3.0 million. Loans in the production subsector totaled \$31.3 million of the energy loan balances at September 30, 2016, with an average balance per client of \$2.8 million. We lend only against proven reserves of our production clients and on a senior secured basis. One production client was rated substandard as of December 31, 2015, placed on non-accrual during the first quarter of 2016 and remained on non-accrual during the third quarter 2016 with a loan balance of \$6.4 million as of September 30, 2016. Loans in the services subsector totaled \$11.8 million with an average balance per client of \$2.0 million. We identified two loans within the energy services sector that were placed on non-accrual in the third quarter of 2015. One loan with a balance of \$0.6 million as of September 30, 2016 remained on non-accrual during the third quarter of 2016, while the other previously reserved loan was resolved and charged-off during the second quarter of 2016. One new energy loan in the energy services subsector with a loan balance of \$3.3 million was placed on non-accrual during the third quarter of 2016.

As of September 30, 2016, our non owner-occupied commercial real estate totaled \$548.7 million and was 116.0% of the Company's risk based capital. Multi-family loans totaled \$20.2 million, or less than 1.0% of total loans as of September 30, 2016, and no specific property type comprised more than 4.0% of total loans.

New loan origination is a direct result of our ability to recruit and retain top banking talent, connect with clients in our markets and provide needed services at competitive rates. Originated loans totaled \$2.5 billion at September 30, 2016 and increased \$427.9 million from the prior year. Originations are defined as closed end funded loans and revolving lines of credit advances, net of any current period paydowns. Management utilizes this more conservative definition of originations to better approximate the impact of originations on loans outstanding and ultimately net interest income. The following table represents new loan originations for the last five quarters:

| Third quarter 2016 | Second quarter 2016 | First quarter 2016 | Fourth quarter 2015 | Third quarter 2015 |
|--------------------------|---------------------------|-----------------------|------------------------|-----------------------|
|--------------------------|---------------------------|-----------------------|------------------------|-----------------------|

Edgar Filing: National Bank Holdings Corp - Form 10-Q

| | | | | | |
|---|------------|------------|------------|------------|------------|
| Commercial: | | | | | |
| Commercial and industrial | \$ 92,433 | \$ 142,179 | \$ 59,361 | \$ 122,664 | \$ 134,189 |
| Owner occupied commercial real estate | 19,091 | 17,883 | 10,399 | 13,395 | 12,095 |
| Agriculture | 9,589 | 18,072 | 10,375 | 24,194 | 11,295 |
| Energy | (1,251) | (17,328) | (13,984) | 1,075 | 17,245 |
| Total Commercial | 119,862 | 160,806 | 66,151 | 161,328 | 174,824 |
| Commercial real estate non-owner occupied | 54,456 | 89,109 | 44,876 | 23,260 | 36,480 |
| Residential real estate | 102,703 | 63,815 | 49,722 | 50,387 | 36,808 |
| Consumer | 4,995 | 3,158 | 2,671 | 3,086 | 5,616 |
| Total | \$ 282,016 | \$ 316,888 | \$ 163,420 | \$ 238,061 | \$ 253,728 |

Table of Contents

The tables below show the contractual maturities of our loans for the dates indicated:

| | September 30, 2016 | | | Total |
|---|----------------------|-----------------------------------|----------------------|--------------|
| | Due within 1 Year | Due after 1 but within 5 Years | Due after 5 Years | |
| Commercial: | | | | |
| Commercial and industrial | \$ 101,418 | \$ 466,437 | \$ 484,501 | \$ 1,052,356 |
| Owner occupied commercial real estate | 19,099 | 86,273 | 133,437 | 238,809 |
| Agriculture | 25,388 | 79,576 | 37,849 | 142,813 |
| Energy | 10,642 | 75,986 | — | 86,628 |
| Total Commercial | 156,547 | 708,272 | 655,787 | 1,520,606 |
| Commercial real estate non-owner occupied | 171,558 | 244,318 | 132,859 | 548,735 |
| Residential real estate | 7,617 | 39,053 | 677,775 | 724,445 |
| Consumer | 5,747 | 17,529 | 5,493 | 28,769 |
| Total loans | \$ 341,469 | \$ 1,009,172 | \$ 1,471,914 | \$ 2,822,555 |

| | December 31, 2015 | | | Total |
|---|----------------------|-----------------------------------|----------------------|--------------|
| | Due within 1 Year | Due after 1 but within 5 Years | Due after 5 Years | |
| Commercial: | | | | |
| Commercial and industrial | \$ 68,678 | \$ 452,896 | \$ 384,323 | \$ 905,896 |
| Owner occupied commercial real estate | 17,772 | 77,673 | 116,889 | 212,334 |
| Agriculture | 40,982 | 80,268 | 41,060 | 162,310 |
| Energy | 17,914 | 126,919 | 2,046 | 146,879 |
| Total Commercial | 145,346 | 737,756 | 544,318 | 1,427,419 |
| Commercial real estate non-owner occupied | 95,100 | 269,582 | 78,204 | 442,886 |
| Residential real estate | 10,681 | 33,438 | 639,883 | 684,002 |
| Consumer | 9,469 | 17,820 | 6,077 | 33,366 |
| Total loans | \$ 260,596 | \$ 1,058,596 | \$ 1,268,482 | \$ 2,587,673 |

The stated interest rate (which excludes the effects of non-refundable loan origination and commitment fees, net of costs and the accretion of fair value marks) of non 310-30 loans with maturities over one year is as follows at the dates indicated:

| September 30, 2016 | | | | | |
|--------------------|--------------------------|----------|--------------------------|---------|--------------------------|
| Fixed | | Variable | | Total | |
| Balance | Weighted average rate | Balance | Weighted average rate | Balance | Weighted average rate |

Edgar Filing: National Bank Holdings Corp - Form 10-Q

| | | | | | | |
|---|--------------|-------|--------------|-------|--------------|-------|
| Commercial Commercial and industrial(1) | \$ 490,614 | 3.35% | \$ 454,443 | 3.70% | \$ 945,057 | 3.52% |
| Owner occupied commercial real estate | 112,801 | 4.09% | 87,000 | 4.18% | 199,801 | 4.31% |
| Agriculture | 43,313 | 4.63% | 64,580 | 3.55% | 107,893 | 3.99% |
| Energy | 4,324 | 4.02% | 71,661 | 3.03% | 75,985 | 3.08% |
| Total Commercial | 651,052 | 3.63% | 677,684 | 3.67% | 1,328,736 | 3.65% |
| Commercial real estate non-owner occupied | 135,102 | 4.45% | 208,971 | 3.43% | 344,073 | 3.83% |
| Residential real estate | 391,900 | 3.43% | 308,328 | 3.72% | 700,228 | 3.56% |
| Consumer | 18,271 | 4.51% | 3,764 | 3.90% | 22,035 | 4.40% |
| Total loans with > 1 year maturity | \$ 1,196,325 | 3.67% | \$ 1,198,747 | 3.64% | \$ 2,395,072 | 3.66% |

Table of Contents

| | December 31, 2015 | | | | | |
|---|-------------------|-----------------------|--------------|-----------------------|--------------|-----------------------|
| | Fixed | | Variable | | Total | |
| | Balance | Weighted average rate | Balance | Weighted average rate | Balance | Weighted average rate |
| Commercial | | | | | | |
| Commercial and industrial(1) | \$ 449,444 | 3.33% | \$ 379,904 | 3.78% | \$ 829,348 | 3.54% |
| Owner occupied commercial real estate | 85,036 | 4.43% | 88,090 | 4.04% | 173,126 | 4.23% |
| Agriculture | 49,261 | 4.69% | 56,076 | 3.73% | 105,337 | 4.18% |
| Energy | 3,735 | 3.93% | 125,230 | 2.99% | 128,965 | 3.02% |
| Total Commercial | 587,476 | 3.61% | 649,300 | 3.66% | 1,236,776 | 3.63% |
| Commercial real estate non-owner occupied | 137,124 | 4.56% | 162,781 | 3.43% | 299,905 | 3.95% |
| Residential real estate | 359,657 | 3.50% | 294,051 | 3.73% | 653,708 | 3.61% |
| Consumer | 17,822 | 4.68% | 3,652 | 4.10% | 21,474 | 4.58% |
| Total loans with > 1 year maturity | \$ 1,102,079 | 3.71% | \$ 1,109,784 | 3.65% | \$ 2,211,863 | 3.68% |

(1) Included in commercial fixed rate loans are loans totaling \$374,858 and \$273,346 that have been swapped to variables rates at current market pricing at September 30, 2016 and December 31, 2015, respectively. Included in the commercial segment are tax exempt loans totaling \$396,799 and \$347,637 with a weighted average rate of 3.09% and 3.18% at September 30, 2016 and December 31, 2015, respectively.

Accretable Yield

At September 30, 2016, the accretable yield balance was \$63.7 million compared to \$84.2 million at December 31, 2015. We re-measure the expected cash flows of all twenty-seven remaining loan pools accounted for under ASC 310-30 utilizing the same cash flow methodology used at the time of acquisition. During the nine months ended September 30, 2016 and 2015, we reclassified a net \$6.1 million and \$15.3 million, respectively, from non-accretable difference to accretable yield, as a result of these re-measurements.

In addition to the accretable yield on loans accounted for under ASC 310-30, the fair value adjustments on loans outside the scope of ASC 310-30 are also accreted to interest income over the life of the loans. Total remaining accretable yield and fair value mark was as follows for the dates indicated:

| | September 30, 2016 | December 31, 2015 |
|--|--------------------|-------------------|
| Remaining accretable yield on loans accounted for under ASC 310-30 | \$ 63,673 | \$ 84,194 |
| Remaining accretable fair value mark on loans not accounted for under ASC 310-30 | 3,731 | 5,008 |
| Total remaining accretable yield and fair value mark | \$ 67,404 | \$ 89,202 |

Asset Quality

All of the assets acquired in our acquisitions were marked to fair value at the date of acquisition, and the fair value adjustments to loans included a credit quality component. We utilize traditional credit quality metrics to evaluate the overall credit quality of our loan portfolio; however, our credit quality ratios are somewhat limited in their comparability to industry averages or to other financial institutions because of the percentage of acquired problem loans and given that any asset quality deterioration that existed at the date of acquisition was considered in the original fair value adjustments.

Asset quality is fundamental to our success. Accordingly, for the origination of loans, we have established a credit policy that allows for responsive, yet controlled lending with credit approval requirements that are scaled to loan size. Within the scope of the credit policy, each prospective loan is reviewed in order to determine the appropriateness and the adequacy of the loan characteristics and the security or collateral prior to making a loan. We have established underwriting standards and loan origination procedures that require appropriate documentation, including financial data and credit reports. For loans secured by real property, we require property appraisals, title insurance or a title opinion, hazard insurance and flood insurance, in each case where appropriate.

