

STOCK PICKS AND PANS

7/30/20

Refuel Your Portfolio with This Leading Operator

After seeing the S&P 500 rise 44% from its March lows, investors should book gains from recent winners and redeploy them in stocks that did not participate in the melt-up. This operator, which processes, transports, stores, and markets petroleum products, fits the bill. Phillips 66 (PSX: \$64/share) is this week's Long Idea.

Profits Were Rising Before the Dip

From 2016 to 2019, Phillips 66 grew revenue by 8% compounded annually and core earnings by 31% compounded annually, per Figure 1. The firm increased its core earnings margin from 1.9% to 3.2% over the same time.

As expected, trailing-twelve-month (TTM) core earnings declined as the COVID-19 pandemic shuttered economies across the globe. We expect core earnings may get worse before they get better. However, our thesis does not depend on profit growth, as we'll explain in the valuation section of this report.



Figure 1: Core Earnings & Revenue Growth Since 2016

Sources: New Constructs, LLC and company filings.

The current downward profit trend is temporary, not permanent, and masks Phillips 66's long-term ability to generate significant free cash flow (FCF). The company generated positive FCF in each of the past 8 years and \$10.7 billion (38% of market cap) in FCF over the past five years. Phillips 66's \$3.1 billion in free cash flow over the TTM period equates to a 6% FCF yield.

Executive and Shareholder Interests Are Aligned

Investors should never assume that a company's management has shareholders' interests in mind. Quality corporate governance holds executives accountable to shareholders by incentivizing prudent capital allocation. By evaluating executive compensation plans, investors can find companies, such as Phillips 66, that directly align executives' interests with shareholders' interests.

Phillips 66's long-term incentive programs, in addition to awarding executives with stock options and restricted stock units (RSUs), include a Performance Share Program (PSP). 25% of the PSP is tied to the firm's absolute Return on Capital Employed (ROCE), and 25% is tied to relative ROCE performance to peers. ROCE is similar

¹ Our core earnings are a superior measure of profits, as demonstrated in Core Earnings: New Data & Evidence a paper by professors at Harvard Business School (HBS) & MIT Sloan. The paper empirically shows that our data is superior to "Operating Income After Depreciation" and "Income Before Special Items" from Compustat, owned by S&P Global (SPGI).



to our calculation of return on invested capital (ROIC). The other half of the PSP is tied to total shareholder return.

The executive compensation program also awards annual incentives based on Adjusted EBITDA, safety, environmental, and asset availability goals, Adjusted Controllable Costs, and the effectiveness of the firm's talent management programs.

In total, ~20% of all executive compensation is tied to ROCE. There is a strong correlation between improving ROIC and increasing shareholder value and Phillips 66's inclusion of a similar metric (ROCE) places its executive compensation plan above many others in the market that fail to properly align executives' interests. Phillips 66's focus on prudent capital allocation helped the firm grow economic earnings from -\$97 million in 2015 to \$2.1 billion in 2019.

Ample Liquidity to Survive the Downturn

While the COVID-19 pandemic has disrupted Phillips 66's operations in the short term, the firm's available liquidity positions it to weather the downturn. The firm's cash balance on March 31 was \$1.2 billion with ~\$5.7 billion of revolving credit facilities. In April, the firm paid down \$525 million of maturing debt, issued \$1 billion of senior notes, and secured \$1 billion of incremental term-loan capacity, which is undrawn. Combined, Phillips 66 has nearly \$8.4 billion of available liquidity.

To illustrate the firm's strong cash position, we review a worst-case scenario, where Phillips 66 generates no revenue and the firm maintains 1Q20-level SG&A expenses (\$106 million per month) and interest expense (\$37 million per month). In addition to these expenses, we also assume the firm maintains capex spending consistent with a target of \$3.1 billion in 2020 (including \$900 million in 1Q20), which equates to monthly capex of ~\$244 million. With total monthly costs of ~\$388 million, Phillips 66 has enough liquidity to operate for 21+ months before needing additional capital.

