

JOHN J. GRIFFIN (RETIRED)
W. MARSHALL DAWSEY (RETIRED)
RINALDO A. DEPAOLA
CHRISTOPHER D. JONES
DARREN A. MENDRZYCKI

LAW OFFICES
101 MAIN STREET
TOWANDA, PENNSYLVANIA 18848
(570) 265-2175
FAX (570) 265-9718

June 25, 2013

Hon. Gene Yaw, Chairman
Senate Environmental Resources and Energy Committee
State Capitol Building, Room 262
Harrisburg, Pennsylvania 17120

**RE: Testimony of Christopher D. Jones, Esquire
Regarding royalty stub transparency issues and post-production costs
Senate Environmental Resources and Energy Committee**

Dear Mr. Chairman:

Good morning. I would like to thank Chairman Yaw and the members of the Senate Environmental Resources and Energy Committee for inviting me to testify regarding royalty stub transparency issues and post-production costs. By way of background, my name is Christopher D. Jones, and I am an attorney at the Law Office of Griffin, Dawsey, DePaola & Jones P.C. My office is a general practice office located in Towanda, Pennsylvania and has been representing citizens of Bradford County and the surrounding Counties for over 60 years. Since the beginning of the Marcellus Shale gas boom we have been representing clients in all types of issues, such as leases, property rights, oil, gas and mineral rights, estate issues, and natural gas development.

Over the last few years, the focus of my representation has shifted to concerns and warranted confusion regarding royalty statements, review of division orders, and issues surrounding post-production costs. I am here today to discuss these issues that I have seen the citizens of Bradford County face.

By way of brief history, many of the sizeable landowners signed gas leases in Bradford County for years for little consideration and with no expectation that there would ever be any development. When the Marcellus Shale gas boom hit our area, there were many landowners whose property was already tied up with an oil and gas lease. Unfortunately, many of these individuals were primarily the rural farmers. As you are aware, many of our Pennsylvania farmers have been hurting for many years financially, and these individuals were not able to benefit from the new increase in the price for oil and gas leases. (Some of the older leases paid \$5.00 per acre whereas there were some newer leases that have paid \$6,500.00 per acre) These landowners were also faced with having leases that provided the lowest royalty payment being 1/8 or 12.5% .

In 2010 and 2011, I began seeing clients that were receiving gas royalties. These clients had older leases that would expire in a few years. It was obviously important for the gas industry to develop these properties first so that they could hold their leases and avoid having to pay much higher lease payments and higher royalties. Although the landowners who had signed older leases were not happy, many were initially satisfied as they were some of the first to receive royalties.

Some leases specifically stated that the royalties would be paid after post-productions were deducted. However, there were also many older leases that were signed that did not specifically state that there would be post-production costs deducted. (see Exhibit 1). Not only did these leases fail to state that post-production costs would be deducted, but many of the individuals were specifically advised, at the time that they entered into the lease, that there would not be any deduction.

In 2009-2011 as these properties were producing natural gas, the royalties were generally being paid by the gas companies without deducting any costs. Then in 2012 everything changed. In January of 2012, my clients began receiving letters from Chesapeake Energy advising that they would begin taking post-production costs from their royalties and that they would take them retroactively to the time when royalty payments began. (See Exhibit "2") Chesapeake did this unilaterally. In fact, I still have clients who have yet to receive a royalty check from Chesapeake.

From leases that I have reviewed from January of 2012 to the present, most gas companies have been deducting post-production costs. It should be pointed out that this is not consistent of all of the gas companies. For example, I have yet to see an example where Statoil has deducted post-production costs from royalties.

The companies who are deducting costs are relying upon the Pennsylvania Supreme Court's decision in the case of *Herbert Kilmer et. al. vs. Elexco Land Services, Inc. et. al.*, 605 Pa. 413, 990 A.2d 1147 (Pa. 2010). I am sure that you are aware of this case. However, it is important to note that in the Kilmer lease, it is clearly stated that royalties would be paid after deducting post-production costs. That lease stated:

“Royalty Payment. For all Oil and Gas Substances that are produced and sold from the leased premises. *Lessor shall receive as its royalty one eighth (1/8th) of the sales proceeds actually received by Lessee from the sale of such production, less this same percentage share of all Post-production Costs, as defined below, and this same percentage share of all production, severance and ad valorem taxes. As used in this provision, Post-production Costs shall mean (i) all losses of produced volumes (whether by use as fuel, line loss, flaring, venting or otherwise) and (ii) all costs actually incurred by Lessee from and after the wellhead to the point of sale, including, without limitation, all gathering, dehydration, compression, treatment, processing, marketing and transportation costs incurred in connection with the sale of such production. For royalty calculation purposes, Lessee shall never be required to adjust the sales proceeds to account for the purchaser's costs or charges downstream from the point of sale.*”

This language is not the case in many of the leases that I have reviewed. How are Landowners somehow supposed to understand that when lease language states they would be paid a royalty on the market value at the wellhead, this meant that the gas company would deduct post-production costs? It is further unsettling that when at the time landowners entered into their leases, they were specifically advised that the language in their lease would not allow deductions. Even more unsettling are the situations where the leases include specific addendums placed in the lease to protect against deductions, and the gas companies still deduct these costs.

