## Phillips 66 (PSX)

Updated October 29th, 2018 by Aristofanis Papadatos
Key Metrics

| Current Price: | $\$ 99$ | 5 Year CAGR Estimate: | $10.6 \%$ | Volatility Percentile: | $55.8 \%$ |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Fair Value Price: | $\$ 118$ | 5 Year Growth Estimate: | $4.0 \%$ | Momentum Percentile: | $75.3 \%$ |
| \% Fair Value: | $84 \%$ | 5 Year Valuation Multiple Estimate: | $3.5 \%$ | Growth Percentile: | 20.1\% |
| Dividend Yield: | $3.1 \%$ | 5 Year Price Target | Retirement Suitability Score: | C | Total Return Percentile: $56.0 \%$ |
| Dividend Risk Score: | C | Caluation Percentile: | $74.7 \%$ |  |  |

## Overview \& Current Events

Phillips 66 was spun off from ConocoPhillips in 2012. Phillips 66 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 price of oil began to collapse in 2014, the refining segment became by far the most profitable segment, as low oil prices improved the demand for oil products and thus boosted refining margins.
Phillips 66 reported its financial results for the third quarter of fiscal 2018 last week. The company exceeded the analysts' earnings-per-share estimates by $33 \%$ ( $\$ 3.18$ vs. $\$ 2.40$ ), mostly thanks to high realized refining margins in the Central Corridor, where the refineries enjoyed a strong tailwind from the large spread between WTI and WCS. It is remarkable that the company ran its refineries in the region at a $108 \%$ utilization rate.

## Growth on a Per-Share Basis

| Year | $\mathbf{2 0 0 8}$ | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 7}$ | $\mathbf{2 0 1 8}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| EPS | N/A | N/A | N/A | N/A | $\$ 6.48$ | $\$ 5.92$ | $\$ 7.10$ | $\$ 7.73$ | $\$ 2.92$ | $\$ 4.58$ | $\mathbf{\$ 8 . 3 5}$ |
| DPS | N/A | N/A | N/A | N/A | $\$ 0.45$ | $\$ 1.33$ | $\$ 1.89$ | $\$ 2.18$ | $\$ 2.45$ | $\$ 2.73$ | $\$ 3.10$ |
| Shares | N/A | N/A | N/A | N/A | 636.76 | 618.99 | 571.50 | 546.98 | 530.07 | 518.51 | $\mathbf{5 1 5}$ |

As Phillips 66 smashed the analysts' estimates in Q3, we have raised our earnings-per-share estimate for this year from $\$ 7.02$ to $\$ 8.35$. Growth projects in the oil industry tend to take many years to start bearing fruit, 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.
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, refiners will enjoy a boost in their margins. The U.S. government was rumored to be attempting a postponement in the implementation of the new rules for the U.S. and thus caused a sell-off of all the domestic refiners.
The oil market has tightened this year thanks to the efforts of OPEC and Russia and supply disruptions in Iran, Libya and Venezuela. Consequently, the oil price has rallied to an almost 4-year high. As high oil prices exert pressure on the demand for refined products, they negatively affect refining margins.
Nevertheless, as 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, it is reasonable to expect at least $4.0 \%$ annual earnings-per-share growth over the next five years. We have lowered our assumed long-term growth rate from $6 \%$ to $4 \%$ due to the exceptional results of this year, which will constitute a high base for the upcoming years.

Valuation Analysis

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

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.

## Phillips 66 (PSX)

## Updated October 29th, 2018 by Aristofanis Papadatos

In our last research report, in July, we mentioned that the rally of Phillips 66 had rendered the stock overvalued. Indeed the stock has lost $17 \%$ since then. Moreover, Buffett, who is well-known for its value-oriented mindset, slashed his stake in Phillips 66 by $36 \%$ in Q3, from $7.5 \%$ to $4.8 \%$. Berkshire Hathaway has reduced its stake in the stock in every quarter this year. Nevertheless, thanks to its recent correction, Phillips 66 has become more reasonably valued and is now trading at a P/E ratio of 11.9, which is lower than its 10-year average of 14.1. If the stock reverts to its average valuation level within the next five years, it will enjoy a $3.5 \%$ annualized gain thanks to $P / E$ expansion.

Safety, Quality, Competitive Advantage, \& Recession Resiliency

| Year | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2023 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| GP/A | ---- | ---- | ---- | ---- | 44.0\% | 38.7\% | 44.0\% | 43.8\% | 33.9\% | 33.6\% | 32.0\% | 30.0\% |
| Debt/A | ---- | ---- | ---- | ---- | 56.7\% | 55.0\% | 54.7\% | 50.7\% | 54.1\% | 49.6\% | 54.0\% | 55.0\% |
| Int. Cov. | ---- | ---- | ---- | ---- | 27.7 | 21.0 | 22.5 | 22.5 | 7.9 | 9.8 | 10.0 | 11.0 |
| Payout | ---- | ---- | ---- | ---- | 6.9\% | 22.5\% | 26.6\% | 28.2\% | 83.9\% | 59.6\% | 37.1\% | 41.3\% |
| Std. Dev. |  | ---- | ---- | ---- | 21.6\% | 29.3\% | 20.1\% | 26.0\% | 18.9\% | 15.2\% | 15.0\% | 17.0\% |

In the recent downturn of the oil sector, low oil prices resulted in high refining margins thanks to the 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. Even worse, whenever the next recession shows up, U.S. refiners will not be protected by the ban on oil exports, which pressured domestic oil prices in the last recession. Therefore, 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 almost any scenario of oil prices. Thanks to its recent correction, the stock can now offer a $10.6 \%$ average annual return over the next five years, in the absence of a recession. It thus earns a buy rating, though investors may be better suited to wait for an even lower entry point.