However, it's highly unlikely that Phillips 66's revenue would go to zero for any meaningful amount of time, if ever, given the diversity of its revenue streams and the fact that the energy industry is deemed critical infrastructure by the Department of Homeland Security's Cybersecurity and Infrastructure Security Agency. The firm noted in April that all of its refineries, midstream assets, and lubricants remained operational. Furthermore, while the demand for gasoline, diesel fuel, and even jet fuel is depressed in the short to midterm, it will not go to zero, as cars, trucks, and planes are still operating.

Superior Profitability Helps Grow Market Share During the Crisis and in the Recovery

COVID-driven disruptions to the energy industry have already driven financially weaker operators out of <u>business</u>. Phillips 66's profitability was superior to its competitors before the crisis, and the firm is well-positioned to return to profit growth when the economy recovers.

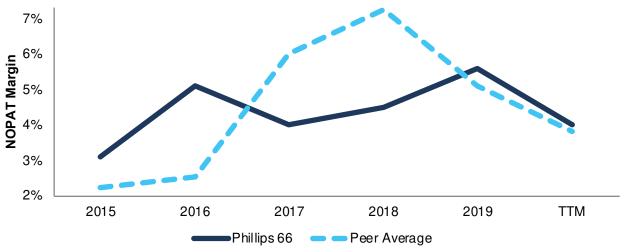
Per Figure 2, Phillips 66's net operating profit after-tax (NOPAT) margin improved from 3% in 2015 to 4% TTM. Over the same time, the market-cap-weighted average of Phillips 66's peer group improved from 2% to 4%. This peer group consists of 17 integrated oil companies, marketers, and independent refiners including Exxon Mobil Corp (XOM), Chevron Corporation (CVX), BP, PLC (BP), Suncor Energy Inc (SU), Marathon Petroleum Corp (MPC), and Valero Energy Corp (VLO) among others₂.

² Peers in this analysis include Exxon Mobil Corp (XOM), Chevron Corporation (CVX), BP, PLC (BP), China Petroleum & Chemical Corporation (SNP), Suncor Energy Inc (SU), Marathon Petroleum Corp (MPC), Valero Energy Corp (VLO), Hess Corporation (HES), Imperial Oil Ltd (IMO), Hollyfrontier Corp (HFC), Cosan Ltd (CZZ), Murphy Usa, Inc. (MUSA), CVR Energy, Inc. (CVI), World Fuel Services Corp (INT), Delek US Holdings, Inc. (DK), PBF Energy Inc. (PBF), and Clean Energy Fuels Corp (CLNE)



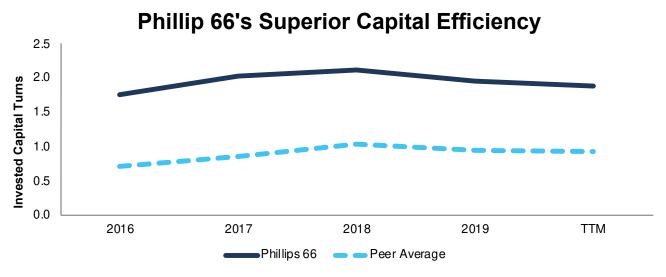
Figure 2: NOPAT Margin vs. Peers





Phillips 66's <u>invested capital turns</u>, a measure of balance sheet efficiency, improved from 1.8 in 2016 to 1.9 TTM, per Figure 3. The peer group's market-cap-weighted average invested capital turns are much lower and increased from 0.7 to 0.9 over the same time.

Figure 3: Invested Capital Turns vs. Peers

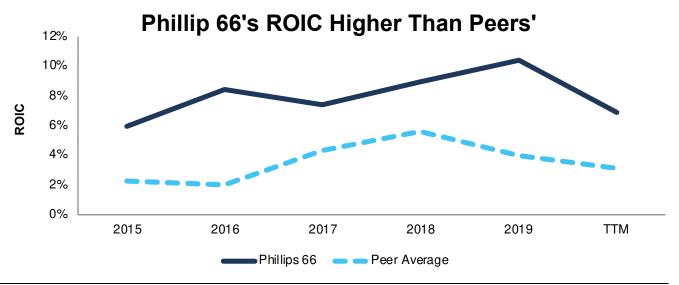


Sources: New Constructs, LLC and company filings.

Phillips 66's high margins and superior invested capital turns help drive the firm's rising return on invested capital (ROIC). Per Figure 4, Phillips 66's ROIC improved from 6% in 2015 to 10% in 2019, before falling to 7% TTM while the market-cap-weighted average of peers' ROIC slightly improved from 2% in 2015 to 3% TTM.



