## Phillips 66 (PSX)

Updated August $7^{\text {th }}, 2019$ by Aristofanis Papadatos Key Metrics

| Current Price: | $\$ 97$ | 5 Year CAGR Estimate: | $10.4 \%$ | Volatility Percentile: | $62.4 \%$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Fair Value Price: | $\$ 96$ | 5 Year Growth Estimate: | $7.0 \%$ | Momentum Percentile: | $22.1 \%$ |
| \% Fair Value: | $101 \%$ | 5 Year Valuation Multiple Estimate: | $-0.2 \%$ | Growth Percentile: | $67.8 \%$ |
| Dividend Yield: | $3.6 \%$ | 5 Year Price Target | \$135 | Valuation Percentile: | $48.4 \%$ |
| Dividend Risk Score: | B | Retirement Suitability Score: | B | Total Return Percentile: $56.2 \%$ |  |

## Overview \& Current Events

Phillips 66 was spun off from ConocoPhillips in 2012. Phillips 66 has a market capitalization of $\$ 43$ billion and operates in four segments: refining, midstream, chemicals, and marketing. It is a diversified company with each of its segments behaving differently under various oil prices. When the oil price began to collapse in 2014, the refining segment became by far the most profitable segment, as low oil prices improved demand for oil products and boosted refining margins.
In late July, Phillips 66 reported (7/26/19) financial results for the second quarter of fiscal 2019. The company exceeded analysts' consensus by an impressive margin (\$3.02 vs. \$2.70) thanks to strong refining earnings and record midstream earnings. The refining segment switched from a pre-tax loss of $\$ 198$ million in the first quarter to a pre-tax profit of $\$ 983$ million thanks to expansion of realized margins from $\$ 7.23$ to $\$ 11.37$ per barrel, which resulted mostly from higher gasoline cracks, and an increase in refinery utilization from $84 \%$ to $97 \%$. The midstream segment posted record results primarily thanks to higher pipeline and terminal volumes in the transportation division. The record results rewarded the company for its continuing focus on the expansion of its crude oil pipeline network.
Notably Phillips 66 exceeded analysts' earnings-per-share estimates for an $8^{\text {th }}$ consecutive quarter. Moreover, management raised the quarterly dividend by $12.5 \%$, from $\$ 0.80$ to $\$ 0.90$ per share. Thanks to the impressive performance of the company, we have raised our forecast for this year's earnings-per-share from $\$ 7.60$ to $\$ 8.00$.

## Growth on a Per-Share Basis

| Year | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2024 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| EPS | --- | --- | --- | \$6.48 | \$5.92 | \$7.10 | \$7.73 | \$2.92 | \$4.58 | \$11.85 | \$8.00 | \$11.22 |
| DPS | --- | --- | --- | \$0.45 | \$1.33 | \$1.89 | \$2.18 | \$2.45 | \$2.73 | \$3.10 | \$3.50 | \$4.50 |
| Shares | --- | --- | --- | 637 | 619 | 571 | 547 | 530 | 519 | 464 | 440 | 350 |

Growth projects in the oil industry take many years to start bearing fruit and hence there is a great lag between capital expenses and their resultant cash flows. Fortunately for the shareholders of Phillips 66, the company is currently in the positive phase of its cycle. While it has greatly reduced its capital expenses in recent years, it has begun to reap the benefits from its huge investments in 2014 and 2015, when it invested a total of $\$ 9.5$ billion. In addition, management is well known for its discipline to invest only in high-return projects.
Phillips 66 will benefit from the new international marine rules, which will force vessels sailing in international waters to burn low-sulfur diesel instead of heavy fuel oil starting January, 2020. Diesel is much more expensive than fuel oil and hence refiners will enjoy a boost in their earnings. The extensive turnaround activity of Phillips 66 in the first quarter hurt the results in that quarter but prepared the refineries of the company to run at full throttle when the new marine rules come into effect. The company is likely to greatly benefit from its prudent strategy.
Moreover, Phillips 66 has repurchased its shares at a $5 \%$ average annual rate in the last six years and has confirmed its intention to continue to repurchase its shares at a similar pace. Thanks to these share repurchases and the continuous expansion of the pipeline network of the company via high-return projects, we remain confident for $7 \%$ annual earnings-per-share growth in the upcoming years.