Table of Contents

Additionally, we have implemented procedures to timely identify loans that may become problematic in order to ensure the most beneficial resolution to the Company. Asset quality is monitored by our credit risk management department and evaluated based on quantitative and subjective factors such as the timeliness of contractual payments received. Additional factors that are considered, particularly with commercial loans over \$250,000, include the financial condition and liquidity of individual borrowers and guarantors, if any, and the value of our collateral. To facilitate the oversight of asset quality, loans are categorized based on the number of days past due and on an internal risk rating system, and both are discussed in more detail below.

Our internal risk rating system uses a series of grades which reflect our assessment of the credit quality of loans based on an analysis of the borrower's financial condition, liquidity and ability to meet contractual debt service requirements. Loans that are perceived to have acceptable risk are categorized as "Pass" loans. "Special mention" loans represent loans that have potential credit weaknesses that deserve close attention. Special mention loans include borrowers that have potential weaknesses or unwarranted risks that, unless corrected, may threaten the borrower's ability to meet debt service requirements. However, these borrowers are still believed to have the ability to respond to and resolve the financial issues that threaten their financial situation. Loans classified as "Substandard" have a well-defined credit weakness and are inadequately protected by the current paying capacity of the obligor or of the collateral pledged, if any. Although these loans are identified as potential problem loans, they may never become non-performing. Substandard loans have a distinct possibility of loss if the deficiencies are not corrected. "Doubtful" loans are loans that management believes that collection of payments in accordance with the terms of the loan agreement are highly questionable and improbable. Doubtful loans are deemed impaired and put on non-accrual status.

In the event of borrower default, we may seek recovery in compliance with state lending laws, the respective loan agreements, and credit monitoring and remediation procedures that may include modifying or restructuring a loan from its original terms, for economic or legal reasons, to provide a concession to the borrower from their original terms due to borrower financial difficulties in order to facilitate repayment. Such restructured loans are considered "troubled debt restructurings" or "TDRs" in accordance with ASC 310-40, Troubled Debt Restructurings by Creditors. Under this guidance, modifications to loans that fall within the scope of ASC 310-30 are not considered troubled debt restructurings, regardless of otherwise meeting the definition of a troubled debt restructuring. Assets that have been foreclosed on or acquired through deed-in-lieu of foreclosure are classified as OREO until sold, and are carried at the lower of the related loan balance or the fair value of the collateral less estimated costs to sell, with any initial valuation adjustments charged to the ALL and any subsequent declines in carrying value charged to impairments on OREO.

Non-performing Assets

Non-performing assets consist of non-accrual loans, troubled debt restructurings on non-accrual, OREO and other repossessed assets. Non-accrual loans and troubled debt restructurings on non-accrual accounted for under ASC 310-30, as described below, may be excluded from our non-performing assets to the extent that the cash flows of the loan pools are still estimable. Interest income that would have been recorded had nonaccrual loans performed in accordance with their original contract terms during the three and nine months ended September 30, 2016 was \$0.5 million and \$1.5 million, respectively, and \$0.4 million and \$1.1 million during the three and nine months ended

September 30, 2015, respectively.

Our acquired non-performing assets were marked to fair value at the time of acquisition, mitigating much of our loss potential on these non-performing assets. As a result, the levels of our non-performing assets are not fully comparable to those of our peers or to industry benchmarks.

All loans accounted for under ASC 310-30 were classified as performing assets at September 30, 2016, as the carrying values of the respective loan or pool of loans cash flows were considered estimable and probable of collection. Therefore, interest income, through accretion of the difference between the carrying value of the loans in the pool and the pool's expected future cash flows, is being recognized on all acquired loans accounted for under ASC 310-30.

Table of Contents

The following table sets forth the non-performing assets as of the dates presented:

| | September 30, 2016 | December 31, 2015 |
|---|--------------------|-------------------|
| Non-accrual loans: | | |
| Commercial: | | |
| Commercial and industrial | \$ 18 | \$ 942 |
| Owner occupied commercial real estate | 350 | 954 |
| Agriculture | 315 | 1,904 |
| Energy | 6,401 | — |
| Total Commercial | 7,084 | 3,800 |
| Commercial real estate non-owner occupied | 68 | 407 |
| Residential real estate | 3,252 | 3,617 |
| Consumer | 26 | 30 |
| Total non-accrual loans | 10,430 | 7,854 |
| Restructured loans on non-accrual: | | |
| Commercial: | | |
| Commercial and industrial | 2,111 | 3,888 |
| Owner occupied commercial real estate | 62 | 319 |
| Agriculture | 1,624 | 81 |
| Energy | 6,911 | 12,009 |
| Total Commercial | 10,708 | 16,297 |
| Commercial real estate non-owner occupied | — | 815 |
| Residential real estate | 1,163 | 679 |
| Consumer | 177 | 2 |
| Total restructured loans on non-accrual | 12,048 | 17,793 |
| Total non-performing loans | 22,478 | 25,647 |
| OREO | 21,200 | 20,814 |
| Other repossessed assets | 100 | 894 |
| Total non-performing assets | \$ 43,778 | \$ 47,355 |
| Loans 90 days or more past due and still accruing interest | \$ 428 | \$ 166 |
| Accruing restructured loans | \$ 8,780 | \$ 8,403 |
| ALL | \$ 28,021 | \$ 27,119 |
| Total non-performing loans to total loans | 0.80% | 0.99% |
| Loans 90 days or more past due and still accruing interest to total loans | 0.02% | 0.01% |
| Total non-performing assets to total loans and OREO | 1.54% | 1.81% |
| ALL to non-performing loans | 124.66% | 105.74% |

During the nine months ended September 30, 2016, total non-performing loans decreased \$3.2 million from December 31, 2015 resulting from decreases of \$2.7 million in the commercial and industrial sector, due to charge-offs throughout the year, and other net decreases of \$1.8 million, offset by a net increase of \$1.3 million in the energy sector. During the nine months ended September 30, 2016, accruing TDRs increased \$0.4 million largely due to increases in the commercial segment totaling \$0.3 million.

The \$21.2 million of OREO at September 30, 2016 excludes \$1.6 million of minority interest in participated OREO in connection with the repossession of collateral on loans for which we were not the lead bank and we do not have a controlling interest. These properties have been repossessed by the lead banks and we have recorded our receivable due from the lead banks in other assets as minority interest in participated OREO. During the nine months ended September 30, 2016, \$4.8 million of OREO was foreclosed on or otherwise repossessed and \$8.2 million of OREO was sold resulting in a net gain of \$4.1 million. OREO write-downs of \$0.3 million were recorded during the nine months ended September 30, 2016.

Table of Contents

Past Due Loans

Past due status is monitored as an indicator of credit deterioration. Loans are considered past due or delinquent when the contractual principal or interest due in accordance with the terms of the loan agreement remains unpaid after the due date of the scheduled payment. Loans that are 90 days or more past due and not accounted for under ASC 310-30 are put on non-accrual status unless the loan is well secured and in the process of collection. The table below shows the past due status of loans not accounted for under ASC 310-30, based on contractual terms of the loans as of September 30, 2016 and December 31, 2015:

| | September 30, 2016 | December 31, 2015 |
|---|--------------------|-------------------|
| | Non ASC | Non ASC |
| | 310-30 loans | 310-30 loans |
| Loans 30-89 days past due and still accruing interest | \$ 1,374 | \$ 6,716 |
| Loans 90 days past due and still accruing interest | 428 | 165 |
| Non-accrual loans | 22,478 | 25,647 |
| Total past due and non-accrual loans | \$ 24,280 | \$ 32,528 |
| Total 90 days past due and still accruing interest and non-accrual loans to total loans | 0.86% | 1.08% |
| Total non-accrual loans to total loans | 0.84% | 1.08% |
| % of total past due and non-accrual loans that carry fair value marks | 15.41% | 22.01% |

Loans 30-89 days past due and still accruing interest decreased by \$5.3 million from December 31, 2015 to September 30, 2016, and loans 90 days or more past due and still accruing interest increased \$0.3 million from December 31, 2015 to September 30, 2016, for a collective decrease in total past due loans of \$5.0 million.

Allowance for Loan Losses

The ALL represents the amount that we believe is necessary to absorb probable losses inherent in the loan portfolio at the balance sheet date and involves a high degree of judgment and complexity. Determination of the ALL is based on an evaluation of the collectability of loans, the realizable value of underlying collateral, economic conditions, historical net loan losses, the estimated loss emergence period, estimated default rates, any declines in cash flow assumptions from acquisition, loan structures, growth factors and other elements that warrant recognition and, to the extent applicable, prior loss experience. The ALL is critical to the portrayal and understanding of our financial condition, liquidity and results of operations. The determination and application of the ALL accounting policy involves judgments, estimates, and uncertainties that are subject to change. Changes in these assumptions, estimates or the conditions surrounding them may have a material impact on our financial condition, liquidity or results of operations.

In accordance with the applicable guidance for business combinations, acquired loans were recorded at their acquisition date fair values, which were based on expected future cash flows and included an estimate for future loan losses; therefore, no ALL was recorded as of the acquisition date. Any estimated losses on acquired loans that arise after the acquisition date are reflected in a charge to the provision for loan losses on the consolidated statements of operations.

Loans accounted for under the accounting guidance provided in ASC 310-30 have been grouped into pools based on the predominant risk characteristics of purpose and/or type of loan. The timing and receipt of expected principal, interest and any other cash flows of these loans are periodically remeasured and the expected future cash flows of the collective pools are compared to the carrying value of the pools. To the extent that the expected future cash flows of each pool is less than the book value of the pool, an allowance for loan losses will be established through a charge to the provision for loan losses. If the remeasured expected future cash flows are greater than the book value of the pools, then the improvement in the expected future cash flows is accreted into interest income over the remaining expected life of the loan pool. During the nine months ended September 30, 2016 and 2015, these re-measurements resulted in overall increases in expected cash flows in certain loan pools, which, absent previous valuation allowances within the same pool, are reflected in increased accretion as well as an increased amount of accretable yield and are recognized over the expected remaining lives of the underlying loans as an adjustment to yield.

For all loans not accounted for under ASC 310-30, the determination of the ALL follows a process to determine the appropriate level of ALL that is designed to account for changes in credit quality and other risk factors. This process provides an ALL consisting of a specific allowance component based on certain individually evaluated loans and a general allowance component based on estimates of reserves needed for all other loans, segmented based on similar risk characteristics.

