# LAMPIRAN

Lampiran 1. Data Harga Penutupan dan Return Saham Setiap Perusahaan

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Date | ADRO | | ANTM | | BUMI | | ESSA | | INCO | |
| Close | Return | Close | Return | Close | Return | Close | Return | Close | Return |
| 1/4/2016 | 494 |  | 296 |  | 50 |  | 153.665 |  | 1530 |  |
| 1/5/2016 | 499 | 0.0101 | 302 | 0.020 | 50 | 0.000 | 153.665 | 0.000 | 1545 | 0.010 |
| 1/6/2016 | 500 | 0.0020 | 300 | -0.007 | 50 | 0.000 | 153.665 | 0.000 | 1540 | -0.003 |
| 1/7/2016 | 485 | -0.030 | 294 | -0.020 | 50 | 0.000 | 153.665 | 0.000 | 1485 | -0.036 |
| 1/8/2016 | 493 | 0.0164 | 299 | 0.017 | 50 | 0.000 | 152.787 | -0.006 | 1505 | 0.013 |
| 1/11/2016 | 486 | -0.014 | 303 | 0.013 | 50 | 0.000 | 152.787 | 0.000 | 1455 | -0.034 |
| 1/12/2016 | 481 | -0.010 | 302 | -0.003 | 50 | 0.000 | 152.787 | 0.000 | 1435 | -0.014 |
| 1/13/2016 | 473 | -0.016 | 301 | -0.003 | 50 | 0.000 | 152.787 | 0.000 | 1430 | -0.003 |
| 1/14/2016 | 464 | -0.019 | 310 | 0.029 | 50 | 0.000 | 138.298 | -0.100 | 1420 | -0.007 |
| 1/15/2016 | 449 | -0.032 | 315 | 0.016 | 50 | 0.000 | 148.835 | 0.073 | 1435 | 0.011 |
| 1/18/2016 | 450 | 0.0022 | 314 | -0.003 | 50 | 0.000 | 149.274 | 0.003 | 1410 | -0.018 |
| 1/19/2016 | 461 | 0.0242 | 314 | 0.000 | 50 | 0.000 | 149.274 | 0.000 | 1440 | 0.021 |
| 1/20/2016 | 437 | -0.053 | 304 | -0.032 | 50 | 0.000 | 149.274 | 0.000 | 1415 | -0.018 |
| 1/21/2016 | 450 | 0.0293 | 304 | 0.000 | 50 | 0.000 | 144.884 | -0.030 | 1385 | -0.021 |
| 1/22/2016 | 515 | 0.1349 | 308 | 0.013 | 50 | 0.000 | 144.884 | 0.000 | 1410 | 0.018 |
| 1/25/2016 | 498 | -0.033 | 311 | 0.010 | 50 | 0.000 | 144.884 | 0.000 | 1445 | 0.025 |
| 1/26/2016 | 476 | -0.045 | 314 | 0.010 | 50 | 0.000 | 144.884 | 0.000 | 1375 | -0.050 |
| 1/27/2016 | 477 | 0.0021 | 325 | 0.034 | 50 | 0.000 | 144.884 | 0.000 | 1380 | 0.004 |
| 1/28/2016 | 520 | 0.0863 | 323 | -0.006 | 50 | 0.000 | 140.933 | -0.028 | 1385 | 0.004 |
| 1/29/2016 | 525 | 0.0096 | 329 | 0.018 | 50 | 0.000 | 131.713 | -0.068 | 1445 | 0.042 |
| 2/1/2016 | 515 | -0.019 | 332 | 0.009 | 50 | 0.000 | 131.713 | 0.000 | 1425 | -0.014 |
| 2/2/2016 | 555 | 0.0748 | 338 | 0.018 | 50 | 0.000 | 133.908 | 0.017 | 1405 | -0.014 |
| 2/3/2016 | 575 | 0.0354 | 342 | 0.012 | 50 | 0.000 | 133.908 | 0.000 | 1405 | 0.000 |
| 2/4/2016 | 620 | 0.0753 | 349 | 0.020 | 50 | 0.000 | 140.493 | 0.048 | 1435 | 0.021 |
| 2/5/2016 | 640 | 0.0317 | 342 | -0.020 | 50 | 0.000 | 140.493 | 0.000 | 1445 | 0.007 |
| 2/9/2016 | 590 | -0.081 | 344 | 0.006 | 50 | 0.000 | 136.103 | -0.032 | 1410 | -0.025 |
| 2/10/2016 | 575 | -0.025 | 344 | 0.000 | 50 | 0.000 | 136.103 | 0.000 | 1390 | -0.014 |
| 2/11/2016 | 605 | 0.0509 | 353 | 0.026 | 50 | 0.000 | 136.103 | 0.000 | 1380 | -0.007 |
| 2/12/2016 | 600 | -0.008 | 352 | -0.003 | 50 | 0.000 | 136.103 | 0.000 | 1380 | 0.000 |
| 2/15/2016 | 585 | -0.025 | 362 | 0.028 | 50 | 0.000 | 136.103 | 0.000 | 1405 | 0.018 |
| 2/16/2016 | 615 | 0.0500 | 363 | 0.003 | 50 | 0.000 | 136.103 | 0.000 | 1440 | 0.025 |
| 2/17/2016 | 620 | 0.0081 | 363 | 0.000 | 50 | 0.000 | 136.103 | 0.000 | 1430 | -0.007 |
| 2/18/2016 | 605 | -0.024 | 366 | 0.008 | 50 | 0.000 | 144.884 | 0.063 | 1535 | 0.071 |
| 2/19/2016 | 585 | -0.033 | 369 | 0.008 | 50 | 0.000 | 140.493 | -0.031 | 1505 | -0.020 |
| 2/22/2016 | 595 | 0.0169 | 369 | 0.000 | 50 | 0.000 | 131.713 | -0.065 | 1595 | 0.058 |
| 2/23/2016 | 595 | 0.0000 | 360 | -0.025 | 50 | 0.000 | 136.103 | 0.033 | 1525 | -0.045 |
| 2/24/2016 | 595 | 0.0000 | 365 | 0.014 | 50 | 0.000 | 136.103 | 0.000 | 1485 | -0.027 |
| Date | ADRO | | ANTM | | BUMI | | ESSA | | INCO | |
| Close | Return | Close | Return | Close | Return | Close | Return | Close | Return |
| 2/25/2016 | 570 | -0.042 | 372 | 0.019 | 50 | 0.000 | 136.103 | 0.000 | 1490 | 0.003 |
| 2/26/2016 | 600 | 0.0513 | 369 | -0.008 | 50 | 0.000 | 136.103 | 0.000 | 1570 | 0.052 |
| 2/29/2016 | 605 | 0.0083 | 364 | -0.014 | 50 | 0.000 | 136.103 | 0.000 | 1535 | -0.023 |
| 3/1/2016 | 670 | 0.1020 | 365 | 0.003 | 50 | 0.000 | 136.103 | 0.000 | 1605 | 0.045 |
| 3/2/2016 | 660 | -0.015 | 381 | 0.043 | 50 | 0.000 | 131.713 | -0.033 | 1615 | 0.006 |
| 3/3/2016 | 650 | -0.015 | 387 | 0.016 | 50 | 0.000 | 131.713 | 0.000 | 1660 | 0.027 |
| 3/4/2016 | 680 | 0.0451 | 403 | 0.041 | 50 | 0.000 | 136.103 | 0.033 | 1780 | 0.070 |
| 3/7/2016 | 745 | 0.0913 | 422 | 0.046 | 50 | 0.000 | 140.493 | 0.032 | 1940 | 0.086 |
| 3/8/2016 | 790 | 0.0586 | 424 | 0.005 | 50 | 0.000 | 136.103 | -0.032 | 1945 | 0.003 |
| 3/10/2016 | 770 | -0.025 | 424 | 0.000 | 50 | 0.000 | 136.103 | 0.000 | 1810 | -0.072 |
| 3/15/2016 | 700 | -0.095 | 453 | 0.066 | 50 | 0.000 | 136.103 | 0.000 | 1875 | 0.035 |
| 3/16/2016 | 730 | 0.0420 | 459 | 0.013 | 50 | 0.000 | 136.103 | 0.000 | 1835 | -0.022 |
| 3/17/2016 | 745 | 0.0203 | 461 | 0.004 | 50 | 0.000 | 136.103 | 0.000 | 1940 | 0.056 |
| 3/18/2016 | 680 | -0.091 | 474 | 0.028 | 50 | 0.000 | 136.103 | 0.000 | 1790 | -0.080 |
| 3/21/2016 | 705 | 0.0361 | 470 | -0.008 | 50 | 0.000 | 136.103 | 0.000 | 1840 | 0.028 |
| 3/22/2016 | 695 | -0.014 | 471 | 0.002 | 50 | 0.000 | 136.103 | 0.000 | 1850 | 0.005 |
| 3/23/2016 | 690 | -0.007 | 468 | -0.006 | 50 | 0.000 | 136.103 | 0.000 | 1840 | -0.005 |
| 3/24/2016 | 660 | -0.044 | 458 | -0.022 | 50 | 0.000 | 136.103 | 0.000 | 1795 | -0.025 |
| 3/28/2016 | 670 | 0.0150 | 459 | 0.002 | 50 | 0.000 | 136.103 | 0.000 | 1770 | -0.014 |
| 3/29/2016 | 650 | -0.030 | 456 | -0.007 | 50 | 0.000 | 136.103 | 0.000 | 1745 | -0.014 |
| 3/30/2016 | 665 | 0.0228 | 465 | 0.020 | 50 | 0.000 | 136.103 | 0.000 | 1770 | 0.014 |
| 3/31/2016 | 645 | -0.030 | 464 | -0.002 | 50 | 0.000 | 135.225 | -0.006 | 1750 | -0.011 |
| 4/1/2016 | 665 | 0.0305 | 461 | -0.006 | 50 | 0.000 | 133.908 | -0.010 | 1735 | -0.009 |
| 4/4/2016 | 680 | 0.0223 | 500 | 0.081 | 50 | 0.000 | 133.908 | 0.000 | 1815 | 0.045 |
| 4/5/2016 | 670 | -0.014 | 500 | 0.000 | 50 | 0.000 | 131.713 | -0.017 | 1790 | -0.014 |
| 4/6/2016 | 695 | 0.0366 | 520 | 0.039 | 50 | 0.000 | 131.713 | 0.000 | 1855 | 0.036 |
| 4/7/2016 | 690 | -0.007 | 625 | 0.184 | 50 | 0.000 | 131.713 | 0.000 | 1850 | -0.003 |
| 4/8/2016 | 705 | 0.0215 | 645 | 0.031 | 50 | 0.000 | 131.713 | 0.000 | 1835 | -0.008 |
| 4/12/2016 | 695 | -0.014 | 670 | 0.038 | 50 | 0.000 | 131.713 | 0.000 | 1800 | -0.019 |
| 4/19/2016 | 695 | 0.0000 | 670 | 0.000 | 50 | 0.000 | 131.713 | 0.000 | 1800 | 0.000 |
| 4/20/2016 | 720 | 0.0353 | 720 | 0.072 | 50 | 0.000 | 140.493 | 0.065 | 1900 | 0.054 |
| 4/21/2016 | 750 | 0.0408 | 720 | 0.000 | 50 | 0.000 | 134.347 | -0.045 | 1990 | 0.046 |
| 4/22/2016 | 745 | -0.006 | 715 | -0.007 | 50 | 0.000 | 134.347 | 0.000 | 1945 | -0.023 |
| 4/25/2016 | 750 | 0.0067 | 715 | 0.000 | 50 | 0.000 | 134.786 | 0.003 | 1900 | -0.023 |
| 4/26/2016 | 720 | -0.040 | 705 | -0.014 | 50 | 0.000 | 129.517 | -0.040 | 1890 | -0.005 |
| 4/27/2016 | 725 | 0.0069 | 700 | -0.007 | 50 | 0.000 | 131.713 | 0.017 | 1905 | 0.008 |
| 4/28/2016 | 735 | 0.0137 | 740 | 0.056 | 50 | 0.000 | 131.713 | 0.000 | 1885 | -0.011 |
| 4/29/2016 | 730 | -0.006 | 760 | 0.027 | 50 | 0.000 | 131.713 | 0.000 | 1860 | -0.013 |
| 5/2/2016 | 715 | -0.020 | 755 | -0.007 | 50 | 0.000 | 131.713 | 0.000 | 1805 | -0.030 |
| 5/3/2016 | 715 | 0.0000 | 745 | -0.013 | 50 | 0.000 | 131.713 | 0.000 | 1810 | 0.003 |
| 5/4/2016 | 720 | 0.0070 | 770 | 0.033 | 50 | 0.000 | 131.713 | 0.000 | 1735 | -0.042 |
| Date | ADRO | | ANTM | | BUMI | | ESSA | | INCO | |
| Close | Return | Close | Return | Close | Return | Close | Return | Close | Return |
| 5/9/2016 | 695 | -0.035 | 740 | -0.040 | 50 | 0.000 | 131.713 | 0.000 | 1645 | -0.053 |
| 5/10/2016 | 665 | -0.044 | 710 | -0.041 | 50 | 0.000 | 131.713 | 0.000 | 1575 | -0.043 |
| 5/11/2016 | 685 | 0.0296 | 710 | 0.000 | 50 | 0.000 | 131.713 | 0.000 | 1615 | 0.025 |
| 5/12/2016 | 695 | 0.0145 | 715 | 0.007 | 50 | 0.000 | 131.713 | 0.000 | 1650 | 0.021 |
| 5/13/2016 | 670 | -0.036 | 705 | -0.014 | 50 | 0.000 | 131.713 | 0.000 | 1605 | -0.028 |
| 5/16/2016 | 685 | 0.0221 | 680 | -0.036 | 50 | 0.000 | 131.713 | 0.000 | 1580 | -0.016 |
| 5/17/2016 | 695 | 0.0145 | 695 | 0.022 | 50 | 0.000 | 131.713 | 0.000 | 1500 | -0.052 |
| 5/18/2016 | 690 | -0.007 | 695 | 0.000 | 50 | 0.000 | 131.713 | 0.000 | 1530 | 0.020 |
| 5/19/2016 | 675 | -0.022 | 665 | -0.044 | 50 | 0.000 | 127.322 | -0.034 | 1500 | -0.020 |
| 5/20/2016 | 670 | -0.007 | 660 | -0.008 | 50 | 0.000 | 130.835 | 0.027 | 1505 | 0.003 |
| 5/23/2016 | 670 | 0.0000 | 650 | -0.015 | 50 | 0.000 | 127.322 | -0.027 | 1515 | 0.007 |
| 5/24/2016 | 660 | -0.015 | 645 | -0.008 | 50 | 0.000 | 127.322 | 0.000 | 1500 | -0.010 |
| 5/25/2016 | 680 | 0.0299 | 655 | 0.015 | 50 | 0.000 | 136.103 | 0.067 | 1600 | 0.065 |
| 5/26/2016 | 700 | 0.0290 | 680 | 0.037 | 50 | 0.000 | 136.103 | 0.000 | 1705 | 0.064 |
| 5/27/2016 | 695 | -0.007 | 670 | -0.015 | 50 | 0.000 | 136.981 | 0.006 | 1690 | -0.009 |
| 5/30/2016 | 695 | 0.0000 | 670 | 0.000 | 50 | 0.000 | 136.981 | 0.000 | 1675 | -0.009 |
| 5/31/2016 | 710 | 0.0214 | 650 | -0.030 | 50 | 0.000 | 140.054 | 0.022 | 1655 | -0.012 |
| 6/1/2016 | 720 | 0.0140 | 645 | -0.008 | 50 | 0.000 | 140.054 | 0.000 | 1655 | 0.000 |