## Phillips 66 (PSX)

Updated August $7^{\text {th }}, 2019$ by Aristofanis Papadatos
Valuation Analysis

| Year | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 8}$ | Now |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2024 |  |  |  |  |  |  |  |  |  |  |  |
| Avg. P/E | --- | --- | -- | 6.4 | 10.5 | 11.1 | 10.3 | 27.7 | 18.5 | 8.9 | $\mathbf{1 2 . 1}$ |
| Avg. YId. | --- | --- | -- | $1.1 \%$ | $2.1 \%$ | $2.4 \%$ | $2.7 \%$ | $3.0 \%$ | $3.2 \%$ | $2.9 \%$ | $\mathbf{3 . 6 \%}$ |
| $\mathbf{3 . 3 \%}$ |  |  |  |  |  |  |  |  |  |  |  |

Phillips 66 is now trading at a price-to-earnings ratio of 12.1, which is lower than its 10 -year average of 13.3. In order to be conservative, we assume a fair earnings multiple of 12.0 for this stock. If the stock approaches our fair value estimate within the next five years, it will incur a minor $0.2 \%$ annualized drag in its returns.

## Safety, Quality, Competitive Advantage, \& Recession Resiliency

| Year | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 8}$ | $\mathbf{2 0 1 9}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Payout | -- | --- | -- | $6.9 \%$ | $22.5 \%$ | $26.6 \%$ | $28.2 \%$ | $83.9 \%$ | $59.6 \%$ | $26.2 \%$ | $\mathbf{4 3 . 8 \%}$ |
| $\mathbf{n}$ |  |  | $\mathbf{4 0 . 1 \%}$ |  |  |  |  |  |  |  |  |

Phillips 66 has a significant competitive advantage, namely the discipline of its management to invest only in high-return projects. However, despite its diversified business, the company is cyclical, just like most oil companies. In the recent downturn of the oil sector, between mid-2014 and 2017, low oil prices resulted in high refining margins thanks to healthy underlying economic growth. However, in the Great Recession, the price of oil products plunged along with the price of oil and resulted in low refining margins. Phillips 66 will have significant downside risk in such an event.

## Final Thoughts \& Recommendation

Phillips 66 is a well-managed company, which is properly positioned for most scenarios of oil prices. In our last research report, in May, we stated that investors should ignore the poor results in the first quarter and focus on the promising growth prospects of the company. Since then, the stock has rallied $13 \%$ but it can still offer a $10.4 \%$ average annual return over the next five years. As a result, the stock maintains its buy rating, though it is now at the margin of being assigned a hold rating.

Total Return Breakdown by Year


## Phillips 66 (PSX)

Updated August $7^{\text {th }}, 2019$ by Aristofanis Papadatos
Income Statement Metrics

| Year | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 8}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Revenue (\$B) | 112.9 | 146.6 | 195.9 | 179.3 | 171.6 | 161.2 | 99.0 | 84.3 | 102.4 | 111.5 |
| Gross Profit | 15606 | 21469 | 23163 | 24877 | 23351 | 25464 | 25576 | 21811 | 22945 | 13531 |
| Gross Margin | $13.8 \%$ | $14.6 \%$ | $11.8 \%$ | $13.9 \%$ | $13.6 \%$ | $15.8 \%$ | $25.8 \%$ | $25.9 \%$ | $22.4 \%$ | $12.1 \%$ |
| SG\&A Exp. | 1314 | 1384 | 1394 | 1703 | 1478 | 1663 | 1670 | 1638 | 1695 | 1677 |
| D\&A Exp. | 879 | 880 | 902 | 906 | 947 | 995 | 1078 | 1168 | 1318 | 1356 |
| Operating Profit | -231 | 1078 | 2521 | 4612 | 2666 | 3430 | 4548 | 1098 | 1838 | 5209 |
| Op. Margin | $-0.2 \%$ | $0.7 \%$ | $1.3 \%$ | $2.6 \%$ | $1.6 \%$ | $2.1 \%$ | $4.6 \%$ | $1.3 \%$ | $1.8 \%$ | $4.7 \%$ |
| Net Profit | 476 | 735 | 4775 | 4124 | 3726 | 4762 | 4227 | 1555 | 5106 | 5595 |
| Net Margin | $0.4 \%$ | $0.5 \%$ | $2.4 \%$ | $2.3 \%$ | $2.2 \%$ | $3.0 \%$ | $4.3 \%$ | $1.8 \%$ | $5.0 \%$ | $5.0 \%$ |
| Free Cash Flow | -1515 | 942 | 3990 | 2595 | 4248 | -244 | -51 | 119 | 1816 | 4934 |
| Income Tax | 368 | 579 | 1822 | 2473 | 1844 | 1654 | 1764 | 547 | -1693 | 1572 |