Table of Contents

Impaired loans less than \$250,000 are included in the general allowance population. Impaired loans over \$250,000 are subject to individual evaluation on a regular basis to determine the need, if any, to allocate a specific reserve to the impaired loan. Typically, these loans consist of commercial, commercial real estate and agriculture loans and exclude homogeneous loans such as residential real estate and consumer loans. Specific allowances are determined by collectively analyzing:

- the borrower's resources, ability, and willingness to repay in accordance with the terms of the loan agreement;
- the likelihood of receiving financial support from any guarantors;
- the adequacy and present value of future cash flows, less disposal costs, of any collateral;
- the impact current economic conditions may have on the borrower's financial condition and liquidity or the value of the collateral.

In evaluating the loan portfolio for an appropriate ALL level, unimpaired loans are grouped into segments based on broad characteristics such as primary use and underlying collateral. During the first quarter of 2016, the Company updated the loan classifications in its allowance for loan losses model to include owner occupied commercial real estate and agriculture within the commercial loan segment and present energy as its own loan class within the commercial segment. The prior period presentations have been reclassified to conform to the current period presentation. We have identified four primary loan segments that are further stratified into eleven loan classes to provide more granularity in analyzing loss history and to allow for more definitive qualitative adjustments based upon specific factors affecting each loan class. Following are the loan classes within each of the four primary loan segments:

| | | | |
|---------------------------------------|---|-------------------------|----------------|
| Commercial | Non-owner occupied commercial real estate | Residential real estate | Consumer |
| Commercial and industrial | Construction | Senior lien | Total Consumer |
| Owner occupied commercial real estate | Acquisition and development | Junior lien | |
| Agriculture | Multifamily | | |
| Energy | Non-owner occupied | | |

Appropriate ALL levels are determined by segment and class utilizing risk ratings, loss history, peer loss history and qualitative adjustments. The qualitative adjustments consider the following risk factors:

- economic/external conditions;
 - loan administration, loan structure and procedures;
- risk tolerance/experience;
- loan growth;
- trends;
- concentrations; and
- other

Management derives an estimated annual loss rate adjusted for an estimated loss emergence period based on historical loss data categorized by segment and class. The loss rates are applied at the loan segment and class level. Our historical loss history began in 2012, resulting in minimal losses in our originated portfolio. In order to address this lack of historical data, we incorporate not only our own historical loss rates since the beginning of 2012, but we also utilize peer historical loss data, including a historical average net charge-off ratio on each loan type, relying on the Uniform Bank Performance Reports compiled by the Federal Financial Institutions Examinations Council (“FFIEC”). We may also apply a long-term estimated loss rate to pass rated credits as necessary to account for inherent risks to the portfolio. For originated loans, we assign a slightly higher portion of our loss history, but still rely on the peer loss history to account for our limited historical data. For acquired loans, we use solely our internal loss history as those loans are more seasoned and more of the actual losses in the portfolio have been from the acquired portfolio.

The collective resulting ALL for loans not accounted for under ASC 310-30 is calculated as the sum of the specific reserves and the general reserves. While these amounts are calculated by individual loan or segment and class, the entire ALL is available for any loan that, in our judgment, should be charged-off.

Table of Contents

Non 310-30 ALL

During the three and nine months ended September 30, 2016, we recorded \$5.3 million and \$23.2 million, respectively, of provision for loan losses for loans not accounted for under ASC 310-30, which primarily reflects specific reserves on certain non-performing loans and reserves to support loan growth. The three months ended September 30, 2016 provision was driven by loan growth and an increase in the energy sector provision of \$3.9 million, primarily driven by 1 loan that was partially charged-off during the quarter. The nine months ended September 30, 2016 provision was driven by loan growth and a \$19.0 million increase in provision on the energy sector. Net charge-offs for non ASC 310-30 loans during the three and nine months ended September 30, 2016 totaled \$17.4 million and \$21.4 million, respectively, and were driven by energy sector loans. Specific reserves on impaired loans totaled \$1.5 million and \$4.3 million at September 30, 2016 and December 31, 2015, respectively.

During the three and nine months ended September 30, 2015, we recorded \$3.6 million and \$6.9 million, respectively, of provision for loan losses for loans not accounted for under ASC 310-30, which primarily reflects reserves to support loan growth. During the three and nine months ended September 30, 2015, net charge-offs totaled \$124 thousand and \$793 thousand, respectively, and were primarily from the consumer segment. Specific reserves on impaired loans totaled \$3.2 million and \$0.3 million at September 30, 2015 and December 31, 2014, respectively.

310-30 ALL

During the three and nine months ended September 30, 2016, loans accounted for under ASC 310-30 had \$18 thousand of provision and \$787 thousand of recoupment, respectively. The recoupment was driven by a previously impaired agriculture pool.

During the three and nine months ended September 30, 2015, several loans pools accounted for under ASC 310-30 had impairments of \$152 thousand and \$331 thousand, respectively, as a result of decreases in expected cash flows. The remaining loan pools had previous valuation allowances of \$40 thousand and \$162 thousand, during the three and nine months ended September 30, 2015, respectively, that were reversed as a result of an increase in expected cash flows. This activity resulted in net provision of \$110 thousand and \$168 thousand during the three and nine months ended September 30, 2015, respectively.

Total ALL

After considering the above mentioned factors, we believe that the ALL of \$28.0 million and \$27.1 million was adequate to cover probable losses inherent in the loan portfolio at September 30, 2016 and December 31, 2015,

respectively. However, it is likely that future adjustments to the ALL will be necessary and any changes to the assumptions, circumstances or estimates used in determining the ALL could adversely affect the Company's results of operations, liquidity or financial condition.

Table of Contents

The following schedule presents, by class stratification, the changes in the ALL during the three months ended September 30, 2016 and 2015:

| | September 30, 2016 | | | September 30, 2015 | | |
|--|------------------------|------------------------|--------------|------------------------|------------------------|--------------|
| | ASC 310-30 loans | Non 310-30 loans | Total | ASC 310-30 Loans | Non 310-30 Loans | Total |
| Beginning allowance for loan losses | \$ 231 | \$ 39,875 | \$ 40,106 | \$ 765 | \$ 19,476 | \$ 20,241 |
| Charge-offs: | | | | | | |
| Commercial | — | (17,204) | (17,204) | — | (12) | (12) |
| Commercial real estate non owner-occupied | — | — | — | — | — | — |
| Residential real estate | — | (166) | (166) | — | (26) | (26) |
| Consumer | (6) | (170) | (176) | — | (174) | (174) |
| Total charge-offs | (6) | (17,540) | (17,546) | — | (212) | (212) |
| Recoveries | — | 168 | 168 | — | 88 | 88 |
| Net charge-offs | (6) | (17,372) | (17,378) | — | (124) | (124) |
| Provision for loan loss | 18 | 5,275 | 5,293 | 110 | 3,600 | 3,710 |
| Ending allowance for loan losses | \$ 243 | \$ 27,778 | \$ 28,021 | \$ 875 | \$ 22,952 | \$ 23,827 |
| Ratio of annualized net charge-offs to average total loans during the period, respectively | 0.01% | 2.64% | 2.49% | 0.00% | 0.02% | 0.02% |
| Average total loans outstanding during the period | \$ 162,157 | \$ 2,614,133 | \$ 2,776,290 | \$ 230,978 | \$ 2,184,169 | \$ 2,415,147 |

The following schedule presents, by class stratification, the changes in the ALL during the nine months ended September 30, 2016 and 2015:

| | September 30, 2016 | | | September 30, 2015 | | |
|---|------------------------|------------------------|-----------|------------------------|------------------------|-----------|
| | ASC 310-30 loans | Non 310-30 loans | Total | ASC 310-30 loans | Non 310-30 loans | Total |
| Beginning allowance for loan losses | \$ 1,077 | \$ 26,042 | \$ 27,119 | \$ 721 | \$ 16,892 | \$ 17,613 |
| Charge-offs: | | | | | | |
| Commercial | — | (20,684) | (20,684) | — | (64) | (64) |
| Commercial real estate non owner-occupied | (41) | (276) | (317) | — | (222) | (222) |

Edgar Filing: National Bank Holdings Corp - Form 10-Q

| | | | | | | |
|---|------------|--------------|--------------|------------|--------------|--------------|
| Residential real estate | — | (363) | (363) | — | (200) | (200) |
| Consumer | (6) | (558) | (564) | (14) | (740) | (754) |
| Total charge-offs | (47) | (21,881) | (21,928) | (14) | (1,226) | (1,240) |
| Recoveries | — | 464 | 464 | — | 433 | 433 |
| Net charge-offs | (47) | (21,417) | (21,464) | (14) | (793) | (807) |
| (Recoupment) provision for loan loss | (787) | 23,153 | 22,366 | 168 | 6,853 | 7,021 |
| Ending allowance for loan losses | \$ 243 | \$ 27,778 | \$ 28,021 | \$ 875 | \$ 22,952 | \$ 23,827 |
| Ratio of annualized net charge-offs to average total loans during the period, respectively | 0.04% | 1.16% | 1.08% | 0.01% | 0.05% | 0.05% |
| Ratio of ALL to total loans outstanding at period end, respectively | 0.15% | 1.04% | 0.99% | 0.40% | 1.00% | 0.94% |
| Ratio of ALL to total non-performing loans at period end, respectively | 0.00% | 123.58% | 124.66% | 0.00% | 80.13% | 83.18% |
| Total loans | \$ 157,663 | \$ 2,664,892 | \$ 2,822,555 | \$ 220,892 | \$ 2,302,236 | \$ 2,523,128 |
| Average total loans outstanding during the period | \$ 175,694 | \$ 2,472,662 | \$ 2,648,356 | \$ 246,951 | \$ 2,033,733 | \$ 2,280,684 |
| Total non-performing loans | \$ — | \$ 22,478 | \$ 22,478 | \$ — | \$ 28,645 | \$ 28,645 |

Table of Contents

The following table presents the allocation of the ALL and the percentage of the total amount of loans in each loan category listed as of the dates presented:

| | September 30, 2016 | | | ALL as a % |
|---|--------------------|------------------|-------------|--------------|
| | Total loans | % of total loans | Related ALL | of total ALL |
| Commercial | \$ 1,520,606 | 53.9% | \$ 17,936 | 64.0% |
| Commercial real estate non-owner occupied | 548,735 | 19.4% | 5,557 | 19.9% |
| Residential real estate | 724,445 | 25.7% | 4,245 | 15.1% |
| Consumer | 28,769 | 1.0% | 283 | 1.0% |
| Total | \$ 2,822,555 | 100.0% | \$ 28,021 | 100.0% |

| | December 31, 2015 | | | ALL as a % |
|---|-------------------|------------------|-------------|--------------|
| | Total loans | % of total loans | Related ALL | of total ALL |
| Commercial | \$ 1,427,420 | 55.2% | \$ 17,261 | 63.6% |
| Commercial real estate non-owner occupied | 442,885 | 17.1% | 4,166 | 15.4% |
| Residential real estate | 684,002 | 26.4% | 5,281 | 19.5% |
| Consumer | 33,366 | 1.3% | 411 | 1.5% |
| Total | \$ 2,587,673 | 100.0% | \$ 27,119 | 100.0% |

The ALL allocated to commercial loans increased to 64.0% at September 30, 2016 from 63.6% at December 31, 2015, primarily due to loan growth. The non 310-30 energy sector ALL was \$3.7 million at September 30, 2016 compared to \$3.8 million at December 31, 2015, a decrease of \$0.1 million. The decrease was due to charge-offs of \$19.1 million in the energy sector offset by a \$19.0 million increase in the energy sector provision for loan losses during 2016.