| 6/2/2016 | 755 | 0.0475 | 650 | 0.008 | 50 | 0.000 | 140.054 | 0.000 | 1675 | 0.012 |
| 6/3/2016 | 815 | 0.0765 | 650 | 0.000 | 50 | 0.000 | 140.054 | 0.000 | 1660 | -0.009 |
| 6/6/2016 | 840 | 0.0302 | 675 | 0.038 | 50 | 0.000 | 140.054 | 0.000 | 1715 | 0.033 |
| 6/7/2016 | 910 | 0.0800 | 675 | 0.000 | 50 | 0.000 | 138.737 | -0.009 | 1785 | 0.040 |
| 6/8/2016 | 870 | -0.045 | 670 | -0.007 | 50 | 0.000 | 140.493 | 0.013 | 1760 | -0.014 |
| 6/9/2016 | 925 | 0.0613 | 730 | 0.086 | 50 | 0.000 | 140.493 | 0.000 | 1845 | 0.047 |
| 6/10/2016 | 890 | -0.038 | 720 | -0.014 | 67 | 0.293 | 140.493 | 0.000 | 1815 | -0.016 |
| 6/13/2016 | 860 | -0.034 | 705 | -0.021 | 82 | 0.202 | 131.713 | -0.065 | 1755 | -0.034 |
| 6/14/2016 | 845 | -0.017 | 685 | -0.029 | 76 | -0.076 | 131.713 | 0.000 | 1735 | -0.011 |
| 6/15/2016 | 865 | 0.0234 | 695 | 0.014 | 84 | 0.100 | 131.713 | 0.000 | 1750 | 0.009 |
| 6/16/2016 | 845 | -0.023 | 755 | 0.083 | 78 | -0.074 | 127.322 | -0.034 | 1755 | 0.003 |
| 6/17/2016 | 800 | -0.054 | 735 | -0.027 | 77 | -0.013 | 131.713 | 0.034 | 1760 | 0.003 |
| 6/20/2016 | 845 | 0.0547 | 750 | 0.020 | 74 | -0.040 | 131.713 | 0.000 | 1835 | 0.042 |
| 6/21/2016 | 845 | 0.0000 | 735 | -0.020 | 72 | -0.027 | 131.713 | 0.000 | 1815 | -0.011 |
| 6/22/2016 | 845 | 0.0000 | 740 | 0.007 | 65 | -0.102 | 131.713 | 0.000 | 1775 | -0.022 |
| 6/23/2016 | 850 | 0.0059 | 730 | -0.014 | 77 | 0.169 | 131.713 | 0.000 | 1765 | -0.006 |
| 6/24/2016 | 840 | -0.011 | 730 | 0.000 | 73 | -0.053 | 131.713 | 0.000 | 1730 | -0.020 |
| 6/27/2016 | 835 | -0.006 | 735 | 0.007 | 69 | -0.056 | 131.713 | 0.000 | 1750 | 0.011 |
| 6/28/2016 | 855 | 0.0237 | 720 | -0.021 | 67 | -0.029 | 131.713 | 0.000 | 1710 | -0.023 |
| 6/29/2016 | 855 | 0.0000 | 720 | 0.000 | 67 | 0.000 | 131.713 | 0.000 | 1805 | 0.054 |
| 6/30/2016 | 850 | -0.005 | 725 | 0.007 | 68 | 0.015 | 133.469 | 0.013 | 1820 | 0.008 |
| 7/1/2016 | 885 | 0.0404 | 715 | -0.014 | 68 | 0.000 | 133.469 | 0.000 | 1815 | -0.003 |
| 7/11/2016 | 925 | 0.0442 | 740 | 0.034 | 68 | 0.000 | 133.469 | 0.000 | 1950 | 0.072 |
| Date | ADRO | | ANTM | | BUMI | | ESSA | | INCO | |
| Close | Return | Close | Return | Close | Return | Close | Return | Close | Return |
| 7/12/2016 | 970 | 0.0475 | 760 | 0.027 | 68 | 0.000 | 133.469 | 0.000 | 2210 | 0.125 |
| 7/13/2016 | 1025 | 0.0552 | 795 | 0.045 | 68 | 0.000 | 131.713 | -0.013 | 2410 | 0.087 |
| 7/14/2016 | 1040 | 0.0145 | 780 | -0.019 | 68 | 0.000 | 131.713 | 0.000 | 2310 | -0.042 |
| 7/15/2016 | 995 | -0.044 | 780 | 0.000 | 68 | 0.000 | 131.713 | 0.000 | 2320 | 0.004 |
| 7/18/2016 | 1030 | 0.0346 | 840 | 0.074 | 68 | 0.000 | 131.713 | 0.000 | 2350 | 0.013 |
| 7/19/2016 | 1025 | -0.004 | 820 | -0.024 | 68 | 0.000 | 131.713 | 0.000 | 2470 | 0.050 |
| 7/20/2016 | 1035 | 0.0097 | 815 | -0.006 | 68 | 0.000 | 131.713 | 0.000 | 2490 | 0.008 |
| 7/21/2016 | 1055 | 0.0191 | 800 | -0.019 | 68 | 0.000 | 127.322 | -0.034 | 2500 | 0.004 |
| 7/22/2016 | 1050 | -0.004 | 810 | 0.012 | 68 | 0.000 | 131.713 | 0.034 | 2580 | 0.031 |
| 7/25/2016 | 1070 | 0.0189 | 810 | 0.000 | 68 | 0.000 | 131.713 | 0.000 | 2540 | -0.016 |
| 7/26/2016 | 1060 | -0.009 | 805 | -0.006 | 68 | 0.000 | 131.713 | 0.000 | 2390 | -0.061 |
| 7/27/2016 | 1045 | -0.014 | 805 | 0.000 | 68 | 0.000 | 131.713 | 0.000 | 2430 | 0.017 |
| 7/28/2016 | 1060 | 0.0143 | 805 | 0.000 | 68 | 0.000 | 136.103 | 0.033 | 2540 | 0.044 |
| 7/29/2016 | 1040 | -0.019 | 795 | -0.013 | 68 | 0.000 | 131.713 | -0.033 | 2560 | 0.008 |
| 8/1/2016 | 1040 | 0.0000 | 805 | 0.013 | 68 | 0.000 | 131.713 | 0.000 | 2610 | 0.019 |
| 8/2/2016 | 1105 | 0.0606 | 820 | 0.018 | 68 | 0.000 | 131.713 | 0.000 | 2630 | 0.008 |
| 8/3/2016 | 1140 | 0.0312 | 820 | 0.000 | 68 | 0.000 | 131.713 | 0.000 | 2530 | -0.039 |
| 8/4/2016 | 1110 | -0.026 | 815 | -0.006 | 68 | 0.000 | 131.713 | 0.000 | 2500 | -0.012 |
| 8/5/2016 | 1145 | 0.0310 | 815 | 0.000 | 68 | 0.000 | 128.2 | -0.027 | 2620 | 0.047 |
| 8/8/2016 | 1150 | 0.0044 | 810 | -0.006 | 68 | 0.000 | 128.2 | 0.000 | 2670 | 0.019 |
| 8/9/2016 | 1200 | 0.0426 | 800 | -0.012 | 68 | 0.000 | 128.2 | 0.000 | 2630 | -0.015 |
| 8/10/2016 | 1155 | -0.038 | 795 | -0.006 | 68 | 0.000 | 131.713 | 0.027 | 2570 | -0.023 |
| 8/11/2016 | 1085 | -0.062 | 775 | -0.025 | 68 | 0.000 | 136.103 | 0.033 | 2560 | -0.004 |
| 8/12/2016 | 1135 | 0.0451 | 780 | 0.006 | 68 | 0.000 | 131.713 | -0.033 | 2620 | 0.023 |
| 8/15/2016 | 1120 | -0.013 | 750 | -0.039 | 68 | 0.000 | 127.322 | -0.034 | 2580 | -0.015 |
| 8/16/2016 | 1145 | 0.0221 | 755 | 0.007 | 68 | 0.000 | 131.713 | 0.034 | 2590 | 0.004 |
| 8/18/2016 | 1170 | 0.0216 | 785 | 0.039 | 68 | 0.000 | 131.713 | 0.000 | 2830 | 0.089 |
| 8/19/2016 | 1105 | -0.057 | 790 | 0.006 | 68 | 0.000 | 131.713 | 0.000 | 2890 | 0.021 |
| 8/22/2016 | 1115 | 0.0090 | 775 | -0.019 | 68 | 0.000 | 131.713 | 0.000 | 2860 | -0.010 |
| 8/23/2016 | 1080 | -0.031 | 765 | -0.013 | 68 | 0.000 | 131.713 | 0.000 | 2740 | -0.043 |
| 8/24/2016 | 1060 | -0.018 | 775 | 0.013 | 68 | 0.000 | 131.713 | 0.000 | 2810 | 0.025 |
| 8/25/2016 | 1100 | 0.0370 | 770 | -0.006 | 68 | 0.000 | 127.322 | -0.034 | 2700 | -0.040 |
| 8/26/2016 | 1080 | -0.018 | 750 | -0.026 | 68 | 0.000 | 124.688 | -0.021 | 2700 | 0.000 |
| 8/29/2016 | 1065 | -0.014 | 715 | -0.048 | 68 | 0.000 | 112.395 | -0.104 | 2710 | 0.004 |
| 8/30/2016 | 1135 | 0.0637 | 715 | 0.000 | 68 | 0.000 | 105.37 | -0.065 | 2680 | -0.011 |
| 8/31/2016 | 1150 | 0.0131 | 720 | 0.007 | 68 | 0.000 | 105.809 | 0.004 | 2640 | -0.015 |
| 9/1/2016 | 1185 | 0.0300 | 700 | -0.028 | 68 | 0.000 | 110.639 | 0.045 | 2670 | 0.011 |
| 9/2/2016 | 1170 | -0.012 | 700 | 0.000 | 68 | 0.000 | 114.151 | 0.031 | 2660 | -0.004 |
| 9/5/2016 | 1220 | 0.0418 | 705 | 0.007 | 68 | 0.000 | 114.151 | 0.000 | 2810 | 0.055 |
| 9/6/2016 | 1225 | 0.0041 | 705 | 0.000 | 68 | 0.000 | 107.565 | -0.059 | 2880 | 0.025 |
| 9/7/2016 | 1245 | 0.0162 | 705 | 0.000 | 68 | 0.000 | 105.37 | -0.021 | 2920 | 0.014 |
| Date | ADRO | | ANTM | | BUMI | | ESSA | | INCO | |
| Close | Return | Close | Return | Close | Return | Close | Return | Close | Return |
| 9/8/2016 | 1270 | 0.0199 | 700 | -0.007 | 68 | 0.000 | 114.151 | 0.080 | 2900 | -0.007 |
| 9/9/2016 | 1270 | 0.0000 | 690 | -0.014 | 68 | 0.000 | 114.151 | 0.000 | 2820 | -0.028 |
| 9/13/2016 | 1165 | -0.086 | 645 | -0.067 | 68 | 0.000 | 114.151 | 0.000 | 2760 | -0.022 |
| 9/14/2016 | 1120 | -0.039 | 620 | -0.040 | 68 | 0.000 | 105.37 | -0.080 | 2620 | -0.052 |
| 9/15/2016 | 1165 | 0.0394 | 640 | 0.032 | 68 | 0.000 | 103.175 | -0.021 | 2660 | 0.015 |
| 9/16/2016 | 1165 | 0.0000 | 625 | -0.024 | 68 | 0.000 | 107.565 | 0.042 | 2620 | -0.015 |
| 9/19/2016 | 1185 | 0.0170 | 625 | 0.000 | 68 | 0.000 | 105.37 | -0.021 | 2660 | 0.015 |
| 9/20/2016 | 1180 | -0.004 | 625 | 0.000 | 68 | 0.000 | 109.761 | 0.041 | 2690 | 0.011 |
| 9/21/2016 | 1170 | -0.008 | 665 | 0.062 | 68 | 0.000 | 109.761 | 0.000 | 2680 | -0.004 |
| 9/22/2016 | 1185 | 0.0127 | 675 | 0.015 | 68 | 0.000 | 109.761 | 0.000 | 2840 | 0.058 |
| 9/23/2016 | 1210 | 0.0209 | 665 | -0.015 | 68 | 0.000 | 127.322 | 0.148 | 2840 | 0.000 |
| 9/26/2016 | 1200 | -0.008 | 645 | -0.031 | 68 | 0.000 | 127.322 | 0.000 | 2710 | -0.047 |
| 9/27/2016 | 1210 | 0.008 | 770 | 0.177 | 68 | 0.000 | 127.322 | 0.000 | 2970 | 0.092 |
| 9/28/2016 | 1200 | -0.008 | 795 | 0.032 | 68 | 0.000 | 122.932 | -0.035 | 2970 | 0.000 |
| 9/29/2016 | 1280 | 0.0645 | 830 | 0.043 | 68 | 0.000 | 122.932 | 0.000 | 2950 | -0.007 |
| 9/30/2016 | 1205 | -0.060 | 820 | -0.012 | 68 | 0.000 | 117.663 | -0.044 | 2950 | 0.000 |
| 10/3/2016 | 1300 | 0.0759 | 805 | -0.018 | 68 | 0.000 | 120.737 | 0.026 | 3130 | 0.059 |
| 10/4/2016 | 1305 | 0.0038 | 830 | 0.031 | 68 | 0.000 | 118.541 | -0.018 | 2960 | -0.056 |
| 10/5/2016 | 1290 | -0.011 | 795 | -0.043 | 77 | 0.124 | 122.932 | 0.036 | 2750 | -0.074 |
| 10/6/2016 | 1360 | 0.0528 | 790 | -0.006 | 80 | 0.038 | 122.932 | 0.000 | 2700 | -0.018 |
| 10/7/2016 | 1375 | 0.0110 | 800 | 0.013 | 72 | -0.105 | 122.932 | 0.000 | 2670 | -0.011 |
| 10/10/2016 | 1385 | 0.0072 | 790 | -0.013 | 81 | 0.118 | 127.322 | 0.035 | 2670 | 0.000 |
| 10/11/2016 | 1400 | 0.0108 | 830 | 0.049 | 76 | -0.064 | 127.322 | 0.000 | 2720 | 0.019 |
| 10/12/2016 | 1405 | 0.0036 | 840 | 0.012 | 77 | 0.013 | 131.713 | 0.034 | 2760 | 0.015 |
| 10/13/2016 | 1405 | 0.0000 | 830 | -0.012 | 76 | -0.013 | 131.713 | 0.000 | 2760 | 0.000 |
| 10/14/2016 | 1425 | 0.0141 | 825 | -0.006 | 76 | 0.000 | 129.956 | -0.013 | 2740 | -0.007 |
| 10/17/2016 | 1460 | 0.0243 | 835 | 0.012 | 82 | 0.076 | 129.078 | -0.007 | 2750 | 0.004 |
| 10/18/2016 | 1440 | -0.013 | 830 | -0.006 | 80 | -0.025 | 129.078 | 0.000 | 2890 | 0.050 |
| 10/19/2016 | 1530 | 0.0606 | 825 | -0.006 | 108 | 0.300 | 129.078 | 0.000 | 2850 | -0.014 |
| 10/20/2016 | 1510 | -0.013 | 810 | -0.018 | 123 | 0.130 | 129.078 | 0.000 | 2870 | 0.007 |
| 10/21/2016 | 1500 | -0.006 | 820 | 0.012 | 121 | -0.016 | 116.346 | -0.104 | 2700 | -0.061 |
| 10/24/2016 | 1525 | 0.0165 | 840 | 0.024 | 150 | 0.215 | 126.444 | 0.083 | 2670 | -0.011 |
| 10/25/2016 | 1525 | 0.0000 | 835 | -0.006 | 150 | 0.000 | 114.151 | -0.102 | 2680 | 0.004 |
| 10/26/2016 | 1555 | 0.0195 | 840 | 0.006 | 202 | 0.298 | 114.151 | 0.000 | 2640 | -0.015 |
