## Phillips 66 (PSX)

Updated May 6th, 2020 by Aristofanis Papadatos Key Metrics

| Current Price: | $\$ 75$ | 5 Year CAGR Estimate: | $11.4 \%$ | Market Cap: | \$32.8 B |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Fair Value Price: | $\$ 84$ | 5 Year Growth Estimate: | $5.0 \%$ | Ex-Dividend Date: | $5 / 15 / 2020^{1}$ |
| \% Fair Value: | $89 \%$ | 5 Year Valuation Multiple Estimate: | $2.4 \%$ | Dividend Payment Date: | $6 / 1 / 2020$ |
| Dividend Yield: | $4.8 \%$ | 5 Year Price Target | $\$ 108$ | Years Of Dividend Growth: | 8 |
| Dividend Risk Score: | F | Retirement Suitability Score: | D | Last Dividend Increase: | 12.5\% |

## Overview \& Current Events

Phillips 66 was spun off from ConocoPhillips in 2012. Phillips 66 has a market capitalization of $\$ 32.8$ 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 oil prices collapsed 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 2019, the refining segment generated $48 \%$ of the total earnings of Phillips 66.

In early May, Phillips 66 reported (5/1/20) financial results for the first quarter of fiscal 2020. The company posted a loss of $-\$ 2.5$ billion or $-\$ 5.66$ per share due to asset impairments of $-\$ 2.9$ billion, which resulted from the collapse of the oil price to 18 -year lows amid a collapse in the demand for oil products. Excluding asset impairments, Phillips 66 posted adjusted earnings-per-share of \$1.02, which decreased -35\% sequentially. The drop was caused by a -25\% decrease in realized refining margins and a decline in refinery utilization from $97 \%$ to $82 \%$ due to depressed demand for oil products. These factors led the refining segment to switch from a pre-tax profit of $\$ 345$ million in the previous quarter to a pre-tax loss of - $\$ 401$ million. The energy market is going through one of the fiercest downturns in its history due to the pandemic and Phillips 66 will greatly be affected. We expect the company to earn only $\$ 2.50$ per share this year.

## Growth on a Per-Share Basis

| Year | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 8}$ | $\mathbf{2 0 1 9}$ | $\mathbf{2 0 2 0}$ | $\mathbf{2 0 2 5}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| EPS | --- | --- | $\$ 6.48$ | $\$ 5.92$ | $\$ 7.10$ | $\$ 7.73$ | $\$ 2.92$ | $\$ 4.58$ | $\$ 11.85$ | $\$ 8.05$ | $\mathbf{\$ 2 . 5 0}$ | $\mathbf{\$ 8 . 9 7}$ |
| DPS | --- | -- | $\$ 0.45$ | $\$ 1.33$ | $\$ 1.89$ | $\$ 2.18$ | $\$ 2.45$ | $\$ 2.73$ | $\$ 3.10$ | $\$ 3.50$ | $\$ 3.60$ | $\$ 4.59$ |
| Shares $^{2}$ | --- | --- | 637 | 619 | 571 | 547 | 530 | 519 | 464 | 441 | $\mathbf{4 4 2}$ | $\mathbf{4 0 0}$ |

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.
The pandemic will greatly affect the results of Phillips 66 this year but we expect the company to recover from next year, along with the energy market. In order to calculate its future returns, we have used its mid-cycle (5-year average) earnings-per-share of $\$ 7.03$ as a base. As soon as the pandemic subsides, Phillips 66 will greatly benefit from the new international marine standard (IMO 2020), which has forced vessels sailing in international waters to burn low-sulfur diesel instead of heavy fuel oil since January $1^{\text {st }}, 2020$. Diesel is much more expensive than fuel oil and hence refiners will enjoy a boost in their earnings. Phillips 66 also has many ongoing growth projects in its midstream segment. Moreover, while Phillips 66 has suspended share repurchases due to the pandemic, it will resume them when the

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economy recovers. Overall, we expect Phillips 66 to grow its earnings-per-share by $5.0 \%$ per year on average over the next five years off its mid-cycle level.