Other Assets

Significant components of other assets were as follows as of the dates indicated:

September 30, 2016 December 31, 2015

Edgar Filing: National Bank Holdings Corp - Form 10-Q

| | | |
|--|------------|------------|
| Deferred tax asset | \$ 45,787 | \$ 52,633 |
| Accrued income taxes receivable | 6,070 | 9,427 |
| Bank-owned life insurance | 62,033 | 50,311 |
| Minority interest in participated other real estate owned | 1,578 | 5,450 |
| Accrued interest on loans | 11,366 | 8,827 |
| Accrued interest on interest bearing bank deposits and investment securities | 2,885 | 3,363 |
| Other miscellaneous assets | 14,179 | 10,705 |
| Total other assets | \$ 143,898 | \$ 140,716 |

Other assets totaled \$143.9 million and \$140.7 million at September 30, 2016 and December 31, 2015, respectively, increasing \$3.2 million, or 2.3%, during the nine months ended September 30, 2016. Bank-owned life insurance increased \$11.8 million, primarily due to purchases of bank-owned life insurance totaling \$10.3 million during the second quarter of 2016. Additionally, accrued interest on loans increased \$2.5 million, driven by new originations throughout the year and other miscellaneous assets increased \$3.5 million, primarily due to an increase in derivative assets further discussed in note 14 of our consolidated financial statements. These increases were offset by a decrease in minority interest in participated other real estate owned of \$3.9 million, due to a property sale during the first quarter of 2016, a decrease in income tax receivable of \$3.4 million, due to refund of 2015 tax liabilities, and a decrease in deferred tax assets of \$6.8 million driven by the tax effect of fair market value fluctuations of the available-for-sale investments portfolio.

Table of Contents

Other Liabilities

Significant components of other liabilities were as follows as of the dates indicated:

| | September 30, 2016 | December 31, 2015 |
|----------------------------------|--------------------|-------------------|
| Accrued expenses | \$ 11,137 | \$ 15,493 |
| Pending loan purchase settlement | 11,537 | 9,936 |
| Accrued interest payable | 5,918 | 4,319 |
| Derivative liability | 26,417 | 8,315 |
| Other miscellaneous liabilities | 11,959 | 11,101 |
| Total other liabilities | \$ 66,968 | \$ 49,164 |

Other liabilities totaled \$67.0 million and \$49.2 million at September 30, 2016 and December 31, 2015, respectively, and increased \$17.8 million, or 36.2%, during the nine months ended September 30, 2016. The increase was largely due to higher derivative liabilities of \$18.1 million and increases of \$1.6 million in both pending loan purchase settlements and accrued interest payable. Derivative liabilities are further discussed in note 14 of our consolidated financial statements. These increases were offset by lower accrued expenses of \$4.4 million, primarily due to lower salary and benefit accruals of \$2.7 million and other accruals of \$1.7 million.

Deposits

Deposits from banking clients serve as a primary funding source for our banking operations and our ability to gather and manage deposit levels is critical to our success. Deposits not only provide a low cost funding source for our loans, but also provide a foundation for the client relationships that are critical to future loan growth. The following table presents information regarding our deposit composition at September 30, 2016 and December 31, 2015:

| | September 30, 2016 | | December 31, 2015 | |
|--------------------------------------|--------------------|--------|-------------------|--------|
| Non-interest bearing demand deposits | \$ 841,421 | 22.0% | \$ 815,054 | 21.2% |
| Interest bearing demand deposits | 416,153 | 10.9% | 436,745 | 11.4% |
| Savings accounts | 372,161 | 9.7% | 357,505 | 9.3% |
| Money market accounts | 1,021,500 | 26.7% | 1,037,490 | 27.0% |
| Total transaction deposits | 2,651,235 | 69.3% | 2,646,794 | 68.9% |
| Time deposits < \$100,000 | 721,452 | 18.9% | 762,038 | 19.8% |
| Time deposits > \$100,000 | 452,320 | 11.8% | 431,845 | 11.3% |
| Total time deposits | 1,173,772 | 30.7% | 1,193,883 | 31.1% |
| Total deposits | \$ 3,825,007 | 100.0% | \$ 3,840,677 | 100.0% |

The following table shows scheduled maturities of certificates of deposit with denominations greater than or equal to \$100,000 as of September 30, 2016:

| | September 30, 2016 |
|---------------------------------|--------------------|
| Three months or less | \$ 73,890 |
| Over 3 months through 6 months | 73,517 |
| Over 6 months through 12 months | 147,227 |
| Thereafter | 157,686 |
| Total time deposits > \$100,000 | \$ 452,320 |

During the nine months ended September 30, 2016, our total deposits decreased \$15.7 million. Time deposits and money market accounts decreased \$36.1 million, or 1.6%, from December 31, 2015, partially offset by increases in savings accounts of \$14.7 million, or 4.1%, and demand deposits of \$5.8 million, from December 31, 2015. The mix of transaction deposits to total deposits improved to 69.3% at September 30, 2016, from 68.9% at December 31, 2015, as we continued to focus on developing a long-term banking relationship. At September 30, 2016 and December 31, 2015, we had \$801.3 million and \$807.7 million, respectively, of time deposits that were scheduled to mature within 12 months. Of the \$801.3 million in time deposits scheduled to mature within 12 months at September 30, 2016, \$294.6 million were in denominations of \$100,000 or more, and \$506.7 million were in denominations less than \$100,000.

Table of Contents

Results of Operations

Our net income depends largely on net interest income, which is the difference between interest income from interest earning assets and interest expense on interest bearing liabilities. Our results of operations are also affected by provisions for loan losses and non-interest income, such as service charges and bank card income. Our primary operating expenses, aside from interest expense, consist of salaries and benefits, occupancy costs, and telecommunications data processing expense. Any expenses related to the resolution of problem assets are also included in non-interest expense.

Overview of Results of Operations

We recorded net income of \$8.3 million and \$13.1 million, or \$0.30 and \$0.45 per diluted share, during the three and nine months ended September 30, 2016, respectively, compared to net income of \$1.6 million and \$1.5 million, or \$0.05 and \$0.04 per diluted share, during the three and nine months ended September 30, 2015, respectively. Fully taxable equivalent net interest income totaled \$38.1 million and \$112.9 million for the three and nine months ended September 30, 2016, respectively, and decreased \$1.4 million and \$5.9 million, or 3.5% and 4.9%, from the three and nine months ended September 30, 2015, respectively. Net interest margin increased 5 basis points to 3.59%, on a fully taxable equivalent basis during the three months ended September 30, 2016, from 3.54% during the three months ended September 30, 2015 and decreased 4 basis points to 3.51%, on a fully taxable equivalent basis during the nine months ended September 30, 2016, from 3.55% during the nine months ended September 30, 2015. The increase in net interest margin for the three months ended September 30, 2016 was largely driven by the lower levels of lower-yielding short-term investments. The decrease in net interest margin for the nine months ended September 30, 2016 was driven by the continued resolution of the higher-yielding 310-30 acquired loan portfolio.

Provision for loan loss expense was \$5.3 million and \$22.4 million during the three and nine months ended September 30, 2016, respectively, compared to \$3.7 million and \$7.0 million during the three and nine months ended September 30, 2015, respectively, an increase of \$1.6 million and \$15.4 million, respectively. The increase in provision for the three months ended September 30, 2016 was driven by increased reserves against one midstream energy sector client. The increase in provision for the nine months ended September 30, 2016 was driven by a \$19.0 million increase in energy sector provision for loan loss.

Non-interest income was \$11.6 million and \$30.0 million during the three and nine months ended September 30, 2016, respectively, compared to \$3.8 million and \$6.0 million during the three and nine months ended September 30, 2015, respectively, an increase of \$7.8 million and \$24.0 million from the three and nine months ended September 30, 2015, respectively. The increase from the prior periods was largely driven by negative \$5.8 million and \$20.4 million of FDIC loss-sharing related income for the three and nine months ended September 30, 2015, respectively, and a \$1.8 million gain on the sale of a building during the second quarter of 2016.

Non-interest expense totaled \$33.4 million and \$101.6 million during the three and nine months ended September 30, 2016, compared to \$38.7 million and \$115.8 million during the three and nine months ended September 30, 2015, a decrease of \$5.3 million, or 13.7%, and \$14.2 million, or 12.3%, from the prior periods, respectively. The decrease was partially due to lower salaries and benefits, telecommunications and data processing, and marketing expenses of a combined \$2.1 million and \$6.8 million during the three and nine months ended September 30, 2016, respectively, coupled with lower problem asset workout expenses of \$0.6 million and \$2.3 million, respectively, and higher gain on sale of OREO, net of \$1.8 million, during the three and nine months ended September 30, 2016. Additionally, the nine months ended September 30, 2015 included banking center consolidation related expenses of \$1.1 million. Partially offsetting these decreases was \$0.5 million and \$0.4 million of income from changes in fair value of the warrant liability for the three and nine months ended September 30, 2015, respectively.

Table of Contents

Net Interest Income

We regularly review net interest income metrics to provide us with indicators of how the various components of net interest income are performing. We regularly review: (i) our loan mix and the yield on loans; (ii) the investment portfolio and the related yields; (iii) our deposit mix and the cost of deposits; and (iv) net interest income simulations for various forecast periods.

The following tables present the components of net interest income for the periods indicated. The tables include: (i) the average daily balances of interest earning assets and interest bearing liabilities; (ii) the average daily balances of non-interest earning assets and non-interest bearing liabilities; (iii) the total amount of interest income earned on interest earning assets; (iv) the total amount of interest expense incurred on interest bearing liabilities; (v) the resultant average yields and rates; (vi) net interest spread; and (vii) net interest margin, which represents the difference between interest income and interest expense, expressed as a percentage of interest earning assets. The effects of trade-date accounting of investment securities for which the cash had not settled are not considered interest earning assets and are excluded from this presentation for time frames prior to their cash settlement, as are the market value adjustments on the investment securities available-for-sale. Non-accrual and restructured loan balances are included in the average loan balances; however, the forgone interest on non-accrual and restructured loans is not included in the dollar amounts of interest earned. All amounts presented are on a pre-tax basis, except as noted.