| 10/27/2016 | 1550 | -0.003 | 875 | 0.041 | 189 | -0.067 | 114.59 | 0.004 | 2680 | 0.015 |
| 10/28/2016 | 1580 | 0.0192 | 865 | -0.011 | 171 | -0.100 | 114.59 | 0.000 | 2630 | -0.019 |
| 10/31/2016 | 1585 | 0.0032 | 895 | 0.034 | 214 | 0.224 | 116.346 | 0.015 | 2720 | 0.034 |
| 11/1/2016 | 1640 | 0.0341 | 900 | 0.006 | 228 | 0.063 | 116.346 | 0.000 | 2680 | -0.015 |
| 11/2/2016 | 1720 | 0.0476 | 900 | 0.000 | 244 | 0.068 | 115.907 | -0.004 | 2670 | -0.004 |
| 11/3/2016 | 1640 | -0.047 | 890 | -0.011 | 234 | -0.042 | 115.907 | 0.000 | 2590 | -0.030 |
| 11/4/2016 | 1670 | 0.0181 | 910 | 0.022 | 248 | 0.058 | 115.907 | 0.000 | 2640 | 0.019 |
| Date | ADRO | | ANTM | | BUMI | | ESSA | | INCO | |
| Close | Return | Close | Return | Close | Return | Close | Return | Close | Return |
| 11/7/2016 | 1685 | 0.0089 | 910 | 0.000 | 278 | 0.114 | 115.907 | 0.000 | 2850 | 0.077 |
| 11/8/2016 | 1630 | -0.033 | 910 | 0.000 | 276 | -0.007 | 116.346 | 0.004 | 3000 | 0.051 |
| 11/9/2016 | 1570 | -0.037 | 890 | -0.022 | 290 | 0.049 | 114.151 | -0.019 | 3020 | 0.007 |
| 11/10/2016 | 1650 | 0.0497 | 895 | 0.006 | 318 | 0.092 | 114.151 | 0.000 | 3300 | 0.089 |
| 11/11/2016 | 1660 | 0.0060 | 900 | 0.006 | 310 | -0.025 | 109.761 | -0.039 | 3500 | 0.059 |
| 11/14/2016 | 1605 | -0.033 | 885 | -0.017 | 288 | -0.074 | 106.248 | -0.033 | 3300 | -0.059 |
| 11/15/2016 | 1465 | -0.091 | 885 | 0.000 | 260 | -0.102 | 109.761 | 0.033 | 3090 | -0.066 |
| 11/16/2016 | 1535 | 0.0467 | 880 | -0.006 | 280 | 0.074 | 109.761 | 0.000 | 3250 | 0.050 |
| 11/17/2016 | 1515 | -0.01 | 900 | 0.022 | 260 | -0.074 | 109.761 | 0.000 | 3200 | -0.016 |
| 11/18/2016 | 1500 | -0.010 | 900 | 0.000 | 242 | -0.072 | 109.761 | 0.000 | 3110 | -0.029 |
| 11/21/2016 | 1530 | 0.0198 | 890 | -0.011 | 282 | 0.153 | 108.882 | -0.008 | 3100 | -0.003 |
| 11/22/2016 | 1620 | 0.0572 | 910 | 0.022 | 286 | 0.014 | 105.37 | -0.033 | 3210 | 0.035 |
| 11/23/2016 | 1630 | 0.0062 | 975 | 0.069 | 278 | -0.028 | 106.248 | 0.008 | 3370 | 0.049 |
| 11/24/2016 | 1645 | 0.0092 | 970 | -0.005 | 278 | 0.000 | 106.248 | 0.000 | 3400 | 0.009 |
| 11/25/2016 | 1640 | -0.003 | 965 | -0.005 | 282 | 0.014 | 107.126 | 0.008 | 3370 | -0.009 |
| 11/28/2016 | 1680 | 0.0241 | 985 | 0.021 | 292 | 0.035 | 114.151 | 0.064 | 3500 | 0.038 |
| 11/29/2016 | 1630 | -0.030 | 975 | -0.010 | 292 | 0.000 | 116.346 | 0.019 | 3500 | 0.000 |
| 11/30/2016 | 1530 | -0.063 | 970 | -0.005 | 290 | -0.007 | 116.346 | 0.000 | 3380 | -0.035 |
| 12/1/2016 | 1610 | 0.0510 | 955 | -0.016 | 290 | 0.000 | 111.517 | -0.042 | 3470 | 0.026 |
| 12/2/2016 | 1665 | 0.0336 | 965 | 0.010 | 294 | 0.014 | 111.517 | 0.000 | 3380 | -0.026 |
| 12/5/2016 | 1730 | 0.0383 | 965 | 0.000 | 304 | 0.033 | 111.517 | 0.000 | 3430 | 0.015 |
| 12/6/2016 | 1730 | 0.0000 | 960 | -0.005 | 304 | 0.000 | 108.004 | -0.032 | 3370 | -0.018 |
| 12/7/2016 | 1710 | -0.011 | 960 | 0.000 | 296 | -0.027 | 116.346 | 0.074 | 3370 | 0.000 |
| 12/8/2016 | 1650 | -0.035 | 950 | -0.010 | 294 | -0.007 | 111.956 | -0.038 | 3240 | -0.039 |
| 12/9/2016 | 1680 | 0.0180 | 945 | -0.005 | 296 | 0.007 | 109.761 | -0.020 | 3310 | 0.021 |
| 12/13/2016 | 1700 | 0.0118 | 900 | -0.049 | 292 | -0.014 | 116.346 | 0.058 | 3250 | -0.018 |
| 12/14/2016 | 1690 | -0.005 | 880 | -0.022 | 282 | -0.035 | 116.346 | 0.000 | 3240 | -0.003 |
| 12/15/2016 | 1670 | -0.011 | 895 | 0.017 | 278 | -0.014 | 116.346 | 0.000 | 3250 | 0.003 |
| 12/16/2016 | 1660 | -0.006 | 885 | -0.011 | 276 | -0.007 | 116.346 | 0.000 | 3240 | -0.003 |
| 12/19/2016 | 1695 | 0.0209 | 870 | -0.017 | 254 | -0.083 | 110.639 | -0.050 | 3060 | -0.057 |
| 12/20/2016 | 1700 | 0.0029 | 865 | -0.006 | 264 | 0.039 | 110.639 | 0.000 | 2880 | -0.061 |
| 12/21/2016 | 1670 | -0.017 | 885 | 0.023 | 254 | -0.039 | 110.639 | 0.000 | 2820 | -0.021 |
| 12/22/2016 | 1680 | 0.0060 | 860 | -0.029 | 248 | -0.024 | 110.639 | 0.000 | 2700 | -0.043 |
| 12/23/2016 | 1655 | -0.015 | 855 | -0.006 | 244 | -0.016 | 110.639 | 0.000 | 2720 | 0.007 |
| 12/27/2016 | 1675 | 0.0120 | 850 | -0.006 | 242 | -0.008 | 110.639 | 0.000 | 2680 | -0.015 |
| 12/28/2016 | 1690 | 0.0089 | 890 | 0.046 | 278 | 0.139 | 115.907 | 0.047 | 2770 | 0.033 |
| 12/29/2016 | 1690 | 0.0000 | 895 | 0.006 | 276 | -0.007 | 115.907 | 0.000 | 2840 | 0.025 |
| 12/30/2016 | 1695 | 0.0030 | 895 | 0.000 | 278 | 0.007 | 142.25 | 0.205 | 2820 | -0.007 |
| 1/2/2017 | 1695 | 0.0000 | 895 | 0.000 | 278 | 0.000 | 142.25 | 0.000 | 2820 | 0.000 |
| 1/3/2017 | 1740 | 0.0262 | 885 | -0.011 | 272 | -0.022 | 131.713 | -0.077 | 2780 | -0.014 |
| 1/4/2017 | 1700 | -0.023 | 865 | -0.023 | 266 | -0.022 | 131.713 | 0.000 | 2720 | -0.022 |
| Date | ADRO | | ANTM | | BUMI | | ESSA | | INCO | |
| Close | Return | Close | Return | Close | Return | Close | Return | Close | Return |
| 1/5/2017 | 1665 | -0.020 | 870 | 0.006 | 304 | 0.134 | 131.713 | 0.000 | 2840 | 0.043 |
| 1/6/2017 | 1695 | 0.0179 | 865 | -0.006 | 324 | 0.064 | 131.713 | 0.000 | 2930 | 0.031 |
| 1/9/2017 | 1720 | 0.0146 | 855 | -0.012 | 342 | 0.054 | 131.713 | 0.000 | 2850 | -0.028 |
| 1/10/2017 | 1685 | -0.020 | 865 | 0.012 | 340 | -0.006 | 131.713 | 0.000 | 2880 | 0.010 |
| 1/11/2017 | 1745 | 0.0350 | 875 | 0.011 | 368 | 0.079 | 131.713 | 0.000 | 3020 | 0.047 |
| 1/12/2017 | 1715 | -0.017 | 865 | -0.011 | 370 | 0.005 | 131.713 | 0.000 | 2950 | -0.023 |
| 1/13/2017 | 1700 | -0.008 | 920 | 0.062 | 388 | 0.048 | 131.713 | 0.000 | 2480 | -0.174 |
| 1/16/2017 | 1700 | 0.0000 | 905 | -0.016 | 410 | 0.055 | 131.713 | 0.000 | 2510 | 0.012 |
| 1/17/2017 | 1700 | 0.0000 | 895 | -0.011 | 420 | 0.024 | 131.713 | 0.000 | 2490 | -0.008 |
| 1/18/2017 | 1720 | 0.0117 | 895 | 0.000 | 426 | 0.014 | 127.322 | -0.034 | 2470 | -0.008 |
| 1/19/2017 | 1730 | 0.0058 | 900 | 0.006 | 420 | -0.014 | 127.322 | 0.000 | 2400 | -0.029 |
| 1/20/2017 | 1730 | 0.0000 | 885 | -0.017 | 416 | -0.010 | 128.2 | 0.007 | 2300 | -0.043 |
| 1/23/2017 | 1725 | -0.003 | 865 | -0.023 | 446 | 0.070 | 128.2 | 0.000 | 2270 | -0.013 |
| 1/24/2017 | 1725 | 0.0000 | 805 | -0.072 | 480 | 0.073 | 128.2 | 0.000 | 2280 | 0.004 |
| 1/25/2017 | 1740 | 0.0087 | 805 | 0.000 | 486 | 0.012 | 128.2 | 0.000 | 2300 | 0.009 |
| 1/26/2017 | 1730 | -0.005 | 810 | 0.006 | 476 | -0.021 | 128.2 | 0.000 | 2420 | 0.051 |
| 1/27/2017 | 1725 | -0.002 | 805 | -0.006 | 505 | 0.059 | 128.2 | 0.000 | 2340 | -0.034 |
| 1/30/2017 | 1715 | -0.005 | 800 | -0.006 | 494 | -0.022 | 131.713 | 0.027 | 2330 | -0.004 |
| 1/31/2017 | 1695 | -0.011 | 800 | 0.000 | 498 | 0.008 | 131.713 | 0.000 | 2370 | 0.017 |
| 2/1/2017 | 1750 | 0.0319 | 810 | 0.012 | 474 | -0.049 | 133.469 | 0.013 | 2560 | 0.077 |
| 2/2/2017 | 1740 | -0.005 | 840 | 0.036 | 478 | 0.008 | 133.469 | 0.000 | 2840 | 0.104 |
| 2/3/2017 | 1720 | -0.011 | 830 | -0.012 | 474 | -0.008 | 140.493 | 0.051 | 2770 | -0.025 |
| 2/6/2017 | 1740 | 0.0116 | 815 | -0.018 | 470 | -0.008 | 153.665 | 0.090 | 2720 | -0.018 |
| 2/7/2017 | 1730 | -0.005 | 805 | -0.012 | 464 | -0.013 | 166.836 | 0.082 | 2740 | 0.007 |
| 2/8/2017 | 1720 | -0.005 | 805 | 0.000 | 430 | -0.076 | 168.592 | 0.010 | 2670 | -0.026 |
| 2/9/2017 | 1725 | 0.0029 | 800 | -0.006 | 434 | 0.009 | 168.592 | 0.000 | 2650 | -0.008 |
| 2/10/2017 | 1710 | -0.008 | 810 | 0.012 | 426 | -0.019 | 168.592 | 0.000 | 2740 | 0.033 |
| 2/13/2017 | 1680 | -0.017 | 810 | 0.000 | 410 | -0.038 | 166.836 | -0.010 | 2810 | 0.025 |
| 2/14/2017 | 1645 | -0.021 | 800 | -0.012 | 402 | -0.020 | 166.836 | 0.000 | 2750 | -0.022 |
| 2/15/2017 | 1645 | 0.0000 | 800 | 0.000 | 402 | 0.000 | 166.836 | 0.000 | 2750 | 0.000 |
| 2/16/2017 | 1700 | 0.0329 | 800 | 0.000 | 356 | -0.122 | 166.836 | 0.000 | 2750 | 0.000 |
| 2/17/2017 | 1660 | -0.023 | 795 | -0.006 | 362 | 0.017 | 166.836 | 0.000 | 2790 | 0.014 |
| 2/20/2017 | 1695 | 0.0209 | 785 | -0.013 | 380 | 0.049 | 166.836 | 0.000 | 2790 | 0.000 |
| 2/21/2017 | 1720 | 0.0146 | 790 | 0.006 | 294 | -0.257 | 166.836 | 0.000 | 2740 | -0.018 |
| 2/22/2017 | 1705 | -0.008 | 785 | -0.006 | 368 | 0.225 | 166.836 | 0.000 | 2670 | -0.026 |
| 2/23/2017 | 1715 | 0.0058 | 785 | 0.000 | 360 | -0.022 | 166.836 | 0.000 | 2590 | -0.030 |
| 2/24/2017 | 1700 | -0.008 | 765 | -0.026 | 332 | -0.081 | 166.836 | 0.000 | 2460 | -0.051 |
| 2/27/2017 | 1700 | 0 | 740 | -0.033 | 322 | -0.031 | 166.836 | 0.000 | 2560 | 0.040 |
| 2/28/2017 | 1695 | -0.003 | 745 | 0.007 | 318 | -0.013 | 166.836 | 0.000 | 2550 | -0.004 |
| 3/1/2017 | 1675 | -0.012 | 750 | 0.007 | 300 | -0.058 | 164.641 | -0.013 | 2510 | -0.016 |
| 3/2/2017 | 1685 | 0.0060 | 770 | 0.026 | 292 | -0.027 | 164.641 | 0.000 | 2560 | 0.020 |
| Date | ADRO | | ANTM | | BUMI | | ESSA | | INCO | |
| Close | Return | Close | Return | Close | Return | Close | Return | Close | Return |
| 3/3/2017 | 1685 | 0 | 755 | -0.020 | 320 | 0.092 | 158.055 | -0.041 | 2520 | -0.016 |
| 3/6/2017 | 1685 | 0 | 760 | 0.007 | 324 | 0.012 | 158.055 | 0.000 | 2550 | 0.012 |
| 3/7/2017 | 1695 | 0.0059 | 750 | -0.013 | 310 | -0.044 | 158.055 | 0.000 | 2500 | -0.020 |
| 3/8/2017 | 1695 | 0 | 730 | -0.027 | 302 | -0.026 | 158.055 | 0.000 | 2460 | -0.016 |
| 3/9/2017 | 1685 | -0.005 | 735 | 0.007 | 304 | 0.007 | 162.446 | 0.027 | 2350 | -0.046 |
| 3/10/2017 | 1600 | -0.052 | 730 | -0.007 | 298 | -0.020 | 166.836 | 0.027 | 2320 | -0.013 |
