

Marcellus Shale Impact Fee Revenue Estimate ¹

| 2010 | | | |
|-------------------|--------------------------------------------|-----------------|----------------------|
| Well Life (Years) | Well Fee Based on Average Production/Price | Number of Wells | Total Fee |
| 1 | \$ 25,000 | 1200 | \$ 30,000,000 |
| 2 | \$ 20,000 | 600 | \$ 12,000,000 |
| 3 | \$ 20,000 | 150 | \$ 3,000,000 |
| 4 | \$ 15,000 | 25 | \$ 375,000 |
| 5 | \$ 15,000 | 5 | \$ 75,000 |
| 6 | \$ 15,000 | 0 | \$ - |
| 7 | \$ 15,000 | 0 | \$ - |
| 8 | \$ 15,000 | 0 | \$ - |
| 9 | \$ 10,000 | 0 | \$ - |
| 10 | \$ 10,000 | 0 | \$ - |
| | | | \$ 45,450,000 |

| 2011 | | | |
|-------------------|--------------------------------------------|-----------------|----------------------|
| Well Life (Years) | Well Fee Based on Average Production/Price | Number of Wells | Total Fee |
| 1 | \$ 25,000 | 1500 | \$ 37,500,000 |
| 2 | \$ 20,000 | 1200 | \$ 24,000,000 |
| 3 | \$ 20,000 | 600 | \$ 12,000,000 |
| 4 | \$ 15,000 | 150 | \$ 2,250,000 |
| 5 | \$ 15,000 | 25 | \$ 375,000 |
| 6 | \$ 15,000 | 5 | \$ 75,000 |
| 7 | \$ 15,000 | 0 | \$ - |
| 8 | \$ 15,000 | 0 | \$ - |
| 9 | \$ 10,000 | 0 | \$ - |
| 10 | \$ 10,000 | 0 | \$ - |
| | | | \$ 76,200,000 |

| 2012 | | | |
|-------------------|--------------------------------------------|-----------------|-----------------------|
| Well Life (Years) | Well Fee Based on Average Production/Price | Number of Wells | Total Fee |
| 1 | \$ 25,000 | 1500 | \$ 37,500,000 |
| 2 | \$ 20,000 | 1500 | \$ 30,000,000 |
| 3 | \$ 20,000 | 1200 | \$ 24,000,000 |
| 4 | \$ 15,000 | 600 | \$ 9,000,000 |
| 5 | \$ 15,000 | 150 | \$ 2,250,000 |
| 6 | \$ 15,000 | 25 | \$ 375,000 |
| 7 | \$ 15,000 | 5 | \$ 75,000 |
| 8 | \$ 15,000 | 0 | \$ - |
| 9 | \$ 10,000 | 0 | \$ - |
| 10 | \$ 10,000 | 0 | \$ - |
| | | 1500 | \$ 103,200,000 |

| 2013 | | | |
|-------------------|--------------------------------------------|-----------------|-----------------------|
| Well Life (Years) | Well Fee Based on Average Production/Price | Number of Wells | Total Fee |
| 1 | \$ 25,000 | 1500 | \$ 37,500,000 |
| 2 | \$ 20,000 | 1500 | \$ 30,000,000 |
| 3 | \$ 20,000 | 1500 | \$ 30,000,000 |
| 4 | \$ 15,000 | 1200 | \$ 18,000,000 |
| 5 | \$ 15,000 | 600 | \$ 9,000,000 |
| 6 | \$ 15,000 | 150 | \$ 2,250,000 |
| 7 | \$ 15,000 | 25 | \$ 375,000 |
| 8 | \$ 15,000 | 5 | \$ 75,000 |
| 9 | \$ 10,000 | 0 | \$ - |
| 10 | \$ 10,000 | 0 | \$ - |
| | | | \$ 127,200,000 |

| 2014 | | | |
|-------------------|--------------------------------------------|-----------------|-----------------------|
| Well Life (Years) | Well Fee Based on Average Production/Price | Number of Wells | Total Fee |
| 1 | \$ 25,000 | 1500 | \$ 37,500,000 |
| 2 | \$ 20,000 | 1500 | \$ 30,000,000 |
| 3 | \$ 20,000 | 1500 | \$ 30,000,000 |
| 4 | \$ 15,000 | 1500 | \$ 22,500,000 |
| 5 | \$ 15,000 | 1200 | \$ 18,000,000 |
| 6 | \$ 15,000 | 600 | \$ 9,000,000 |
| 7 | \$ 15,000 | 150 | \$ 2,250,000 |
| 8 | \$ 15,000 | 25 | \$ 375,000 |
| 9 | \$ 10,000 | 5 | \$ 50,000 |
| 10 | \$ 10,000 | 0 | \$ - |
| | | | \$ 149,675,000 |

| 2015 | | | |
|-------------------|--------------------------------------------|-----------------|-----------------------|
| Well Life (Years) | Well Fee Based on Average Production/Price | Number of Wells | Total Fee |
| 1 | \$ 25,000 | 1500 | \$ 37,500,000 |
| 2 | \$ 20,000 | 1500 | \$ 30,000,000 |
| 3 | \$ 20,000 | 1500 | \$ 30,000,000 |
| 4 | \$ 15,000 | 1500 | \$ 22,500,000 |
| 5 | \$ 15,000 | 1500 | \$ 22,500,000 |
| 6 | \$ 15,000 | 1200 | \$ 18,000,000 |
| 7 | \$ 15,000 | 600 | \$ 9,000,000 |
| 8 | \$ 15,000 | 150 | \$ 2,250,000 |
| 9 | \$ 10,000 | 25 | \$ 250,000 |
| 10 | \$ 10,000 | 5 | \$ 50,000 |
| | | | \$ 172,050,000 |

| Estimated Severance Tax Receipts Using Arkansas Tax Model (\$ millions) | | | | | |
|-------------------------------------------------------------------------|--------|--------|--------|---------|---------|
| Assumed Gas Price = \$4.28/Mcf | | | | | |
| 2010 | 2011 | 2012 | 2013 | 2014 | 2015 |
| \$25.6 | \$38.3 | \$56.8 | \$83.9 | \$109.9 | \$140.2 |

Note:
¹ The Impact Fee revenue estimate is based upon a conservative model utilizing an estimated ultimate recovery (EUR) factor of 3.8 billion cubic feet (bcf) of gas per well. Recent projections suggest that the EUR from a typical Marcellus Shale gas well may exceed 5.0 bcf. To the extent that the increased EUR projections hold true, the revenue estimates shown here may be significantly understated.