

As Prepared by The Ohio Oil and
Gas Association and Energy In Depth

A 2017 Report

OHIO'S OIL AND GAS INDUSTRY PROPERTY TAX PAYMENTS

THE UTICA SHALE LOCAL SUPPORT SERIES

A large silhouette of an oil rig is positioned vertically on the left side of the page, extending from the bottom to the top. The rig is a complex structure of metal beams and cables, with a platform at the top. The background is a gradient of orange and yellow, suggesting a sunset or sunrise.

Senior
Centers
Law Enforcement **Cities** taxes
Local School Funding
INFRASTRUCTURE
consumer **JOBS** townships
savings villages
AFFORDABLE energy
economic
development
Roads & Bridges

EXECUTIVE SUMMARY

Oil and natural gas production have been key drivers of Ohio's economy, particularly since 2011. With the advent of shale gas development, made possible by technologies like hydraulic fracturing and horizontal drilling, Ohio has seen financial benefits across numerous sectors of the economy. Utica Shale development has provided a much-needed boost to two regions of the state that have needed it the most — eastern and southeastern Ohio.

In this report, we examine multiple ways in which oil and natural gas production benefits Ohio schools, counties, townships, cities, villages and other vital local services directly through real estate property taxes paid on production of oil and natural gas. In total, the oil and natural gas industry has contributed over **\$43 million** to six Ohio counties from 2010 to 2015 from this tax alone. This report is designed to serve as a resource to help the public better understand the significance of this new revenue, as well as how it is calculated, collected, and disbursed. As Nick Homrighausen, Executive Director of Community & Economic Development, Harrison County, Ohio recently noted:

“This real estate property tax will greatly benefit not only our region, but directly Harrison County, by helping to reduce the cost of the current county levies on our residents. As written the ad valorem law provides a certain percentage of the collections and gives it to those entities taxed. I am encouraged by the potential collections as we move forward into the future as the oil and gas play continues to grow in our area.”

Key Findings for Ohio Shale Counties:

Total Property Tax Paid (2011-2015)	\$43 Million
Projected Property Taxes to Be Paid (2016-2026)	\$200-\$250 Million
Amount of Property Tax Directly Paid To Local Governments/Schools	100 Percent
Percent of Property Tax Collections to Ohio Local Schools	60-70 Percent

Ohio's oil and natural gas operators support local communities and state government directly through various means: **Road Use Maintenance (RUMA)** agreements¹, **sales taxes**², **commercial activity tax**³, **severance tax**⁴, income tax, fuel use tax, and **property taxes** paid on oil and natural gas production.⁵ While this real estate property tax — or ad valorem tax — for wells is not new, a **35-fold**⁶ increase in production from shale has resulted in a dramatic increase in property tax revenue historically paid from conventional oil and natural gas production. Shale counties that have realized this surge in real estate property tax from wells and added (on average) a 22 percent boost to receipts from all real estate property taxes.

¹ “Ohio Attorney General Issues Guidance on Road Use Maintenance Agreements,” Oil and Gas Law Report (November 2012). Appendix

² “5739.02 Levy of sales tax — purpose — rate — exemptions,” LawWriter Ohio Laws and Rules. Appendix

³ “Shale Oil and Gas Payments Are Subject to Ohio Commercial Activity Tax,” Ohioline — Ohio State University Extension. Appendix

⁴ “Severance Tax,” taxohio.gov. Appendix

⁵ Ohio Department of Taxation. Appendix

Ohio oil and natural gas well production is assessed and taxed as real estate, similar to property taxes paid on a residential home. All of the revenue collected from this tax goes directly to support the areas where the oil and natural gas is produced: counties, villages, townships, cities, and most importantly, local schools.

This report takes a closer look at property tax data from six counties: Belmont, Carroll, Guernsey, Harrison, Monroe and Noble for the Fiscal Years 2010-2015, as well as the tax levy coming from oil and natural gas production as reported to the **Ohio Department of Natural Resources (ODNR) from 2011-2013**.⁶ Other counties, such as Columbiana, Jefferson, Knox, Mahoning, Portage, Tuscarawas, and Wayne all have reported production of horizontal drilling from 2011-2013; however the aforementioned six counties represent those in which the largest percentage of production has occurred from 2011-2013 .

We find that the oil and natural gas production generated over **\$43 million** in property tax revenue for local schools and governments for these six counties from FY 2010-2015, with **95 percent**⁶ of property tax revenue generated directly from horizontal well production. This recent surge in tax revenue was based upon oil and natural gas production from Utica Shale wells producing in 2011, 2012 and 2013. This is significant to note, as **oil production** increased by 496 percent from 2013 to 2015 and **natural gas production** increased 852 percent during that timeframe. **Therefore, it is reasonable to project that local communities in shale producing counties will realize \$200-\$250 million from real estate property tax on wells over the course of 10 years (2016-2026).**

Most importantly, of the six counties analyzed, none have a sprawling metropolitan area, such as Cleveland, Columbus or Cincinnati, and most of these regions have struggled for years to attract new investment. Oil and natural gas has provided a lifeline to local economies in these counties, helping not only to provide jobs for families, but also a critical source of new revenue for local governments and schools that would not have otherwise been available.

Real Estate Property Taxes (Ad Valorem) On Oil & Gas Reserves

Ohio's oil and gas industry dates back to 1814, when the **Thorla Mckee well**⁷ in Noble County became the first producing well in North America. According to the **U.S. Energy Information Administration (EIA)**, Ohio ranks **13th** in the country in overall energy production, **14th** in crude oil production and **9th** in natural gas production.⁸ Ohio is considered part of the **Appalachian Basin** along with Pennsylvania and West Virginia. There are currently **1,472** Utica-Point Pleasant horizontal wells producing in Ohio.⁹

Ohio's real estate tax is the state's oldest tax, dating back to **1825**¹⁰. **The Ohio Revised Code ("R.C.") 5713.05** and **5713.06** include provisions that stipulate oil and natural gas wells, or the value of any right to such minerals are assessed and taxed as real property.¹¹ So just as a home is assessed and taxed as real

⁶ "Oil & Gas Well Production", Ohio Department of Natural Resources (2017)

⁷ "First Oil Well in North America," Roadside America.com

⁸ U.S. Energy Information Administration – State Rankings, <https://www.eia.gov/state/rankings/#/series/47>

⁹ Ohio Department of Natural Resources.

¹⁰ Ohio Department of Taxation.

¹¹ Ohio Revised Code ("RCR"), Title [3] III Counties, Chapter 323: Collection of Taxes, 5713.05 and 5713.06, Sections LAWriter Ohio Laws and Rules.

property, minerals developed from exploration and production are assessed and taxed as well.

Statutory documents outline the components used by the Ohio Department of Taxation to value oil and natural gas deposits. The Ohio Department of Taxation Tax Commissioner calculated a uniform formula for the valuation of oil and gas, and the Tax Commissioner determines the taxable value for production. For example, most recently, the [Tax Commissioner determined for tax year 2016](#) that production be valued according to the following schedule:¹²

All Grades of Oil	Taxable Value
Average Daily Production: one barrel or more	\$5,310 per barrel per day
Average Daily Production: less than one barrel	\$3,190 per barrel per day
Natural Gas	Taxable Value
Average Daily Production: eight MCF or more	\$220 per MCF per day
Average Daily Production: less than eight MCF	\$110 per MCF per day

The Ohio Department of Taxation works in conjunction with the Ohio Department of Natural Resources to prepare the taxable values of oil and gas. Due to the nature of horizontal drilling, laterals may run through various tax districts, which has led to new reforms to address ways to streamline the process.

The Ohio Department of Taxation, together with the Ohio Department of Natural Resources, the Ohio County Auditors Association and others [recently developed](#) a formula and computer program which utilizes a sophisticated mapping system to determine the length of the horizontal well pipe in each tax district.¹³ The taxable values are then returned to the county auditors for use in preparation of the tax list. The county treasurer is given a duplicate copy of information and is charged with printing the tax bills and collecting all the payments. However, it is the county auditor who apportions the collection by individual tax levy back to the tax district. This entire process is conducted over an 18- to 24-month time period as property taxes are billed and paid in the rears and collected twice a year. Therefore, a horizontal well producing oil and natural gas in 2011 will not show a payment for that well's production until 2013.

All taxes collected from Ohio oil and gas production [stay at the local level](#).¹⁴ Voters determine the tax rates after the first 10 mills (or one dollar per every thousand dollars of assessed value), with [60-70 percent](#) of property taxes going directly to schools. The remainder of the taxes goes to townships, cities, villages, libraries, vocational schools, special districts and the county itself, depending on the levies passed by local voters. Similar to residential property taxes, real property tax paid on oil and natural gas production works the same way as it relates to apportionment considerations.

Utica Shale horizontal wells started producing oil and natural gas in [2011](#).¹⁵ From 2011 to 2015, production from oil and natural gas has reached [record highs](#), with oil climbing at an annual rate of 366

¹² Ohio Department of Taxation: Administrative Journal Entry (April 2016).

¹³ "Ohio Alters Oil, Natural Gas Reserves Taxation," NGI's Shale Daily (September 2016)

¹⁴ Ohio Department of Taxation.

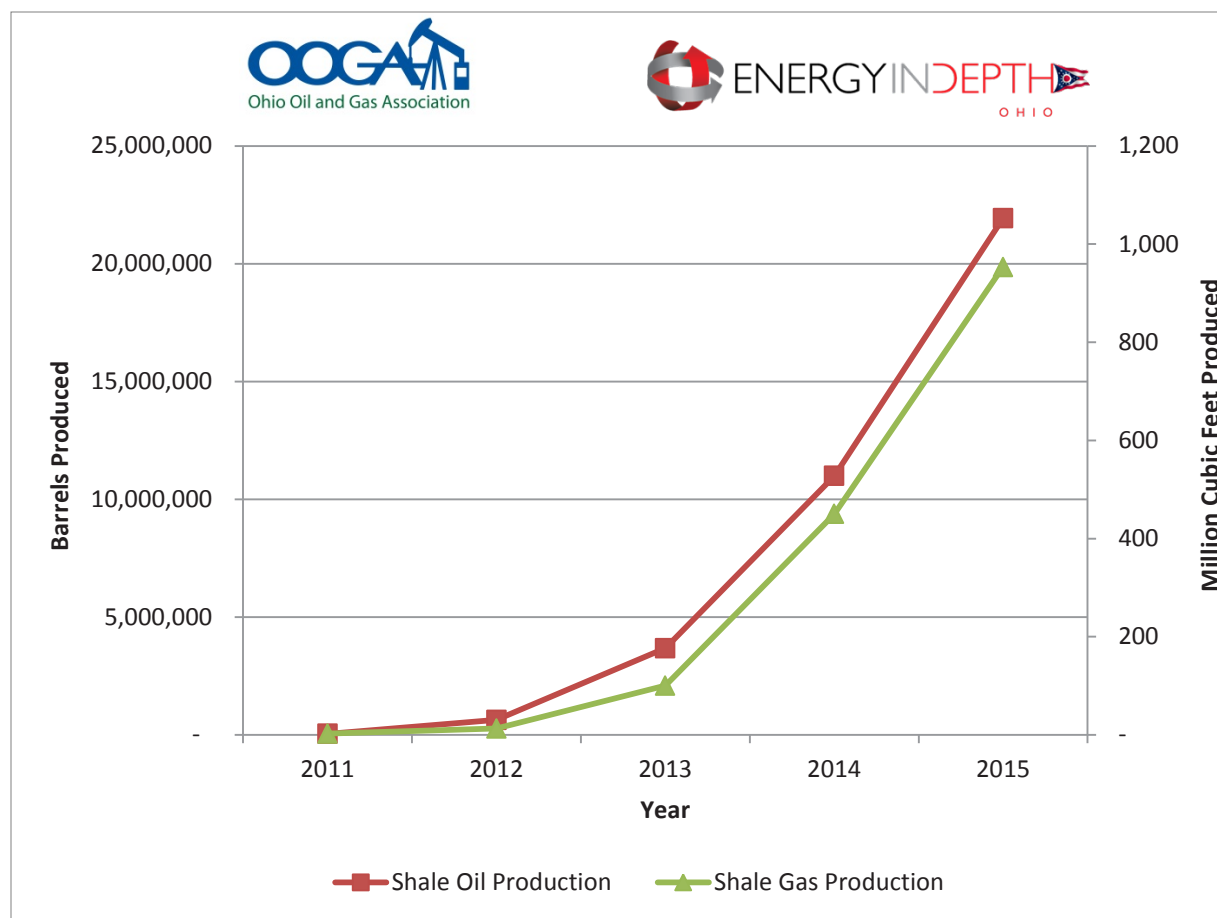
¹⁵ "Chesapeake Energy: First wells drilled in Utica shale are 'very strong'" The Columbus Dispatch (September 2011).

percent and natural gas climbing at an annual rate of 339 percent over a four-year period.¹⁶

“The Utica Shale has contributed to the rapid increase in natural gas production in Ohio, which was more than 12 times greater in 2015 than 2011.”



U.S. Energy Information Administration



Source: Ohio Department of Natural Resources Department of Oil & Gas Resources (<http://oilandgas.ohiodnr.gov/shale>)

For proper perspective, there were only **nine unconventional wells** put into production in 2011 (just five of which were noteworthy and three of which were in production more than 100 days). Of the nine producing wells, only two counties — Carroll and Harrison — realized real production from horizontal wells.¹⁷ See *Appendix A*

In September 2012, the United States Geological Survey (USGS) published an **“Assessment of Undiscovered Oil and Gas Resources of the Ordovician Utica Shale of the Appalachian Basin Province, 2012,”**¹⁸ and as operators determined where the best minerals were to be found, it’s not surprising that

¹⁶ Ohio Department of Natural Resources Division of Oil and Gas Resources.