| 3/13/2017 | 1625 | 0.0155 | 725 | -0.007 | 322 | 0.077 | 166.836 | 0.000 | 2320 | 0.000 |
| 3/14/2017 | 1645 | 0.0122 | 705 | -0.028 | 316 | -0.019 | 166.836 | 0.000 | 2300 | -0.009 |
| 3/15/2017 | 1650 | 0.0030 | 695 | -0.014 | 312 | -0.013 | 166.836 | 0.000 | 2290 | -0.004 |
| 3/16/2017 | 1680 | 0.0180 | 715 | 0.028 | 308 | -0.013 | 175.617 | 0.051 | 2320 | 0.013 |
| 3/17/2017 | 1705 | 0.0148 | 760 | 0.061 | 348 | 0.122 | 169.031 | -0.038 | 2340 | 0.009 |
| 3/20/2017 | 1705 | 0.0000 | 760 | 0.000 | 342 | -0.017 | 169.031 | 0.000 | 2360 | 0.009 |
| 3/21/2017 | 1730 | 0.0146 | 750 | -0.013 | 366 | 0.068 | 169.031 | 0.000 | 2340 | -0.009 |
| 3/22/2017 | 1730 | 0.0000 | 740 | -0.013 | 362 | -0.011 | 169.031 | 0.000 | 2330 | -0.004 |
| 3/23/2017 | 1740 | 0.0058 | 745 | 0.007 | 368 | 0.016 | 169.031 | 0.000 | 2350 | 0.009 |
| 3/24/2017 | 1770 | 0.0171 | 730 | -0.020 | 366 | -0.005 | 175.617 | 0.038 | 2320 | -0.013 |
| 3/27/2017 | 1800 | 0.0168 | 720 | -0.014 | 338 | -0.080 | 175.617 | 0.000 | 2270 | -0.022 |
| 3/29/2017 | 1820 | 0.0110 | 745 | 0.034 | 332 | -0.018 | 175.617 | 0.000 | 2310 | 0.017 |
| 3/30/2017 | 1820 | 0 | 725 | -0.027 | 328 | -0.012 | 175.617 | 0.000 | 2300 | -0.004 |
| 3/31/2017 | 1750 | -0.039 | 730 | 0.007 | 332 | 0.012 | 175.617 | 0.000 | 2390 | 0.038 |
| 4/3/2017 | 1805 | 0.0309 | 715 | -0.021 | 334 | 0.006 | 175.617 | 0.000 | 2310 | -0.034 |
| 4/4/2017 | 1930 | 0.0670 | 720 | 0.007 | 414 | 0.215 | 175.617 | 0.000 | 2280 | -0.013 |
| 4/5/2017 | 1890 | -0.021 | 710 | -0.014 | 432 | 0.043 | 193.179 | 0.095 | 2310 | 0.013 |
| 4/6/2017 | 1895 | 0.0026 | 715 | 0.007 | 416 | -0.038 | 193.179 | 0.000 | 2330 | 0.009 |
| 4/7/2017 | 1890 | -0.002 | 715 | 0.000 | 404 | -0.029 | 206.35 | 0.066 | 2280 | -0.022 |
| 4/10/2017 | 1890 | 0.0000 | 705 | -0.014 | 394 | -0.025 | 219.521 | 0.062 | 2280 | 0.000 |
| 4/11/2017 | 1870 | -0.010 | 700 | -0.007 | 396 | 0.005 | 223.911 | 0.020 | 2270 | -0.004 |
| 4/12/2017 | 1890 | 0.0106 | 725 | 0.035 | 386 | -0.026 | 223.033 | -0.004 | 2250 | -0.009 |
| 4/13/2017 | 1860 | -0.016 | 735 | 0.014 | 388 | 0.005 | 223.033 | 0.000 | 2230 | -0.009 |
| 4/17/2017 | 1850 | -0.005 | 720 | -0.021 | 386 | -0.005 | 223.033 | 0.000 | 2230 | 0.000 |
| 4/18/2017 | 1835 | -0.008 | 710 | -0.014 | 420 | 0.084 | 223.033 | 0.000 | 2200 | -0.014 |
| 4/19/2017 | 1835 | 0.0000 | 710 | 0.000 | 420 | 0.000 | 223.033 | 0.000 | 2200 | 0.000 |
| 4/20/2017 | 1840 | 0.0027 | 700 | -0.014 | 398 | -0.054 | 223.033 | 0.000 | 2180 | -0.009 |
| 4/21/2017 | 1840 | 0.0000 | 700 | 0.000 | 402 | 0.010 | 223.033 | 0.000 | 2150 | -0.014 |
| 4/25/2017 | 1845 | 0.0027 | 700 | 0.000 | 408 | 0.015 | 223.033 | 0.000 | 2150 | 0.000 |
| 4/26/2017 | 1820 | -0.013 | 700 | 0.000 | 434 | 0.062 | 234.448 | 0.050 | 2150 | 0.000 |
| 4/27/2017 | 1840 | 0.0109 | 695 | -0.007 | 454 | 0.045 | 241.473 | 0.030 | 2170 | 0.009 |
| 4/28/2017 | 1775 | -0.036 | 695 | 0.000 | 448 | -0.013 | 241.473 | 0.000 | 2220 | 0.023 |
| 5/2/2017 | 1720 | -0.031 | 685 | -0.014 | 434 | -0.032 | 254.644 | 0.053 | 2260 | 0.018 |
| 5/3/2017 | 1630 | -0.053 | 665 | -0.030 | 428 | -0.014 | 254.644 | 0.000 | 2110 | -0.069 |
| 5/4/2017 | 1615 | -0.009 | 645 | -0.031 | 408 | -0.048 | 254.644 | 0.000 | 2050 | -0.029 |
| Date | ADRO | | ANTM | | BUMI | | ESSA | | INCO | |
| Close | Return | Close | Return | Close | Return | Close | Return | Close | Return |
| 5/5/2017 | 1560 | -0.034 | 630 | -0.024 | 398 | -0.025 | 254.644 | 0.000 | 1980 | -0.035 |
| 5/8/2017 | 1615 | 0.0346 | 640 | 0.016 | 398 | 0.000 | 254.644 | 0.000 | 1975 | -0.003 |
| 5/9/2017 | 1550 | -0.041 | 630 | -0.016 | 378 | -0.052 | 254.644 | 0.000 | 1930 | -0.023 |
| 5/10/2017 | 1495 | -0.036 | 625 | -0.008 | 328 | -0.142 | 254.644 | 0.000 | 1900 | -0.016 |
| 5/12/2017 | 1480 | -0.010 | 620 | -0.008 | 348 | 0.059 | 241.473 | -0.053 | 1885 | -0.008 |
| 5/15/2017 | 1485 | 0.0034 | 610 | -0.016 | 348 | 0.000 | 223.033 | -0.079 | 1885 | 0.000 |
| 5/16/2017 | 1465 | -0.013 | 700 | 0.138 | 352 | 0.011 | 241.473 | 0.079 | 1990 | 0.054 |
| 5/17/2017 | 1410 | -0.038 | 705 | 0.007 | 352 | 0.000 | 241.473 | 0.000 | 1910 | -0.041 |
| 5/18/2017 | 1435 | 0.0176 | 695 | -0.014 | 400 | 0.128 | 241.473 | 0.000 | 1900 | -0.005 |
| 5/19/2017 | 1465 | 0.0207 | 700 | 0.007 | 396 | -0.010 | 238.839 | -0.011 | 1930 | 0.016 |
| 5/22/2017 | 1435 | -0.020 | 695 | -0.007 | 398 | 0.005 | 223.033 | -0.068 | 1945 | 0.008 |
| 5/23/2017 | 1475 | 0.0275 | 705 | 0.014 | 380 | -0.046 | 223.033 | 0.000 | 1905 | -0.021 |
| 5/24/2017 | 1480 | 0.0034 | 705 | 0.000 | 354 | -0.071 | 227.424 | 0.019 | 1875 | -0.016 |
| 5/26/2017 | 1485 | 0.0034 | 700 | -0.007 | 366 | 0.033 | 230.936 | 0.015 | 1890 | 0.008 |
| 5/29/2017 | 1465 | -0.013 | 750 | 0.069 | 364 | -0.005 | 241.473 | 0.045 | 1875 | -0.008 |
| 5/30/2017 | 1460 | -0.003 | 735 | -0.020 | 366 | 0.005 | 232.692 | -0.037 | 1865 | -0.005 |
| 5/31/2017 | 1520 | 0.0403 | 775 | 0.053 | 384 | 0.048 | 237.083 | 0.019 | 1905 | 0.021 |
| 6/1/2017 | 1520 | 0.0000 | 775 | 0.000 | 384 | 0.000 | 237.083 | 0.000 | 1905 | 0.000 |
| 6/2/2017 | 1470 | -0.033 | 760 | -0.020 | 372 | -0.032 | 237.083 | 0.000 | 1880 | -0.013 |
| 6/5/2017 | 1545 | 0.0498 | 725 | -0.047 | 330 | -0.120 | 237.083 | 0.000 | 1865 | -0.008 |
| 6/6/2017 | 1605 | 0.0381 | 720 | -0.007 | 328 | -0.006 | 232.692 | -0.019 | 1850 | -0.008 |
| 6/7/2017 | 1600 | -0.003 | 720 | 0.000 | 330 | 0.006 | 237.083 | 0.019 | 1880 | 0.016 |
| 6/8/2017 | 1575 | -0.015 | 715 | -0.007 | 328 | -0.006 | 237.083 | 0.000 | 1865 | -0.008 |
| 6/9/2017 | 1555 | -0.012 | 715 | 0.000 | 340 | 0.036 | 228.302 | -0.038 | 1870 | 0.003 |
| 6/12/2017 | 1540 | -0.009 | 705 | -0.014 | 340 | 0.000 | 228.302 | 0.000 | 1890 | 0.011 |
| 6/13/2017 | 1600 | 0.0382 | 725 | 0.028 | 334 | -0.018 | 210.74 | -0.080 | 1965 | 0.039 |
| 6/14/2017 | 1660 | 0.0368 | 740 | 0.020 | 330 | -0.012 | 210.74 | 0.000 | 1955 | -0.005 |
| 6/15/2017 | 1645 | -0.009 | 725 | -0.020 | 332 | 0.006 | 201.959 | -0.043 | 1980 | 0.013 |
| 6/16/2017 | 1605 | -0.024 | 720 | -0.007 | 338 | 0.018 | 201.959 | 0.000 | 1895 | -0.044 |
| 6/19/2017 | 1565 | -0.025 | 705 | -0.021 | 356 | 0.052 | 201.959 | 0.000 | 1895 | 0.000 |
| 6/20/2017 | 1640 | 0.0468 | 710 | 0.007 | 356 | 0.000 | 201.959 | 0.000 | 1895 | 0.000 |
| 6/21/2017 | 1595 | -0.027 | 695 | -0.021 | 352 | -0.011 | 193.179 | -0.044 | 1885 | -0.005 |
| 6/22/2017 | 1580 | -0.009 | 695 | 0.000 | 340 | -0.035 | 219.521 | 0.128 | 1850 | -0.019 |
| 6/23/2017 | 1580 | 0.0000 | 695 | 0.000 | 340 | 0.000 | 219.521 | 0.000 | 1850 | 0.000 |
| 6/26/2017 | 1580 | 0.0000 | 695 | 0.000 | 340 | 0.000 | 219.521 | 0.000 | 1850 | 0.000 |
| 6/27/2017 | 1580 | 0.0000 | 695 | 0.000 | 340 | 0.000 | 219.521 | 0.000 | 1850 | 0.000 |
| 6/28/2017 | 1580 | 0.0000 | 695 | 0.000 | 340 | 0.000 | 219.521 | 0.000 | 1850 | 0.000 |
| 6/29/2017 | 1580 | 0.0000 | 695 | 0.000 | 340 | 0.000 | 219.521 | 0.000 | 1850 | 0.000 |
| 6/30/2017 | 1580 | 0.0000 | 695 | 0.000 | 340 | 0.000 | 219.521 | 0.000 | 1850 | 0.000 |
| 7/3/2017 | 1630 | 0.0312 | 700 | 0.007 | 374 | 0.095 | 219.521 | 0.000 | 1880 | 0.016 |
| 7/4/2017 | 1580 | -0.031 | 705 | 0.007 | 360 | -0.038 | 223.911 | 0.020 | 1855 | -0.013 |
| Date | ADRO | | ANTM | | BUMI | | ESSA | | INCO | |
| Close | Return | Close | Return | Close | Return | Close | Return | Close | Return |
| 7/5/2017 | 1620 | 0.0250 | 700 | -0.007 | 344 | -0.045 | 223.911 | 0.000 | 1885 | 0.016 |
| 7/6/2017 | 1635 | 0.0092 | 695 | -0.007 | 342 | -0.006 | 223.911 | 0.000 | 1860 | -0.013 |
| 7/7/2017 | 1610 | -0.015 | 710 | 0.021 | 332 | -0.030 | 223.911 | 0.000 | 1865 | 0.003 |
| 7/10/2017 | 1595 | -0.009 | 710 | 0.000 | 328 | -0.012 | 223.911 | 0.000 | 1865 | 0.000 |
| 7/11/2017 | 1615 | 0.0125 | 695 | -0.021 | 324 | -0.012 | 223.911 | 0.000 | 1845 | -0.011 |
| 7/12/2017 | 1665 | 0.0305 | 700 | 0.007 | 332 | 0.024 | 219.521 | -0.020 | 1910 | 0.035 |
| 7/13/2017 | 1625 | -0.024 | 700 | 0.000 | 328 | -0.012 | 219.521 | 0.000 | 1960 | 0.026 |
| 7/14/2017 | 1665 | 0.0243 | 695 | -0.007 | 346 | 0.053 | 219.521 | 0.000 | 1960 | 0.000 |
| 7/17/2017 | 1700 | 0.0208 | 720 | 0.035 | 350 | 0.011 | 219.521 | 0.000 | 2090 | 0.064 |
| 7/18/2017 | 1695 | -0.002 | 715 | -0.007 | 344 | -0.017 | 216.887 | -0.012 | 2050 | -0.019 |
| 7/19/2017 | 1765 | 0.0405 | 725 | 0.014 | 350 | 0.017 | 216.887 | 0.000 | 2130 | 0.038 |
| 7/20/2017 | 1820 | 0.0307 | 715 | -0.014 | 344 | -0.017 | 219.521 | 0.012 | 2150 | 0.009 |
| 7/21/2017 | 1820 | 0.0000 | 705 | -0.014 | 334 | -0.030 | 219.521 | 0.000 | 2190 | 0.018 |
| 7/24/2017 | 1835 | 0.0082 | 700 | -0.007 | 332 | -0.006 | 223.911 | 0.020 | 2170 | -0.009 |
| 7/25/2017 | 1830 | -0.002 | 700 | 0.000 | 332 | 0.000 | 223.911 | 0.000 | 2300 | 0.058 |
| 7/26/2017 | 1800 | -0.016 | 720 | 0.028 | 328 | -0.012 | 223.911 | 0.000 | 2380 | 0.034 |
| 7/27/2017 | 1800 | 0.0000 | 715 | -0.007 | 328 | 0.000 | 223.911 | 0.000 | 2390 | 0.004 |
| 7/28/2017 | 1825 | 0.0138 | 690 | -0.036 | 358 | 0.088 | 223.911 | 0.000 | 2490 | 0.041 |
| 7/31/2017 | 1785 | -0.022 | 690 | 0.000 | 342 | -0.046 | 228.302 | 0.019 | 2420 | -0.029 |
| 8/1/2017 | 1860 | 0.0412 | 690 | 0.000 | 340 | -0.006 | 228.302 | 0.000 | 2450 | 0.012 |