Table of Contents

The table below presents the components of net interest income on a fully taxable equivalent basis for the three months ended September 30, 2016 and 2015:

| | For the three months ended September 30, 2016 | | | For the three months ended September 30, 2015 | | |
|---|--|-----------|-----------------|--|-----------|-----------------|
| | Average balance | Interest | Average rate | Average balance | Interest | Average rate |
| Interest earning assets: | | | | | | |
| ASC 310-30 loans | \$ 162,157 | \$ 8,597 | 21.21% | \$ 230,978 | \$ 11,262 | 19.50% |
| Non 310-30 loans | | | | | | |
| FTE(1)(2)(3)(4)(5) | 2,630,064 | 25,893 | 3.92% | 2,193,383 | 22,210 | 4.02% |
| Investment securities available-for-sale | 1,003,347 | 4,552 | 1.81% | 1,286,897 | 5,929 | 1.84% |
| Investment securities held-to-maturity | 371,164 | 2,543 | 2.74% | 461,530 | 3,215 | 2.79% |
| Other securities | 13,003 | 160 | 4.92% | 27,059 | 319 | 4.72% |
| Interest earning deposits and securities purchased under agreements to resell | 47,997 | 60 | 0.50% | 223,432 | 198 | 0.35% |
| Total interest earning assets FTE(4) | \$ 4,227,732 | \$ 41,805 | 3.93% | \$ 4,423,279 | \$ 43,133 | 3.87% |
| Cash and due from banks | \$ 73,709 | | | \$ 66,288 | | |
| Other assets | 339,837 | | | 351,071 | | |
| Allowance for loan losses | (40,509) | | | (21,176) | | |
| Total assets | \$ 4,600,769 | | | \$ 4,819,462 | | |
| Interest bearing liabilities: | | | | | | |
| Interest bearing demand, savings and money market deposits | \$ 1,799,085 | \$ 1,189 | 0.26% | \$ 1,780,799 | \$ 1,167 | 0.26% |
| Time deposits | 1,174,269 | 2,290 | 0.78% | 1,268,476 | 2,257 | 0.71% |
| Securities sold under agreements to repurchase | 117,028 | 37 | 0.13% | 182,071 | 37 | 0.08% |
| Federal Home Loan Bank advances | 50,766 | 184 | 1.44% | 40,000 | 168 | 1.67% |
| Total interest bearing liabilities | \$ 3,141,148 | \$ 3,700 | 0.47% | \$ 3,271,346 | \$ 3,629 | 0.44% |
| Demand deposits | \$ 824,848 | | | \$ 810,895 | | |
| Other liabilities | 60,199 | | | 73,984 | | |
| Total liabilities | 4,026,195 | | | 4,156,225 | | |
| Shareholders' equity | 574,574 | | | 663,237 | | |
| Total liabilities and shareholders' equity | \$ 4,600,769 | | | \$ 4,819,462 | | |
| Net interest income | | \$ 38,105 | | | \$ 39,504 | |
| Interest rate spread FTE(4) | | | 3.46% | | | 3.43% |
| Net interest earning assets | \$ 1,086,584 | | | \$ 1,151,933 | | |
| Net interest margin FTE(4) | | | 3.59% | | | 3.54% |

| | | |
|--|---------|---------|
| Ratio of average interest earning assets to average interest bearing liabilities | 134.59% | 135.21% |
|--|---------|---------|

- (1) Originated loans are net of deferred loan fees, less costs, which are included in interest income over the life of the loan.
- (2) Includes originated loans with average balances of \$2,460,701 and \$1,970,030, interest income of \$22,339 and \$18,311, with tax equivalent yields of 3.78% and 3.85% for the three months ended September 30, 2016 and 2015, respectively.
- (3) Non 310-30 loans include loans held-for-sale. Average balances during the three months ended September 30, 2016 and 2015 were \$15,536 and \$9,214, respectively, and interest income was \$238 and \$192 for the same periods, respectively.
- (4) Presented on a fully taxable equivalent basis using the statutory tax rate of 35%. The taxable equivalent adjustments included above are \$1,041 and \$822 for the three months ended September 30, 2016 and 2015, respectively.
- (5) Loan fees included in interest income totaled \$1,525 and \$906 for the three months ended September 30, 2016 and 2015, respectively.

Table of Contents

Net interest income totaled \$37.1 million and \$38.7 million for the three months ended September 30, 2016 and 2015, respectively. On a fully taxable equivalent basis, net interest income totaled \$38.1 million for the three months ended September 30, 2016, decreasing \$1.4 million, or 3.5%, from \$39.5 million during the third quarter of 2015. Lower amounts of high yielding 310-30 loans and investment portfolio paydowns primarily decreased interest income \$4.7 million and was offset by strong originated loan growth in the non 310-30 portfolio of \$3.7 million. The fully taxable equivalent net interest margin of 3.59% increased 5 basis points, primarily driven by lower levels of lower-yielding short-term investments.

Average loans comprised \$2.8 billion, or 66.0%, of total average interest earning assets during the three months ended September 30, 2016, compared to \$2.4 billion, or 54.8%, of total average interest earning assets during the three months ended September 30, 2015. The increase in average loan balances is due to loan originations outpacing the exit of the acquired problem loans. The yield on the ASC 310-30 loan portfolio was 21.21% during the three months ended September 30, 2016, compared to 19.50% during the same period the prior year. This increase was attributable to \$1.8 million of accelerated accretion income on 310-30 loans during the third quarter of 2016.

Average investment securities comprised 32.5% of total interest earning assets during the three months ended September 30, 2016, compared to 39.5% during the three months ended September 30, 2015. The decrease in the investment portfolio was a result of scheduled paydowns and reflects the re-mixing of the interest-earning assets as the runoff of the investment portfolio is used to fund loan originations. Average short-term investments, comprised of interest earning deposits and securities purchased under agreements to resell, decreased to 1.1% of interest earning assets compared to 5.1% during the prior period.

Average balances of interest bearing liabilities decreased \$130.2 million during the three months ended September 30, 2016, compared to the three months ended September 30, 2015, driven by a decrease in average time deposits of \$94.2 million and a \$65.0 million decrease in securities sold under agreements to repurchase, offset by an increase of \$18.3 million in interest bearing demand, saving and money market deposits, and a \$10.8 million increase in Federal Home Loan Bank advances. Total interest expense related to interest bearing liabilities was \$3.7 million during the three months ended September 30, 2016, compared to \$3.6 million during the three months ended September 30, 2015, at an average cost of 0.47% and 0.44%, respectively. Additionally, the average cost of deposits increased 1 basis point to 0.36% for the three months ended September 30, 2016 from the same period in the prior year, resulting from the mix of rates paid on higher-cost time deposits.

Table of Contents

The table below presents the components of net interest income on a fully taxable equivalent basis for the nine months ended September 30, 2016 and 2015:

| | For the nine months ended September 30, 2016 | | | For the nine months ended September 30, 2015 | | |
|---|---|------------|-----------------|---|------------|-----------------|
| | Average balance | Interest | Average rate | Average balance | Interest | Average rate |
| Interest earning assets: | | | | | | |
| ASC 310-30 loans | \$ 175,694 | \$ 26,653 | 20.23% | \$ 246,951 | \$ 35,728 | 19.29% |
| Non 310-30 loans | | | | | | |
| FTE(1)(2)(3)(4)(5) | 2,484,651 | 72,877 | 3.92% | 2,033,733 | 62,836 | 4.13% |
| Investment securities available-for-sale | 1,071,029 | 14,810 | 1.84% | 1,367,503 | 19,164 | 1.87% |
| Investment securities held-to-maturity | 394,626 | 8,278 | 2.80% | 490,402 | 10,316 | 2.80% |
| Other securities | 15,572 | 581 | 4.97% | 27,070 | 963 | 4.74% |
| Interest earning deposits and securities purchased under agreements to resell | 159,748 | 644 | 0.54% | 304,037 | 675 | 0.30% |
| Total interest earning assets | | | | | | |
| FTE(4) | \$ 4,301,320 | \$ 123,843 | 3.85% | \$ 4,469,696 | \$ 129,682 | 3.88% |
| Cash and due from banks | \$ 72,051 | | | \$ 60,182 | | |
| Other assets | 334,190 | | | 357,222 | | |
| Allowance for loan losses | (35,554) | | | (19,656) | | |
| Total assets | \$ 4,672,007 | | | \$ 4,867,444 | | |
| Interest bearing liabilities: | | | | | | |
| Interest bearing demand, savings and money market deposits | \$ 1,872,116 | \$ 3,689 | 0.26% | \$ 1,740,976 | \$ 3,340 | 0.26% |
| Time deposits | 1,180,275 | 6,617 | 0.75% | 1,300,832 | 6,934 | 0.71% |
| Securities sold under agreements to repurchase | 112,527 | 114 | 0.14% | 216,071 | 127 | 0.08% |
| Federal Home Loan Bank advances | 43,615 | 515 | 1.58% | 40,000 | 498 | 1.66% |
| Total interest bearing liabilities | \$ 3,208,533 | \$ 10,935 | 0.46% | \$ 3,297,879 | \$ 10,899 | 0.44% |
| Demand deposits | \$ 813,407 | | | \$ 767,755 | | |
| Other liabilities | 52,861 | | | 73,631 | | |
| Total liabilities | 4,074,801 | | | 4,139,265 | | |
| Stockholders' equity | 597,206 | | | 728,179 | | |
| Total liabilities and shareholders' equity | \$ 4,672,007 | | | \$ 4,867,444 | | |
| Net interest income | | \$ 112,908 | | | \$ 118,783 | |
| Interest rate spread(4) | | | 3.39% | | | 3.44% |
| Net interest earning assets | \$ 1,092,787 | | | \$ 1,171,817 | | |
| Net interest margin(4) | | | 3.51% | | | 3.55% |

| | | |
|--|---------|---------|
| Ratio of average interest earning assets to average interest bearing liabilities | 134.06% | 135.53% |
|--|---------|---------|

- (1) Originated loans are net of deferred loan fees, less costs, which are included in interest income over the life of the loan.
- (2) Includes originated loans with average balances of \$2,301,164 and \$1,817,255, interest income of \$61,950 and \$51,263, with tax equivalent yields of 3.77% and 3.90% for the nine months ended September 30, 2016 and 2015, respectively.
- (3) Non 310-30 loans include loans held-for-sale. Average balances during the nine months ended September 30, 2016 and 2015 were \$11,846 and \$6,313, respectively, and interest income was \$520 and \$423 for the same periods, respectively.
- (4) Presented on a fully taxable equivalent basis using the statutory tax rate of 35%. The taxable equivalent adjustments included above are \$3,053 and \$1,767 for the nine months ended September 30, 2016 and 2015, respectively.
- (5) Loan fees included in interest income totaled \$3,304 and \$2,564 for the nine months ended September 30, 2016 and 2015, respectively.