¹⁷ Ohio Department of Natural Resources Division of Oil and Gas Resources.

¹⁸ “Assessment of Undiscovered Oil and Gas Resources of the Ordovician Utica Shale of the Appalachian Basin Province,” United States Geological Survey (2012)

more exploration and production occurred that year, with the geographic footprint expanding beyond Carroll and Harrison counties into other regions,. In 2012, Ohio reported **85 wells** in production with 36 producing for 100 days or more. Carroll County continued to have the most production, but was joined by new counties that showed signs of promise, such as Belmont, Harrison, Monroe, Noble and Guernsey counties. Ohio oil and natural gas production hit record high in 2012, with natural gas climbing by over 400 percent year-over-year and oil production jumping 635,876 barrels year-over-year. Real estate property taxes on this record-breaking production were paid in FY 2014. *See Appendix B*

While 2012 was impressive, it paled in comparison to drilling and production that took place in 2013. From 2012 to 2013 producing wells jumped from 85 horizontal wells to **400 wells**, representing a 371 percent increase year-over-year. The geographical footprint of those wells remained similar to drilling in 2012, with Belmont, Carroll, Harrison, Noble, Monroe, Guernsey, Jefferson and Columbiana counties continuing to see significant activity, while exploratory wells were drilled in Mahoning and Trumbull counties, located in the northern handle of the Utica Shale development. Real estate property taxes from 2012 production were paid to these counties in FY 2015. *See Appendix C.*

FINDINGS

There are many counties in eastern and southeastern Ohio that have oil and gas producing properties from which property tax revenue flowed from 2010 to 2015. Many of these counties have been producing for decades. For this report, through Freedom of Information Act (FOIA) requests from county auditors, we collected data for the following mineral producing Ohio counties: Belmont, Carroll, Guernsey, Harrison, Monroe, and Noble. Data was collected for ad valorem, or real estate property taxes, paid to each county in FY 2010-2015.

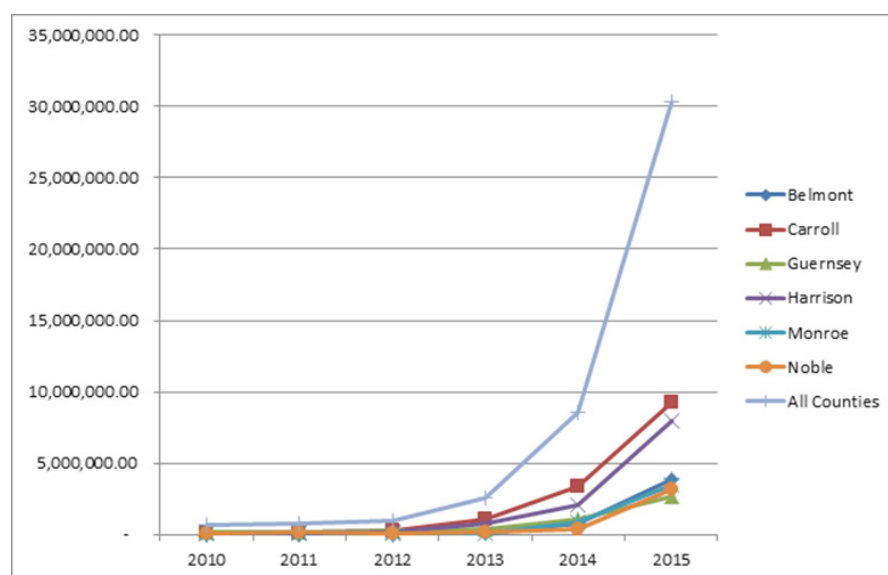
Prior to FY 2013, oil and gas producing counties were receiving anywhere from \$45,000 to \$275,000 annually per county from conventional oil and natural gas production. From financial years 2010, 2011 and 2012, Ohio's conventional or legacy wells, on average, resulted in approximately \$600,000 in revenue from real estate property taxes for these six counties.

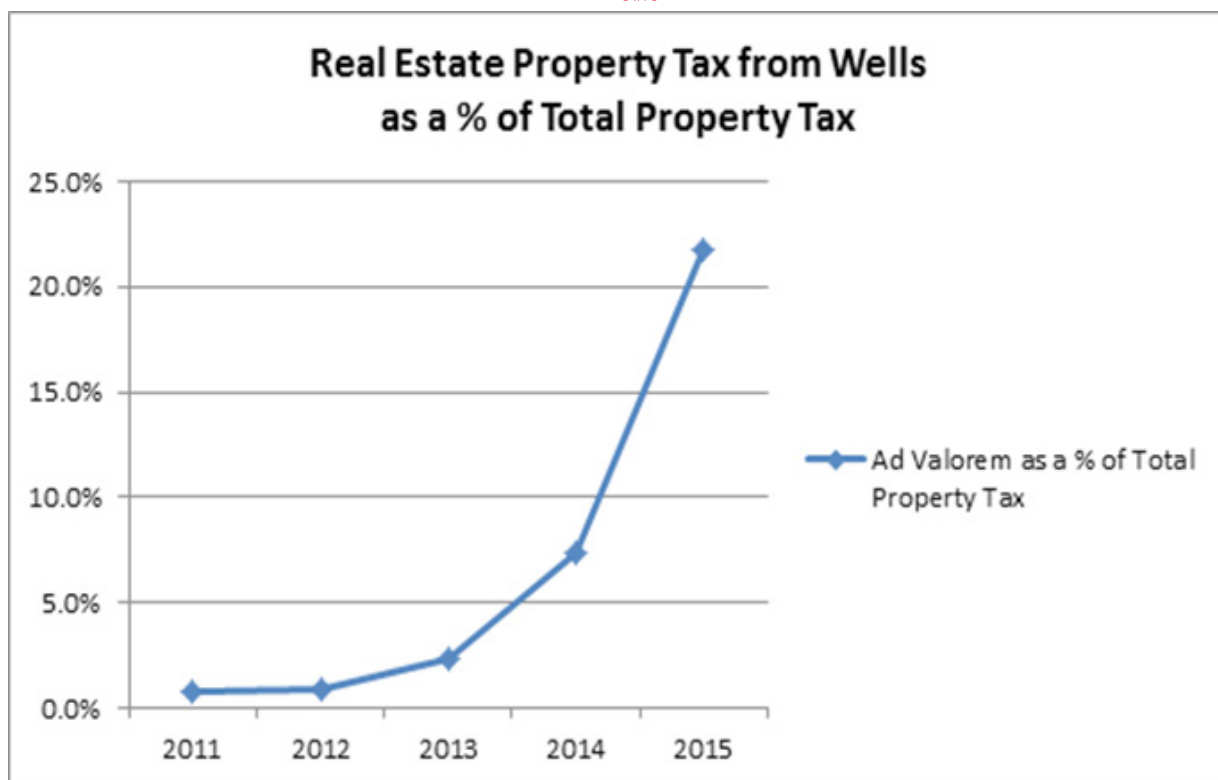
FY 2013 revenues for Carroll County and Harrison County directly correspond with production from 2011. From FY 2012 to FY 2013 Carroll County's real estate property tax increased by 310 percent, year-over-year, while Harrison realized a 338 percent jump year-over-year. This real estate property tax was paid on nine producing wells in 2011, only three of which were in production for over 100 days of the year. This is an important point, as Ohio now has **1,486** Utica-Point Pleasant shale wells producing.¹⁹

¹⁹ Ohio Department of Natural Resources Division of Oil and Gas

Year	Belmont	Carroll	Guernsey	Harrison	Monroe	Noble	All Counties
2010	\$ 3,239.73	\$ 177,732.00	\$ 218,959.00	\$ 45,875.00	\$ 113,897.00	\$ 113,139.00	\$ 672,841.73
2011	\$ 5,889.65	\$ 166,687.00	\$ 204,000.00	\$ 42,005.00	\$ 129,062.00	\$ 172,945.00	\$ 720,588.65
2012	\$ 5,948.06	\$ 255,821.00	\$ 279,382.00	\$ 181,697.00	\$ 118,069.00	\$ 99,443.00	\$ 940,360.06
2013	\$ 25,862.85	\$ 1,048,405.00	\$ 379,962.00	\$ 796,460.00	\$ 115,607.00	\$ 154,947.00	\$ 2,521,243.85
2014	\$ 758,915.83	\$ 3,381,772.00	\$ 1,105,735.00	\$ 2,036,462.00	\$ 862,784.00	\$ 369,989.00	\$ 8,515,657.83
2015	\$ 3,834,014.31	\$ 9,244,863.00	\$ 2,711,412.00	\$ 7,931,754.00	\$ 3,460,418.00	\$ 3,153,112.00	\$ 30,335,573.31
TOTAL	\$ 4,633,870.43	\$ 14,275,280.00	\$ 4,899,450.00	\$ 11,034,253.00	\$ 4,799,837.00	\$ 4,063,575.00	\$ 43,706,265.43

Real Estate Property Taxes Paid for Oil & Gas Wells





Given the record-breaking production in 2012 and 2013, it should come as no surprise that the real estate property tax revenue has climbed as result. Of the \$43 million generated from 2010 to 2015 from this tax, 95 percent was a direct result of horizontal drilling. In addition, of the total receipts from all real estate property taxes collected in 2015, real estate property taxes from wells accounted for (on average) 24 percent of total revenue collected from all real estate property taxes for these counties. This is significant, as prior to 2015, real estate property taxes from wells accounted for less than one percent of total revenue from all real estate property taxes.

As stated earlier, disbursements of these taxes are collected by each county's auditor and distributed to local entities, with local public schools systems receiving 60 to 70 percent of these taxes. Each county and local municipality disburses this revenue in different percentages based on levies passed by voters. After local schools receive at least half of the property taxes, the county and townships will receive monies directly as well. Here's an example of how this would work, keeping in mind that each county and each taxing district determine their respective rates. (Note: each county auditor can answer questions on disbursements in their county more specifically.)



“U.S. natural gas production reached a record high level of 79 billion cubic feet per day (bCF/d) in 2015, an increase of 5% from the previous year, even as natural gas prices remained relatively low. Production from five states—Pennsylvania, Ohio, West Virginia, Oklahoma, and North Dakota—was responsible for most of this growth, offsetting declines in much of the rest of the United States.”



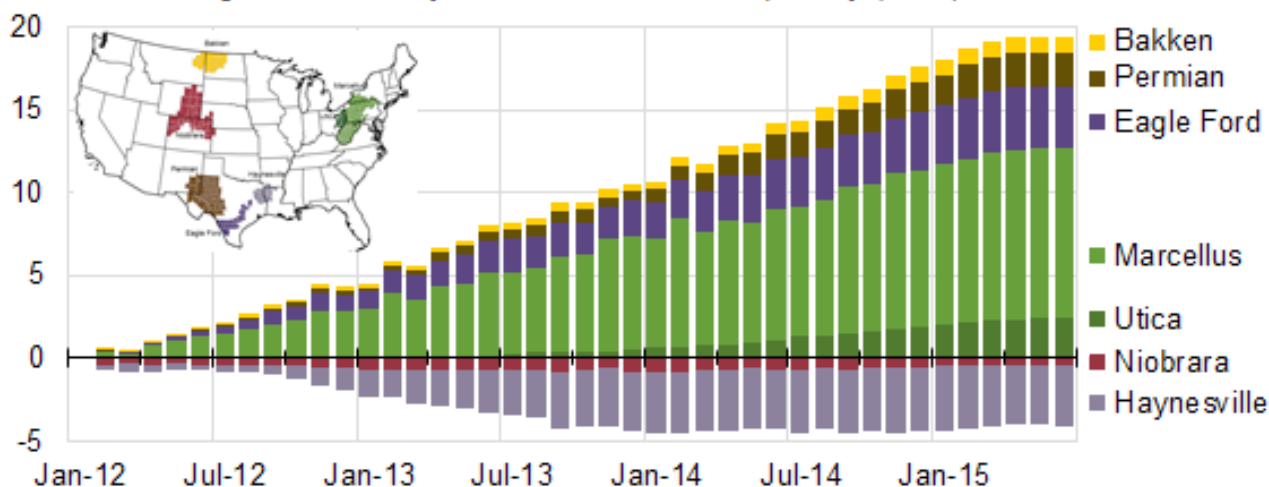
	Full Rate	Factor	43,706,265.43
Other	1.75	0.031847	\$1,391,913.44
County	15.55	0.282985	\$12,368,217.52
Township	7.2	0.131028	\$5,726,744.55
School	28.25	0.514104	\$22,469,565.88
City/Vil.	0.75	0.013649	\$596,546.82
Joint Voc	1.45	0.026388	\$1,153,320.93

This data reveals that the increase in oil and natural gas production has dramatically increased the amount of real estate property taxes coming into these counties. Moreover, these tax collections are only attributed to production from the first three years of Utica Shale development (2011-2013). Since 2013, natural gas production has hit record highs.²⁰

²⁰ U.S. Energy Information Administration (EIA).