| 8/2/2017 | 1895 | 0.0186 | 685 | -0.007 | 338 | -0.006 | 233.57 | 0.023 | 2430 | -0.008 |
| 8/3/2017 | 1845 | -0.026 | 680 | -0.007 | 334 | -0.012 | 233.57 | 0.000 | 2430 | 0.000 |
| 8/4/2017 | 1870 | 0.0135 | 660 | -0.030 | 330 | -0.012 | 233.57 | 0.000 | 2460 | 0.012 |
| 8/7/2017 | 1850 | -0.010 | 650 | -0.015 | 324 | -0.018 | 233.57 | 0.000 | 2370 | -0.037 |
| 8/8/2017 | 1870 | 0.0108 | 670 | 0.030 | 306 | -0.057 | 219.521 | -0.062 | 2440 | 0.029 |
| 8/9/2017 | 1805 | -0.035 | 695 | 0.037 | 296 | -0.033 | 224.79 | 0.024 | 2640 | 0.079 |
| 8/10/2017 | 1850 | 0.0246 | 700 | 0.007 | 282 | -0.048 | 219.521 | -0.024 | 2610 | -0.011 |
| 8/11/2017 | 1820 | -0.016 | 690 | -0.014 | 276 | -0.022 | 216.887 | -0.012 | 2550 | -0.023 |
| 8/14/2017 | 1850 | 0.0163 | 685 | -0.007 | 280 | 0.014 | 219.521 | 0.012 | 2540 | -0.004 |
| 8/15/2017 | 1855 | 0.0027 | 680 | -0.007 | 294 | 0.049 | 219.521 | 0.000 | 2550 | 0.004 |
| 8/16/2017 | 1880 | 0.0134 | 680 | 0.000 | 292 | -0.007 | 219.521 | 0.000 | 2550 | 0.000 |
| 8/17/2017 | 1880 | 0.0000 | 680 | 0.000 | 292 | 0.000 | 219.521 | 0.000 | 2550 | 0.000 |
| 8/18/2017 | 1875 | -0.002 | 685 | 0.007 | 288 | -0.014 | 220.399 | 0.004 | 2720 | 0.065 |
| 8/21/2017 | 1865 | -0.005 | 715 | 0.043 | 274 | -0.050 | 216.887 | -0.016 | 2800 | 0.029 |
| 8/22/2017 | 1860 | -0.002 | 725 | 0.014 | 268 | -0.022 | 215.131 | -0.008 | 2990 | 0.066 |
| 8/23/2017 | 1955 | 0.0498 | 720 | -0.007 | 284 | 0.058 | 215.131 | 0.000 | 2980 | -0.003 |
| 8/24/2017 | 1965 | 0.0051 | 740 | 0.027 | 268 | -0.058 | 210.74 | -0.021 | 2920 | -0.020 |
| 8/25/2017 | 1945 | -0.010 | 720 | -0.027 | 264 | -0.015 | 210.74 | 0.000 | 2890 | -0.010 |
| 8/28/2017 | 1890 | -0.028 | 715 | -0.007 | 248 | -0.063 | 215.131 | 0.021 | 2930 | 0.014 |
| 8/29/2017 | 1870 | -0.010 | 730 | 0.021 | 244 | -0.016 | 215.131 | 0.000 | 2960 | 0.010 |
| 8/30/2017 | 1890 | 0.0106 | 755 | 0.034 | 234 | -0.042 | 215.131 | 0.000 | 3080 | 0.040 |
| Date | ADRO | | ANTM | | BUMI | | ESSA | | INCO | |
| Close | Return | Close | Return | Close | Return | Close | Return | Close | Return |
| 8/31/2017 | 1825 | -0.035 | 740 | -0.020 | 228 | -0.026 | 206.35 | -0.042 | 2970 | -0.036 |
| 9/1/2017 | 1825 | 0.0000 | 740 | 0.000 | 228 | 0.000 | 206.35 | 0.000 | 2970 | 0.000 |
| 9/4/2017 | 1815 | -0.005 | 710 | -0.041 | 228 | 0.000 | 193.179 | -0.066 | 3010 | 0.013 |
| 9/5/2017 | 1860 | 0.0245 | 710 | 0.000 | 258 | 0.124 | 193.179 | 0.000 | 2980 | -0.010 |
| 9/6/2017 | 1890 | 0.0160 | 705 | -0.007 | 248 | -0.040 | 193.179 | 0.000 | 2990 | 0.003 |
| 9/7/2017 | 1865 | -0.013 | 695 | -0.014 | 242 | -0.024 | 184.398 | -0.047 | 3000 | 0.003 |
| 9/8/2017 | 1885 | 0.0107 | 700 | 0.007 | 244 | 0.008 | 184.398 | 0.000 | 2980 | -0.007 |
| 9/11/2017 | 1900 | 0.0079 | 690 | -0.014 | 250 | 0.024 | 171.226 | -0.074 | 2980 | 0.000 |
| 9/12/2017 | 1865 | -0.018 | 680 | -0.015 | 240 | -0.041 | 175.617 | 0.025 | 3020 | 0.013 |
| 9/13/2017 | 1715 | -0.083 | 670 | -0.015 | 218 | -0.096 | 166.836 | -0.051 | 2970 | -0.017 |
| 9/14/2017 | 1740 | 0.0145 | 680 | 0.015 | 206 | -0.057 | 166.836 | 0.000 | 2840 | -0.045 |
| 9/15/2017 | 1775 | 0.0199 | 680 | 0.000 | 200 | -0.030 | 153.665 | -0.082 | 2730 | -0.040 |
| 9/18/2017 | 1820 | 0.0250 | 680 | 0.000 | 202 | 0.010 | 141.372 | -0.083 | 2760 | 0.011 |
| 9/19/2017 | 1870 | 0.0271 | 675 | -0.007 | 224 | 0.103 | 143.128 | 0.012 | 2680 | -0.029 |
| 9/20/2017 | 1860 | -0.005 | 680 | 0.007 | 212 | -0.055 | 154.543 | 0.077 | 2790 | 0.040 |
| 9/21/2017 | 1860 | 0 | 680 | 0.000 | 212 | 0.000 | 154.543 | 0.000 | 2790 | 0.000 |
| 9/22/2017 | 1815 | -0.024 | 675 | -0.007 | 206 | -0.029 | 158.055 | 0.022 | 2600 | -0.071 |
| 9/25/2017 | 1755 | -0.033 | 650 | -0.038 | 204 | -0.010 | 157.177 | -0.006 | 2650 | 0.019 |
| 9/26/2017 | 1710 | -0.026 | 645 | -0.008 | 189 | -0.076 | 164.641 | 0.046 | 2640 | -0.004 |
| 9/27/2017 | 1670 | -0.023 | 625 | -0.031 | 174 | -0.083 | 164.641 | 0.000 | 2600 | -0.015 |
| 9/28/2017 | 1765 | 0.0553 | 630 | 0.008 | 191 | 0.093 | 164.641 | 0.000 | 2520 | -0.031 |
| 9/29/2017 | 1825 | 0.0334 | 640 | 0.016 | 199 | 0.041 | 158.055 | -0.041 | 2590 | 0.027 |
| 10/2/2017 | 1775 | -0.027 | 640 | 0.000 | 173 | -0.140 | 153.665 | -0.028 | 2600 | 0.004 |
| 10/3/2017 | 1780 | 0.0028 | 645 | 0.008 | 206 | 0.175 | 153.665 | 0.000 | 2750 | 0.056 |
| 10/4/2017 | 1825 | 0.0250 | 650 | 0.008 | 202 | -0.020 | 158.055 | 0.028 | 2910 | 0.057 |
| 10/5/2017 | 1830 | 0.0027 | 645 | -0.008 | 190 | -0.061 | 162.446 | 0.027 | 2790 | -0.042 |
| 10/6/2017 | 1875 | 0.0243 | 650 | 0.008 | 191 | 0.005 | 162.885 | 0.003 | 2820 | 0.011 |
| 10/9/2017 | 1890 | 0.0080 | 650 | 0.000 | 202 | 0.056 | 166.836 | 0.024 | 2800 | -0.007 |
| 10/10/2017 | 1900 | 0.0053 | 660 | 0.015 | 195 | -0.035 | 180.007 | 0.076 | 2920 | 0.042 |
| 10/11/2017 | 1880 | -0.010 | 640 | -0.031 | 194 | -0.005 | 187.91 | 0.043 | 2970 | 0.017 |
| 10/12/2017 | 1900 | 0.0106 | 650 | 0.016 | 202 | 0.040 | 185.276 | -0.014 | 2990 | 0.007 |
| 10/13/2017 | 1900 | 0 | 645 | -0.008 | 194 | -0.040 | 171.226 | -0.079 | 3000 | 0.003 |
| 10/16/2017 | 1870 | -0.015 | 655 | 0.015 | 197 | 0.015 | 182.642 | 0.065 | 2970 | -0.010 |
| 10/17/2017 | 1900 | 0.0159 | 650 | -0.008 | 198 | 0.005 | 182.642 | 0.000 | 2880 | -0.031 |
| 10/18/2017 | 1880 | -0.010 | 655 | 0.008 | 197 | -0.005 | 180.007 | -0.015 | 2820 | -0.021 |
| 10/19/2017 | 1865 | -0.008 | 660 | 0.008 | 204 | 0.035 | 193.179 | 0.071 | 2870 | 0.018 |
| 10/20/2017 | 1855 | -0.005 | 660 | 0.000 | 212 | 0.038 | 184.398 | -0.047 | 2990 | 0.041 |
| 10/23/2017 | 1850 | -0.002 | 645 | -0.023 | 236 | 0.107 | 184.398 | 0.000 | 2990 | 0.000 |
| 10/24/2017 | 1890 | 0.0214 | 645 | 0.000 | 242 | 0.025 | 184.398 | 0.000 | 3030 | 0.013 |
| 10/25/2017 | 1900 | 0.0053 | 645 | 0.000 | 234 | -0.034 | 184.398 | 0.000 | 2970 | -0.020 |
| 10/26/2017 | 1825 | -0.040 | 655 | 0.015 | 246 | 0.050 | 166.836 | -0.100 | 2890 | -0.027 |
| Date | ADRO | | ANTM | | BUMI | | ESSA | | INCO | |
| Close | Return | Close | Return | Close | Return | Close | Return | Close | Return |
| 10/27/2017 | 1840 | 0.0082 | 645 | -0.015 | 264 | 0.071 | 166.836 | 0.000 | 2800 | -0.032 |
| 10/30/2017 | 1835 | -0.002 | 645 | 0.000 | 268 | 0.015 | 166.836 | 0.000 | 2920 | 0.042 |
| 10/31/2017 | 1825 | -0.005 | 645 | 0.000 | 260 | -0.030 | 157.177 | -0.060 | 2940 | 0.007 |
| 11/1/2017 | 1910 | 0.0455 | 710 | 0.096 | 272 | 0.045 | 158.055 | 0.006 | 3020 | 0.027 |
| 11/2/2017 | 1900 | -0.005 | 670 | -0.058 | 274 | 0.007 | 158.055 | 0.000 | 3050 | 0.010 |
| 11/3/2017 | 1895 | -0.002 | 670 | 0.000 | 266 | -0.030 | 149.274 | -0.057 | 3080 | 0.010 |
| 11/6/2017 | 1900 | 0.0026 | 670 | 0.000 | 260 | -0.023 | 149.274 | 0.000 | 3170 | 0.029 |
| 11/7/2017 | 1900 | 0.0000 | 695 | 0.037 | 266 | 0.023 | 149.274 | 0.000 | 3290 | 0.037 |
| 11/8/2017 | 1820 | -0.043 | 705 | 0.014 | 262 | -0.015 | 148.396 | -0.006 | 3210 | -0.025 |
| 11/9/2017 | 1830 | 0.0055 | 710 | 0.007 | 252 | -0.039 | 149.274 | 0.006 | 3180 | -0.009 |
| 11/10/2017 | 1815 | -0.008 | 705 | -0.007 | 252 | 0.000 | 146.64 | -0.018 | 3120 | -0.019 |
| 11/13/2017 | 1820 | 0.0028 | 685 | -0.029 | 250 | -0.008 | 144.006 | -0.018 | 3130 | 0.003 |
| 11/14/2017 | 1815 | -0.002 | 680 | -0.007 | 280 | 0.113 | 140.493 | -0.025 | 3150 | 0.006 |
| 11/15/2017 | 1735 | -0.045 | 660 | -0.030 | 270 | -0.036 | 136.103 | -0.032 | 3040 | -0.036 |
| 11/16/2017 | 1755 | 0.0115 | 660 | 0.000 | 272 | 0.007 | 139.615 | 0.025 | 3010 | -0.010 |
| 11/17/2017 | 1770 | 0.0085 | 660 | 0.000 | 272 | 0.000 | 158.055 | 0.124 | 2970 | -0.013 |
| 11/20/2017 | 1755 | -0.008 | 665 | 0.008 | 276 | 0.015 | 151.909 | -0.040 | 2900 | -0.024 |
| 11/21/2017 | 1715 | -0.023 | 665 | 0.000 | 280 | 0.014 | 158.055 | 0.040 | 2920 | 0.007 |
| 11/22/2017 | 1745 | 0.0173 | 660 | -0.008 | 306 | 0.089 | 158.055 | 0.000 | 2950 | 0.010 |
| 11/23/2017 | 1725 | -0.011 | 660 | 0.000 | 302 | -0.013 | 173.861 | 0.095 | 2900 | -0.017 |
| 11/24/2017 | 1710 | -0.008 | 660 | 0.000 | 300 | -0.007 | 184.398 | 0.059 | 2940 | 0.014 |
| 11/27/2017 | 1695 | -0.008 | 655 | -0.008 | 308 | 0.026 | 174.739 | -0.054 | 2900 | -0.014 |
| 11/28/2017 | 1715 | 0.0117 | 650 | -0.008 | 290 | -0.060 | 172.105 | -0.015 | 2780 | -0.042 |
| 11/29/2017 | 1775 | 0.0344 | 665 | 0.023 | 306 | 0.054 | 168.592 | -0.021 | 2780 | 0.000 |
| 11/30/2017 | 1700 | -0.043 | 665 | 0.000 | 300 | -0.020 | 167.714 | -0.005 | 2760 | -0.007 |
| 12/1/2017 | 1700 | 0.0000 | 665 | 0.000 | 300 | 0.000 | 167.714 | 0.000 | 2760 | 0.000 |
| 12/4/2017 | 1775 | 0.0432 | 650 | -0.023 | 272 | -0.098 | 171.226 | 0.021 | 2790 | 0.011 |
| 12/5/2017 | 1780 | 0.0028 | 630 | -0.031 | 274 | 0.007 | 168.592 | -0.016 | 2690 | -0.037 |
| 12/6/2017 | 1755 | -0.014 | 610 | -0.032 | 260 | -0.052 | 163.324 | -0.032 | 2680 | -0.004 |
| 12/7/2017 | 1710 | -0.026 | 605 | -0.008 | 248 | -0.047 | 162.446 | -0.005 | 2700 | 0.007 |
| 12/8/2017 | 1725 | 0.0087 | 625 | 0.033 | 254 | 0.024 | 158.933 | -0.022 | 2690 | -0.004 |
| 12/11/2017 | 1710 | -0.008 | 605 | -0.033 | 218 | -0.153 | 157.177 | -0.011 | 2610 | -0.030 |
| 12/12/2017 | 1810 | 0.0568 | 605 | 0.000 | 242 | 0.104 | 158.055 | 0.006 | 2680 | 0.026 |
| 12/13/2017 | 1815 | 0.0028 | 620 | 0.024 | 252 | 0.040 | 158.933 | 0.006 | 2850 | 0.062 |