Net interest income totaled \$109.9 million and \$117.0 million for the nine months ended September 30, 2016 and 2015, respectively. On a fully taxable equivalent basis, net interest income totaled \$112.9 million for the nine months ended September 30, 2016 and decreased \$5.9 million, or 4.9%, from \$118.8 million for the nine months ended September 30, 2015. Lower levels of higher-yielding 310-30 loans and investment portfolio paydowns decreased interest income \$15.5 million and was partially offset by a \$10.0 million increase in non 310-30 interest income from new loan originations. The continued resolution of the higher-yielding 310-30 acquired loan portfolio resulted in a 4 basis point narrowing of the fully taxable equivalent net interest margin to 3.51% from 3.55%.

Table of Contents

Average loans comprised \$2.7 billion, or 61.8%, of total average interest earning assets during the nine months ended September 30, 2016, compared to \$2.3 billion, or 51.0%, of total average interest earning assets during the nine months ended September 30, 2015. The increase in average loan balances is reflective of loan originations outpacing the exit of the acquired problem loans. The yield on the ASC 310-30 loan portfolio was 20.23% during the nine months ended September 30, 2016, compared to 19.29% during the same period the prior year. This increase was attributable to the effects of the favorable transfers of non-accretable difference to accretable yield that are being accreted to interest income over the remaining lives of these loans. Additionally, there was \$2.8 million of accelerated accretion income during the first nine months of 2016.

Average investment securities comprised 34.1% of total interest earning assets during the nine months ended September 30, 2016, compared to 41.6% during the nine months ended September 30, 2015. The decrease in the investment portfolio was a result of scheduled paydowns and reflects the re-mixing of the interest-earning assets as the runoff of the investment portfolio is used to fund loan originations. Short-term investments, comprised of interest earning deposits and securities purchased under agreements to resell, decreased to 3.7% of interest earning assets compared to 6.8% during the prior period, primarily due to a decrease in client repurchase agreements on deposit.

Average balances of interest bearing liabilities decreased \$89.4 million during the nine months ended September 30, 2016, compared to the nine months ended September 30, 2015, driven by a decrease of \$120.6 million in average time deposits and a \$103.5 million decrease in securities sold under agreements to repurchase, offset by an increase of \$131.1 in interest bearing demand, saving and money market deposits. Total interest expense related to interest bearing liabilities was \$10.9 million during the nine months ended September 30, 2016 and 2015, at an average cost of 0.46% and 0.44%, respectively. The average cost of deposits remained consistent at 0.36% from the same period in the prior year.

Table of Contents

The following table summarizes the changes in net interest income on a fully taxable equivalent basis by major category of interest earning assets and interest bearing liabilities, identifying changes related to volume and changes related to rates for the three and nine months ended September 30, 2016 compared to the three and nine months ended September 30, 2015:

| | Three months ended September 30, 2016 compared to Three months ended September 30, 2015 | | | Nine months ended September 30, 2016 compared to Nine months ended September 30, 2015 | | |
|--|---|--------|------------|---|------------|------------|
| | Increase (decrease) due to Volume | Rate | Net | Increase (decrease) due to Volume | Rate | Net |
| Interest income: | | | | | | |
| ASC 310-30 loans | \$ (3,649) | \$ 984 | \$ (2,665) | \$ (10,810) | \$ 1,735 | \$ (9,075) |
| Non 310-30 loans FTE(1)(2)(3) | 4,299 | (616) | 3,683 | 13,226 | (3,185) | 10,041 |
| Investment securities | | | | | | |
| available-for-sale | (1,286) | (91) | (1,377) | (4,100) | (254) | (4,354) |
| Investment securities held-to-maturity | (619) | (53) | (672) | (2,009) | (29) | (2,038) |
| Other securities | (173) | 14 | (159) | (429) | 47 | (382) |
| Interest earning deposits and securities purchased under agreements to resell | (219) | 81 | (138) | (582) | 551 | (31) |
| Total interest income | \$ (1,647) | \$ 319 | \$ (1,328) | \$ (4,703) | \$ (1,136) | \$ (5,839) |
| Interest expense: | | | | | | |
| Interest bearing demand, savings and money market deposits | \$ 12 | \$ 10 | \$ 22 | \$ 258 | \$ 91 | \$ 349 |
| Time deposits | (184) | 217 | 33 | (676) | 358 | (318) |
| Securities sold under agreements to repurchase | (21) | 21 | — | (105) | 92 | (13) |
| Federal Home Loan Bank advances | 39 | (23) | 16 | 43 | (26) | 17 |
| Total interest expense | (153) | 224 | 71 | (480) | 515 | 35 |
| Net change in net interest income | \$ (1,494) | \$ 95 | \$ (1,399) | \$ (4,224) | \$ (1,650) | \$ (5,874) |

-
- (1) Originated loans are net of deferred loan fees, less costs, which are included in interest income over the life of the loan.
- (2) Non 310-30 loans include loans held-for-sale. Average balances during the three months ended September 30, 2016 and 2015 were \$15,536 and \$9,214, respectively, and interest income was \$238 and \$192 for the same periods, respectively. Average balances during the nine months ended September 30, 2016 and 2015 were \$11,846 and \$6,313, respectively, and interest income was \$520 and \$423 for the same periods, respectively.
- (3) Presented on a fully taxable equivalent basis using the statutory tax rate of 35%. The taxable equivalent adjustments included above are \$1,041 and \$822 for three months ended September 30, 2016 and 2015, respectively. The taxable equivalent adjustments included above are \$3,053 and \$1,767 for nine months ended September 30, 2016 and 2015, respectively.

Below is a breakdown of deposits and the average rates paid during the periods indicated:

| | For the three months ended September 30, 2016 | | June 30, 2016 | | March 31, 2016 | | December 31, 2015 | | September 30, 2015 |
|------------|--|-------------------------|--------------------|-------------------------|--------------------|-------------------------|--------------------|-------------------------|--------------------|
| | Average balance | Average rate paid | Average balance | Average rate paid | Average balance | Average rate paid | Average balance | Average rate paid | Average balance |
| and ing | \$ 824,848 | 0.00% | \$ 821,987 | 0.00% | \$ 793,264 | 0.00% | \$ 825,979 | 0.00% | \$ 810,895 |
| et | 413,446 | 0.09% | 420,253 | 0.09% | 426,769 | 0.09% | 417,460 | 0.08% | 402,468 |
| | 1,001,658 | 0.33% | 1,169,238 | 0.33% | 1,037,376 | 0.33% | 1,047,072 | 0.33% | 1,034,284 |
| ounts | 383,981 | 0.28% | 388,947 | 0.27% | 375,481 | 0.25% | 347,811 | 0.26% | 344,047 |
| ts | 1,174,269 | 0.78% | 1,180,496 | 0.75% | 1,186,126 | 0.72% | 1,222,829 | 0.70% | 1,268,476 |
| osits | \$ 3,798,202 | 0.36% | \$ 3,980,921 | 0.36% | \$ 3,819,016 | 0.35% | \$ 3,861,151 | 0.34% | \$ 3,860,170 |

Table of Contents

Provision for Loan Losses

The provision for loan losses represents the amount of expense that is necessary to bring the ALL to a level that we deem appropriate to absorb probable losses inherent in the loan portfolio as of the balance sheet date. The ALL is in addition to the remaining purchase accounting marks of \$3.7 million on acquired non 310-30 loans that were established at the time of acquisition. The determination of the ALL, and the resultant provision for loan losses, is subjective and involves significant estimates and assumptions. Below is a summary of the provision for loan losses for the periods indicated:

| | For the three months ended September 30, | | For the nine months ended September 30, | |
|--|--|----------|---|----------|
| | 2016 | 2015 | 2016 | 2015 |
| Provision (recoupment) for impairment loans accounted for under ASC 310-30 | \$ 18 | \$ 110 | \$ (787) | \$ 168 |
| Provision for loan losses | 5,275 | 3,600 | 23,156 | 6,853 |
| Total provision for loan losses | \$ 5,293 | \$ 3,710 | \$ 22,369 | \$ 7,021 |

Provision for loan loss expense was \$5.3 million and \$22.4 million during the three and nine months ended September 30, 2016, respectively, compared to \$3.7 million and \$7.0 million during the three and nine months ended September 30, 2015, respectively. The \$5.3 million non 310-30 loan provision for loan losses recorded during the third quarter of 2016 was driven by loan growth and an increase in the energy sector provision of \$3.9 million, which was primarily the result of one loan that was partially charged-off during the quarter. The non 310-30 allowance for loan losses was 1.04% of total non 310-30 loans compared to 1.00% at September 30, 2015, increasing primarily due to higher reserves for the energy sector loans. Net charge-offs on non 310-30 loans totaled 2.64%, annualized, for the three months ended September 30, 2016 compared to 0.02%, annualized, for the three months ended September 30, 2015. The increase in annualized net charge-offs on non 310-30 loans was driven by charge-offs on three previously reserved for credits during the third quarter of 2016.

The year-over-year increase in the provision for loan loss of \$15.3 million was driven by a \$19.0 million increase in energy sector provision for loan loss. At quarter end, the energy related allowance for loan losses totaled 4.23% of the energy loan balances. Net charge-offs on non 310-30 loans totaled 1.16%, annualized, for the nine months of 2016 compared to 0.05%, annualized, for the nine months of 2015.

For the three and nine months ended September 30, 2016, we recorded a provision of \$18 thousand and recorded recoupments of \$787 thousand, respectively, of provision for loan losses accounted for under ASC 310-30 in connection with our re-measurements of expected cash flows. For the three and nine months ended September 30, 2015, we recorded provision of \$110 thousand and \$168 thousand, respectively, for loan losses accounted for under ASC 310-30 in connection with our re-measurements of expected cash flow. The decreases in expected future cash

flows are reflected immediately in our financial statements through increased provisions for loan losses. Increases in expected future cash flows are reflected through an increase in accretable yield that is accreted to income in future periods once any previously recorded provision expense has been reversed.