Natural gas production in selected regions (Jan 2012 - June 2015)

cumulative change since January 2012, billion cubic feet per day (Bcf/d)



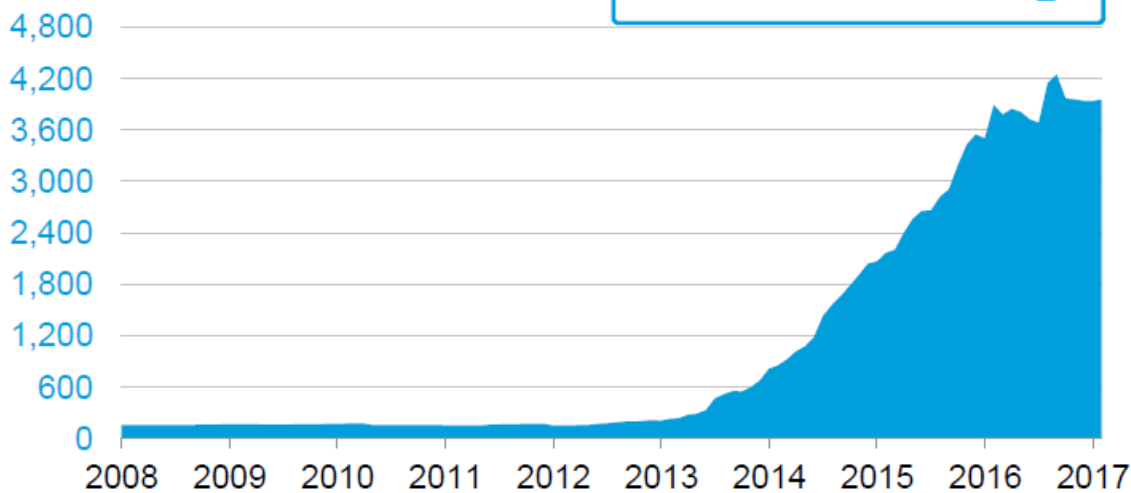
Since the beginning 2012, the **Marcellus** and **Utica** regions have accounted for 85% of increases in production from these selected shale gas regions.



Therefore, given payments already received in conjunction with the first three years of production, we can conservatively project that real estate property taxes from wells will yield at least \$200- \$250 million over the course of 10 years (2016- 2026). As an example of real estate property taxes from wells still yet to be realized, oil and natural gas produced in 2015 will result in payments to mineral producing counties in Ohio this year, with the cycle progressing as follows.

Utica Region Natural gas production

million cubic feet/day

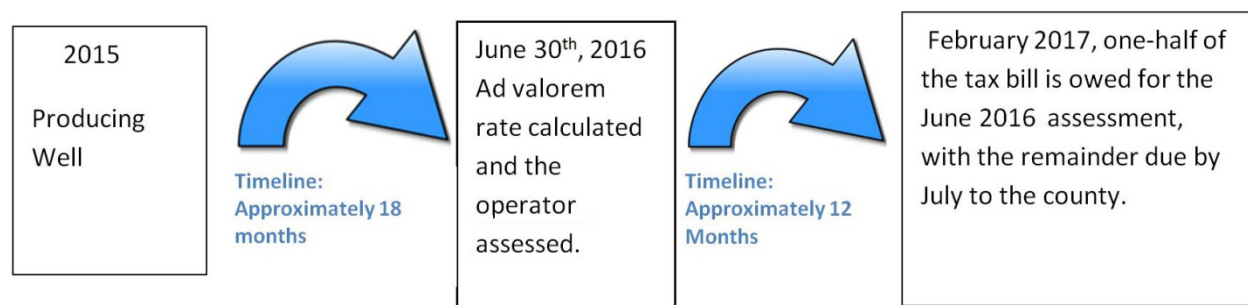


Conclusion

Oil and natural gas production is not only fueling jobs and the economy in Ohio, but is also a significant contributor to county budgets, local townships, villages, cities, and most importantly, schools. Simply put, energy production has helped save budgets in some of the hardest hit regions of the state.

Without a doubt, every Ohio resident is benefiting from oil and natural gas production via lower gas prices, home heating and home electricity costs, as well as investment that has been spurred all over the state, creating jobs and boosting the overall economy. Moreover, the people who benefit the most are the residents of the local areas where mineral production is occurring.

Considering local governments are facing tightened budgets due to state-initiated cuts to funding, this real estate property tax revenue is a lifeline for students, teachers, local government employees, police, and firefighters. It is funding that goes directly to the people who live and work in an area where minerals are produced.



Belmont County Fact Sheet



ENERGY IN DEPTH
OHIO



OOGA
Ohio Oil and Gas Association



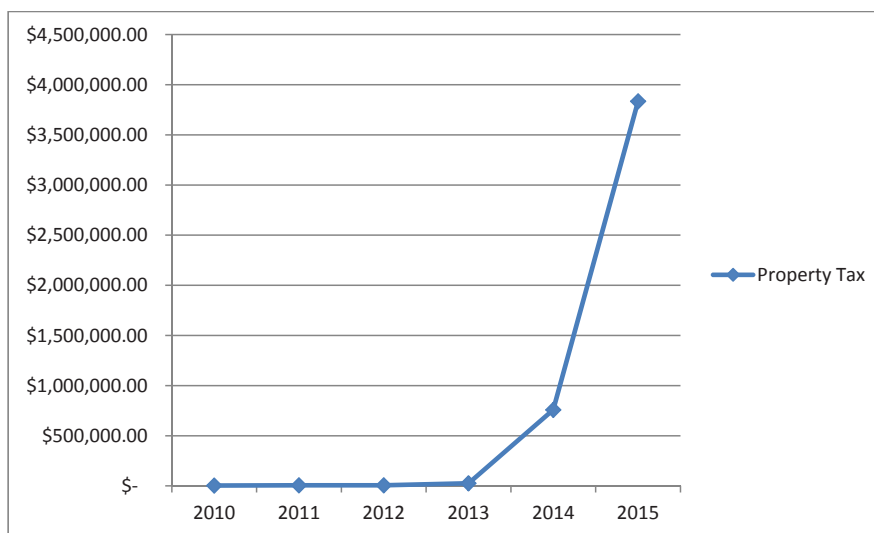
Belmont County has 405 Utica Shale wells in various stages of activity. To date there are 86 that are permitted, 36 that are being drilled, 43 that are drilled with 240 that are producing. There are eight operators that have permits. The highest level of production to date took place in 2015. Production reached 433,146 barrels of oil and 377,859,294 million cubic feet of gas.

Source: Ohio Department of Natural Resources
Department of Oil & Gas Resources (<http://oilandgas.ohiodnr.gov/shale>)

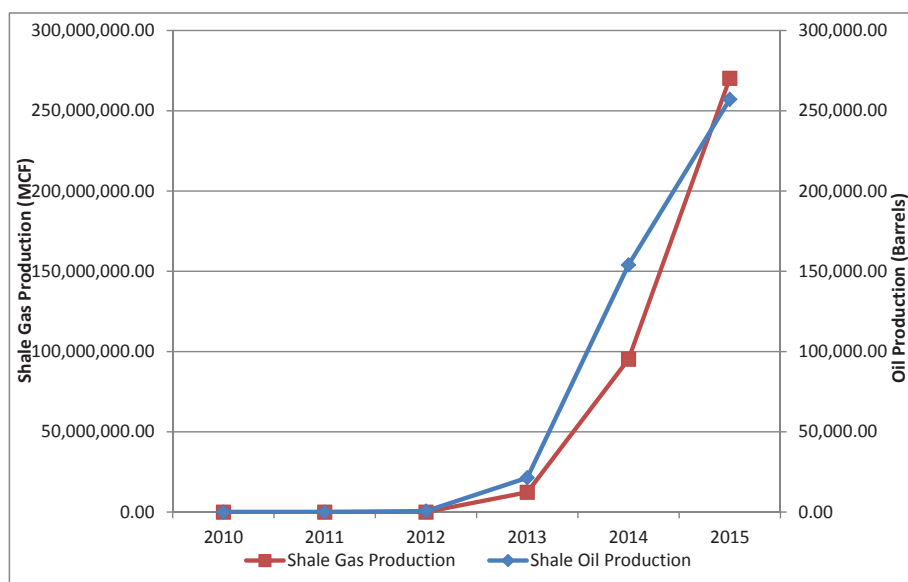
Belmont County Shale Production & Property Taxes

Year	Oil (barrels)	Gas Production (MCF)	Property Tax
2010	0	0	\$ 3,239.73
2011	0	0	\$ 5,889.65
2012	630	0	\$ 5,948.06
2013	21,374	12,360,722	\$ 25,862.85
2014	154,013	95,246,696	\$ 758,915.83
2015	257,129	270,251,876	\$ 3,834,014.31
Total	433,146	377,859,294	\$ 4,633,870.43

Belmont County Property Tax for Oil & Gas Wells



Belmont County Shale Production 2010-2015



Carroll County Fact Sheet



ENERGY IN DEPTH
OHIO



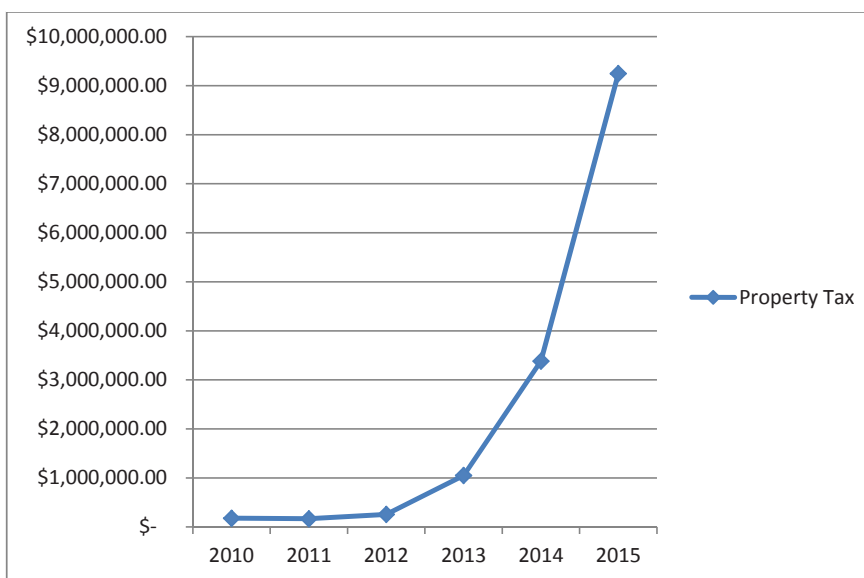
Carroll County has 509 Utica Shale wells in various stages of activity. To date there are 46 that are permitted, five that are being drilled, and 28 that are drilled, with 430 that are producing. There are four operators that have permits. The highest level of production to date took place in 2015. In fact, from 2013 to 2015 oil increased by 221 percent and natural gas increased by 323 percent. There have been a total of 11,803,906 barrels of oil produced and 434,285,990 million cubic feet of gas produced.

Source: Ohio Department of Natural Resources
Department of Oil & Gas Resources (<http://oilandgas.ohiodnr.gov/shale>)

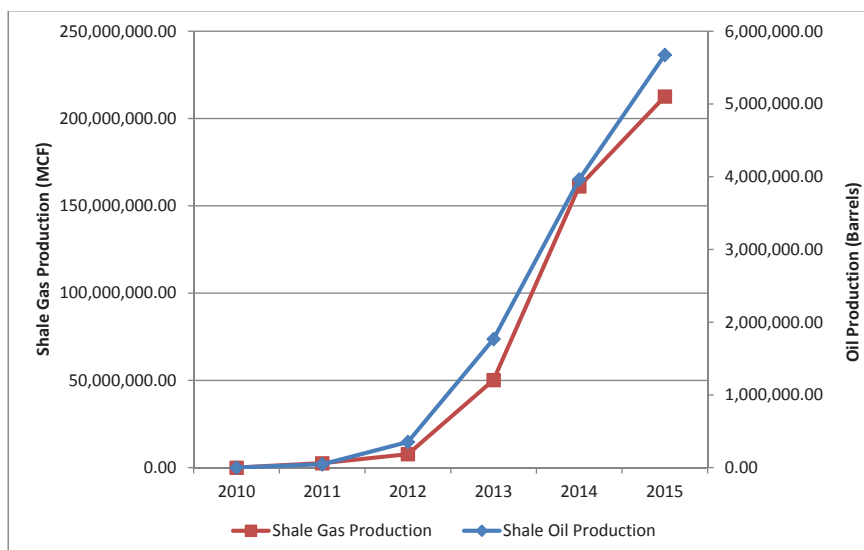
Carroll County Shale Production & Property Taxes

Year	Oil (barrels)	Gas Production (MCF)	Property Tax
2010	0	0	\$ 177,732.00
2011	46,326	2,561,524	\$ 166,687.00
2012	352,958	7,751,602	\$ 255,821.00
2013	1,768,635	50,224,722	\$ 1,048,405.00
2014	3,962,654	161,137,566	\$ 3,381,772.00
2015	5,673,333	212,610,576	\$ 9,244,863.00
Total	11,803,906	434,285,990	\$ 14,275,280.00

Carroll County Property Tax for Oil and Gas Wells



Carroll County Shale Production 2010-2015



Guernsey County Fact Sheet



ENERGY IN DEPTH
OHIO



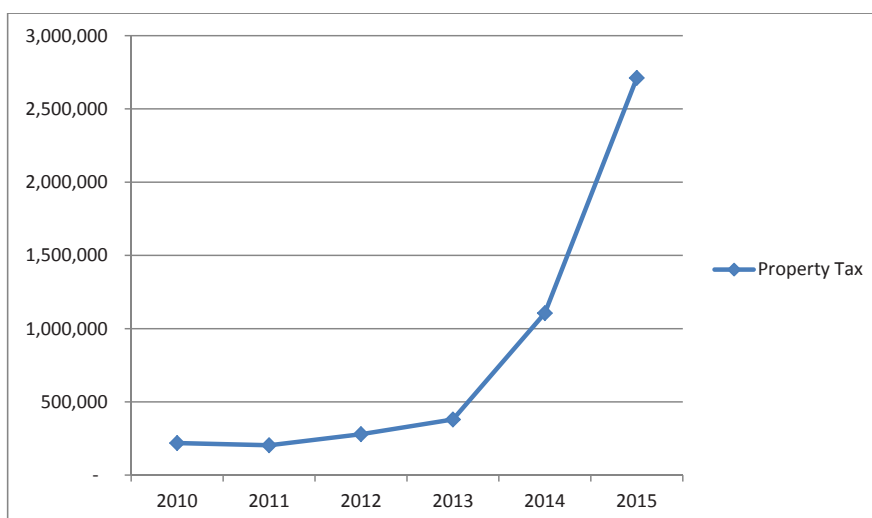
Guernsey County has 193 Utica Shale wells in various stages of activity. To date there are 27 that are permitted, 12 that are being drilled, and 27 that are drilled, with 127 that are producing. There are 12 operators that have permits. The highest level of production to date took place in 2015. There have been 7,591,545 barrels of oil produced and 58,569,988 million cubic feet of gas produced.