Figure 4: ROIC vs. Peers



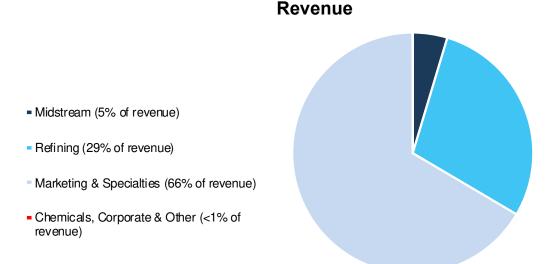
Unless you believe that there will be no need for petroleum products in a post-COVID-19 world, it's hard to argue against Phillips 66's ability to survive. And, if it survives, it's hard to argue against the firm's superior profitability before the crisis translating into profits in a recovery.

Phillips 66 is More Than a Refinery

In our previous Long Idea on HollyFrontier (HFC), we highlighted the benefits of being a refinery middleman, which include insulation from prolonged pricing fluctuations that exploration and production companies face. Phillips 66 enjoys the same middleman advantage, plus it operates in several businesses outside of pure refining. Per Figure 5, Phillips 66's marketing and specialties segment accounts for 66% of the firm's total revenue.

Marketing & Specialties Account for 2/3's of Total

Figure 5: 2019 Revenue by Segment



Sources: New Constructs, LLC and company filings.



Taking Advantage of a Diversified Approach

Unlike an integrated oil company, Phillips 66's refining business does not make large capital investment bets on exploration and production of crude oil. Instead, the firm's extensive pipeline network allows it to source its raw material from a variety of sources and enjoy more stable margins. The firm owns or leases over 21,000 miles (~7.5 times the distance from New York City to Los Angeles) of pipeline systems. This pipeline network allows Phillips 66 to purchase crude oil from the most advantageously-priced markets across the U.S., Canada, South and Central America, Europe, and the Middle East and Africa.

The firm's Marketing and Specialties segment, which buys and resells refined petroleum products, further diversifies its revenue and operates through two channels – wholesale and retail. Wholesale marketing is geared towards distributing refined products to markets that do not require an extensive transportation network, i.e. they're close to existing refineries. In regions not as close to refineries, the firm utilizes its extensive network of over 7,500 branded (Phillips 66, Conoco, and 76) outlets across the U.S to resell these products.

As a diversified business, Phillips 66 is less volatile than a pure refiner. For example, in 1Q20, while the refinery segment was losing money, the marketing and specialties segment offset some of the refining losses by taking advantage of higher margins caused by the decline in oil prices.

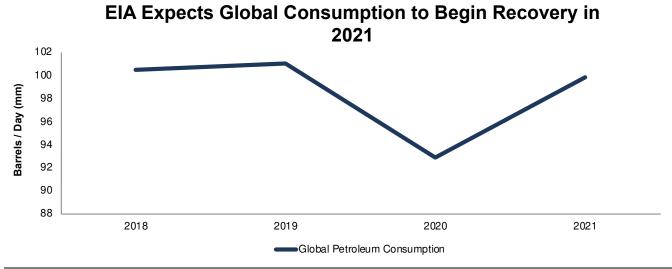
Joint Ventures Provide Additional Sources of Profit

The firm's exposure to other business segments extends beyond what its revenue streams reveal. Phillips 66 has a 50% stake in DCP Midstream Partners (DCP), a company engaged in logistics, gathering, and marketing natural gas and natural gas liquids (NGLs). It also is heavily invested in chemicals. The firm owns 50% of Chevron Phillips Chemical Company LLC (CPChem), a joint venture with Chevron. The firm also owns 50% of WRB Refining LP (WRB), a joint venture that owns two refineries. Combined, these equity affiliates have contributed \$6.1 billion to the firm's bottom line, or 33% of its three-year non-operating profit before tax (NOPBT). CPChem alone contributed \$2.2 billion over the past three years, or 12% of the firm's three-year NOPBT.