Non-Interest Income

The table below details non-interest income for the periods presented:

| | For the three months ended September 30, | | For the nine months ended September 30, | |
|---|---|----------|--|-----------|
| | 2016 | 2015 | 2016 | 2015 |
| Service charges | \$ 3,662 | \$ 3,953 | \$ 10,387 | \$ 10,977 |
| Bank card fees | 2,828 | 2,808 | 8,530 | 8,057 |
| Gain on sale of mortgages, net | 600 | 628 | 1,608 | 1,574 |
| Bank-owned life insurance income | 497 | 421 | 1,378 | 1,217 |
| Other non-interest income | 2,354 | 521 | 5,942 | 2,711 |
| OREO related write-ups and other income | 1,667 | 183 | 2,190 | 871 |
| Bargain purchase gain | — | 1,048 | — | 1,048 |
| FDIC loss-sharing related | — | (5,801) | — | (20,426) |
| Total non-interest income | \$ 11,608 | \$ 3,761 | \$ 30,035 | \$ 6,029 |

Table of Contents

Non-interest income for the three and nine months ended September 30, 2016 was \$11.6 million and \$30.0 million, respectively, compared to \$3.8 million and \$6.0 million during the three and nine months ended September 30, 2015, respectively. The \$7.8 million and \$24.0 million increase during the three and nine months ended September 30, 2016, respectively, compared to the prior periods was largely driven by negative \$5.8 million and \$20.4 million of FDIC loss-sharing related income for the three and nine months ended September 30, 2015, respectively. FDIC loss-sharing related represents the income (expense) recognized in connection with the actual reimbursement of costs/recoveries related to the resolution of covered assets by the FDIC.

Service charges, which represent various fees charged to clients for banking services, including fees such as non-sufficient funds (“NSF”) charges and service charges on deposit accounts, totaled \$3.7 million and \$10.4 million during the three and nine months ended September 30, 2016, respectively, compared to \$4.0 million and \$11.0 million during the three and nine months ended September 30, 2015. Bank card fees totaled \$2.8 million and \$8.5 million during the three and nine months ended September 30, 2016, respectively, compared to \$2.8 million and \$8.1 million during the three and nine months ended September 30, 2015, respectively.

Other non-interest income increased \$1.8 million and \$3.2 million during the three and nine months ended September 30, 2016, respectively, largely due to a \$1.0 million increase in gain on recoveries of acquired loans during the third quarter of 2016, and a \$1.8 million gain on sale of a building during the second quarter of 2016.

OREO related write-ups and other income includes rental income and insurance proceeds received on OREO properties and write-ups to the fair value of collateral that exceed the loan balance at the time of foreclosure. During the three months ended September 30, 2016, this income increased \$1.5 million, compared to a \$1.3 million increase for the nine months ended September 30, 2016, from the prior periods, respectively, due to a \$1.6 million collection in a guarantor settlement on one large OREO property during the current period.

Non-Interest Expense

The table below details non-interest expense for the periods presented:

| | For the three months ended September 30, | | For the nine months ended September 30, | |
|--|---|-----------|--|-----------|
| | 2016 | 2015 | 2016 | 2015 |
| Salaries and benefits | \$ 20,091 | \$ 20,454 | \$ 60,315 | \$ 61,687 |
| Occupancy and equipment | 5,666 | 6,098 | 17,440 | 18,256 |
| Telecommunications and data processing | 1,487 | 2,933 | 4,599 | 8,573 |
| Marketing and business development | 687 | 1,016 | 1,802 | 3,277 |

Edgar Filing: National Bank Holdings Corp - Form 10-Q

| | | | | |
|---|-----------|-----------|------------|------------|
| FDIC deposit insurance | 734 | 1,031 | 2,719 | 3,104 |
| Bank card expenses | 1,133 | 924 | 3,009 | 2,470 |
| Professional fees | 909 | 924 | 2,343 | 3,006 |
| Other non-interest expense | 2,198 | 2,831 | 6,265 | 7,566 |
| Problem asset workout | 1,172 | 1,821 | 3,104 | 5,435 |
| Intangible asset amortization | 1,370 | 1,359 | 4,110 | 4,031 |
| Gain on OREO sales, net | (2,077) | (238) | (4,120) | (2,342) |
| Gain from the change in fair value of warrant liability | — | (476) | — | (358) |
| Banking center consolidation related expenses | — | — | — | 1,089 |
| Total non-interest expense | \$ 33,370 | \$ 38,677 | \$ 101,586 | \$ 115,794 |

Non-interest expense totaled \$33.4 million and \$101.6 million for the three and nine months ended September 30, 2016, compared to \$38.7 million and \$115.8 million for the three and nine months ended September 30, 2015, decreasing \$5.3 million, or 13.7%, and \$14.2 million, or 12.3%, from the prior periods, respectively. For the three months ended September 30, 2016, the decrease was primarily driven by lower telecommunications and data processing expense of \$1.5 million, benefitting from the core system conversion, \$0.7 million lower problem asset workout expense coupled with better OREO gains of \$1.8 million, a combined \$0.8 million lower salaries and benefits and occupancy and equipment expenses, and lower other expenses of \$0.6 million. Additionally, the prior period included \$0.5 million of income from changes in fair value of the warrant liability.

Table of Contents

For the nine months ended September 30, 2016, the decrease in non-interest expense was driven by lower telecommunications and data processing expense of \$4.0 million, benefiting from the core system conversion, \$2.3 million lower problem asset workout expense coupled with better OREO gains of \$1.8 million, lower marketing expense of \$1.5 million, lower salaries and benefits expense of \$1.4 million due to lower staffing levels and lower incentive accruals, and lower other expenses of \$1.3 million. Additionally, the prior period included banking center consolidated related expenses of \$1.1 million, offset by warrant liability income of \$0.4 million.

Income taxes

Income tax expense totaled \$1.7 million for the three months ended September 30, 2016, compared to a benefit of \$1.6 million for the three months ended September 30, 2015. Income tax expense totaled \$2.9 million for the nine months ended September 30, 2016, compared to a benefit of \$1.3 million for the nine months ended September 30, 2015.

The effective tax rate was 16.9% for the three months ended September 30, 2016, compared to a negative 2,821.4% in the same period of the prior year. The effective tax rate was 18.0% for the nine months ended September 30, 2016 compared to a negative 570.0% in the same period of the prior year. The difference in the effective tax rate compared to the statutory tax rate is primarily due to interest income from tax-exempt lending, bank-owned life insurance income, and the relationship of these items to pre-tax income. The difference in the effective tax rate and prior period tax rates was a result of the Company recording income tax expense on a full year forecast method rather than on a discrete quarter basis that was used for 2015. The Company forecasts the full year estimated effective tax rate in accordance with ASC 740; as a result, the relationship between pre-tax income and tax-exempt income within each reporting period can create fluctuations in the effective tax rate from period-to-period.

Certain stock-based compensation awards have market-based vesting/exercisability criteria. For restricted stock with market-based vesting, the target share prices of the Company's stock that is required for vesting range from \$25.00 - \$34.00 per share. The strike prices for options range from \$18.09 - \$22.10, with a large portion of the awards having strike prices of \$20.00. These stock-based compensation awards may expire unexercised or may be exercised at an intrinsic value that is less than the fair value recorded at the time of grant, and therefore, the related tax benefits may not be realizable in future periods. In this case, upon the expiration or exercise (or forfeiture in the case of the restricted stock with market-based vesting criteria) of these awards, any related remaining deferred tax asset would be written off through a charge to income tax expense. As of September 30, 2016, \$9.9 million of deferred tax assets related to stock-based compensation, \$8.0 million of which is associated with executive officers still employed by the Company.

Additional information regarding income taxes can be found in note 21 of our audited consolidated financial statements in our 2015 Annual Report on Form 10-K and note 13 of this document.

Liquidity and Capital Resources

Liquidity is monitored and managed to ensure that sufficient funds are available to operate our business and pay our obligations to depositors and other creditors, while providing ample available funds for opportunistic and strategic investments. On-balance sheet liquidity is represented by our cash and cash equivalents, securities purchased under agreements to resell, and unencumbered investment securities, and is detailed in the table below as of September 30, 2016 and December 31, 2015:

| | September 30, 2016 | December 31, 2015 |
|---|--------------------|-------------------|
| Cash and due from banks | \$ 124,977 | \$ 155,985 |
| Interest bearing bank deposits | — | 10,107 |
| Unencumbered investment securities, at fair value | 902,379 | 1,093,517 |
| Total | \$ 1,027,356 | \$ 1,259,609 |

Total on-balance sheet liquidity decreased \$232.3 million at September 30, 2016 compared to December 31, 2015. The decrease was largely due to a planned reduction of \$191.1 million and \$31.0 million in unencumbered available-for-sale and held-to-maturity securities and interest bearing bank deposits, respectively.

Table of Contents

Our primary sources of funds are deposits, securities sold under agreements to repurchase, prepayments and maturities of loans and investment securities, the sale of investment securities, and funds provided from operations. We are also a party to a master repurchase agreement with a large financial institution and we anticipate that, through this agreement, we would have access to a significant amount of liquidity. We anticipate having access to other third party funding sources, including the ability to raise funds through the issuance of shares of our common stock or other equity or equity-related securities, incurrence of debt, and federal funds purchased, that may also be a source of liquidity. We anticipate that these sources of liquidity will provide adequate funding and liquidity for at least a 12 month period.

Our primary uses of funds are loan originations, investment security purchases, withdrawals of deposits, settlement of repurchase agreements, capital expenditures, operating expenses, and share repurchases. For additional information regarding our operating, investing, and financing cash flows, see the consolidated statements of cash flows in the accompanying unaudited consolidated financial statements.

Exclusive from the investing activities related to acquisitions, our primary investing activities are originations and pay-offs and pay downs of loans and purchases and sales of investment securities. At September 30, 2016, pledgeable investment securities represented our largest source of liquidity. Our available-for-sale investment securities are carried at fair value and our held-to-maturity securities are carried at amortized cost. Our collective investment securities portfolio totaled \$1.3 billion at September 30, 2016, inclusive of pre-tax net unrealized gains of \$5.5 million on the available-for-sale securities portfolio. Additionally, our held-to-maturity securities portfolio had \$5.3 million of pre-tax net unrealized gains at September 30, 2016. The gross unrealized gains and losses are detailed in note 3 of our consolidated financial statements. As of September 30, 2016, our investment securities portfolio consisted primarily of mortgage-backed securities, all of which were issued or guaranteed by U.S. Government agencies or sponsored enterprises. The anticipated repayments and marketability of these securities offer substantial resources and flexibility to meet new loan demand, reinvest in the investment securities portfolio, or provide optionality for reductions in our deposit funding base.

At present, financing activities primarily consist of changes in deposits and repurchase agreements, and advances from FHLB, in addition to the payment of dividends and the repurchase of our common stock. Maturing time deposits represent a potential use of funds. As of September 30, 2016, \$801.3 million of time deposits were scheduled to mature within 12 months. Based on the current interest rate environment, market conditions, and our consumer banking strategy focusing on both lower cost transaction accounts and term deposits, we expect to replace a significant portion of those maturing time deposits with transaction deposits and market-rate time deposits.