Source: Ohio Department of Natural Resources
Department of Oil & Gas Resources (<http://oilandgas.ohiodnr.gov/shale>)

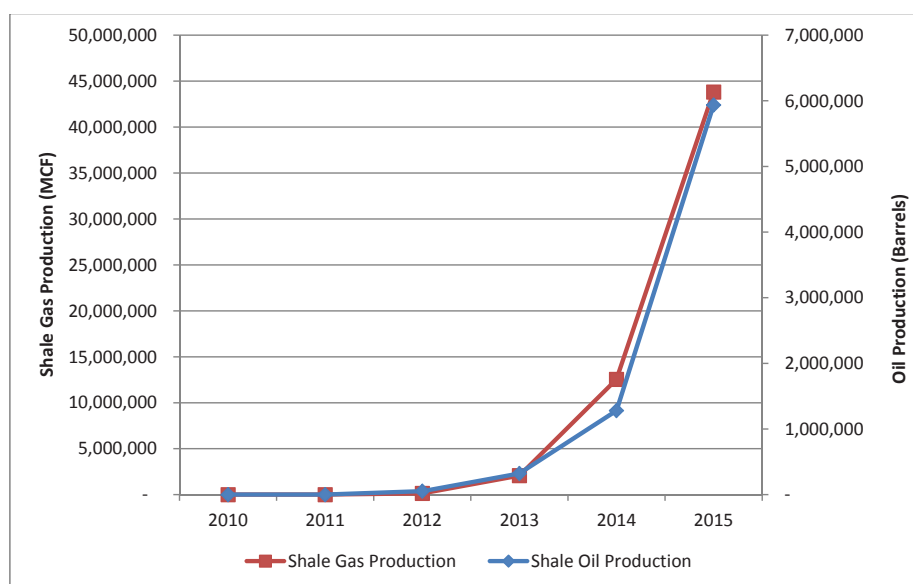
Guernsey County Shale Production & Property Taxes

Year	Oil (barrels)	Gas Production (MCF)	Property Tax
2010	-	-	\$ 218,959.00
2011	-	-	\$ 204,000.00
2012	52,422	136,705	\$ 279,382.00
2013	323,186	2,072,979	\$ 379,962.00
2014	1,280,229	12,547,332	\$ 1,105,735.00
2015	5,935,708	43,812,972	\$ 2,711,412.00
Total	7,591,545	58,569,988	\$ 4,899,450.00

Guernsey County Property Tax for Oil & Gas Wells



Guernsey County Shale Production 2011-2015



Harrison County Fact Sheet



ENERGY IN DEPTH
OHIO

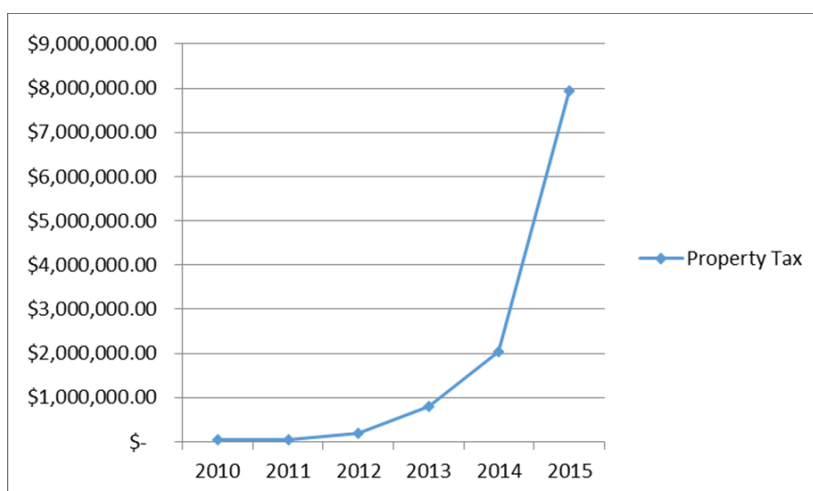


Harrison County has 385 Utica Shale wells in various stages of activity. To date there are 56 wells that are permitted, 10 that are being drilled, and 41 that are drilled, with 278 that are producing. There are seven operators that have permits. The highest level of production to date took place in 2015. There have been 10,745,556 barrels of oil produced and 204,616,108 million cubic feet of gas produced.

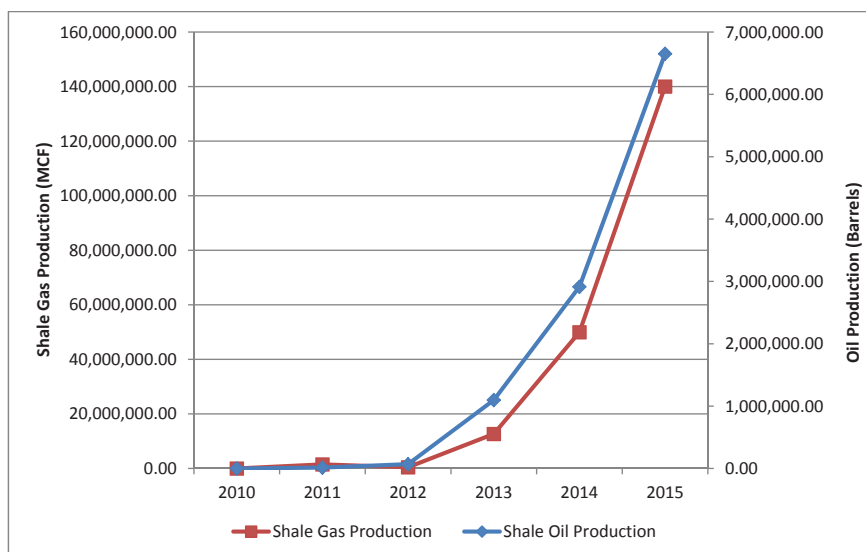
Source: Ohio Department of Natural Resources
Department of Oil & Gas Resources (<http://oilandgas.ohiodnr.gov/shale>)

Harrison County Shale Production & Property Taxes			
Year	Oil (barrels)	Gas Production (MCF)	Property Tax
2010	0	0	\$ 45,875.00
2011	13,472	1,523,465	\$ 42,005.00
2012	69,278	447,334	\$ 181,697.00
2013	1,096,509	12,659,094	\$ 796,460.00
2014	2,913,700	49,975,816	\$ 2,036,462.00
2015	6,652,597	140,010,399	\$ 7,931,754.00
Total	10,745,556	204,616,108	\$ 11,034,253.00

Harrison County Property Tax for Oil and Gas Wells



Harrison County Shale Production 2011-2015



Monroe County Fact Sheet



ENERGY IN DEPTH
OHIO



OOGA
Ohio Oil and Gas Association

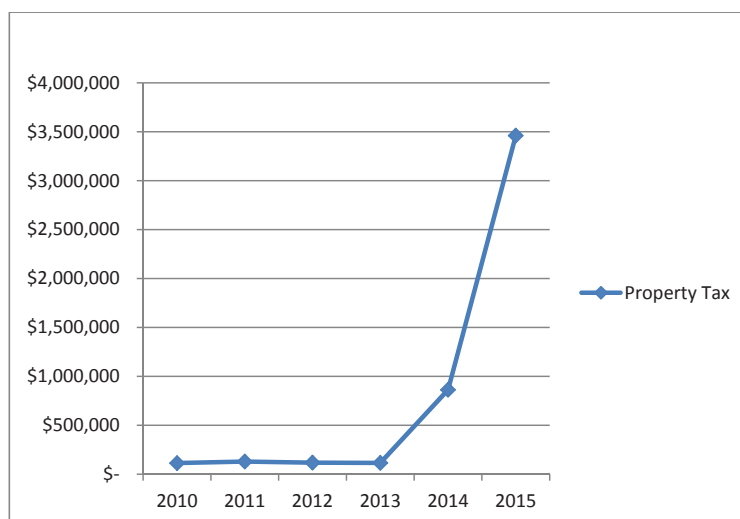


Monroe County has 289 Utica Shale wells in various stages of activity. To date there are 57 that are permitted, 38 that are being drilled, and 54 that are drilled, with 140 that are producing. There are 10 operators that have permits. The highest level of production to date took place in 2015. There have been 393,915 barrels of oil produced and 206,966,711 million cubic feet of gas produced.

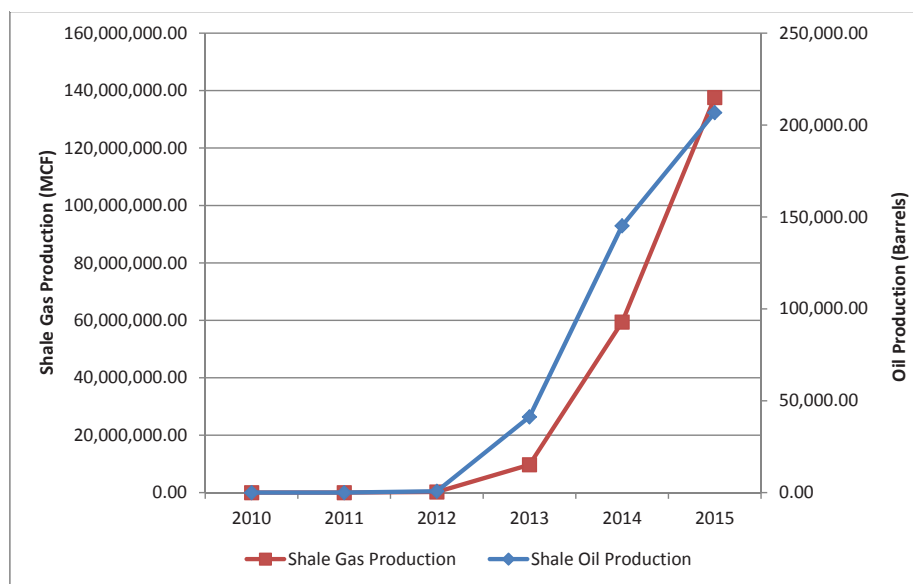
Source: Ohio Department of Natural Resources
Department of Oil & Gas Resources (<http://oilandgas.ohiodnr.gov/shale>)

Monroe County Shale Production & Property Taxes			
Year	Oil (barrels)	Gas Production (MCF)	Property Tax
2010	0	0	\$ 113,897.00
2011	0	0	\$ 129,062.00
2012	733	232,847	\$ 118,069.00
2013	41,230	9,723,827	\$ 115,607.00
2014	145,186	59,403,849	\$ 862,784.00
2015	206,766	137,606,188	\$ 3,460,418.00
Total	393,915	206,966,711	\$ 4,799,837.00

Monroe County Property Tax for Oil & Gas Wells



Monroe County Shale Production 2011-2015



Noble County Fact Sheet



ENERGY IN DEPTH
OHIO

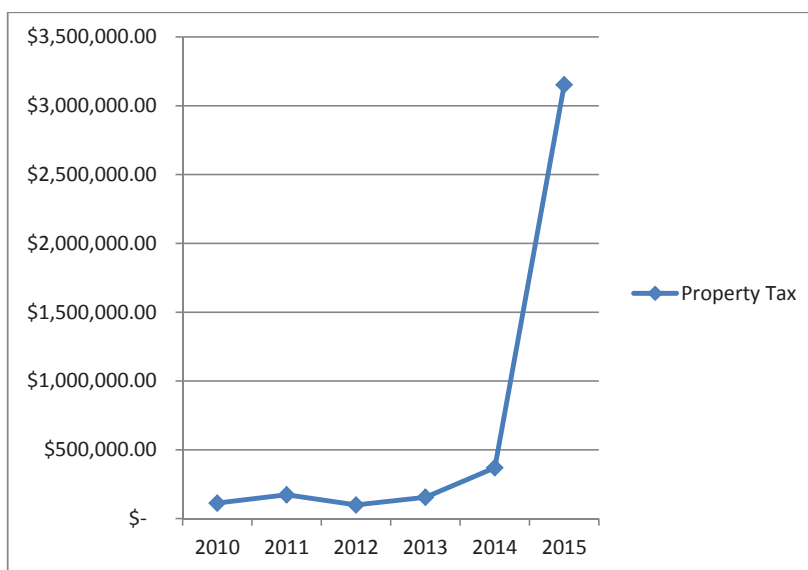


Noble County has 204 Utica Shale wells in various stages of activity. To date, there are 47 that are permitted, 19 that are being drilled, and 17 that are drilled, with 121 that are producing. There are 10 operators that have permits. The highest level of production to date took place in 2015. There have been 5,392,169 barrels of oil produced and 141,867,280 million cubic feet of gas produced.