Demand for Oil Will Return

There is no denying that COVID-19 disruptions hurt global oil demand. The International Energy Agency (IEA) expects global petroleum consumption to drop from 101 million barrels per day (bpd) to 93 million bpd, an 8% year-over-year (YoY) decline. The IEA also forecasts demand to recover 8% to 100 bpd in 2021. This expectation means that after a year of COVID-related decline, oil will recover to within 1% of pre-COVID levels.

Figure 6: EIA Global Petroleum and Other Liquids Consumption in Barrels per Day (Millions)



Sources: New Constructs, LLC and EIA.

Best of all, we're already seeing signs of a recovery. Last year, the U.S. consumed over 20 million bpd on average. Demand in June was ~18 million bpd, which was up from ~15 bpd in April. In other words, consumption in June was just 14% below 2019's average.



Refining Operations Will Grow in the Midst of EV Headwinds

Longer term, demand for electric vehicles (EV) pose a threat to future refining cash flows, but perhaps not as much as expected. In March of 2019, 1.8% of all vehicles in the U.S. were EVs. The Edison Electric Institute expects EVs will be just ~7% of all vehicles on U.S. roads in 2030. This rise in EV demand is reflected in the IEA's expectation for a decline in U.S. gasoline demand over the 2020-2025 period.

While gasoline demand in the U.S. may decline, global demand for petroleum products will rise. The <u>reference</u> <u>case</u> for U.S. refineries expects U.S. exports liquid fuels will not peak until the early 2030s. This export growth is supported by the <u>International Maritime Organization's</u> regulations starting in 2020 to reduce sulfur in fuel oil that ships use. Many international refineries lack the capability to process fuel that meets the new requirements. Phillips 66 is <u>investing to expand</u> its exporting capabilities to take advantage of increased global demand.

Phillips 66 has already been shifting away from gasoline sales. The firm's Marketing and Specialties gasoline sales have declined by 1% compounded annually over the past two years, while the firm's distillates (jet fuel, heating kerosene, diesel, and lower-sulfur fuel fuels) sales have improved by 9% compounded annually over the same time. The focus on distillates drove a 7% compounded annual growth in total refined petroleum product sales from 2017 to 2019.

Prudently Investing for the Future

As noted earlier, Phillips 66's executives' compensation is strongly tied to the firm's efficient use of capital. The firm <u>recently introduced</u> its AdvantEdge66 plan aimed at creating value through technology, innovation, and value chain optimization.

Phillips 66 is focused on implementing new technology to better integrate information and communication flow between its separate business segments to remove operational inefficiencies. Phillips 66 has also recently completed several investments aimed at improving margins. The firm completed an upgrade of two refineries that will enable them to produce much higher margin low sulfur fuel oil. The firm also recently completed a project at its Lake Charles' refinery, increasing its higher-octane gasoline blend components by 25,000 bpd. Additionally, Phillips 66 increased its distillate production after upgrades to several of its refineries.

Phillips 66 is also growing and investing in its retail business. Last year, it entered into a joint venture which will add 680 (9% of its current 7,520 branded sites) additional sites on the West Coast to further increase the firm's exposure to retail margins.

Since 2015, the firm has remodeled 4,200 U.S. retail locations. Last year alone, the firm remodeled 1,600 locations. In 2019, remodeled locations saw a 3.5% increase in volume compared to locations that were not remodeled. Improving the customer experience helps build greater brand loyalty, with the added benefit of increased revenues at remodeled stores.

The fact that the firm generated \$10.7 billion in free cash flow since 2015 while also engaging in all of these capital improvement projects speaks to the firm's uniquely high level of profitability in the past. This past profitability positions the firm to earn high returns on these investments and grow profitability in the future.

PSX Is Undervalued

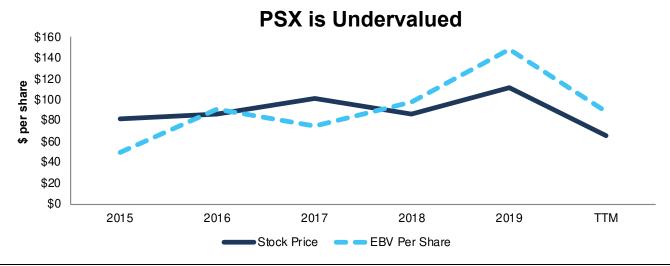
After falling 41% year-to-date (YTD) to \$64/share, PSX now trades below its economic book value₃ (EBV), or nogrowth value. Its current price-to-economic book value (PEBV) ratio of 0.7 is the cheapest since 2012. This ratio means the market expects Phillip 66's NOPAT to permanently decline by 30%. This expectation seems overly pessimistic over the long term. For reference, Phillip 66 has grown NOPAT by 12% compounded annually over the past three years.