Valuation Analysis

| Year | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 8}$ | $\mathbf{2 0 1 9}$ | Now |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Avg. P/E | --- | -- | 6.4 | 10.5 | 11.1 | 10.3 | 27.7 | 18.5 | 8.9 | 12.4 | $\mathbf{1 0 . 7}$ |
| Avg. YId. | --- | -- | $1.1 \%$ | $2.1 \%$ | $2.4 \%$ | $2.7 \%$ | $3.0 \%$ | $3.2 \%$ | $2.9 \%$ | $3.5 \%$ | $\mathbf{4 . 8 \%}$ |

Phillips 66 is now trading at 10.7 times its mid-cycle earnings. This valuation level is lower than its 10-year average of 13.2. 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 enjoy a $2.4 \%$ annualized gain in its returns.

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

| Year | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 8}$ | $\mathbf{2 0 1 9}$ | $\mathbf{2 0 2 0}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Payout | -- | -- | $6.9 \%$ | $22.5 \%$ | $26.6 \%$ | $28.2 \%$ | $83.9 \%$ | $59.6 \%$ | $26.2 \%$ | $43.5 \%$ | $\mathbf{5 1 . 2 \%}$ |

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. The current downturn is much fiercer than the recent downturn and hence it will greatly affect the results of Phillips 66, at least this year.

## Final Thoughts \& Recommendation

Phillips 66 is a well-managed company, which is properly positioned for most scenarios of oil prices, but it is now facing a severe downturn due to the coronavirus. The stock has nearly doubled off its recent low, but it is still -38\% off its 52week high. As we expect Phillips 66 to recover next year, we expect it to offer an $11.4 \%$ average annual return over the next five years. We thus rate it as a buy, though investors could wait for a better valuation after the rally since March.

## Total Return Breakdown by Year



## Phillips 66 (PSX)

Updated May 6 ${ }^{\text {th }}, 2020$ by Aristofanis Papadatos
Income Statement Metrics

| Year | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 8}$ | $\mathbf{2 0 1 9}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Revenue (\$B) | 146.6 | 195.9 | 179.3 | 171.6 | 161.2 | 99.0 | 84.3 | 102.4 | 111.4 | 107.3 |
| Gross Profit | 21,469 | 23,163 | 24,877 | 23,351 | 25,464 | 25,576 | 21,811 | 22,945 | 13,531 | 11,764 |
| Gross Margin | $14.6 \%$ | $11.8 \%$ | $13.9 \%$ | $13.6 \%$ | $15.8 \%$ | $25.8 \%$ | $25.9 \%$ | $22.4 \%$ | $12.1 \%$ | $11.0 \%$ |
| SG\&A Exp. | 1,384 | 1,394 | 1,703 | 1,478 | 1,663 | 1,670 | 1,638 | 1,695 | 1,677 | 1,681 |
| D\&A Exp. | 880 | 902 | 906 | 947 | 995 | 1,078 | 1,168 | 1,318 | 1,356 | 1,341 |
| Operating Profit | 1,078 | 2,521 | 4,612 | 2,666 | 3,430 | 4,548 | 1,098 | 1,838 | 5,209 | 3,335 |
| Op. Margin | $0.7 \%$ | $1.3 \%$ | $2.6 \%$ | $1.6 \%$ | $2.1 \%$ | $4.6 \%$ | $1.3 \%$ | $1.8 \%$ | $4.7 \%$ | $3.1 \%$ |
| Net Profit | 735 | 4,775 | 4,124 | 3,726 | 4,762 | 4,227 | 1,555 | 5,106 | 5,595 | 3,076 |
| Net Margin | $0.5 \%$ | $2.4 \%$ | $2.3 \%$ | $2.2 \%$ | $3.0 \%$ | $4.3 \%$ | $1.8 \%$ | $5.0 \%$ | $5.0 \%$ | $2.9 \%$ |
| Free Cash Flow | 942 | 3,990 | 2,595 | 4,248 | $(244)$ | $(51)$ | 119 | 1,816 | 4,934 | 935 |
| Income Tax | 579 | 1,822 | 2,473 | 1,844 | 1,654 | 1,764 | 547 | $(1,693)$ | 1,572 | 801 |