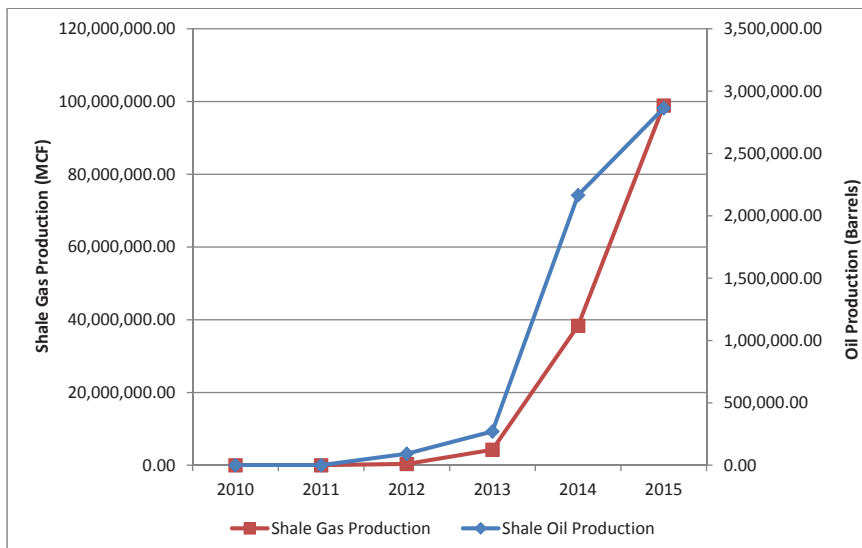
Source: Ohio Department of Natural Resources
Department of Oil & Gas Resources (<http://oilandgas.ohiodnr.gov/shale>)

Noble County Shale Production & Property Taxes			
Year	Oil (barrels)	Gas Production (MCF)	Property Tax
2010	0	0	\$ 113,139.00
2011	0	0	\$ 172,945.00
2012	92,359	358,193	\$ 99,443.00
2013	270,874	4,267,316	\$ 154,947.00
2014	2,165,721	38,341,044	\$ 369,989.00
2015	2,863,215	98,900,727	\$ 3,153,112.00
Total	5,392,169	141,867,280	\$ 4,063,575.00

Noble County Property Tax for oil & Gas Wells



Noble County Oil & Natural Gas Production 2010-2015



Appendices

Appendix A						
Year	Owner Name	County	Township	Well Name	Oil (Barrels)	Gas (MCF)
2011	CHESAPEAKE APPALACHIA LLC	CARROLL	WASHINGTON	833129 NEIDER 3H	9444	395290
2011	CHESAPEAKE APPALACHIA LLC	CARROLL	AUGUSTA	MANGUN 22-15-5 8H	12334	322435
2011	CHESAPEAKE APPALACHIA LLC	CARROLL	WASHINGTON	HARVEY 16-14-5 8H	6096	183142
2011	CHESAPEAKE APPALACHIA LLC	CARROLL	EAST	833124 BUCEY 3H	2167	137192
2011	CHESAPEAKE APPALACHIA LLC	CARROLL	CENTER	SHAW 20-14-5 5H	818	0
2011	CHESAPEAKE APPALACHIA LLC	CARROLL	CENTER	833530 BURGETT 7-15-6 8H	654	0
2011	CHESAPEAKE APPALACHIA LLC	HARRISON	ARCHER	NORTH AMERICAN COAL RO	13472	1523465
2011	CHESAPEAKE APPALACHIA LLC	MAHONING	MILTON	GEATCHES MAH 3H	758	0
2011	CHESAPEAKE APPALACHIA LLC	PORTAGE	SUFFIELD	HOSEY POR 6H-X	583	0
2011 Total					46326	2561524

Appendix B						
Year	Owner Name	County	Township	Well Name	Oil (Barrel)	Gas (MCF)
2012	DEVON ENERGY PRODUCTION	ASHLAND	CLEAR CREEK	EICHELBERG	0	0
2012	GULFPORT ENERGY CORP	BELMONT	WARREN	SHUGERT	373	0
2012	GULFPORT ENERGY CORP	BELMONT	KIRKWOOD	SHUGERT	257	0
2012	CHESAPEAKE EXPLORATION LLC	CARROLL	EAST	BUCEY BU	5501	539293
2012	CHESAPEAKE EXPLORATION LLC	CARROLL	LEE	BAILEY 35-	8050	466973
2012	CHESAPEAKE EXPLORATION LLC	CARROLL	LEE	BAILEY 35-	7562	423350
2012	CHESAPEAKE EXPLORATION LLC	CARROLL	LEE	BAILEY 35-	7853	386714
2012	CHESAPEAKE EXPLORATION LLC	CARROLL	EAST	CONIGLIO	15210	360575
2012	CHESAPEAKE EXPLORATION LLC	CARROLL	LEE	HOUYOUS	14792	351781
2012	CHESAPEAKE EXPLORATION LLC	CARROLL	EAST	BUCEY 21-	4852	349980
2012	CHESAPEAKE EXPLORATION LLC	CARROLL	CENTER	SHAW 20-	24313	344387
2012	CHESAPEAKE EXPLORATION LLC	CARROLL	CENTER	BURGETT 7	46914	332445
2012	CHESAPEAKE EXPLORATION LLC	CARROLL	WASHINGTON	HARVEY 16	6122	322213
2012	CHESAPEAKE EXPLORATION LLC	CARROLL	LEE	TANNER 24	0	297456
2012	CHESAPEAKE EXPLORATION LLC	CARROLL	LEE	SNODDY 1	19196	291227
2012	CHESAPEAKE EXPLORATION LLC	CARROLL	LEE	HOUYOUS	11079	279204
2012	CHESAPEAKE EXPLORATION LLC	CARROLL	LEE	WHITE 17-	16259	277744
2012	CHESAPEAKE EXPLORATION LLC	CARROLL	LEE	SNODDY 1	12384	258817
2012	CHESAPEAKE EXPLORATION LLC	CARROLL	LEE	WHITE 17-	14896	255957
2012	CHESAPEAKE EXPLORATION LLC	CARROLL	AUGUSTA	MANGUN	7144	239021
2012	CHESAPEAKE EXPLORATION LLC	CARROLL	WASHINGTON	NEIDER 3H	5043	234428
2012	CHESAPEAKE EXPLORATION LLC	CARROLL	EAST	BUCEY 21-	1409	212812
2012	CHESAPEAKE EXPLORATION LLC	CARROLL	LEE	HOUYOUS	12440	208308
2012	CHESAPEAKE EXPLORATION LLC	CARROLL	LEE	SNODDY 1	10983	198922
2012	CHESAPEAKE EXPLORATION LLC	CARROLL	LEE	WHITE 17-	12916	196679
2012	RE GAS DEVELOPMENT	CARROLL	WASHINGTON	BRACE 1	12879	159213
2012	CHESAPEAKE EXPLORATION LLC	CARROLL	WASHINGTON	SCHMUCK	11126	121176
2012	CHESAPEAKE EXPLORATION LLC	CARROLL	PERRY	WALTERS 3	7265	105553
2012	ENERVEST OPERATING L	CARROLL	HARRISON	CAIRNS 5H	20951	92860
2012	CHESAPEAKE EXPLORATION LLC	CARROLL	LEE	P BROWN	4805	90263
2012	CHESAPEAKE EXPLORATION LLC	CARROLL	CENTER	BURGETT 7	11760	56364
2012	CHESAPEAKE EXPLORATION LLC	CARROLL	WASHINGTON	NEIDER 10	1448	51909
2012	CHESAPEAKE EXPLORATION LLC	CARROLL	WASHINGTON	NEIDER 10	970	48316
2012	CHESAPEAKE EXPLORATION LLC	CARROLL	AUGUSTA	WEST 4-15	6479	45590
2012	CHESAPEAKE EXPLORATION LLC	CARROLL	EAST	BURRY 20-	982	41073
2012	CHESAPEAKE EXPLORATION LLC	CARROLL	WASHINGTON	NEIDER 10	859	34570
2012	CHESAPEAKE EXPLORATION LLC	CARROLL	AUGUSTA	MANGUN	1732	24002
2012	CHESAPEAKE EXPLORATION LLC	CARROLL	WASHINGTON	NEIDER 10	490	18875
2012	CHESAPEAKE EXPLORATION LLC	CARROLL	AUGUSTA	MANGUN	2784	12974
2012	CHESAPEAKE EXPLORATION LLC	CARROLL	WASHINGTON	NEIDER 10	327	11706
2012	CHESAPEAKE EXPLORATION LLC	CARROLL	AUGUSTA	LOZIER 14-	1009	8337
2012	CHESAPEAKE EXPLORATION LLC	CARROLL	AUGUSTA	LOZIER 14-	19	535
2012	CHESAPEAKE EXPLORATION LLC	CARROLL	BROWN	WHITACRE	1674	0
2012	CHESAPEAKE EXPLORATION LLC	CARROLL	PERRY	SCOTT 24-	481	0
2012	CHESAPEAKE EXPLORATION LLC	COLUMBIA	KNOX	SANOR FA	8833	54730

2012	CHESAPEAKE EXPLORATION LLC	COLUMBIA	WEST	AYRVIEW A	9102	40663
2012	CHESAPEAKE EXPLORATION LLC	COLUMBIA	WEST	AYRVIEW A	2811	18772
2012	CHESAPEAKE EXPLORATION LLC	COLUMBIA	WEST	AYRVIEW A	3031	18434
2012	CHESAPEAKE EXPLORATION LLC	COLUMBIA	HANOVER	JAN PAUL I	308	0
2012	ANADARKO E&P ONSHORE LLC	COSHOCTO	MILL CREE	COSH MILL	641	0
2012	DEVON ENERGY PRODUCTION	COSHOCTO	OXFORD	J HILL 2H	0	0
2012	ANADARKO E&P ONSHORE LLC	GUERNSEY	SPENCER	FREC GUEP	26420	81644
2012	ANADARKO E&P ONSHORE LLC	GUERNSEY	SPENCER	FREC GUEP	13564	41153
2012	ENERVEST OPERATING LLC	GUERNSEY	WHEELING	RHDK INVE	2958	8670
2012	PDC ENERGY INC	GUERNSEY	WILLS	ONEGA CO	2100	5238
2012	GULFPORT ENERGY CORP	GUERNSEY	MADISON	GROH 1-	5231	0
2012	DEVON ENERGY PRODUCTION	GUERNSEY	CENTER	THE CHUM	2149	0
2012	CHESAPEAKE EXPLORATION LLC	HARRISON	ARCHER	NORTH AM	9779	1657548
2012	GULFPORT ENERGY CORP	HARRISON	ATHENS	WAGNER	12147	644276
2012	GULFPORT ENERGY CORP	HARRISON	NOTTINGH	BOY SCOU	37235	122853
2012	HESS OHIO DEVELOPMENTS LLC	HARRISON	ATHENS	CNXHAR9N	533	22657
2012	GULFPORT ENERGY CORP	HARRISON	MOOREFIE	BK STEPHE	6406	0
2012	CHESAPEAKE EXPLORATION LLC	HARRISON	STOCK	STUART HE	1660	0
2012	GULFPORT ENERGY CORP	HARRISON	FREEPORT	CLAY 1-4	890	0
2012	GULFPORT ENERGY CORP	HARRISON	MOOREFIE	RYSER 1-	628	0
2012	HESS OHIO RESOURCES LLC	JEFFERSON	WAYNE	NAC GAS U	27	900322
2012	CHESAPEAKE EXPLORATION LLC	JEFFERSON	BRUSH CRI	BROWN 36	25	615710
2012	CHESAPEAKE EXPLORATION LLC	JEFFERSON	SPRINGFIE	CAIN 16-12	0	58517
2012	CHESAPEAKE EXPLORATION LLC	JEFFERSON	SPRINGFIE	CAIN SOUT	0	49287
2012	DEVON ENERGY PRODUCTION	KNOX	MORGAN	SENSIBAU	0	0
2012	CHESAPEAKE EXPLORATION LLC	MAHONIN	MILTON	GEATCHES	817	0
2012	DEVON ENERGY PRODUCTION	MEDINA	HARRISVIL	RICHMAN	0	0
2012	HG ENERGY, LLC	MONROE	WASHINGTON	WHITACRE	0	232847
2012	ANTERO RESOURCES APPALACHIAN	MONROE	SENECA	ET RUBEL U	733	0
2012	ANADARKO E&P ONSHORE LLC	MUSKINGU	MEIGS	FREC MEIG	6531	0
2012	ANADARKO E&P ONSHORE LLC	NOBLE	BROOKFIE	FREC NOBI	38313	193797
2012	ANADARKO E&P ONSHORE LLC	NOBLE	SHARON	FREC NOBI	30287	126703
2012	ANTERO RES APPALACHIAN CORP	NOBLE	BUFFALO	SANFORD	13675	37693
2012	ANTERO RES APPALACHIAN CORP	NOBLE	SENECA	MILEY UNI	7114	0
2012	ANADARKO E&P ONSHORE LLC	NOBLE	OLIVE	FREC NOBI	2970	0
2012	CHESAPEAKE EXPLORATION LLC	PORTAGE	SUFFIELD	HOSEY PO	0	0
2012	ENERVEST OPERATING L	STARK	MARLBOR	FRANK UN	8637	58679
2012	CHESAPEAKE EXPLORATION LLC	STARK	OSNABUR	DREVON 2	9077	48262
2012	CHESAPEAKE EXPLORATION LLC	TUSCARAV	WARREN	GRIBI 1-9-1	7639	31249
2012	CNX GAS COMPANY LLC	TUSCARAV	AUBURN	TROYER	10015	9986
2012	DEVON ENERGY PRODUCTION	WAYNE	EAST UNIO	HERSHBER	0	0
2012 Total					635874	12831292