Phillip 66's current economic book value is \$88/share – a 38% upside.

³We utilized the override capability in our Company Valuation Model to calculate PSX' TTM EBV using the firm's nine-year average weighted average cost of capital (WACC) to derive an EBV that is less sensitive to any changes in WACC. This approach is especially useful in the current low interest rate environment. While we do not know where interest rates will go in the future, calculating EBV with longer-term average WACC gives a more conservative EBV in the event interest rates increase in the future.



Figure 7: Stock Price vs. Economic Book Value (EBV) per Share With 9-Year Average WACC



PSX's Current Price Implies No Economic Recovery

Phillips 66 is priced as if the COVID-driven economic decline will permanently depress its profits. Below, we use our reverse DCF model to quantify the cash flow expectations baked into Phillips 66's current stock price. Then, we analyze the implied value of the stock based on different assumptions about COVID-19's impact on the economy and Phillips 66's future growth in cash flows.

Scenario 1: Using historical revenue declines, historical margins, and average historical GDP growth rates, we can model the worst-case scenario already implied by Phillips 66's current stock price. In this scenario, we assume:

- NOPAT margins fall to -0.3% (all-time low in 2014, compared to 4% TTM) in 2020, increase to 3% (nine-year average) in 2021 and 2022, and increase to 4% (five-year average) each year thereafter
- Revenue falls 33% (more than IBIS World's estimated Petroleum Refining industry decline of 22% in 2020) in 2020 and does not grow from 2021 to 2022 (vs. 2021 consensus +21%)
- Sales begin growing again in 2023, but only at 3% a year, which is below the average global GDP growth rate since 1961 of 3.5%

In this scenario, where Phillips 66's NOPAT declines 4% compounded annually over the next eleven years (including a drop to -\$230 million 2020), the stock is worth \$34/share today – equal to the current stock price. See the math behind this reverse DCF scenario.

For reference, when Phillips 66 faced challenging commodity prices in 2014, the firm's NOPAT fell to -\$467 million before exceeding 2013 levels just two years later.

Figure 8 compares the firm's implied future NOPAT in this scenario to its historical NOPAT. This worst-case scenario implies Phillips 66's NOPAT eleven years from now will be 34% below its 2019 NOPAT. In other words, this scenario implies that a decade after the COVID-19 pandemic, Phillips 66's profits will have only recovered to 1% below 2013 NOPAT levels. Phillips 66 also surpassed this profit level in 2011, 2012, 2016, 2018, and 2019. In any scenario better than this one, PSX holds significant upside potential, as we'll show below.



Current Share Price Means Profits Never Reach 2013 Levels \$7,000 \$6,000 \$5,000 VOPAT (\$mm) \$4,000 \$3,000 \$2,000 **Implied Share Price = \$64** Implied future NOPAT \$1,000 \$0 (\$1,000)2012 2013 2014 2015 2016 2018 2011 2017 2019 2020 2030 2026 2025 2029 2021 Future NOPAT ····· Implied Profits Near 2013 level NOPAT

Figure 8: Current Valuation Implies Severe, Long-Term Decline in Profits: Scenario 1

Scenario 2: Long-term View Could Be Very Profitable

If we assume, as does the International Monetary Fund (IMF) and nearly every economist in the world, that the global economy rebounds and returns to growth starting in 2021, PSX is undervalued.