The Court in *Kilmer*, ultimately decided that the Guaranteed Minimum Royalty Act permitted the calculation of royalties at the wellhead after deducting post-production costs. This was based upon the Supreme Court’s interpretation of the definition of royalty, due to the fact that it was not clearly defined in the statute. It should be noted that the Supreme Court stated:

Given the current state of the industry where the wellhead and the point of sale are not the same, we are required to interpret which valuation point is most consistent with the language of the statute.¹⁴ This requires us to define royalty.

Footnote 14

We note that the General Assembly is the branch of government best suited to weigh the public policies underlying the determination of the proper point of royalty valuation in the deregulated gas industry. However, until the General Assembly acts to specify the point of valuation, we must interpret the statute as written, prior to deregulation.

Therefore, the Supreme Court did leave the door open for the General Assembly to define where the proper point of royalty valuation should be. A determination by the General Assembly would provide stability for both the citizens of the Commonwealth as well as the gas industry.

The issue of post-production deductions is further complicated by the baffling and confounding complexities of royalty statements. A landowner in a producing gas unit may receive four or five statements a month depending on the number of companies that share in the royalty. Each of these companies have different ways of calculating royalties. I have attached Exhibit "3" as a small sampling of statements so you can see the issues landowners are facing when trying to decipher and verify their royalty payments. This exhibit includes statements from a Chesapeake developed well. (Please note that this is from a lease as provided in Exhibit "1")

Royalty calculations should be made by taking the gross volume multiplied by the price sold, which is then multiplied by the royalty owner's decimal interest. As you can see from Exhibit "3", each company's royalty statements list different volumes, different prices that they sell the gas for, as well as different owner decimal interest. Next, in comparing the statements you can see that Chesapeake, Anadarko, and Mitsui, deduct costs from the royalties, however, Statoil does not. These deductions are listed as gathering, third party, fuel and transportation. You can also see that in these samples the basic deduction is approximately 26-30%. The Chesapeake statements have an additional deduction referenced as "MISCELLANEOUS RECOUPMENT PA". I believe that this is based upon their interpretation of *Kilmer* and their retroactive application. Clearly, there isn't any specific indication as to what is being paid from the category "gathering". For further confusion to property owners, I present to you Exhibit "4". This exhibit is another royalty statement, which happens to be 17 pages long.

I will next draw your attention to Exhibit "5". It is a spreadsheet that was created by an accountant who was keeping track of royalty statements for six different individuals who all have the same lease. He drafted this spreadsheet from the Otten 1H well that is being produced by Chesapeake in Bradford County.

This spreadsheet, made from Chesapeake statements, shows many egregious problems. For example, in looking at the months, the gross volume listed in a month from the same well is different for each and every royalty owner. One thing that should be constant between landowners in the same unit is the gross volume. The other issue that I would like to draw your attention to, is the fact that Chesapeake sells the same gas for different prices, for different landowners. How can this occur? An even more unbelievable fact that can be garnered from

this spreadsheet is that gross production numbers are repeated. This is a statistical miracle! This is compounded by the fact that there is no plausible way to verify the numbers. Pennsylvania DEP publishes production numbers for each well in Pennsylvania. However, these numbers are only published biannually, and it specifically states on their website that this is a "self-reporting system, meaning that data is reported from producers to DEP". (See Exhibit "6") This system is inherently flawed given the fact that we are to rely on the accuracy of the producers.

The final issue that I would to discuss are the numerous misrepresentations to landowners. As previously discussed, the *Kilmer* case was based on a lease that specifically stated post-production costs would be deducted from the royalty. However, I have dealt with many leases that were entered into that do not specifically state that post-production costs would be deducted. Property owners entered into these leases with the understanding that their lease would pay them royalty without deductions. This understanding was based upon the promises and misrepresentations made by the presenter of the lease. I have interviewed many property owners who advised me that they were told that at the time that they entered into the lease that they would be paid a royalty without any deductions. These are the same leases that were entered into prior to any gas development, for very little lease money, and with the least amount of royalty percentage. Although these leases were entered into with the promise that there would be no deductions, deductions are now being taken by the gas companies based upon their interpretation of the *Kilmer* decision.