Appendix C

Year	OWNER NAME	COUNTY	TOWNSHIP	WELL NAME	OIL	GAS
2013	GULFPORT ENERGY CORP	BELMONT	WARREN	SHUGERT	11691	2533130
2013	GULFPORT ENERGY CORP	BELMONT	SOMERSET	STUTZMAN	105	2238210
2013	GULFPORT ENERGY CORP	BELMONT	KIRKWOOD	SHUGERT	2847	2002910
2013	GULFPORT ENERGY CORP	BELMONT	SOMERSET	MCCORT	1623	1681127
2013	GULFPORT ENERGY CORP	BELMONT	SOMERSET	MCCORT	2212	1679217
2013	GULFPORT ENERGY CORPORATION	BELMONT	WASHINGTON	IRONS	5	459275
2013	HESS OHIO RESOURCES LLC	BELMONT	WHEELING	CAPSTONE HOLDINGS	535	450220
2013	HESS OHIO RESOURCES LLC	BELMONT	RICHLAND	LUDE # 1H-34	13	405037
2013	XTO ENERGY, INC.	BELMONT	MEAD	KALDOR	0	277081
2013	GULFPORT ENERGY CORPORATION	BELMONT	KIRKWOOD	SHUGERT	684	157952
2013	GULFPORT ENERGY CORPORATION	BELMONT	KIRKWOOD	SHUGERT	869	133586
2013	HESS OHIO RESOURCES LLC	BELMONT	WHEELING	CAPSTONE HOLDINGS	243	132931
2013	GULFPORT ENERGY CORPORATION	BELMONT	KIRKWOOD	SHUGERT	547	127622
2013	GULFPORT ENERGY CORPORATION	BELMONT	UNION	FAMILY	0	29795
2013	GULFPORT ENERGY CORPORATION	BELMONT	WASHINGTON	IRONS	0	25558
2013	GULFPORT ENERGY CORPORATION	BELMONT	UNION	FAMILY	0	21298
2013	GULFPORT ENERGY CORPORATION	BELMONT	UNION	FAMILY	0	5610
2013	XTO ENERGY, INC.	BELMONT	WASHINGTON	BOAN/MARCUM	0	163
2013	HESS OHIO RESOURCES LLC	BELMONT	RICHLAND	PORTERFIELD GAS UNIT B	0	0
2013	HESS OHIO RESOURCES LLC	BELMONT	RICHLAND	PORTERFIELD GAS UNIT A	0	0
2013	HESS OHIO RESOURCES LLC	BELMONT	RICHLAND	PORTERFIELD GAS UNIT C	0	0
2013	XTO ENERGY, INC.	BELMONT	MEAD	KALDOR	0	0
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LEE	TANNER 24-12-4	0	854932
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LEE	COE 34-12-4	9116	792296
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LEE	COE 34-12-4	3661	768583
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LEE	COE 34-12-4	2040	754962
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	WASHINGTON	NEIDER 10-14-5	10573	724267
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LEE	BAILEY 35-12-4	4967	686814
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	FOX	KRUPRZAK 17-13-4	0	679172
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	PERRY	SCOTT 24-12-5	24133	675410
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LOUDON	ELWOOD SOUTH 32-12-4	2557	654864
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LEE	BAILEY 35-12-4	4053	649025
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LOUDON	ELWOOD SOUTH 32-12-4	1360	625055
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LEE	BAILEY 35-12-4	3371	613364
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	PERRY	SCOTT 24-12-5	27983	591530
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	PERRY	SCOTT 24-12-5	21109	589300
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LEE	HOUYOUSE 15-13-5	11531	579311
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LEE	COE 34-12-4	2192	579092
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LEE	WAGNER 11-13-5	15280	567681
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LOUDON	KOHLER 1-13-5	4487	558539
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	PERRY	SCOTT 24-12-5	21498	541217
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	PERRY	SCOTT 24-12-5	29541	531593
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LEE	COE 34-12-4	4444	528669
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LEE	COE 34-12-4	4911	520424
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	EAST	BUCEY 21-14-4	1974	515879
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	WASHINGTON	NEIDER 10-14-5	8827	515689
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	WASHINGTON	NEIDER 10-14-5	8949	510532
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LOUDON	ELWOOD SOUTH 32-12-4	1907	505725
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LOUDON	KOHLER 1-13-5	11766	487757
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LOUDON	KOHLER 1-13-5	4152	486003
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	EAST	BUCEY 21-14-4	2744	475883
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	PERRY	SCOTT 24-12-5	19604	470122
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	AUGUSTA	LOZIER 14-15-5	30035	466135
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LOUDON	WALKER 12-12-5	6080	463186

2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	EAST	BURRY 20-14-4	3780	460783
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	WASHINGTON	NEIDER 10-14-5	6679	441992
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LOUDON	ELWOOD 32-12-4	2174	439161
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LOUDON	WALKER 12-12-5	9455	430430
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	WASHINGTON	NEIDER 10-14-5	3827	428994
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LEE	SNODDY 11-13-5	17296	426449
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LEE	HOUYOUSE 15-13-5	13406	417273
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LEE	HOUYOUSE 15-13-5	8344	406597
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LOUDON	ELWOOD 32-12-4	2696	406036
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	AUGUSTA	LOZIER 14-15-5	15063	394493
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LOUDON	HENDERSON FAMILY 34-11-4	1522	393644
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LOUDON	SLATES 16-12-5	17343	389352
2013	R E GAS DEVELOPMENT LLC	CARROLL	WASHINGTON	GRAHAM	19346	388853
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LOUDON	KOHLER 1-13-5	6671	376135
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LOUDON	SLATES 16-12-5	12660	375598
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	EAST	HALEY 8-14-4	5360	372618
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	AUGUSTA	MANGUN 22-15-5	13914	372349
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LOUDON	KOHLER 1-13-5	2021	367885
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	AUGUSTA	MANGUN 22-15-5	15522	367474
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LOUDON	WALKER 12-12-5	3468	356019
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LOUDON	SLATES 16-12-5	17505	355828
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LOUDON	WALKER 12-12-5	6400	354004
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LOUDON	SLATES 16-12-5	16365	352872
2013	R E GAS DEVELOPMENT LLC	CARROLL	WASHINGTON	BRACE WEST	29626	347856
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LOUDON	ELWOOD 32-12-4	1419	346741
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LOUDON	HENDERSON FAMILY 34-11-4	2404	343687
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LOUDON	WALKER 12-12-5	4633	341467
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LOUDON	HENDERSON FAMILY 34-11-4	1252	335025
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LOUDON	HENDERSON FAMILY 34-11-4	1191	334695
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	PERRY	FLIGIEL 29-12-5	20711	329214
2013	CHESAPEAKE EXPLORATION LLC	CARROLL	LEE	JOHN ADAMS 30-12-4	157	326297
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LOUDON	TUCKOSH 35-11-4	152	325389
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LOUDON	SLATES 16-12-5	15746	322893
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	EAST	CONIGLIO 7-14-4	8353	320624
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LEE	SNODDY 11-13-5	9565	317576
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LOUDON	SLATES 16-12-5	18971	311527
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LOUDON	WALKER 12-12-5	3756	309228
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	EAST	BUCEY 21-14-4	949	291916
2013	R E GAS DEVELOPMENT LLC	CARROLL	WASHINGTON	BRACE WEST	26563	286792
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	UNION	RUTLEDGE 10-14-6	44198	278722
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LOUDON	HENDERSON FAMILY 34-11-4	895	276291
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LEE	WHITE 17-13-5	8822	273484
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LEE	WHITE 17-13-5	9312	271722
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	EAST	BURRY 20-14-4	2876	270806
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	UNION	BRUNK 32-13-5	18702	270259
2013	CHESAPEAKE EXPLORATION LLC	CARROLL	LOUDON	APPALACHIAN 16-12-5	4553	268209
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	PERRY	FLIGIEL 29-12-5	15130	261886
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	WASHINGTON	HARVEY 16-14-5	13035	256840
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	PERRY	FLIGIEL 29-12-5	16017	256658
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	UNION	RUTLEDGE 10-14-6	40180	255755
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	EAST	CONIGLIO 7-14-4	13639	254244
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	CENTER	BURGETT 7-15-6	28770	253158
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	AUGUSTA	HAWK 2-15-5	17015	250133
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LOUDON	HENDERSON FAMILY 34-11-4	1179	249637
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	AUGUSTA	MANGUN 22-15-5	13643	247904
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	EAST	HALEY 8-14-4	4293	247880
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	PERRY	FLIGIEL 29-12-5	15313	246877

2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	PERRY	FLIGIEL 29-12-5	17905	245277
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	UNION	BRUNK 32-13-5	25282	244935
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	EAST	CONIGLIO 7-14-4	14893	243221
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	WASHINGTON	HARVEY 16-14-5	10162	242130
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LEE	SNODDY 11-13-5	8630	239999
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LOUDON	COLESCOTT 11-12-5	7230	236947
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LOUDON	COLESCOTT 11-12-5	4070	234830
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	CENTER	BURGETT 7-15-6	21968	222323
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LEE	P BROWN 9-13-5	6451	222048
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	PERRY	FLIGIEL 29-12-5	17534	220696
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LOUDON	LUCAS 35-11-4	331	215374
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	CENTER	BURGETT 7-15-6	32000	213364
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	UNION	DAVIS FARMS 2-14-6	27893	212459
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	UNION	RUTLEDGE 10-14-6	24780	212049
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LOUDON	COLESCOTT 11-12-5	3566	210451
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LOUDON	COLESCOTT 11-12-5	7218	210054
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	UNION	DAVIS FARMS 2-14-6	26630	205986
2013	R E GAS DEVELOPMENT LLC	CARROLL	WASHINGTON	BRACE	10128	205846
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	UNION	BRUNK 32-13-5	19587	204972
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	UNION	BRUNK 32-13-5	15229	200546
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	UNION	RUTLEDGE 10-14-6	21837	199469
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	UNION	DAVIS FARMS 2-14-6	28869	197012
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	WASHINGTON	HARVEY 16-14-5	9888	196782
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	CENTER	SHAW 20-14-5	8502	191594
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	PERRY	FLIGIEL 29-12-5	12216	188249
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	UNION	DAVIS FARMS 2-14-6	23453	184283
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LOUDON	COLESCOTT 11-12-5	2770	180760
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LOUDON	COLESCOTT 11-12-5	3844	180294
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LOUDON	TUCKOSH 35-11-4	835	176730
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LOUDON	LUCAS 35-11-4	55	173457
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	UNION	BRUNK 32-13-5	13182	172742
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	WASHINGTON	NEIDER 10-14-5	3679	172325
2013	CHESAPEAKE EXPLORATION LLC	CARROLL	LOUDON	APPALACHIAN 16-12-5	6334	168485
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	EAST	MILLS 1-15-5	12973	168383
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	LEE	WHITE 17-13-5	6773	167886
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	CENTER	BURGETT 7-15-6	28466	166547
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	CENTER	BURGETT 7-15-6	21510	165707
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	AUGUSTA	JEFFERY 2-15-5	10634	165151
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	AUGUSTA	HAWK 2-15-5	14291	163607
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	UNION	BRUNK 32-13-5	11280	159350
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	PERRY	FLIGIEL 29-12-5	11453	155190
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	UNION	CUMMINGS 17-14-6	27306	154606
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	PERRY	WALTERS 30-12-5	8112	153558
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	CENTER	BURGETT 7-15-6	17347	151481
2013	ENERVEST OPERATING LLC	CARROLL	HARRISON	CAIRNS	20514	149753
2013	R E GAS DEVELOPMENT LLC	CARROLL	WASHINGTON	GRAHAM	11581	148785
2013	CHESAPEAKE EXPLORATION LLC	CARROLL	LOUDON	APPALACHIAN 16-12-5	2961	144680
2013	CHESAPEAKE EXPLORATION LLC	CARROLL	LOUDON	APPALACHIAN 16-12-5	2926	139226
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	ORANGE	GARTRELL 23-13-6	32310	137623
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	PERRY	EDIE 17-13-6	26556	137107
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	FOX	STARKEY 36-13-4	1406	135133
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	EAST	MILLS 1-15-5	4914	130435
2013	CHESAPEAKE EXPLORATION LLC	CARROLL	LOUDON	PALMER 1-13-5	2594	124220
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	WASHINGTON	HARVEY 16-14-5	2495	120942
2013	CHESAPEAKE EXPLORATION LLC	CARROLL	LOUDON	PALMER 1-13-5	477	117825
2013	CHESAPEAKE EXPLORATION LLC	CARROLL	LOUDON	APPALACHIAN 16-12-5	2896	117823
2013	CHESAPEAKE EXPLORATION LLC	CARROLL	LOUDON	PALMER 1-13-5	2705	117183