In this scenario, we assume:

- NOPAT margins fall to -0.3% (all-time low in 2014, compared to 4% TTM) in 2020 and increase to 4% (five-year average) each year thereafter
- Revenue falls 33% (more than IBIS World's estimated Petroleum Refining industry decline of 22% in 2020) in 2020 and grows 14% YoY in 2021 and 2022 (below 2021 and 2022 consensus +21%)
- Sales grow from 2023 and each year thereafter at 3% a year, which is below the average global GDP growth rate since 1961 of 3.5%

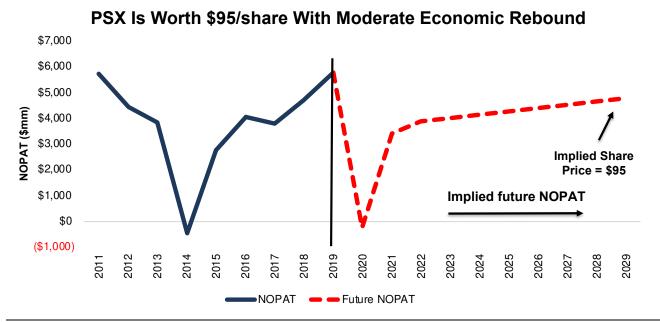
In this scenario, Phillips 66's NOPAT falls by 2% compounded annually over the next decade (including a drop to -\$230 million 2020) and the stock is worth \$95/share today – a 48% upside to the current price. See the math behind this reverse DCF scenario.

For comparison, Phillips 66 has grown NOPAT by 12% compounded annually over the past three years and from -\$467 million in 2014 to \$5.7 billion in 2019. It's not often investors get the opportunity to buy a growing company at such a discounted price.

Figure 9 compares the firm's implied future NOPAT in scenario 2 to its historical NOPAT. This scenario implies that a decade from now, Phillips 66's NOPAT will be 17% below NOPAT in 2019 and 16% below NOPAT in 2011. If profits return to these levels in less than 10 years, PSX has even more upside potential.



Figure 9: Implied Profits Assuming Moderate Recovery: Scenario 2



Sustainable Competitive Advantages Will Drive Shareholder Value Creation

Here's a summary of why we think the moat around Phillips 66's business will enable it to continue to generate higher NOPAT than the current market valuation implies. The following competitive advantages help Phillips 66 survive the downturn and return to growth as the economy rebounds:

- Strong balance sheet to survive the economic dip
- Large distillate production driving higher margins
- Higher profitability than peers
- Significant capital investment to drive higher revenues and margins going forward

What Noise Traders Miss with Phillips 66

These days, fewer investors focus on finding quality capital allocators with shareholder friendly corporate governance. Instead, due to the <u>proliferation of noise traders</u>, the focus is on short-term technical trading trends while high-quality fundamental research is overlooked. Here's a quick summary of what noise traders are missing:

- Diversified business segments reduce volatility
- Phillips 66's investments for increased exports
- Valuation implies midstream industry never recovers

Nearly 6% Dividend Yield Supported by Cash Flow

The firm has increased its dividend in each of the past eight years. From 2015 to 2019, the firm generated more in in free cash flow (\$10.7 billion) than it paid out in dividends (\$6.9 billion), or an average \$1.1 billion surplus each year. Over the TTM, the firm has generated \$3.1 billion in FCF while paying out \$1.6 billion in dividends. Its last guarterly dividend, when annualized, equals \$3.60/share and provides a 5.7% yield.

Firms with cash flows greater than dividend payments have a higher likelihood to maintain and grow dividends.

Historically, Phillips 66 has also returned capital to its shareholders through share repurchases. However, the firm stated in its 1Q20 conference call that it suspended share repurchases. Before suspending repurchases, Phillips 66 repurchased \$10.4 billion (37% of current market cap) over the past five years. The firm has \$2.5 billion remaining for future purchases under its current authorization. A return to repurchasing shares once the economy stabilizes, or even returns to growth, would provide additional yield for investors.



A Consensus Beat or Signs of Recovery Could Send Shares Higher

According to Zacks, consensus estimates at the end of January pegged Phillips 66's 2020 EPS at \$9.81/share. Jump forward to July 27 and consensus estimates for Phillips 66's 2020 EPS have fallen to \$1.83/share. 2021 estimates follow a similar trend. At the end of January, 2021 EPS consensus was \$10.13/share and has since fallen to \$5.71/share.

Though the COVID-19 pandemic has reduced demand for petroleum products, these lowered expectations provide a great opportunity for a strong company, such as Phillips 66, to beat consensus. Our current Earnings Distortion Score, which is a short-term indicator of the likelihood to beat or miss expectations, for Phillips 66 is "Beat." The lowered expectations moving forward make it much easier for the firm to beat earnings.