## Total Return Breakdown by Year



Click here to rate and review this research report. Your feedback is important to us.

Phillips 66 (PSX)

Updated October 29th, 2018 by Aristofanis Papadatos Income Statement Metrics

| Year | 2008 | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 7}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Revenue (\$B) | N/A | 112.86 | 146.56 | 195.93 | 179.29 | 171.60 | 161.21 | 98.98 | 84.28 | 102.35 |
| Gross Profit | N/A | 15606 | 21469 | 23163 | 24877 | 23351 | 25464 | 25576 | 21811 | 22945 |
| Gross Margin | N/A | $13.8 \%$ | $14.6 \%$ | $11.8 \%$ | $13.9 \%$ | $13.6 \%$ | $15.8 \%$ | $25.8 \%$ | $25.9 \%$ | $22.4 \%$ |
| SG\&A Exp. | N/A | 1314 | 1384 | 1394 | 1703 | 1478 | 1663 | 1670 | 1638 | 1695 |
| D\&A Exp. | N/A | 879 | 880 | 902 | 906 | 947 | 995 | 1078 | 1168 | 1318 |
| Operating Profit | N/A | -231 | 1078 | 2521 | 4612 | 2666 | 3430 | 4548 | 1098 | 1838 |
| Operating Margin | N/A | $-0.2 \%$ | $0.7 \%$ | $1.3 \%$ | $2.6 \%$ | $1.6 \%$ | $2.1 \%$ | $4.6 \%$ | $1.3 \%$ | $1.8 \%$ |
| Net Profit | N/A | 476 | 735 | 4775 | 4124 | 3726 | 4762 | 4227 | 1555 | 5106 |
| Net Margin | N/A | $0.4 \%$ | $0.5 \%$ | $2.4 \%$ | $2.3 \%$ | $2.2 \%$ | $3.0 \%$ | $4.3 \%$ | $1.8 \%$ | $5.0 \%$ |
| Free Cash Flow | N/A | -1515 | 942 | 3990 | 2595 | 4248 | -244 | -51 | 119 | 1816 |
| Income Tax | N/A | 368 | 579 | 1822 | 2473 | 1844 | 1654 | 1764 | 547 | -1693 |

Balance Sheet Metrics

| Year | 2008 | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ | 2017 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total Assets | N/A | 42880 | 44955 | 43211 | 48073 | 49798 | 48692 | 48580 | 51653 | 54371 |
| Cash \& Equivalents | N/A | N/A | N/A | N/A | 3474 | 5400 | 5207 | 3074 | 2711 | 3119 |
| Accounts Receivable | N/A | 6842 | 8364 | 8354 | 8593 | 7900 | 6306 | 4411 | 5485 | 6424 |
| Inventories | N/A | 3842 | 4113 | 3466 | 3430 | 3354 | 3397 | 3477 | 3150 | 3395 |
| Goodwill \& Int. Ass. | N/A | 4426 | 4410 | 4064 | 4068 | 3794 | 4174 | 4181 | 4158 | 4146 |
| Total Liabilities | N/A | 15940 | 18929 | 19918 | 27267 | 27406 | 26655 | 24642 | 27928 | 26943 |
| Accounts Payable | N/A | 7715 | 9814 | 10007 | 9731 | 9948 | 7488 | 5155 | 6395 | 7242 |
| Long-Term Debt | N/A | 428 | 417 | 391 | 6974 | 6155 | 8635 | 8887 | 10138 | 10110 |
| Shareholder's Equity | N/A | 26917 | 26001 | 23264 | 20775 | 21950 | 21590 | 23100 | 22390 | 25085 |
| D/E Ratio | N/A | 0.02 | 0.02 | 0.02 | 0.34 | 0.28 | 0.40 | 0.38 | 0.45 | 0.40 |

Profitability \& Per Share Metrics

| Year | $\mathbf{2 0 0 8}$ | $\mathbf{2 0 0 9}$ | $\mathbf{2 0 1 0}$ | $\mathbf{2 0 1 1}$ | $\mathbf{2 0 1 2}$ | $\mathbf{2 0 1 3}$ | $\mathbf{2 0 1 4}$ | $\mathbf{2 0 1 5}$ | $\mathbf{2 0 1 6}$ | $\mathbf{2 0 1 7}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Return on Assets | N/A | N/A | $1.7 \%$ | $10.8 \%$ | $9.0 \%$ | $7.6 \%$ | $9.7 \%$ | $8.7 \%$ | $3.1 \%$ | $9.6 \%$ |
| Return on Equity | N/A | N/A | $2.8 \%$ | $19.4 \%$ | $18.7 \%$ | $17.4 \%$ | $21.9 \%$ | $18.9 \%$ | $6.8 \%$ | $21.5 \%$ |
| ROIC | N/A | N/A | $2.7 \%$ | $19.1 \%$ | $16.0 \%$ | $13.2 \%$ | $16.1 \%$ | $13.3 \%$ | $4.7 \%$ | $14.3 \%$ |
| Shares Out. | N/A | N/A | N/A | N/A | 636.76 | 618.99 | 571.50 | 546.98 | 530.07 | 518.51 |
| Revenue/Share | N/A | 176.34 | 229.00 | 306.14 | 281.56 | 277.22 | 282.08 | 180.95 | 159.00 | 197.40 |
| FCF/Share | N/A | -2.37 | 1.47 | 6.23 | 4.08 | 6.86 | -0.43 | -0.09 | 0.22 | 3.50 |

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

## Disclaimer

[^0]
[^0]:    
    
    
     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.