Balance Sheet Metrics

| Year | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 8}$ | $\mathbf{2 0 1 9}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total Assets | 44,955 | 43,211 | 48,073 | $\mathbf{4 9 , 7 9 8}$ | 48,692 | 48,580 | 51,653 | 54,371 | 54,302 | 58,720 |
| Cash \& Equivalents | - | - | 3,474 | 5,400 | 5,207 | 3,074 | 2,711 | 3,119 | 3,019 | 1,614 |
| Acc. Receivable | 8,364 | 10,025 | 10,403 | 9,632 | 7,255 | 5,173 | 6,397 | 7,506 | 6,173 | 8,510 |
| Inventories | 4,113 | 3,466 | 3,430 | 3,354 | 3,397 | 3,477 | 3,150 | 3,395 | 3,543 | 3,776 |
| Goodwill \& Int. | 4,410 | 4,064 | 4,068 | 3,794 | 4,174 | 4,181 | 4,158 | 4,146 | 4,139 | 4,139 |
| Total Liabilities | 18,929 | 19,918 | 27,267 | 27,406 | 26,655 | 24,642 | 27,928 | 26,943 | 27,149 | 31,551 |
| Accounts Payable | 9,814 | 10,792 | 10,710 | 11,090 | 8,064 | 5,655 | 7,061 | 8,027 | 6,586 | 8,575 |
| Long-Term Debt | 417 | 391 | 6,974 | 6,155 | 8,635 | 8,887 | 10,138 | 10,110 | 11,160 | 11,763 |
| Total Equity | 26,001 | 23,264 | 20,775 | 21,950 | 21,590 | 23,100 | 22,390 | 25,085 | 24,653 | 24,910 |
| D/E Ratio | 0.02 | 0.02 | 0.34 | 0.28 | 0.40 | 0.38 | 0.45 | 0.40 | 0.45 | 0.47 |

## Profitability \& Per Share Metrics

| Year | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 8}$ | $\mathbf{2 0 1 9}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Return on Assets | $\mathbf{1 . 7 \%}$ | $10.8 \%$ | $9.0 \%$ | $7.6 \%$ | $9.7 \%$ | $8.7 \%$ | $3.1 \%$ | $9.6 \%$ | $10.3 \%$ | $5.4 \%$ |
| Return on Equity | $2.8 \%$ | $19.4 \%$ | $18.7 \%$ | $17.4 \%$ | $21.9 \%$ | $18.9 \%$ | $6.8 \%$ | $21.5 \%$ | $22.5 \%$ | $12.4 \%$ |
| ROIC | $2.7 \%$ | $19.1 \%$ | $16.0 \%$ | $13.2 \%$ | $16.1 \%$ | $13.3 \%$ | $4.7 \%$ | $14.3 \%$ | $14.8 \%$ | $8.0 \%$ |
| Shares Out. | --- | --- | 637 | 619 | 571 | 547 | 530 | 519 | 464 | 441 |
| Revenue/Share | 229.00 | 306.14 | 281.56 | 277.22 | 282.08 | 180.95 | 159.00 | 197.40 | 235.13 | 236.39 |
| FCF/Share | 1.47 | 6.23 | 4.08 | 6.86 | $(0.43)$ | $(0.09)$ | 0.22 | 3.50 | 10.41 | 2.06 |

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

## Disclaimer

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[^0]:    ${ }^{1}$ Estimated date.
    ${ }^{2}$ In millions.
    Disclosure: This analyst has no position in the security discussed in this research report, and no plans to initiate one in the next 72 hours.

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