The firm beat EPS estimates in 11 of the past 12 quarters, and doing so again, in the midst of such market turmoil, could send shares higher.

Insider Trading and Short Interest Trends

Over the past twelve months, insiders have bought a total of 117 thousand shares and sold 165 thousand shares for a net effect of 48 thousand shares sold. These sales represent less than 1% of shares outstanding.

There are currently 5.6 million shares sold short, which equates to 1% of shares outstanding and under two days to cover. While short interest is up 21% from the prior month, overall, it remains low and shows that not many investors are willing to bet against this firm.

Critical Details Found in Financial Filings by Our Robo-Analyst Technology

As investors <u>focus more</u> on fundamental research, research automation technology is needed to analyze all the critical financial <u>details in financial filings</u> as shown in the Harvard Business School and MIT Sloan paper, "Core <u>Earnings: New Data and Evidence</u>".

Below are specifics on the adjustments we make based on Robo-Analyst findings in Phillips 66's 2019 10-K:

Income Statement: we made \$3.5 billion of adjustments, with a net effect of removing \$2.7 billion in non-operating expenses (3% of revenue). You can see all the adjustments made to Phillips 66's income statement here.

Balance Sheet: we made \$20.9 billion of adjustments to calculate invested capital with a net increase of \$6.4 billion. One of the largest adjustments was \$11.1 billion in <u>deferred tax assets</u>. This adjustment represented 23% of reported net assets. You can see all the adjustments made to Phillips 66's balance sheet <u>here</u>.

Valuation: we made \$24.2 billion of adjustments with a net effect of decreasing shareholder value by \$24.2 billion. There were no adjustments that increased shareholder value. Apart from total debt and deferred tax liabilities, one of the most notable adjustments to shareholder value was \$2.3 billion in minority interests. This adjustment represents 8% of Phillips 66's market cap. See all adjustments to Phillips 66's valuation here.

Attractive Funds That Hold PSX

The following funds receive our Attractive-or-better rating and allocate significantly to PSX:

- 1. Alta Quality Growth Fund (AQLGX) 3.1% allocation and Attractive rating
- 2. RNC Genter Dividend Income Fund (GDIIX) 3.0% allocation and Very Attractive rating
- 3. SPDR MFS Systematic Value Equity ETF (SYV) 2.6% allocation and Attractive rating
- 4. Eaton Vance Focused Value Opportunities Fund (EIFVX) 2.6% allocation and Attractive rating
- 5. Eaton Vance Tax-Managed Value Fund (ECTVX) 2.5% allocation and Attractive rating

This article originally published on July 29, 2020.

Disclosure: David Trainer, Kyle Guske II, and Matt Shuler receive no compensation to write about any specific stock, style, or theme.

Follow us on Twitter, Facebook, LinkedIn, and StockTwits for real-time alerts on all our research.



Footnotes adjustments matter. We are the ONLY source.

We provide ratings, models, reports & screeners on U.S. 3,000 stocks, 700 ETFs and 7,000 mutual funds.

HBS & MIT Sloan research reveals that:

- Markets are inefficiently assessing earnings because no one reads the footnotes.
- Corporate managers hide gains/losses in footnotes to manage earnings.
- Our technology brings the material footnotes data to market for the first time ever.

Combining human expertise with NLP/ML/AI technologies (featured by Harvard Business School), we shine a light in the dark corners (e.g. footnotes) of hundreds of thousands of financial filings to unearth critical details.

The HBS & MIT Sloan paper, <u>Core Earnings: New Data and Evidence</u>, shows how our superior data drives uniquely comprehensive and independent debt and equity research.

This paper compares our analytics on a mega cap company to other major providers. The Appendix details exactly how we stack up.

Learn more.