2013	CHESAPEAKE EXPLORATION LLC	CARROLL	LOUDON	PALMER 1-13-5	882	114806
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	FOX	STARKEY 36-13-4	1703	109931
2013	CHESAPEAKE EXPLORATION LLC	CARROLL	LOUDON	PALMER 1-13-5	939	91330
2013	CHESAPEAKE EXPLORATION LLC	CARROLL	LOUDON	PALMER 1-13-5	1578	86100
2013	CHESAPEAKE EXPLORATION LLC	CARROLL	WASHINGTON	SCHMUCK FARMS 22-14-5	7009	84785
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	ROSE	OTT 13-16-7	21122	83836
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	WASHINGTON	SCHMUCK FARMS 22-14-5	6379	83427
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	AUGUSTA	JEFFERY 2-15-5	5717	82964
2013	CHESAPEAKE EXPLORATION LLC	CARROLL	LOUDON	SUNNYBROOK 25-12-4	60	77074
2013	CHESAPEAKE EXPLORATION LLC	CARROLL	LOUDON	ANDERSON 31-12-4	137	76293
2013	CHESAPEAKE EXPLORATION LLC	CARROLL	WASHINGTON	SCHMUCK FARMS 22-14-5	6109	68725
2013	CHESAPEAKE EXPLORATION LLC	CARROLL	WASHINGTON	SCHMUCK FARMS 22-14-5	4768	67174
2013	CHESAPEAKE EXPLORATION LLC	CARROLL	LOUDON	ANDERSON 31-12-4	333	65830
2013	CHESAPEAKE EXPLORATION LLC	CARROLL	WASHINGTON	SCHMUCK FARMS 22-14-5	4854	61571
2013	CHESAPEAKE EXPLORATION LLC	CARROLL	PERRY	RAY HAYLEY 5-13-6	9157	58466
2013	CHESAPEAKE EXPLORATION LLC	CARROLL	LOUDON	APPALACHIAN 16-12-5	1275	50131
2013	CHESAPEAKE EXPLORATION LLC	CARROLL	LOUDON	ANDERSON 31-12-4	281	48929
2013	CHESAPEAKE EXPLORATION LLC	CARROLL	WASHINGTON	KRICHBAUM 2-14-5	1960	47809
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	AUGUSTA	WEST 4-15-5	5216	46169
2013	CHESAPEAKE EXPLORATION LLC	CARROLL	LOUDON	ANDERSON 31-12-4	457	44761
2013	CHESAPEAKE EXPLORATION LLC	CARROLL	PERRY	RAY HAYLEY 5-13-6	7349	43404
2013	CHESAPEAKE EXPLORATION LLC	CARROLL	LOUDON	JC ACRES 12-12-5	1199	38921
2013	CHESAPEAKE EXPLORATION LLC	CARROLL	LOUDON	WOODLAND 26-12-4	255	36358
2013	CHESAPEAKE EXPLORATION LLC	CARROLL	EAST	SCHMUCK 31-14-4	1161	36234
2013	CHESAPEAKE EXPLORATION LLC	CARROLL	LOUDON	WOODLAND 26-12-4	57	35619
2013	CHESAPEAKE EXPLORATION LLC	CARROLL	WASHINGTON	KRICHBAUM 2-14-5	920	35197
2013	CHESAPEAKE EXPLORATION LLC	CARROLL	PERRY	RAY HAYLEY 5-13-6	5700	34903
2013	CHESAPEAKE EXPLORATION LLC	CARROLL	LOUDON	ANDERSON 31-12-4	533	33320
2013	CHESAPEAKE EXPLORATION LLC	CARROLL	WASHINGTON	SCHMUCK FARMS 22-14-5	3868	32715
2013	CHESAPEAKE EXPLORATION LLC	CARROLL	EAST	SCHMUCK 31-14-4	538	31330
2013	CHESAPEAKE EXPLORATION LLC	CARROLL	LOUDON	JC ACRES 12-12-5	1396	30583
2013	CHESAPEAKE EXPLORATION LLC	CARROLL	EAST	SCHMUCK 31-14-4	689	30004
2013	CHESAPEAKE EXPLORATION LLC	CARROLL	EAST	SCHMUCK 31-14-4	726	28809
2013	CHESAPEAKE EXPLORATION LLC	CARROLL	WASHINGTON	SCHMUCK FARMS 22-14-5	2885	27224
2013	CHESAPEAKE EXPLORATION LLC	CARROLL	LOUDON	ANDERSON 31-12-4	108	19265
2013	CHESAPEAKE EXPLORATION LLC	CARROLL	LOUDON	JC ACRES 12-12-5	373	15936
2013	CHESAPEAKE EXPLORATION LLC	CARROLL	LOUDON	JC ACRES 12-12-5	116	14178
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	EAST	BUCEY 21-14-4	0	12929
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	BROWN	BOWLING 23-16-6	696	0
2013	CHESAPEAKE EXPLORATION LLC	CARROLL	LOUDON	JC ACRES 12-12-5	17	0
2013	CHESAPEAKE EXPL LLC (CELP)	CARROLL	BROWN	WHITACRE 26-17-7	0	0
2013	CHESAPEAKE EXPL LLC (CELP)	COLUMBIANA	FRANKLIN	MILLTREE 1-14-4	139	682221
2013	CHESAPEAKE EXPL LLC (CELP)	COLUMBIANA	FRANKLIN	MILLTREE 1-14-4	0	595381
2013	HILCORP ENERGY COMPANY	COLUMBIANA	SALEM	SALEM-GRUBBS	5	579076
2013	CHESAPEAKE EXPL LLC (CELP)	COLUMBIANA	HANOVER	HANOVER FARMS 34-15-4	3088	350066
2013	CHESAPEAKE EXPL LLC (CELP)	COLUMBIANA	WEST	AYRVIEW ACRES 27-16-5	25896	176771
2013	CHESAPEAKE EXPL LLC (CELP)	COLUMBIANA	WEST	HENDERSON 25-16-5	15318	153194
2013	CHESAPEAKE EXPL LLC (CELP)	COLUMBIANA	HANOVER	HANOVER FARMS 34-15-4	804	144245
2013	CHESAPEAKE EXPL LLC (CELP)	COLUMBIANA	WEST	AYRVIEW ACRES 27-16-5	16543	111705
2013	CHESAPEAKE EXPL LLC (CELP)	COLUMBIANA	WEST	AYRVIEW ACRES 27-16-5	10164	80956
2013	CHESAPEAKE EXPLORATION LLC	COLUMBIANA	FRANKLIN	HRUBY FARMS 10-14-4	449	55813
2013	CHESAPEAKE EXPL LLC (CELP)	COLUMBIANA	KNOX	SANOR FARMS 23-17-5	6253	50805
2013	CHESAPEAKE EXPL LLC (CELP)	COLUMBIANA	HANOVER	JAN PAUL FARMS 17-15-4	1752	20043
2013	CHESAPEAKE EXPL LLC (CELP)	COLUMBIANA	FRANKLIN	ALBANESO 24-14-4	0	0
2013	CHESAPEAKE EXPL LLC (CELP)	COLUMBIANA	MADISON	ROSEBUD 16-10-2	0	0
2013	CHESAPEAKE EXPL LLC (CELP)	COLUMBIANA	WASHINGTON	JANIE TRUST 5-12-3	0	0
2013	CHESAPEAKE EXPL LLC (CELP)	COLUMBIANA	FAIRFIELD	MELLINGER 7-12-2	0	0

2013	CHESAPEAKE EXPL LLC (CELP)	COLUMBIANA	MADISON	KERNICH 3-10-2	0	0
2013	CHESAPEAKE EXPL LLC (CELP)	COLUMBIANA	ELK RUN	MORRIS 28-11-2	0	0
2013	CHESAPEAKE EXPL LLC (CELP)	COLUMBIANA	HANOVER	TREBILCOCK SOUTH 25-15-4	0	0
2013	CHESAPEAKE EXPL LLC (CELP)	COLUMBIANA	ELK RUN	GRUBBS 6-11-2	0	0
2013	CHESAPEAKE EXPL LLC (CELP)	COLUMBIANA	SALEM	RIFFLE 21-15-3	0	0
2013	ANADARKO E&P ONSHORE LLC	COSHOCTON	MILL CREEK	COSH MILL CREEK	308	0
2013	PDC ENERGY INC	GUERNSEY	WILLS	DETWEILER	49156	202552
2013	R E GAS DEVELOPMENT LLC	GUERNSEY	MILLWOOD	J ANDERSON	10585	200978
2013	R E GAS DEVELOPMENT LLC	GUERNSEY	MILLWOOD	J ANDERSON	9027	186966
2013	R E GAS DEVELOPMENT LLC	GUERNSEY	MILLWOOD	J ANDERSON	9339	182848
2013	R E GAS DEVELOPMENT LLC	GUERNSEY	MILLWOOD	J ANDERSON	8957	170079
2013	R E GAS DEVELOPMENT LLC	GUERNSEY	MILLWOOD	J ANDERSON	6760	143628
2013	PDC ENERGY INC	GUERNSEY	RICHLAND	STIERS	37840	116785
2013	GULFPORT ENERGY CORP	GUERNSEY	MADISON	GROH	29547	106734
2013	ANADARKO E&P ONSHORE LLC	GUERNSEY	SPENCER	FREC GUER SPENCER	4992	103765
2013	EQT PRODUCTION COMPANY	GUERNSEY	VALLEY	CLARK	14400	95425
2013	PDC ENERGY INC	GUERNSEY	RICHLAND	STIERS	28185	81152
2013	EQT PRODUCTION COMPANY	GUERNSEY	VALLEY	CLARK	16373	79247
2013	PDC ENERGY INC	GUERNSEY	RICHLAND	STIERS	25028	67086
2013	PDC ENERGY INC	GUERNSEY	WILLS	ONEGA COMMISSIONERS	18889	63299
2013	EQT PRODUCTION COMPANY	GUERNSEY	SPENCER	SPENCER	10183	62117
2013	PDC ENERGY INC	GUERNSEY	WILLS	DETWEILER	12116	53450
2013	PDC ENERGY INC	GUERNSEY	WILLS	DETWEILER	10741	48557
2013	ANADARKO E&P ONSHORE LLC	GUERNSEY	SPENCER	FREC GUER SPENCER	3626	40036
2013	ENERVEST OPERATING LLC	GUERNSEY	WHEELING	RHDK INVESTMENTS 21-4-4	2472	34248
2013	PDC ENERGY INC	GUERNSEY	WILLS	COMMISSIONERS	7130	22590
2013	PDC ENERGY INC	GUERNSEY	WILLS	COMMISSIONERS	3928	11437
2013	HESS OHIO DEVELOPMENTS LLC	GUERNSEY	OXFORD	CNXGUE 10N7W	1839	0
2013	HESS OHIO DEVELOPMENTS LLC	GUERNSEY	OXFORD	CNXGUE 10N7W	1244	0
2013	HESS OHIO DEVELOPMENTS LLC	GUERNSEY	OXFORD	CNXGUE 10N7W	829	0
2013	DEVON ENERGY PRODUCTION CO	GUERNSEY	CENTER	THE CHUMNEY FAMILY TRUST	0	0
2013	DEVON ENERGY PRODUCTION CO	GUERNSEY	CENTER	THE CHUMNEY FAMILY TRUST	0	0
2013	GULFPORT ENERGY CORP	HARRISON	ATHENS	WAGNER	20346	1758664
2013	CHESAPEAKE EXPL LLC (CELP)	HARRISON	ARCHER	NORTH AMERICAN COAL ROY	2850	1056425
2013	GULFPORT ENERGY CORP.	HARRISON	ATHENS	WAGNER	13992	1038528
2013	GULFPORT ENERGY CORP.	HARRISON	ATHENS	WAGNER	4983	803766
2013	GULFPORT ENERGY CORP	HARRISON	MOOREFIELD	BK STEPHENS	34326	656343
2013	GULFPORT ENERGY CORP	HARRISON	MOOREFIELD	STOUT	21187	475410
2013	GULFPORT ENERGY CORP	HARRISON	MOOREFIELD	RYSER	35916	352104
2013	GULFPORT ENERGY CORP	HARRISON	NOTTINGHAM	BOY SCOUT	63466	339669
2013	GULFPORT ENERGY CORP	HARRISON	NOTTINGHAM	BOY SCOUT	43081	262181
2013	GULFPORT ENERGY CORP.	HARRISON	NOTTINGHAM	BOY SCOUT	67712	260559
2013	GULFPORT ENERGY CORP	HARRISON	MOOREFIELD	STOUT	44640	258540
2013	HESS OHIO DEVELOPMENTS LLC	HARRISON	ATHENS	CNXHAR9N5W	4182	251310
2013	GULFPORT ENERGY CORP.	HARRISON	FREEPORT	CLAY	28238	242209
2013	CHESAPEAKE EXPL LLC (CELP)	HARRISON	STOCK	HENDERSON SOUTH 10-12-6	38609	214413
2013	HESS OHIO DEVELOPMENTS LLC	HARRISON	CADIZ	CNXHAR10N5W	10748	203684
2013	CHESAPEAKE EXPL LLC (CELP)	HARRISON	STOCK	HENDERSON SOUTH 10-12-6	34608	203161
2013	HESS OHIO DEVELOPMENTS LLC	HARRISON	ATHENS	CNXHAR9N5W	5182	203032
2013	CHESAPEAKE EXPL LLC (CELP)	HARRISON	STOCK	RENSI SOUTH 4-12-6	23158	197590
2013	CHESAPEAKE EXPL LLC (CELP)	HARRISON	STOCK	ADDY 9-12-6	31538	186139
2013	CHESAPEAKE EXPL LLC (CELP)	HARRISON	STOCK	RENSI SOUTH 4-12-6	20908	177658
2013	CHESAPEAKE EXPL LLC (CELP)	HARRISON	STOCK	ADDY 9-12-6	30649	177362
2013	CHESAPEAKE EXPL LLC (CELP)	HARRISON	STOCK	STUART HENDERSON 11-12-6	27951	173767
2013	CHESAPEAKE EXPL LLC (CELP)	HARRISON	STOCK	RENSI SOUTH 4-12-6	19320	172708
2013	GULFPORT ENERGY CORP.	HARRISON	FREEPORT	CLAY	17665	171425
2013	CHEVRON APPALACHIA LLC	HARRISON	WASHINGTON	KINSEY	38437	165834