As of September 30, 2016, we were a member of the FHLB of Topeka. As of December 31, 2015, we were a member of the FHLB of Des Moines. Through these relationships, we have pledged qualifying loans and investment securities allowing us to obtain additional liquidity through FHLB advances and lines of credit. FHLB advances and lines of credit available totaled \$885.3 million of which \$51.4 million was used at September 30, 2016. We can obtain additional liquidity through FHLB advances if required. The bank also has access to federal funds lines of credit with correspondent banks.

The new Basel III rules, effective January 1, 2015, changed the components of regulatory capital and changed the way in which risk ratings are assigned to various categories of bank assets. Also, a new Tier I common risk-based ratio was defined. Under the Basel III requirements, at September 30, 2016, the Company met all capital adequacy requirements and had regulatory capital ratios in excess of the levels established for well-capitalized institutions. For more information on regulatory capital, see note 8 in our consolidated financial statements.

Our shareholders' equity is impacted by the retention of earnings, changes in unrealized gains on securities, net of tax, share repurchases and the payment of dividends. At September 30, 2016 and December 31, 2015, NBH Bank and the consolidated holding company exceeded all capital requirements to which they were subject.

The Board of Directors has authorized multiple programs to repurchase shares of the Company's common stock from time to time either in open market or in privately negotiated transactions in accordance with applicable regulations of the SEC. On August 5, 2016, the Company announced that its Board of Directors authorized a program to repurchase up to an additional \$50.0 million of the Company's common stock. The remaining authorization under this program as of September 30, 2016 was \$18.8 million.

During the nine months ended September 30, 2016, we repurchased 4.2 million shares of our common stock at a weighted average price of \$20.62, and all such shares are held as treasury shares. We believe that our repurchases could serve to offset any future share issuances for future acquisitions.

Table of Contents

On October 18, 2016, our Board of Directors declared a quarterly dividend of \$0.07 per common share, payable on December 15, 2016 to shareholders of record at the close of business on November 25, 2016.

Asset/Liability Management and Interest Rate Risk

Management and the Board of Directors are responsible for managing interest rate risk and employing risk management policies that monitor and limit this exposure. Interest rate risk is measured using net interest income simulations and market value of portfolio equity analyses. These analyses use various assumptions, including the nature and timing of interest rate changes, yield curve shape, prepayments on loans and securities, deposit decay rates, pricing decisions on loans and deposits, and reinvestment/replacement of asset and liability cash flows.

The principal objective of the Company's asset and liability management function is to evaluate the interest rate risk within the balance sheet and pursue a controlled assumption of interest rate risk while maximizing earnings and preserving adequate levels of liquidity and capital. The asset and liability management function is under the guidance of the Asset Liability Committee from direction of the Board of Directors. The Asset Liability Committee meets monthly to review, among other things, the sensitivity of the Company's assets and liabilities to interest rate changes, local and national market conditions and rates. The Asset Liability Committee also reviews the liquidity, capital, deposit mix, loan mix and investment positions of the Company.

Instantaneous parallel rate shift scenarios are modeled and utilized to evaluate risk and establish exposure limits for acceptable changes in net interest margin. These scenarios, known as rate shocks, simulate an instantaneous change in interest rates and use various assumptions, including, but not limited to, prepayments on loans and securities, deposit decay rates, pricing decisions on loans and deposits, reinvestment and replacement of asset and liability cash flows.

We also analyze the economic value of equity as a secondary measure of interest rate risk. This is a complementary measure to net interest income where the calculated value is the result of the market value of assets less the market value of liabilities. The economic value of equity is a longer term view of interest rate risk because it measures the present value of the future cash flows. The impact of changes in interest rates on this calculation is analyzed for the risk to our future earnings and is used in conjunction with the analyses on net interest income.

Our interest rate risk model indicated that the Company was asset sensitive in terms of interest rate sensitivity at September 30, 2016. During the three months ended September 30, 2016, we increased our asset sensitivity as a result of the balance sheet mix towards more variable rate loans, even after adjusting our models for the excess capital deployment. The table below illustrates the impact of an immediate and sustained 200 and 100 basis point increase and a 50 basis point decrease in interest rates on net interest income based on the interest rate risk model at September

30, 2016 and December 31, 2015:

| Hypothetical shift in interest rates (in bps) | % change in projected net interest income | |
|---|---|-------------------|
| | September 30, 2016 | December 31, 2015 |
| 200 | 6.54% | 5.81% |
| 100 | 4.14% | 3.13% |
| (50) | (3.24)% | (1.33)% |

Many assumptions are used to calculate the impact of interest rate fluctuations. Actual results may be significantly different than our projections due to several factors, including the timing and frequency of rate changes, market conditions and the shape of the yield curve. The computations of interest rate risk shown above do not include actions that management may undertake to manage the risks in response to anticipated changes in interest rates and actual results may also differ due to any actions taken in response to the changing rates.

As part of the asset/liability management strategy to manage primary market risk exposures expected to be in effect in future reporting periods, management has emphasized the origination of shorter duration loans as well as variable rate loans to limit the negative exposure to a rate increase. The strategy with respect to liabilities has been to emphasize transaction accounts, particularly non-interest or low interest bearing non-maturing deposit accounts which are less sensitive to changes in interest rates. In response to this strategy, non-maturing deposit accounts have grown \$4.4 million during the nine months September 30, 2016, and totaled 69.3% of total deposits at September 30, 2016 compared to 68.9% at December 31, 2015. We currently have no brokered time deposits and intend to continue to focus on our strategy of increasing non-interest or low-cost interest bearing non-maturing deposit accounts.

Table of Contents

Off-Balance Sheet Activities

In the normal course of business, we are a party to various contractual obligations, commitments and other off-balance sheet activities that contain credit, market, and operational risk that are not required to be reflected in our consolidated financial statements. The most significant of these are the loan commitments that we enter into to meet the financing needs of clients, including commitments to extend credit, commercial and consumer lines of credit and standby letters of credit. As of September 30, 2016 and December 31, 2015, we had loan commitments totaling \$557.0 million and \$627.2 million, respectively, and standby letters of credit that totaled \$12.6 million and \$9.8 million, respectively. Unused commitments do not necessarily represent future credit exposure or cash requirements, as commitments often expire without being drawn upon. We do not anticipate any material losses arising from commitments or contingent liabilities and we do not believe that there are any material commitments to extend credit that represent risks of an unusual nature.

Item 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

The information called for by this item is provided under the caption Asset/Liability Management and Interest Rate Risk in Part I, Item 2-Management's Discussion and Analysis of Financial Condition and Results of Operations and is incorporated herein by reference.

Item 4. CONTROLS AND PROCEDURES

Our management, with the participation of our principal executive officer and principal financial officer, conducted an evaluation of the effectiveness of our disclosure controls and procedures, as such term is defined in Rule 13a-15(e) under the Securities Exchange Act of 1934, as of September 30, 2016. Based on this evaluation, our principal executive officer and our principal financial officer concluded that our disclosure controls and procedures were effective as of September 30, 2016.

During the most recently completed fiscal quarter, there were no changes made in the Company's internal controls over financial reporting (as defined in Rules 13a-15(f) and 15d-15(f) under the Exchange Act) that have materially affected, or are reasonably likely to materially affect, the Company's internal control over financial reporting.

Table of Contents

PART II: OTHER INFORMATION

Item 1. LEGAL PROCEEDINGS

From time to time, we are a party to various litigation matters incidental to the conduct of our business. We are not presently party to any legal proceedings the resolution of which we believe would have a material adverse effect on our business, prospects, financial condition, liquidity, results of operation, cash flows or capital levels.

Item 1A. RISK FACTORS

There have been no material changes to the risk factors disclosed in Item 1A. Risk Factors in our Annual Report on Form 10-K for the year ended December 31, 2015.

Item 2. UNREGISTERED SALES OF EQUITY SECURITIES AND USE OF PROCEEDS

| Period | Total number of shares (or units) purchased | Average price paid per share (or unit) | Total number of shares (or units) purchased as part of publicly announced plans or programs | Maximum number (or approximate dollar value) of shares (or units) that may yet be purchased under the plans or programs (2)(3) |
|-------------------------------------|---|--|---|--|
| July 1 - July 31, 2016 | 87,366 | \$ 19.92 | 87,366 | \$ 21,462,301 |
| July 1 - July 31, 2016(1) | 755 | 20.12 | - | 21,462,301 |
| August 1 - August 31, 2016 | 2,166,795 | 20.98 | 2,166,795 | 26,005,714 |
| August 1 - August 31, 2016(1) | 1,340 | 23.76 | - | 26,005,714 |
| September 1 - September 30, 2016 | 305,790 | 23.50 | 305,790 | 18,819,519 |
| September 1 - September 30, 2016(1) | 32 | 23.83 | - | 18,819,519 |
| Total | 2,562,078 | \$ 21.24 | 2,559,951 | \$ 18,819,519 |

(1) These shares represent shares purchased other than through publicly announced plans and were purchased pursuant to the Company's 2014 Omnibus Incentive Plan (the "2014 Plan"). Under the 2014 Plan, shares were

purchased from plan participants at the then current market value in satisfaction of stock option exercises prices, settlements of restricted stock, and tax withholdings.

- (2) On January 21, 2016, the Company's Board of Directors authorized a \$50.0 million stock repurchase program.
- (3) On August 5, 2016, the Company's Board of Directors authorized an additional \$50.0 million stock repurchase program.

Item 5. OTHER INFORMATION

None.

76

Table of Contents

Item 6. EXHIBITS

- 3.1 Second Amended and Restated Certificate of Incorporation (incorporated herein by reference to Exhibit 3.1 to our Form S-1 Registration Statement (Registration No. 333-177971), filed August 22, 2012)
- 3.2 Second Amended and Restated By-Laws (incorporated herein by reference to Exhibit 3.2 to our Quarterly Report on Form 10-Q for the quarterly period ended September 30, 2015, filed November 7, 2014)
- 31.1 Certification of CEO pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
- 31.2 Certification of CFO pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
- 32 Certifications of CEO and CFO pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002
- 101 Interactive data files pursuant to Rule 405 of Regulation S-T: (i) the Consolidated Balance Sheets, (ii) the Consolidated Statements of Operations, (iii) the Consolidated Statements of Comprehensive Income (Loss), (iv) the Consolidated Statements of Changes in Equity, (v) the Consolidated Statements of Cash Flows and (vi) the Notes to Consolidated Financial Statements, tagged as blocks of text and in detail

Table of Contents

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

NATIONAL BANK HOLDINGS CORPORATION

/s/ Brian F. Lilly
Brian F. Lilly
Chief Financial Officer; Chief of M&A and Strategy
(principal financial officer)

Date: November 4, 2016