Quotes from HBS & MIT Sloan professors on our research:

Get better research:

"...the NC dataset provides a novel opportunity to study the properties of non-operating items disclosed in 10-Ks, and to examine the extent to which the market impounds their implications." – page 20

Pick better stocks:

"Trading strategies that exploit cross-sectional differences in firms' transitory earnings produce abnormal returns of 7-to-10% per year." – Abstract

Avoid losses from using other firms' data:

"...many of the income-statement-relevant quantitative disclosures collected by NC do not appear to be easily identifiable in Compustat..." – page 14

Build better models:

"Core Earnings [calculated using New Constructs' novel dataset] provides predictive power for various measures of one-year-ahead performance...that is incremental to their current-period counterparts." – page 4

Exploit market inefficiencies:

"These results ... suggest that the adjustments made by analysts and Compustat to better capture core earnings are incomplete. Moreover, the non-core items identified by NC produce a measure of core earnings that is incremental to alternative measures of operating performance in predicting an array of future income measures." – page 26

Fulfill fiduciary duties:

"An appropriate measure of accounting performance for purposes of forecasting future performance requires detailed analysis of all quantitative performance disclosures detailed in the annual report, including those reported only in the footnotes and in the MD&A." – page 33-34



DISCLOSURES

New Constructs®, LLC (together with any subsidiaries and/or affiliates, "New Constructs") is an independent organization with no management ties to the companies it covers. None of the members of New Constructs' management team or the management team of any New Constructs' affiliate holds a seat on the Board of Directors of any of the companies New Constructs covers. New Constructs does not perform any investment or merchant banking functions and does not operate a trading desk.

New Constructs' Stock Ownership Policy prevents any of its employees or managers from engaging in Insider Trading and restricts any trading whereby an employee may exploit inside information regarding our stock research. In addition, employees and managers of the company are bound by a code of ethics that restricts them from purchasing or selling a security that they know or should have known was under consideration for inclusion in a New Constructs report nor may they purchase or sell a security for the first 15 days after New Constructs issues a report on that security.

DISCLAIMERS

The information and opinions presented in this report are provided to you for information purposes only and are not to be used or considered as an offer or solicitation of an offer to buy or sell securities or other financial instruments. New Constructs has not taken any steps to ensure that the securities referred to in this report are suitable for any particular investor and nothing in this report constitutes investment, legal, accounting or tax advice. This report includes general information that does not take into account your individual circumstance, financial situation or needs, nor does it represent a personal recommendation to you. The investments or services contained or referred to in this report may not be suitable for you and it is recommended that you consult an independent investment advisor if you are in doubt about any such investments or investment services.

Information and opinions presented in this report have been obtained or derived from sources believed by New Constructs to be reliable, but New Constructs makes no representation as to their accuracy, authority, usefulness, reliability, timeliness or completeness. New Constructs accepts no liability for loss arising from the use of the information presented in this report, and New Constructs makes no warranty as to results that may be obtained from the information presented in this report. Past performance should not be taken as an indication or guarantee of future performance, and no representation or warranty, express or implied, is made regarding future performance. Information and opinions contained in this report reflect a judgment at its original date of publication by New Constructs and are subject to change without notice. New Constructs may have issued, and may in the future issue, other reports that are inconsistent with, and reach different conclusions from, the information presented in this report. Those reports reflect the different assumptions, views and analytical methods of the analysts who prepared them and New Constructs is under no obligation to insure that such other reports are brought to the attention of any recipient of this report.

New Constructs' reports are intended for distribution to its professional and institutional investor customers. Recipients who are not professionals or institutional investor customers of New Constructs should seek the advice of their independent financial advisor prior to making any investment decision or for any necessary explanation of its contents.

This report is not directed to, or intended for distribution to or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or jurisdiction where such distribution, publication, availability or use would be contrary to law or regulation or which would be subject New Constructs to any registration or licensing requirement within such jurisdiction.

This report may provide the addresses of websites. Except to the extent to which the report refers to New Constructs own website material, New Constructs has not reviewed the linked site and takes no responsibility for the content therein. Such address or hyperlink (including addresses or hyperlinks to New Constructs own website material) is provided solely for your convenience and the information and content of the linked site do not in any way form part of this report. Accessing such websites or following such hyperlink through this report shall be at your own risk.

All material in this report is the property of, and under copyright, of New Constructs. None of the contents, nor any copy of it, may be altered in any way, copied, or distributed or transmitted to any other party without the prior express written consent of New Constructs. All trademarks, service marks and logos used in this report are trademarks or service marks or registered trademarks or service marks of New Constructs. Copyright New Constructs, LLC 2003 through the present date. All rights reserved.