2013	HESS OHIO DEVELOPMENTS LLC	HARRISON	ATHENS	CNXHAR9N5W	2615	164595
2013	GULFPORT ENERGY CORP.	HARRISON	NOTTINGHAM	BOY SCOUT	32002	162424
2013	GULFPORT ENERGY CORP	HARRISON	FREEPORT	CLAY	16480	159560
2013	CHESAPEAKE EXPL LLC (CELP)	HARRISON	STOCK	STUART HENDERSON 11-12-6	20629	139941
2013	GULFPORT ENERGY CORPORATION	HARRISON	FREEPORT	MILLIKEN	19309	136220
2013	GULFPORT ENERGY CORPORATION	HARRISON	MOOREFIELD	BK STEPHENS	16160	134498
2013	GULFPORT ENERGY CORPORATION	HARRISON	MOOREFIELD	BK STEPHENS	16146	132778
2013	CHESAPEAKE EXPL LLC (CELP)	HARRISON	STOCK	ADDY 9-12-6	21940	127879
2013	CHEVRON APPALACHIA LLC	HARRISON	WASHINGTON	KINSEY	30971	124810
2013	GULFPORT ENERGY CORPORATION	HARRISON	MOOREFIELD	RYSER	25755	120303
2013	GULFPORT ENERGY CORP.	HARRISON	FREEPORT	CLAY	8511	116288
2013	GULFPORT ENERGY CORP.	HARRISON	WASHINGTON	LYON	22292	114523
2013	CHESAPEAKE EXPL LLC (CELP)	HARRISON	STOCK	RENSI 4-12-6	15826	106544
2013	GULFPORT ENERGY CORP	HARRISON	WASHINGTON	LYON	16190	103882
2013	GULFPORT ENERGY CORPORATION	HARRISON	MOOREFIELD	RYSER	18240	99965
2013	CHESAPEAKE EXPLORATION LLC	HARRISON	RUMLEY	GOTSHALL 14-12-5	4573	98194
2013	GULFPORT ENERGY CORPORATION	HARRISON	MOOREFIELD	RYSER	15121	91094
2013	CHESAPEAKE EXPLORATION LLC	HARRISON	RUMLEY	GOTSHALL 14-12-5	3496	89560
2013	CHESAPEAKE EXPL LLC (CELP)	HARRISON	STOCK	RENSI 4-12-6	9911	72332
2013	GULFPORT ENERGY CORP	HARRISON	WASHINGTON	LYON	23209	71273
2013	CHESAPEAKE EXPLORATION LLC	HARRISON	RUMLEY	GOTSHALL 14-12-5	3215	65532
2013	CHESAPEAKE EXPLORATION LLC	HARRISON	STOCK	KIDD 21-12-6	11980	49833
2013	CHESAPEAKE EXPL LLC (CELP)	HARRISON	STOCK	RENSI 4-12-6	7434	47251
2013	ATLAS NOBLE LLC	HARRISON	NORTH	REESE/CRAMBLETT	14473	33595
2013	ATLAS NOBLE LLC	HARRISON	NORTH	REESE/CRAMBLETT	8974	24830
2013	ATLAS NOBLE LLC	HARRISON	NORTH	REESE/CRAMBLETT	10069	24667
2013	CHESAPEAKE EXPLORATION LLC	HARRISON	STOCK	KIDD 21-12-6	4782	23527
2013	ATLAS NOBLE LLC	HARRISON	NORTH	REESE/CRAMBLETT	9871	20585
2013	ATLAS NOBLE LLC	HARRISON	NORTH	REESE/CRAMBLETT	2643	130
2013	HESS OHIO DEVELOPMENTS LLC	HARRISON	GREEN	CNXHAR9N4W	0	0
2013	HESS OHIO RESOURCES LLC	JEFFERSON	WAYNE	NAC GAS UNIT B	40	808921
2013	CHESAPEAKE EXPL LLC (CELP)	JEFFERSON	SPRINGFIELD	CAIN SOUTH 16-12-4	0	750691
2013	CHESAPEAKE EXPLORATION LLC	JEFFERSON	SPRINGFIELD	CAIN 16-12-4	0	699915
2013	CHESAPEAKE EXPL LLC (CELP)	JEFFERSON	BRUSH CREEK	BROWN 36-11-3	0	556598
2013	CHESAPEAKE EXPL LLC (CELP)	JEFFERSON	BRUSH CREEK	BROWN 36-11-3	0	545547
2013	CHESAPEAKE EXPL LLC (CELP)	JEFFERSON	SPRINGFIELD	BOOTH 23-11-4	0	503971
2013	HESS OHIO DEVELOPMENTS LLC	JEFFERSON	CROSS CREEK	NAC	0	305033
2013	HESS OHIO RESOURCES LLC	JEFFERSON	CROSS CREEK	NAC	0	580
2013	CHESAPEAKE APPALACHIA LLC	JEFFERSON	SALEM	DENOON 5-10-3	0	0
2013	CHESAPEAKE APPALACHIA LLC	JEFFERSON	WELLS	ZIMNOX 17-5-2	0	0
2013	CHESAPEAKE EXPL LLC (CELP)	JEFFERSON	SPRINGFIELD	VAHALIK 18-11-4	0	0
2013	CHESAPEAKE EXPLORATION LLC	JEFFERSON	WELLS	ZIMNOX 17-5-2	0	0
2013	HESS OHIO RESOURCES LLC	JEFFERSON	CROSS CREEK	NORTH AMERICAN COAL	0	0
2013	HESS OHIO RESOURCES LLC	JEFFERSON	SMITHFIELD	SMITHFIELD A	0	0
2013	HILCORP ENERGY COMPANY	MAHONING	POLAND	POLAND-CLL1	80	707720
2013	HALCON OPERATING CO INC.	MAHONING	JACKSON	DAVIDSON	843	6339
2013	CNX GAS COMPANY LLC	MAHONING	JACKSON	CADLE	2122	0
2013	CNX GAS COMPANY LLC	MAHONING	JACKSON	CADLE	440	0
2013	CHESAPEAKE EXPL LLC (CELP)	MAHONING	MILTON	GEATCHES MAH	0	0
2013	CNX GAS COMPANY LLC	MAHONING	ELLSWORTH	HENDRICKS	0	0
2013	ANTERO RESOURCES CORPORATION	MONROE	SENECA	ET RUBEL UNIT	4532	1576790
2013	ANTERO RESOURCES CORPORATION	MONROE	SENECA	YONTZ UNIT	169	1444621
2013	ANTERO RESOURCES CORPORATION	MONROE	SENECA	ET RUBEL UNIT	1220	1365378
2013	ANTERO RESOURCES CORPORATION	MONROE	SENECA	GARY UNIT	2959	1329318
2013	ANTERO RESOURCES CORPORATION	MONROE	SENECA	NORMAN UNIT	227	1260894
2013	ANTERO RESOURCES CORPORATION	MONROE	SENECA	ET RUBEL UNIT	893	1260192
2013	STATOIL USA ONSHORE PROP INC	MONROE	OHIO	EISENBARTH	26594	274060

2013	HG ENERGY LLC	MONROE	WASHINGTON	WHITACRE ENTERPRISES INC	0	232748
2013	ECLIPSE RESOURCES I LP	MONROE	GREEN	TIPPENS UNIT	0	213460
2013	HG ENERGY LLC	MONROE	WASHINGTON	WHITACRE ENTERPRISES INC	0	188484
2013	HG ENERGY LLC	MONROE	WASHINGTON	WHITACRE ENTERPRISES INC	0	145278
2013	HALL DRILLING LLC (OIL & GAS)	MONROE	FRANKLIN	WOLF PEN	0	126960
2013	HG ENERGY LLC	MONROE	WASHINGTON	WHITACRE ENTERPRISES INC	0	123380
2013	HG ENERGY LLC	MONROE	WASHINGTON	WHITACRE ENTERPRISES INC	0	97584
2013	HG ENERGY LLC	MONROE	WASHINGTON	WHITACRE ENTERPRISES INC	0	84617
2013	ECLIPSE RESOURCES I LP	MONROE	GREEN	TIPPENS UNIT	0	63
2013	TRIAD HUNTER LLC	MONROE	OHIO	ORMET CORP	2070	0
2013	TRIAD HUNTER LLC	MONROE	OHIO	ORMET	1446	0
2013	TRIAD HUNTER LLC	MONROE	OHIO	ORMET CORP	1120	0
2013	TRIAD HUNTER LLC	MONROE	OHIO	ORMET CORP	0	0
2013	XTO ENERGY INC.	MONROE	SWITZERLAND	MONROE NORTH UNIT	0	0
2013	XTO ENERGY INC.	MONROE	SWITZERLAND	MONROE NORTH UNIT	0	0
2013	ANADARKO E&P ONSHORE LLC	MUSKINGUM	MEIGS	FREC MEIGS	8802	48276
2013	R E GAS DEVELOPMENT LLC	NOBLE	BEAVER	NOBLE UNIT	10635	658248
2013	R E GAS DEVELOPMENT LLC	NOBLE	BEAVER	GUERNSEY	14200	603408
2013	R E GAS DEVELOPMENT LLC	NOBLE	BEAVER	GUERNSEY	13561	582589
2013	ANTERO RESOURCES CORPORATION	NOBLE	SENECA	WAYNE UNIT	45446	452374
2013	ANTERO RESOURCES CORPORATION	NOBLE	SENECA	WAYNE UNIT	34684	353157
2013	ANTERO RESOURCES CORPORATION	NOBLE	SENECA	WAYNE UNIT	31938	325697
2013	CNX GAS COMPANY LLC	NOBLE	STOCK	CNX GAS COMPANY LLC	251	296597
2013	ANTERO RESOURCES CORP	NOBLE	SENECA	MILEY UNIT	41880	269610
2013	ANADARKO E&P ONSHORE LLC	NOBLE	BROOKFIELD	FREC NOBL BROOKFIELD	9075	197372
2013	ANTERO RESOURCES CORPORATION	NOBLE	BUFFALO	SANFORD UNIT	24084	194737
2013	ANTERO RESOURCES CORPORATION	NOBLE	SENECA	MILEY UNIT	21340	184243
2013	ANADARKO E&P ONSHORE LLC	NOBLE	SHARON	FREC NOBL SHARON	12100	149284
2013	ANTERO RESOURCES CORPORATION	NOBLE	BEAVER	DOLLISON UNIT	2270	0
2013	CNX GAS COMPANY LLC	NOBLE	ENOCH	RESERVE COAL PROPERTIES C	2217	0
2013	CNX GAS COMPANY LLC	NOBLE	ENOCH	RESERVE COAL PROPERTIES C	2051	0
2013	CNX GAS COMPANY LLC	NOBLE	ENOCH	RESERVE COAL PROPERTIES C	1160	0
2013	ANTERO RESOURCES CORPORATION	NOBLE	SENECA	NEUHART UNIT	952	0
2013	ANTERO RESOURCES CORPORATION	NOBLE	SENECA	MILLIGAN UNIT	880	0
2013	ANTERO RESOURCES CORPORATION	NOBLE	SENECA	COAL UNIT	716	0
2013	ANTERO RESOURCES CORPORATION	NOBLE	SENECA	MILLIGAN UNIT	676	0
2013	ANTERO RESOURCES CORPORATION	NOBLE	SENECA	COAL UNIT	384	0
2013	ANTERO RESOURCES CORPORATION	NOBLE	SENECA	MILLIGAN UNIT	374	0
2013	ANADARKO E&P ONSHORE LLC	NOBLE	OLIVE	FREC NOBL OLIVE	0	0
2013	CNX GAS COMPANY LLC	NOBLE	SENECA	RESERVE COAL PROPERTIES C	0	0
2013	CNX GAS COMPANY LLC	PORTAGE	ROOTSTOWN	ASHER	1089	20235
2013	MOUNTAINEER KEYSTONE	PORTAGE	WINDHAM	SOINSKI 99-04-06	241	0
2013	MOUNTAINEER KEYSTONE	PORTAGE	WINDHAM	SOINSKI 99-04-06	235	0
2013	CHESAPEAKE EXPL LLC (CELP)	PORTAGE	SUFFIELD	HOSEY POR	0	0
2013	ENERVEST OPERATING LLC	STARK	MARLBORO	FRANK UNIT	8851	106885
2013	CHESAPEAKE EXPL LLC (CELP)	STARK	OSNABURG	DREVON 29-18-7	6531	89120
2013	HALCON OPERATING CO INC	TRUMBULL	LORDSTOWN	KIBLER	14255	94637
2013	HALCON OPERATING CO INC	TRUMBULL	HARTFORD	BRUGLER	2473	41845
2013	BP AMERICA PRODUCTION COMPANY	TRUMBULL	JOHNSTON	LENNINGTON	2493	24185
2013	BP AMERICA PRODUCTION COMPANY	TRUMBULL	HARTFORD	BUCKEYE	378	20322
2013	BRAMMER ENGINEERING INC	TRUMBULL	MECCA	MORRISON	1078	9487
2013	BP AMERICA PRODUCTION COMPANY	TRUMBULL	MECCA	ZEROVICH	746	2884
2013	HALCON OPERATING CO INC.	TRUMBULL	VIENNA	AVALON	269	2560
2013	BP AMERICA PRODUCTION COMPANY	TRUMBULL	JOHNSTON	JEWETT	0	0
2013	CNX GAS COMPANY LLC	TUSCARAWAS	AUBURN	TROYER	3962	95819
2013	CHESAPEAKE EXPL LLC (CELP)	TUSCARAWAS	WARREN	GRIBI 1-9-1	7370	53334
2013	CNX GAS COMPANY LLC	TUSCARAWAS	BUCKS	BEACHY	871	0
2013	PDC ENERGY INC	WASHINGTON	ADAMS	GARVIN	8451	291542
2013	PDC ENERGY INC	WASHINGTON	WATERFORD	NEILL	3061	24222
2013	TRIAD HUNTER LLC	WASHINGTON	AURELIUS	FARLEY	526	0
2013	DEVON ENERGY PRODUCTION CO	WAYNE	EAST UNION	HERSHBERGER	0	0
2013 Total					3677734	1E+08

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