Balance Sheet Metrics

| Year | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 8}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total Assets | 42880 | 44955 | 43211 | 48073 | 49798 | 48692 | 48580 | 51653 | 54371 | 54302 |
| Cash \& Equivalents | 0 | 0 | 0 | 3474 | 5400 | 5207 | 3074 | 2711 | 3119 | 3019 |
| Acc. Receivable | 6842 | 8364 | 10025 | 10403 | 9632 | 7255 | 5173 | 6397 | 7506 | 6173 |
| Inventories | 3842 | 4113 | 3466 | 3430 | 3354 | 3397 | 3477 | 3150 | 3395 | 3543 |
| Goodwill \& Int. | 4426 | 4410 | 4064 | 4068 | 3794 | 4174 | 4181 | 4158 | 4146 | 4139 |
| Total Liabilities | 15940 | 18929 | 19918 | 27267 | 27406 | 26655 | 24642 | 27928 | 26943 | 27149 |
| Accounts Payable | 7715 | 9814 | 10792 | 10710 | 11090 | 8064 | 5655 | 7061 | 8027 | 6586 |
| Long-Term Debt | 428 | 417 | 391 | 6974 | 6155 | 8635 | 8887 | 10138 | 10110 | 11160 |
| Total Equity | 26917 | 26001 | 23264 | 20775 | 21950 | 21590 | 23100 | 22390 | 25085 | 24653 |
| D/E Ratio | 0.02 | 0.02 | 0.02 | 0.34 | 0.28 | 0.40 | 0.38 | 0.45 | 0.40 | 0.45 |

## Profitability \& Per Share Metrics

| Year | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 8}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Return on Assets | N/A | $1.7 \%$ | $10.8 \%$ | $9.0 \%$ | $7.6 \%$ | $9.7 \%$ | $8.7 \%$ | $3.1 \%$ | $9.6 \%$ | $10.3 \%$ |
| Return on Equity | N/A | $2.8 \%$ | $19.4 \%$ | $18.7 \%$ | $17.4 \%$ | $21.9 \%$ | $18.9 \%$ | $6.8 \%$ | $21.5 \%$ | $22.5 \%$ |
| ROIC | N/A | $2.7 \%$ | $19.1 \%$ | $16.0 \%$ | $13.2 \%$ | $16.1 \%$ | $13.3 \%$ | $4.7 \%$ | $14.3 \%$ | $14.8 \%$ |
| Shares Out. | --- | -- | --- | 636.76 | 618.99 | 571.50 | 546.98 | 530.07 | 518.51 | 464.4 |
| Revenue/Share | 176.3 | 229.00 | 306.14 | 281.56 | 277.22 | 282.08 | 180.95 | 159.00 | 197.40 | 235.13 |
| FCF/Share | -2.37 | 1.47 | 6.23 | 4.08 | 6.86 | -0.43 | -0.09 | 0.22 | 3.50 | 10.41 |

Note: All figures in millions of U.S. Dollars unless per share or indicated otherwise.

## Disclaimer

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     to the contrary should be made. There is a risk of loss from an investment in marketable securities. Past performance is not a guarantee of future performance.