| 12/14/2017 | 1805 | -0.005 | 635 | 0.024 | 272 | 0.076 | 161.567 | 0.016 | 2820 | -0.011 |
| 12/15/2017 | 1805 | 0.0000 | 630 | -0.008 | 258 | -0.053 | 161.567 | 0.000 | 2850 | 0.011 |
| 12/18/2017 | 1800 | -0.002 | 635 | 0.008 | 268 | 0.038 | 161.567 | 0.000 | 2900 | 0.017 |
| 12/19/2017 | 1835 | 0.0193 | 645 | 0.016 | 278 | 0.037 | 158.055 | -0.022 | 2920 | 0.007 |
| 12/20/2017 | 1800 | -0.019 | 630 | -0.024 | 282 | 0.014 | 158.055 | 0.000 | 2850 | -0.024 |
| 12/21/2017 | 1870 | 0.0382 | 625 | -0.008 | 278 | -0.014 | 159.811 | 0.011 | 2840 | -0.004 |
| 12/22/2017 | 1890 | 0.0106 | 630 | 0.008 | 274 | -0.014 | 159.811 | 0.000 | 2800 | -0.014 |
| Date | ADRO | | ANTM | | BUMI | | ESSA | | INCO | |
| Close | Return | Close | Return | Close | Return | Close | Return | Close | Return |
| 12/25/2017 | 1890 | 0.0000 | 630 | 0.000 | 274 | 0.000 | 159.811 | 0.000 | 2800 | 0.000 |
| 12/26/2017 | 1890 | 0.0000 | 630 | 0.000 | 274 | 0.000 | 159.811 | 0.000 | 2800 | 0.000 |
| 12/27/2017 | 1895 | 0.0026 | 635 | 0.008 | 280 | 0.022 | 159.811 | 0.000 | 2830 | 0.011 |
| 12/28/2017 | 1890 | -0.002 | 620 | -0.024 | 280 | 0.000 | 159.811 | 0.000 | 2830 | 0.000 |
| 12/29/2017 | 1860 | -0.016 | 625 | 0.008 | 270 | -0.036 | 193.179 | 0.190 | 2890 | 0.021 |
| 1/1/2018 | 1860 | 0.0000 | 625 | 0.000 | 270 | 0.000 | 193.179 | 0.000 | 2890 | 0.000 |
| 1/2/2018 | 1880 | 0.0107 | 635 | 0.016 | 268 | -0.007 | 167.714 | -0.141 | 3030 | 0.047 |
| 1/3/2018 | 1830 | -0.027 | 630 | -0.008 | 274 | 0.022 | 170.348 | 0.016 | 3050 | 0.007 |
| 1/4/2018 | 1915 | 0.0454 | 640 | 0.016 | 276 | 0.007 | 168.592 | -0.010 | 3110 | 0.019 |
| 1/5/2018 | 1990 | 0.0384 | 655 | 0.023 | 294 | 0.063 | 169.47 | 0.005 | 3170 | 0.019 |
| 1/8/2018 | 2160 | 0.0820 | 650 | -0.008 | 296 | 0.007 | 170.348 | 0.005 | 3170 | 0.000 |
| 1/9/2018 | 2180 | 0.0092 | 655 | 0.008 | 294 | -0.007 | 170.348 | 0.000 | 3180 | 0.003 |
| 1/10/2018 | 2210 | 0.0137 | 650 | -0.008 | 290 | -0.014 | 191.422 | 0.117 | 3200 | 0.006 |
| 1/11/2018 | 2180 | -0.013 | 650 | 0.000 | 298 | 0.027 | 193.179 | 0.009 | 3170 | -0.009 |
| 1/12/2018 | 2230 | 0.0227 | 665 | 0.023 | 296 | -0.007 | 201.959 | 0.044 | 3180 | 0.003 |
| 1/15/2018 | 2230 | 0.0000 | 660 | -0.008 | 290 | -0.020 | 201.959 | 0.000 | 3220 | 0.013 |
| 1/16/2018 | 2190 | -0.018 | 705 | 0.066 | 284 | -0.021 | 196.691 | -0.026 | 3330 | 0.034 |
| 1/17/2018 | 2170 | -0.009 | 730 | 0.035 | 284 | 0.000 | 198.447 | 0.009 | 3350 | 0.006 |
| 1/18/2018 | 2170 | 0.0000 | 740 | 0.014 | 286 | 0.007 | 219.521 | 0.101 | 3330 | -0.006 |
| 1/19/2018 | 2180 | 0.0046 | 760 | 0.027 | 288 | 0.007 | 228.302 | 0.039 | 3380 | 0.015 |
| 1/22/2018 | 2310 | 0.0579 | 775 | 0.020 | 298 | 0.034 | 219.521 | -0.039 | 3380 | 0.000 |
| 1/23/2018 | 2420 | 0.0465 | 800 | 0.032 | 298 | 0.000 | 224.79 | 0.024 | 3360 | -0.006 |
| 1/24/2018 | 2440 | 0.0082 | 780 | -0.025 | 322 | 0.077 | 221.277 | -0.016 | 3430 | 0.021 |
| 1/25/2018 | 2450 | 0.0041 | 845 | 0.080 | 344 | 0.066 | 221.277 | 0.000 | 3660 | 0.065 |
| 1/26/2018 | 2440 | -0.004 | 855 | 0.012 | 338 | -0.018 | 247.62 | 0.112 | 3700 | 0.011 |
| 1/29/2018 | 2560 | 0.0480 | 905 | 0.057 | 346 | 0.023 | 279.231 | 0.120 | 3860 | 0.042 |
| 1/30/2018 | 2550 | -0.003 | 910 | 0.006 | 330 | -0.047 | 294 | 0.052 | 3750 | -0.029 |
| 1/31/2018 | 2450 | -0.040 | 915 | 0.005 | 324 | -0.018 | 294 | 0.000 | 3750 | 0.000 |
| 2/1/2018 | 2400 | -0.020 | 910 | -0.005 | 318 | -0.019 | 284 | -0.035 | 3800 | 0.013 |
| 2/2/2018 | 2470 | 0.0287 | 905 | -0.006 | 328 | 0.031 | 272 | -0.043 | 3800 | 0.000 |
| 2/5/2018 | 2520 | 0.0200 | 870 | -0.039 | 320 | -0.025 | 310 | 0.131 | 3670 | -0.035 |
| 2/6/2018 | 2450 | -0.028 | 850 | -0.023 | 306 | -0.045 | 300 | -0.033 | 3570 | -0.028 |
| 2/7/2018 | 2450 | 0.0000 | 870 | 0.023 | 302 | -0.013 | 300 | 0.000 | 3710 | 0.038 |
| 2/8/2018 | 2420 | -0.012 | 855 | -0.017 | 314 | 0.039 | 324 | 0.077 | 3630 | -0.022 |
| 2/9/2018 | 2320 | -0.042 | 830 | -0.030 | 300 | -0.046 | 336 | 0.036 | 3500 | -0.036 |
| 2/12/2018 | 2350 | 0.0128 | 855 | 0.030 | 326 | 0.083 | 328 | -0.024 | 3540 | 0.011 |
| 2/13/2018 | 2420 | 0.0294 | 875 | 0.023 | 330 | 0.012 | 322 | -0.018 | 3610 | 0.020 |
| 2/14/2018 | 2440 | 0.0082 | 885 | 0.011 | 324 | -0.018 | 324 | 0.006 | 3630 | 0.006 |
| 2/15/2018 | 2470 | 0.0122 | 910 | 0.028 | 326 | 0.006 | 322 | -0.006 | 3700 | 0.019 |
| 2/16/2018 | 2470 | 0.0000 | 910 | 0.000 | 326 | 0.000 | 322 | 0.000 | 3700 | 0.000 |
| 2/19/2018 | 2490 | 0.0081 | 920 | 0.011 | 332 | 0.018 | 312 | -0.032 | 3680 | -0.005 |
| Date | ADRO | | ANTM | | BUMI | | ESSA | | INCO | |
| Close | Return | Close | Return | Close | Return | Close | Return | Close | Return |
| 2/20/2018 | 2430 | -0.024 | 900 | -0.022 | 328 | -0.012 | 304 | -0.026 | 3590 | -0.025 |
| 2/21/2018 | 2470 | 0.0163 | 910 | 0.011 | 340 | 0.036 | 302 | -0.007 | 3520 | -0.020 |
| 2/22/2018 | 2480 | 0.0040 | 900 | -0.011 | 330 | -0.030 | 296 | -0.020 | 3430 | -0.026 |
| 2/23/2018 | 2480 | 0.0000 | 895 | -0.006 | 324 | -0.018 | 292 | -0.014 | 3350 | -0.024 |
| 2/26/2018 | 2390 | -0.037 | 900 | 0.006 | 318 | -0.019 | 338 | 0.146 | 3440 | 0.027 |
| 2/27/2018 | 2400 | 0.0042 | 945 | 0.049 | 316 | -0.006 | 372 | 0.096 | 3470 | 0.009 |
| 2/28/2018 | 2350 | -0.021 | 955 | 0.011 | 316 | 0.000 | 372 | 0.000 | 3390 | -0.023 |
| 3/1/2018 | 2420 | 0.0299 | 940 | -0.016 | 312 | -0.013 | 380 | 0.021 | 3300 | -0.027 |
| 3/2/2018 | 2310 | -0.046 | 920 | -0.022 | 306 | -0.019 | 366 | -0.038 | 3150 | -0.047 |
| 3/5/2018 | 2320 | 0.0043 | 910 | -0.011 | 306 | 0.000 | 350 | -0.045 | 3140 | -0.003 |
| 3/6/2018 | 2330 | 0.0043 | 905 | -0.006 | 316 | 0.032 | 354 | 0.011 | 3070 | -0.023 |
| 3/7/2018 | 2160 | -0.075 | 885 | -0.022 | 296 | -0.065 | 334 | -0.058 | 3050 | -0.007 |
| 3/8/2018 | 2190 | 0.0138 | 875 | -0.011 | 296 | 0.000 | 328 | -0.018 | 2970 | -0.027 |
| 3/9/2018 | 2170 | -0.009 | 850 | -0.029 | 296 | 0.000 | 334 | 0.018 | 2990 | 0.007 |
| 3/12/2018 | 2220 | 0.0228 | 900 | 0.057 | 298 | 0.007 | 342 | 0.024 | 3180 | 0.062 |
| 3/13/2018 | 2170 | -0.022 | 880 | -0.022 | 292 | -0.020 | 334 | -0.024 | 3110 | -0.022 |
| 3/14/2018 | 2070 | -0.047 | 880 | 0.000 | 280 | -0.042 | 328 | -0.018 | 3150 | 0.013 |
| 3/15/2018 | 2050 | -0.009 | 860 | -0.023 | 276 | -0.014 | 322 | -0.018 | 3130 | -0.006 |
| 3/16/2018 | 2040 | -0.004 | 845 | -0.018 | 284 | 0.029 | 314 | -0.025 | 3060 | -0.023 |
| 3/19/2018 | 2040 | 0.0000 | 820 | -0.030 | 284 | 0.000 | 300 | -0.046 | 2900 | -0.054 |
| 3/20/2018 | 2070 | 0.0146 | 805 | -0.018 | 284 | 0.000 | 296 | -0.013 | 2940 | 0.014 |
| 3/21/2018 | 2040 | -0.014 | 835 | 0.037 | 294 | 0.035 | 308 | 0.040 | 3090 | 0.050 |
| 3/22/2018 | 2020 | -0.009 | 820 | -0.018 | 288 | -0.021 | 306 | -0.007 | 3030 | -0.020 |
| 3/23/2018 | 1995 | -0.012 | 790 | -0.037 | 288 | 0.000 | 292 | -0.047 | 2880 | -0.051 |
| 3/26/2018 | 2030 | 0.0174 | 785 | -0.006 | 286 | -0.007 | 294 | 0.007 | 2830 | -0.018 |
| 3/27/2018 | 2040 | 0.0049 | 775 | -0.013 | 288 | 0.007 | 292 | -0.007 | 2830 | 0.000 |
| 3/28/2018 | 2040 | 0.0000 | 770 | -0.006 | 280 | -0.028 | 314 | 0.073 | 2750 | -0.029 |
| 3/29/2018 | 2130 | 0.0432 | 775 | 0.006 | 286 | 0.021 | 310 | -0.013 | 2790 | 0.014 |
| 3/30/2018 | 2130 | 0.0000 | 775 | 0.000 | 286 | 0.000 | 310 | 0.000 | 2790 | 0.000 |
| 4/2/2018 | 2130 | 0.0000 | 795 | 0.025 | 288 | 0.007 | 310 | 0.000 | 2870 | 0.028 |
| 4/3/2018 | 2120 | -0.004 | 805 | 0.013 | 286 | -0.007 | 342 | 0.098 | 3000 | 0.044 |
| 4/4/2018 | 2040 | -0.038 | 775 | -0.038 | 276 | -0.036 | 332 | -0.030 | 2980 | -0.007 |
| 4/5/2018 | 2020 | -0.009 | 800 | 0.032 | 280 | 0.014 | 330 | -0.006 | 2980 | 0.000 |
| 4/6/2018 | 2030 | 0.0049 | 805 | 0.006 | 278 | -0.007 | 318 | -0.037 | 2950 | -0.010 |
| 4/9/2018 | 2070 | 0.0195 | 850 | 0.054 | 276 | -0.007 | 324 | 0.019 | 3020 | 0.023 |
| 4/10/2018 | 2110 | 0.0191 | 850 | 0.000 | 276 | 0.000 | 324 | 0.000 | 3060 | 0.013 |
| 4/11/2018 | 2140 | 0.0141 | 865 | 0.017 | 282 | 0.022 | 318 | -0.019 | 3120 | 0.019 |
| 4/12/2018 | 2110 | -0.014 | 865 | 0.000 | 278 | -0.014 | 316 | -0.006 | 3100 | -0.006 |
| 4/13/2018 | 2130 | 0.0094 | 880 | 0.017 | 278 | 0.000 | 330 | 0.043 | 3230 | 0.041 |
| 4/16/2018 | 2130 | 0.0000 | 880 | 0.000 | 278 | 0.000 | 330 | 0.000 | 3230 | 0.000 |
| 4/17/2018 | 2130 | 0.0000 | 880 | 0.000 | 278 | 0.000 | 330 | 0.000 | 3230 | 0.000 |
| Date | ADRO | | ANTM | | BUMI | | ESSA | | INCO | |
| Close | Return | Close | Return | Close | Return | Close | Return | Close | Return |
| 4/18/2018 | 2100 | -0.014 | 885 | 0.006 | 278 | 0.000 | 332 | 0.006 | 3380 | 0.045 |
| 4/19/2018 | 2100 | 0.0000 | 885 | 0.000 | 278 | 0.000 | 332 | 0.000 | 3380 | 0.000 |
| 4/20/2018 | 2100 | 0.0000 | 885 | 0.000 | 278 | 0.000 | 332 | 0.000 | 3380 | 0.000 |
| 4/23/2018 | 2260 | 0.0734 | 895 | 0.011 | 270 | -0.029 | 326 | -0.018 | 3550 | 0.049 |
| 4/24/2018 | 2200 | -0.026 | 860 | -0.040 | 262 | -0.030 | 314 | -0.038 | 3430 | -0.034 |
| 4/25/2018 | 2200 | 0.0000 | 860 | 0.000 | 262 | 0.000 | 314 | 0.000 | 3430 | 0.000 |
| 4/26/2018 | 2200 | 0.0000 | 860 | 0.000 | 262 | 0.000 | 314 | 0.000 | 3430 | 0.000 |
| 4/27/2018 | 2200 | 0.0000 | 860 | 0.000 | 262 | 0.000 | 314 | 0.000 | 3430 | 0.000 |
