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S&P 500 Oil & Gas Exploration & Production

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Figure 1.

S&P 500 OIL & GAS EXPLORATION & PRODUCTION STOCK PRICE INDEX*
(APA COG COP CXO DVN EOG FANG HES MRO NBL NFX PXD XEC)

* 200-day moving average.
* Ratio scale.
Source: Standard & Poor's and Haver Analytics.

Figure 2.

S&P 500 OIL & GAS EXPLORATION & PRODUCTION INDEX, FORWARD EARNINGS, & VALUATION

Oil & Gas Exploration & Production Index
09/20/19

Blue Angels Implied Price Index*
09/12/19

Implied price capped at $60 because forward earnings was very low or negative.

* Implied price index calculated using forward earnings times forward P/Es.
Source: Standard & Poor’s and I/B/E/S data by Refinitiv.
Forward Revenues & Earnings with Annual Squiggles

Figure 3.

S&P 500 OIL & GAS EXPLORATION & PRODUCTION REVENUES PER SHARE
(analysts’ average forecasts, ratio scale)

Consensus Forecasts
- Red: Annual estimates
- Blue: Forward revenues*

* Time-weighted average of consensus estimates for current year and next year. Monthly through December 2005, then weekly.
Source: I/B/E/S data by Refinitiv.

Figure 4.

S&P 500 OIL & GAS EXPLORATION & PRODUCTION OPERATING EARNINGS PER SHARE
(analysts’ average forecasts, ratio scale)

Consensus Forecasts
- Red: Annual estimates
- Blue: Forward earnings*

* Time-weighted average of consensus estimates for current year and next year. Monthly through December 2005, then weekly.
Source: I/B/E/S data by Refinitiv.
**Margins & NERI**

**Figure 7.**

S&P 500 OIL & GAS EXPLORATION & PRODUCTION PROJECTED PROFIT MARGIN
(Using analysts’ average earnings and revenues forecasts)

Consensus Forecasts
- Red: Annual estimates
- Blue: Forward profit margin* (14.1)

* Time-weighted average of the consensus estimates for current year and next year. Monthly through December 2005, weekly thereafter.
Source: I/B/E/S data by Refinitiv.

**Figure 8.**

S&P 500 OIL & GAS EXPLORATION & PRODUCTION NET EARNINGS REVISIONS*

* Three-month moving average of the number of forward earnings estimates up less number of estimates down, expressed as a percentage of the total number of forward earnings estimates.
Source: I/B/E/S data by Refinitiv.
**Figure 9.**

S&P 500 OIL & GAS EXPLORATION & PRODUCTION STRG, STEG, & LTEG

(percent)

LTEG* (17.1)
STEG* (13.2)
STRG* (4.4)

capped at -50% and 50%

* STEG is year-ahead forward consensus expected short-term earnings growth. STRG is year-ahead forward consensus expected short-term revenue growth. LTEG is five-year consensus expected long-term earnings growth.
Monthly data through 2005, weekly thereafter.
Source: I/B/E/S data by Refinitiv.

**Figure 10.**

S&P 500 OIL & GAS EXPLORATION & PRODUCTION VALUATION

Forward P/E* (15.7)

P/E capped at 60

Relative P/E** (0.9)
PEG Ratio*** (0.9)

Relative P/E and PEG capped at 2.0

* Price divided by 12-month forward consensus expected operating earnings per share.
** Sector or industry forward P/E relative to S&P 500 forward P/E.
*** Sector or industry forward P/E relative to sector or industry consensus 5-year LTEG forecast.
Source: I/B/E/S data by Refinitiv.
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