| 4/30/2018 | 1835 | -0.181 | 845 | -0.018 | 240 | -0.088 | 300 | -0.046 | 3160 | -0.082 |
| 5/1/2018 | 1835 | 0.0000 | 845 | 0.000 | 240 | 0.000 | 300 | 0.000 | 3160 | 0.000 |
| 5/2/2018 | 1775 | -0.033 | 865 | 0.023 | 278 | 0.147 | 290 | -0.034 | 3280 | 0.037 |
| 5/3/2018 | 1680 | -0.055 | 840 | -0.029 | 264 | -0.052 | 274 | -0.057 | 3200 | -0.025 |
| 5/4/2018 | 1640 | -0.024 | 830 | -0.012 | 250 | -0.054 | 268 | -0.022 | 3090 | -0.035 |
| 5/7/2018 | 1710 | 0.0418 | 810 | -0.024 | 256 | 0.024 | 272 | 0.015 | 3100 | 0.003 |
| 5/8/2018 | 1625 | -0.051 | 790 | -0.025 | 244 | -0.048 | 262 | -0.037 | 3120 | 0.006 |
| 5/9/2018 | 1700 | 0.0451 | 805 | 0.019 | 242 | -0.008 | 262 | 0.000 | 3120 | 0.000 |
| 5/10/2018 | 1700 | 0.0000 | 805 | 0.000 | 242 | 0.000 | 262 | 0.000 | 3120 | 0.000 |
| 5/11/2018 | 1715 | 0.0088 | 810 | 0.006 | 248 | 0.024 | 250 | -0.047 | 3220 | 0.032 |
| 5/14/2018 | 1675 | -0.023 | 815 | 0.006 | 242 | -0.024 | 256 | 0.024 | 3410 | 0.057 |
| 5/15/2018 | 1715 | 0.0236 | 820 | 0.006 | 254 | 0.048 | 244 | -0.048 | 3500 | 0.026 |
| 5/16/2018 | 1800 | 0.0484 | 810 | -0.012 | 266 | 0.046 | 244 | 0.000 | 3490 | -0.003 |
| 5/17/2018 | 1880 | 0.0435 | 825 | 0.018 | 274 | 0.030 | 248 | 0.016 | 3570 | 0.023 |
| 5/18/2018 | 1905 | 0.0132 | 850 | 0.030 | 266 | -0.030 | 276 | 0.107 | 3690 | 0.033 |
| 5/21/2018 | 1950 | 0.0233 | 880 | 0.035 | 258 | -0.031 | 250 | -0.099 | 3810 | 0.032 |
| 5/22/2018 | 1930 | -0.010 | 845 | -0.041 | 252 | -0.024 | 250 | 0.000 | 3690 | -0.032 |
| 5/23/2018 | 1825 | -0.055 | 845 | 0.000 | 254 | 0.008 | 254 | 0.016 | 3650 | -0.011 |
| 5/24/2018 | 1835 | 0.0055 | 885 | 0.046 | 258 | 0.016 | 264 | 0.039 | 3750 | 0.027 |
| 5/25/2018 | 1830 | -0.002 | 870 | -0.017 | 262 | 0.015 | 268 | 0.015 | 3840 | 0.024 |
| 5/28/2018 | 1820 | -0.005 | 855 | -0.017 | 264 | 0.008 | 260 | -0.030 | 3750 | -0.024 |
| 5/29/2018 | 1820 | 0.0000 | 855 | 0.000 | 264 | 0.000 | 260 | 0.000 | 3750 | 0.000 |
| 5/30/2018 | 1830 | 0.0055 | 850 | -0.006 | 252 | -0.047 | 260 | 0.000 | 3770 | 0.005 |
| 5/31/2018 | 1885 | 0.0296 | 865 | 0.017 | 264 | 0.047 | 258 | -0.008 | 3860 | 0.024 |
| 6/1/2018 | 1885 | 0.0000 | 865 | 0.000 | 264 | 0.000 | 258 | 0.000 | 3860 | 0.000 |
| 6/4/2018 | 1970 | 0.0441 | 880 | 0.017 | 260 | -0.015 | 260 | 0.008 | 3920 | 0.015 |
| 6/5/2018 | 2030 | 0.0300 | 885 | 0.006 | 262 | 0.008 | 268 | 0.030 | 4030 | 0.028 |
| 6/6/2018 | 1985 | -0.022 | 995 | 0.117 | 258 | -0.015 | 316 | 0.165 | 4250 | 0.053 |
| 6/7/2018 | 1990 | 0.0025 | 945 | -0.052 | 260 | 0.008 | 310 | -0.019 | 4170 | -0.019 |
| 6/8/2018 | 1935 | -0.028 | 905 | -0.043 | 262 | 0.008 | 294 | -0.053 | 4220 | 0.012 |
| 6/11/2018 | 1935 | 0 | 905 | 0.000 | 262 | 0.000 | 294 | 0.000 | 4220 | 0.000 |
| 6/12/2018 | 1935 | 0.0000 | 905 | 0.000 | 262 | 0.000 | 294 | 0.000 | 4220 | 0.000 |
| 6/13/2018 | 1935 | 0.0000 | 905 | 0.000 | 262 | 0.000 | 294 | 0.000 | 4220 | 0.000 |
| Date | ADRO | | ANTM | | BUMI | | ESSA | | INCO | |
| Close | Return | Close | Return | Close | Return | Close | Return | Close | Return |
| 6/14/2018 | 1935 | 0.0000 | 905 | 0.000 | 262 | 0.000 | 294 | 0.000 | 4220 | 0.000 |
| 6/15/2018 | 1935 | 0.0000 | 905 | 0.000 | 262 | 0.000 | 294 | 0.000 | 4220 | 0.000 |
| 6/18/2018 | 1935 | 0.0000 | 905 | 0.000 | 262 | 0.000 | 294 | 0.000 | 4220 | 0.000 |
| 6/19/2018 | 1935 | 0.0000 | 905 | 0.000 | 262 | 0.000 | 294 | 0.000 | 4220 | 0.000 |
| 6/20/2018 | 2000 | 0.0330 | 880 | -0.028 | 258 | -0.015 | 288 | -0.021 | 4020 | -0.049 |
| 6/21/2018 | 2010 | 0.0050 | 890 | 0.011 | 254 | -0.016 | 280 | -0.028 | 4030 | 0.002 |
| 6/22/2018 | 1930 | -0.041 | 910 | 0.022 | 246 | -0.032 | 278 | -0.007 | 4090 | 0.015 |
| 6/25/2018 | 1870 | -0.031 | 890 | -0.022 | 236 | -0.041 | 290 | 0.042 | 4170 | 0.019 |
| 6/26/2018 | 1755 | -0.063 | 870 | -0.023 | 224 | -0.052 | 288 | -0.007 | 3990 | -0.044 |
| 6/27/2018 | 1705 | -0.028 | 840 | -0.035 | 208 | -0.074 | 280 | -0.028 | 3960 | -0.008 |
| 6/28/2018 | 1665 | -0.023 | 835 | -0.006 | 200 | -0.039 | 268 | -0.044 | 3840 | -0.031 |
| 6/29/2018 | 1790 | 0.0724 | 890 | 0.064 | 226 | 0.122 | 266 | -0.007 | 4040 | 0.051 |
| 7/2/2018 | 1745 | -0.025 | 820 | -0.082 | 212 | -0.064 | 266 | 0.000 | 4080 | 0.010 |
| 7/3/2018 | 1720 | -0.014 | 800 | -0.025 | 204 | -0.038 | 256 | -0.038 | 4020 | -0.015 |
| 7/4/2018 | 1770 | 0.0287 | 805 | 0.006 | 208 | 0.019 | 252 | -0.016 | 4070 | 0.012 |
| 7/5/2018 | 1825 | 0.0306 | 800 | -0.006 | 214 | 0.028 | 234 | -0.074 | 4180 | 0.027 |
| 7/6/2018 | 1785 | -0.022 | 780 | -0.025 | 212 | -0.009 | 232 | -0.009 | 4060 | -0.029 |
| 7/9/2018 | 1835 | 0.0276 | 800 | 0.025 | 216 | 0.019 | 250 | 0.075 | 4020 | -0.010 |
| 7/10/2018 | 1865 | 0.0162 | 810 | 0.012 | 220 | 0.018 | 256 | 0.024 | 4030 | 0.002 |
| 7/11/2018 | 1900 | 0.0186 | 845 | 0.042 | 226 | 0.027 | 250 | -0.024 | 4280 | 0.060 |
| 7/12/2018 | 1870 | -0.015 | 860 | 0.018 | 230 | 0.018 | 248 | -0.008 | 4200 | -0.019 |
| 7/13/2018 | 1860 | -0.005 | 910 | 0.057 | 228 | -0.009 | 250 | 0.008 | 4500 | 0.069 |
| 7/16/2018 | 1800 | -0.032 | 900 | -0.011 | 228 | 0.000 | 250 | 0.000 | 4480 | -0.004 |
| 7/17/2018 | 1760 | -0.022 | 880 | -0.022 | 222 | -0.027 | 244 | -0.024 | 4350 | -0.029 |
| 7/18/2018 | 1865 | 0.0579 | 885 | 0.006 | 226 | 0.018 | 252 | 0.032 | 4350 | 0.000 |
| 7/19/2018 | 1870 | 0.0027 | 875 | -0.011 | 226 | 0.000 | 248 | -0.016 | 4330 | -0.005 |
| 7/20/2018 | 1825 | -0.024 | 870 | -0.006 | 224 | -0.009 | 246 | -0.008 | 4270 | -0.014 |
| 7/23/2018 | 1800 | -0.013 | 885 | 0.017 | 226 | 0.009 | 244 | -0.008 | 4260 | -0.002 |
| 7/24/2018 | 1800 | 0.0000 | 885 | 0.000 | 244 | 0.077 | 250 | 0.024 | 4260 | 0.000 |
| 7/25/2018 | 1880 | 0.0435 | 880 | -0.006 | 254 | 0.040 | 246 | -0.016 | 4310 | 0.012 |
| 7/26/2018 | 1850 | -0.016 | 890 | 0.011 | 248 | -0.024 | 252 | 0.024 | 4350 | 0.009 |
| 7/27/2018 | 1965 | 0.0603 | 900 | 0.011 | 262 | 0.055 | 264 | 0.047 | 4530 | 0.041 |
| 7/30/2018 | 2090 | 0.0617 | 955 | 0.059 | 268 | 0.023 | 264 | 0.000 | 4660 | 0.028 |
| 7/31/2018 | 1905 | -0.092 | 915 | -0.043 | 260 | -0.030 | 252 | -0.047 | 4370 | -0.064 |
| 8/1/2018 | 1980 | 0.0386 | 940 | 0.027 | 258 | -0.008 | 260 | 0.031 | 4540 | 0.038 |
| 8/2/2018 | 1935 | -0.023 | 915 | -0.027 | 258 | 0.000 | 256 | -0.016 | 4370 | -0.038 |
| 8/3/2018 | 1940 | 0.0026 | 900 | -0.017 | 258 | 0.000 | 258 | 0.008 | 4150 | -0.052 |
| 8/6/2018 | 1960 | 0.0103 | 935 | 0.038 | 260 | 0.008 | 260 | 0.008 | 4220 | 0.017 |
| 8/7/2018 | 1980 | 0.0102 | 925 | -0.011 | 252 | -0.031 | 256 | -0.016 | 4390 | 0.039 |
| 8/8/2018 | 1990 | 0.0050 | 920 | -0.005 | 246 | -0.024 | 250 | -0.024 | 4350 | -0.009 |
| 8/9/2018 | 1935 | -0.028 | 910 | -0.011 | 234 | -0.050 | 246 | -0.016 | 4380 | 0.007 |
| Date | ADRO | | ANTM | | BUMI | | ESSA | | INCO | |
| Close | Return | Close | Return | Close | Return | Close | Return | Close | Return |
| 8/10/2018 | 1910 | -0.013 | 895 | -0.017 | 232 | -0.009 | 246 | 0.000 | 4290 | -0.021 |
| 8/13/2018 | 1830 | -0.042 | 855 | -0.046 | 220 | -0.053 | 226 | -0.085 | 4080 | -0.050 |
| 8/14/2018 | 1800 | -0.016 | 845 | -0.012 | 218 | -0.009 | 228 | 0.009 | 3950 | -0.032 |
| 8/15/2018 | 1855 | 0.0301 | 865 | 0.023 | 222 | 0.018 | 218 | -0.045 | 3980 | 0.008 |
| 8/16/2018 | 1780 | -0.041 | 830 | -0.041 | 218 | -0.018 | 224 | 0.027 | 3790 | -0.049 |
| 8/17/2018 | 1780 | 0.0000 | 830 | 0.000 | 218 | 0.000 | 224 | 0.000 | 3790 | 0.000 |
| 8/20/2018 | 1835 | 0.0304 | 855 | 0.030 | 226 | 0.036 | 232 | 0.035 | 4110 | 0.081 |
| 8/21/2018 | 1880 | 0.0242 | 835 | -0.024 | 224 | -0.009 | 230 | -0.009 | 4020 | -0.022 |
| 8/22/2018 | 1880 | 0.0000 | 835 | 0.000 | 224 | 0.000 | 230 | 0.000 | 4020 | 0.000 |
| 8/23/2018 | 1940 | 0.0314 | 870 | 0.041 | 222 | -0.009 | 226 | -0.018 | 4020 | 0.000 |
| 8/24/2018 | 1910 | -0.015 | 875 | 0.006 | 218 | -0.018 | 226 | 0.000 | 3900 | -0.030 |
| 8/27/2018 | 1895 | -0.007 | 895 | 0.023 | 224 | 0.027 | 226 | 0.000 | 3900 | 0.000 |
| 8/28/2018 | 1910 | 0.0079 | 880 | -0.017 | 222 | -0.009 | 220 | -0.027 | 3910 | 0.003 |
| 8/29/2018 | 1910 | 0 | 875 | -0.006 | 240 | 0.078 | 226 | 0.027 | 3910 | 0.000 |
| 8/30/2018 | 1895 | -0.007 | 865 | -0.011 | 228 | -0.051 | 222 | -0.018 | 3890 | -0.005 |
| 8/31/2018 | 1865 | -0.016 | 870 | 0.006 | 240 | 0.051 | 220 | -0.009 | 3800 | -0.023 |
| 9/3/2018 | 1855 | -0.005 | 830 | -0.047 | 228 | -0.051 | 218 | -0.009 | 3560 | -0.065 |
| 9/4/2018 | 1805 | -0.027 | 805 | -0.031 | 224 | -0.018 | 214 | -0.019 | 3490 | -0.020 |
| 9/5/2018 | 1700 | -0.059 | 775 | -0.038 | 212 | -0.055 | 206 | -0.038 | 3190 | -0.090 |
| 9/6/2018 | 1725 | 0.0146 | 800 | 0.032 | 212 | 0.000 | 210 | 0.019 | 3250 | 0.019 |
| 9/7/2018 | 1730 | 0.0029 | 795 | -0.006 | 210 | -0.009 | 262 | 0.221 | 3220 | -0.009 |
| 9/10/2018 | 1735 | 0.0029 | 795 | 0.000 | 214 | 0.019 | 240 | -0.088 | 3350 | 0.040 |
| 9/11/2018 | 1735 | 0.0000 | 795 | 0.000 | 214 | 0.000 | 240 | 0.000 | 3350 | 0.000 |
| 9/12/2018 | 1760 | 0.0143 | 780 | -0.019 | 222 | 0.037 | 236 | -0.017 | 3330 | -0.006 |
| 9/13/2018 | 1735 | -0.014 | 805 | 0.032 | 224 | 0.009 | 274 | 0.149 | 3450 | 0.035 |
| 9/14/2018 | 1740 | 0.0029 | 800 | -0.006 | 224 | 0.000 | 268 | -0.022 | 3390 | -0.018 |
| 9/17/2018 | 1715 | -0.014 | 790 | -0.013 | 220 | -0.018 | 280 | 0.044 | 3250 | -0.042 |
| 9/18/2018 | 1750 | 0.0202 | 790 | 0.000 | 222 | 0.009 | 278 | -0.007 | 3200 | -0.016 |
| 9/19/2018 | 1740 | -0.005 | 790 | 0.000 | 222 | 0.000 | 284 | 0.021 | 3330 | 0.040 |
| 9/20/2018 | 1805 | 0.0367 | 795 | 0.006 | 224 | 0.009 | 278 | -0.021 | 3500 | 0.050 |
| 9/21/2018 | 1880 | 0.0407 | 820 | 0.031 | 222 | -0.009 | 276 | -0.007 | 3660 | 0.045 |
| 9/24/2018 | 1820 | -0.032 | 800 | -0.025 | 220 | -0.009 | 266 | -0.037 | 3590 | -0.019 |
| 9/25/2018 | 1815 | -0.002 | 805 | 0.006 | 222 | 0.009 | 280 | 0.051 | 3640 | 0.014 |
| 9/26/2018 | 1815 | 0.0000 | 805 | 0.000 | 218 | -0.018 | 280 | 0.000 | 3690 | 0.014 |
| 9/27/2018 | 1825 | 0.0055 | 835 | 0.037 | 214 | -0.019 | 276 | -0.014 | 3700 | 0.003 |
| 9/28/2018 | 1835 | 0.0055 | 845 | 0.012 | 216 | 0.009 | 270 | -0.022 | 3710 | 0.003 |
| 10/1/2018 | 1840 | 0.0027 | 825 | -0.024 | 216 | 0.000 | 276 | 0.022 | 3600 | -0.030 |
| 10/2/2018 | 1845 | 0.0027 | 795 | -0.037 | 208 | -0.038 | 272 | -0.015 | 3450 | -0.043 |
| 10/3/2018 | 1865 | 0.0108 | 810 | 0.019 | 208 | 0.000 | 312 | 0.137 | 3400 | -0.015 |
| 10/4/2018 | 1825 | -0.021 | 800 | -0.012 | 202 | -0.029 | 306 | -0.019 | 3420 | 0.006 |
| 10/5/2018 | 1810 | -0.008 | 800 | 0.000 | 200 | -0.010 | 310 | 0.013 | 3540 | 0.034 |
| Date | ADRO | | ANTM | | BUMI | | ESSA | | INCO | |
| Close | Return | Close | Return | Close | Return | Close | Return | Close | Return |
| 10/8/2018 | 1750 | -0.033 | 810 | 0.012 | 198 | -0.010 | 322 | 0.038 | 3450 | -0.026 |
| 10/9/2018 | 1730 | -0.011 | 810 | 0.000 | 200 | 0.010 | 318 | -0.013 | 3400 | -0.015 |
| 10/10/2018 | 1780 | 0.0285 | 820 | 0.012 | 200 | 0.000 | 318 | 0.000 | 3530 | 0.038 |
| 10/11/2018 | 1720 | -0.034 | 785 | -0.044 | 188 | -0.062 | 294 | -0.078 | 3360 | -0.049 |
| 10/12/2018 | 1710 | -0.005 | 795 | 0.013 | 190 | 0.011 | 308 | 0.047 | 3360 | 0.000 |
| 10/15/2018 | 1675 | -0.020 | 765 | -0.038 | 178 | -0.065 | 322 | 0.044 | 3250 | -0.033 |
| 10/16/2018 | 1750 | 0.0438 | 760 | -0.007 | 179 | 0.006 | 328 | 0.018 | 3140 | -0.034 |
| 10/17/2018 | 1760 | 0.0057 | 780 | 0.026 | 182 | 0.017 | 322 | -0.018 | 3260 | 0.038 |
| 10/18/2018 | 1730 | -0.017 | 765 | -0.019 | 177 | -0.028 | 322 | 0.000 | 3200 | -0.019 |
| 10/19/2018 | 1700 | -0.017 | 765 | 0.000 | 177 | 0.000 | 312 | -0.032 | 3190 | -0.003 |
| 10/22/2018 | 1730 | 0.0175 | 765 | 0.000 | 174 | -0.017 | 314 | 0.006 | 3210 | 0.006 |
| 10/23/2018 | 1700 | -0.017 | 755 | -0.013 | 170 | -0.023 | 306 | -0.026 | 3150 | -0.019 |
| 10/24/2018 | 1670 | -0.017 | 740 | -0.020 | 173 | 0.017 | 306 | 0.000 | 3070 | -0.026 |
| 10/25/2018 | 1650 | -0.012 | 720 | -0.027 | 172 | -0.006 | 306 | 0.000 | 3030 | -0.013 |
| 10/26/2018 | 1725 | 0.0445 | 725 | 0.007 | 172 | 0.000 | 304 | -0.007 | 2990 | -0.013 |
| 10/29/2018 | 1665 | -0.035 | 705 | -0.028 | 167 | -0.030 | 294 | -0.033 | 2880 | -0.037 |
| 10/30/2018 | 1650 | -0.009 | 675 | -0.043 | 164 | -0.018 | 288 | -0.021 | 2830 | -0.018 |
| 10/31/2018 | 1650 | 0.0000 | 680 | 0.007 | 169 | 0.030 | 300 | 0.041 | 2920 | 0.031 |
| 11/1/2018 | 1645 | -0.00 | 685 | 0.007 | 167 | -0.012 | 302 | 0.007 | 3060 | 0.047 |
| 11/2/2018 | 1585 | -0.037 | 695 | 0.014 | 165 | -0.012 | 316 | 0.045 | 3240 | 0.057 |
| 11/5/2018 | 1575 | -0.006 | 690 | -0.007 | 165 | 0.000 | 310 | -0.019 | 3160 | -0.025 |
| 11/6/2018 | 1630 | 0.0343 | 680 | -0.015 | 166 | 0.006 | 318 | 0.025 | 3160 | 0.000 |
| 11/7/2018 | 1595 | -0.021 | 695 | 0.022 | 169 | 0.018 | 322 | 0.013 | 3210 | 0.016 |
| 11/8/2018 | 1610 | 0.0094 | 710 | 0.021 | 190 | 0.117 | 312 | -0.032 | 3290 | 0.025 |
| 11/9/2018 | 1580 | -0.018 | 700 | -0.014 | 182 | -0.043 | 312 | 0.000 | 3300 | 0.003 |
| 11/12/2018 | 1510 | -0.045 | 685 | -0.022 | 180 | -0.011 | 308 | -0.013 | 3250 | -0.015 |
| 11/13/2018 | 1515 | 0.0033 | 690 | 0.007 | 175 | -0.028 | 304 | -0.013 | 3250 | 0.000 |
| 11/14/2018 | 1565 | 0.0325 | 670 | -0.029 | 166 | -0.053 | 298 | -0.020 | 3100 | -0.047 |
| 11/15/2018 | 1555 | -0.006 | 670 | 0.000 | 166 | 0.000 | 304 | 0.020 | 3150 | 0.016 |
| 11/16/2018 | 1545 | -0.006 | 680 | 0.015 | 171 | 0.030 | 288 | -0.054 | 3280 | 0.040 |
| 11/19/2018 | 1485 | -0.039 | 675 | -0.007 | 164 | -0.042 | 290 | 0.007 | 3140 | -0.044 |
| 11/20/2018 | 1485 | 0 | 675 | 0.000 | 164 | 0.000 | 290 | 0.000 | 3140 | 0.000 |
| 11/21/2018 | 1310 | -0.125 | 645 | -0.045 | 154 | -0.063 | 272 | -0.064 | 2950 | -0.062 |
| 11/22/2018 | 1285 | -0.019 | 625 | -0.031 | 153 | -0.007 | 258 | -0.053 | 2880 | -0.024 |
| 11/23/2018 | 1295 | 0.0078 | 625 | 0.000 | 151 | -0.013 | 264 | 0.023 | 2890 | 0.003 |
| 11/26/2018 | 1275 | -0.015 | 605 | -0.033 | 135 | -0.112 | 254 | -0.039 | 2820 | -0.025 |
| 11/27/2018 | 1220 | -0.044 | 595 | -0.017 | 130 | -0.038 | 246 | -0.032 | 2750 | -0.025 |
| 11/28/2018 | 1255 | 0.0283 | 600 | 0.008 | 126 | -0.031 | 248 | 0.008 | 2760 | 0.004 |
| 11/29/2018 | 1280 | 0.0197 | 625 | 0.041 | 129 | 0.024 | 242 | -0.024 | 2980 | 0.077 |
| 11/30/2018 | 1285 | 0.0039 | 615 | -0.016 | 130 | 0.008 | 234 | -0.034 | 3030 | 0.017 |
| 12/3/2018 | 1305 | 0.0154 | 735 | 0.178 | 135 | 0.038 | 256 | 0.090 | 3330 | 0.094 |
| Date | ADRO | | ANTM | | BUMI | | ESSA | | INCO | |
| Close | Return | Close | Return | Close | Return | Close | Return | Close | Return |
| 12/4/2018 | 1300 | -0.003 | 710 | -0.035 | 140 | 0.036 | 250 | -0.024 | 3260 | -0.021 |
| 12/5/2018 | 1285 | -0.012 | 740 | 0.041 | 136 | -0.029 | 254 | 0.016 | 3180 | -0.025 |
| 12/6/2018 | 1295 | 0.0078 | 735 | -0.007 | 131 | -0.037 | 252 | -0.008 | 3070 | -0.035 |
| 12/7/2018 | 1300 | 0.0039 | 725 | -0.014 | 130 | -0.008 | 254 | 0.008 | 3080 | 0.003 |
| 12/10/2018 | 1310 | 0.0077 | 720 | -0.007 | 128 | -0.016 | 262 | 0.031 | 3090 | 0.003 |
| 12/11/2018 | 1285 | -0.019 | 755 | 0.047 | 128 | 0.000 | 272 | 0.037 | 3070 | -0.006 |
| 12/12/2018 | 1255 | -0.023 | 755 | 0.000 | 128 | 0.000 | 314 | 0.144 | 3040 | -0.010 |
| 12/13/2018 | 1280 | 0.0197 | 765 | 0.013 | 130 | 0.016 | 320 | 0.019 | 3170 | 0.042 |
| 12/14/2018 | 1285 | 0.0039 | 755 | -0.013 | 129 | -0.008 | 318 | -0.006 | 3080 | -0.029 |
| 12/17/2018 | 1280 | -0.003 | 730 | -0.034 | 126 | -0.024 | 338 | 0.061 | 3030 | -0.016 |
| 12/18/2018 | 1240 | -0.031 | 750 | 0.027 | 123 | -0.024 | 354 | 0.046 | 3040 | 0.003 |
| 12/19/2018 | 1245 | 0.0040 | 760 | 0.013 | 120 | -0.025 | 342 | -0.034 | 3170 | 0.042 |
| 12/20/2018 | 1255 | 0.008 | 765 | 0.007 | 115 | -0.043 | 340 | -0.006 | 3170 | 0.000 |
| 12/21/2018 | 1250 | -0.004 | 770 | 0.007 | 113 | -0.018 | 326 | -0.042 | 3150 | -0.006 |
| 12/24/2018 | 1250 | 0 | 770 | 0.000 | 113 | 0.000 | 326 | 0.000 | 3150 | 0.000 |
| 12/25/2018 | 1250 | 0 | 770 | 0.000 | 113 | 0.000 | 326 | 0.000 | 3150 | 0.000 |
| 12/26/2018 | 1220 | -0.024 | 770 | 0.000 | 104 | -0.083 | 300 | -0.083 | 3110 | -0.013 |
| 12/27/2018 | 1240 | 0.0163 | 770 | 0.000 | 104 | 0.000 | 316 | 0.052 | 3230 | 0.038 |
| 12/28/2018 | 1215 | -0.020 | 765 | -0.007 | 103 | -0.010 | 322 | 0.019 | 3260 | 0.009 |
| 12/31/2018 | 1215 | 0.0000 | 765 | 0.000 | 103 | 0.000 | 322 | 0.000 | 3260 | 0.000 |
| 1/1/2019 | 1215 | 0.0000 | 765 | 0.000 | 103 | 0.000 | 322 | 0.000 | 3260 | 0.000 |
| 1/2/2019 | 1225 | 0.0082 | 740 | -0.033 | 102 | -0.010 | 314 | -0.025 | 3160 | -0.031 |
| 1/3/2019 | 1230 | 0.0041 | 750 | 0.013 | 117 | 0.137 | 336 | 0.068 | 3070 | -0.029 |
| 1/4/2019 | 1390 | 0.1223 | 760 | 0.013 | 131 | 0.113 | 330 | -0.018 | 3130 | 0.019 |
| 1/7/2019 | 1390 | 0.0000 | 770 | 0.013 | 137 | 0.045 | 330 | 0.000 | 3260 | 0.041 |
| 1/8/2019 | 1410 | 0.0143 | 760 | -0.013 | 138 | 0.007 | 328 | -0.006 | 3250 | -0.003 |
| 1/9/2019 | 1395 | -0.010 | 780 | 0.026 | 142 | 0.029 | 322 | -0.018 | 3270 | 0.006 |
| 1/10/2019 | 1405 | 0.0071 | 790 | 0.013 | 146 | 0.028 | 320 | -0.006 | 3440 | 0.051 |
| 1/11/2019 | 1405 | 0.0000 | 790 | 0.000 | 152 | 0.040 | 330 | 0.031 | 3440 | 0.000 |
| 1/14/2019 | 1410 | 0.0036 | 780 | -0.013 | 150 | -0.013 | 356 | 0.076 | 3390 | -0.015 |
| 1/15/2019 | 1460 | 0.0348 | 820 | 0.050 | 153 | 0.020 | 356 | 0.000 | 3490 | 0.029 |
| 1/16/2019 | 1460 | 0 | 870 | 0.059 | 159 | 0.038 | 350 | -0.017 | 3700 | 0.058 |
| 1/17/2019 | 1460 | 0 | 845 | -0.029 | 164 | 0.031 | 356 | 0.017 | 3640 | -0.016 |
| 1/18/2019 | 1485 | 0.0170 | 850 | 0.006 | 174 | 0.059 | 356 | 0.000 | 3700 | 0.016 |
| 1/21/2019 | 1470 | -0.01 | 855 | 0.006 | 174 | 0.000 | 376 | 0.055 | 3740 | 0.011 |
| 1/22/2019 | 1410 | -0.041 | 830 | -0.030 | 167 | -0.041 | 392 | 0.042 | 3650 | -0.024 |
| 1/23/2019 | 1380 | -0.021 | 860 | 0.036 | 180 | 0.075 | 386 | -0.015 | 3570 | -0.022 |
| 1/24/2019 | 1380 | 0.0000 | 895 | 0.040 | 179 | -0.006 | 408 | 0.055 | 3530 | -0.011 |
| 1/25/2019 | 1395 | 0.0108 | 930 | 0.038 | 172 | -0.040 | 398 | -0.025 | 3640 | 0.031 |
| 1/28/2019 | 1390 | -0.003 | 910 | -0.022 | 172 | 0.000 | 394 | -0.010 | 3550 | -0.025 |
| 1/29/2019 | 1340 | -0.036 | 920 | 0.011 | 167 | -0.030 | 392 | -0.005 | 3540 | -0.003 |
| Date | ADRO | | ANTM | | BUMI | | ESSA | | INCO | |
| Close | Return | Close | Return | Close | Return | Close | Return | Close | Return |
| 1/30/2019 | 1350 | 0.0074 | 950 | 0.032 | 161 | -0.037 | 412 | 0.050 | 3720 | 0.050 |
| 1/31/2019 | 1390 | 0.0292 | 965 | 0.016 | 168 | 0.043 | 406 | -0.015 | 3850 | 0.034 |