Then there are the newer leases that were presented to the property owners that specifically called for deductions to be taken out. As a result of this, many landowners individually or through their attorneys, requested addendums that would alter the terms of the royalty payment so that royalties would be made without any sort of deductions. Again, these leases were entered into by landmen and from employees of the gas companies, with the promise that royalties would be paid without deductions. (See Exhibit "7") Under these newer type leases, the gas companies are again deducting post-production costs from the royalty. The letter of explanation from Chesapeake states that their excuse for these deductions is due to the payment arrangement that they have with a company that is an owned subsidiary of Chesapeake. (see Exhibits "8" and "9"). In my opinion, this is an absolute misrepresentation.

Although I have just discussed the complex and confusing problems that are facing citizens in the Marcellus Shale regions, I would submit that there are solutions available to help these innocent landowners.

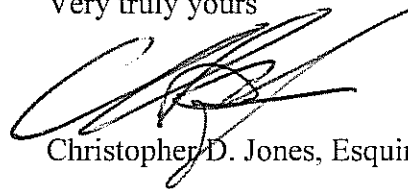
First, I would request that the Pennsylvania Legislature define the term “royalty”, which was asked of you by the Supreme Court in the *Kilmer* case. Obviously, as an advocate for property owners, I would request that you define royalty so that gas companies would be required to pay royalties based upon the gross revenue to the point of sale, without deductions for post-production costs. This would include all deductions that are based upon transactions between companies that have control or ownership between each other. (example: Chesapeake to Chesapeake Energy Marketing Inc.)

Second, in addition to the above I would implore the Legislature to regulate monthly verifications and publications of the volume produced from each well.

Finally, I would ask the Legislature to expand the Unfair Trade Practices and Consumer Protection Laws to prevent the types of improprieties and misrepresentations which I have discussed with you here today. This expansion would also empower the Pennsylvania Attorney General’s office to come to the aid of our citizens.

Thank you for providing me the opportunity to testify here today.

Very truly yours



Christopher D. Jones, Esquire

**OIL AND GAS LEASE
PAID-UP**

COPY

AGREEMENT, Made and entered into this 28th day of February A.D. 2006 by and between _____

hereinafter called LESSOR, and T.S. Calkins & Associates, Inc., P.O. Box 198, Bradford, PA 16701 hereinafter called LESSEE.

WITNESSETH, that for and in consideration of one dollar and other good and valuable consideration in hand paid by the said LESSEE, the receipt whereof is hereby acknowledged, and the further consideration of the agreement hereinafter contained, LESSOR and LESSEE agree to the following. LESSOR hereby grants, demises, leases and lets exclusively to LESSEE the oil and gas, including coalbed methane gas, underlying the land herein leased, together with such exclusive rights as may be necessary or convenient for LESSEE, at its election, to explore for, develop, produce, measure and market production from the premises, using methods and techniques which are not restricted to current technology, including the exclusive right to conduct geophysical and other exploratory tests; to conduct dewatering operations upon formations in which LESSEE plans to produce coalbed methane gas; to drill, maintain, operate, cease to operate, plug, abandon, and remove wells; to use or install roads, electric power and telephone facilities, pipelines with appurtenant facilities, necessary or convenient for use in the production and transportation of products from the premises and from neighboring lands, and such rights shall survive the term of this agreement for so long thereafter as operations are continued on this Lease or adjacent lands; to use oil, gas, and non-domestic water sources, free of cost, to store gas of any kind underground regardless of the source thereof, including the injecting of gas therein and removing the same therefrom; to protect stored gas; to operate, maintain, repair, and remove material and equipment.

This Lease covers the premises, all or in part, in the Township(s) of Asylum, County of Bradford and State of Pennsylvania, bounded substantially by lands now or formerly owned as follows:

On the North by: _____

On the East by: _____

On the South by: _____

On the West by: _____

Deed Book & Page (for ref. only) _____

Tax Map No. (for ref. only) _____

containing for the purpose of calculating rentals and royalties, 61.37 acres whether actually containing more or less. In addition to the above described land, any and all strings or parcels of land adjoining or contiguous to the above described land and owned or claimed by LESSOR are hereby leased to LESSEE. All tracts or parcels of land leased to LESSEE herein, including strata and horizons underneath the surface thereof, are herein referred to as "the premises."

For purposes of this Lease, oil and gas includes all hydrocarbons and other substances produced or associated therewith, including coalbed methane gas.

It is agreed that this Lease shall remain in full force and effect until midnight on the 5th anniversary of the date hereof (the primary term) and as long thereafter as (1) drilling operations continue with due diligence, provided that LESSEE has commenced drilling operations on any portion of the premises or any lands pooled or unitized therewith, within the primary term, (2) an application for a drilling permit is pending with the appropriate authorities, and LESSEE, after grant of such permit, commences drilling operations within a reasonable time thereafter and continues same with due diligence, provided said permit application was filed prior to the expiration of the primary term, (3) oil and gas or either of them is produced or withdrawn from any portion of the premises or any lands pooled or unitized therewith, (4) gas storage operations are conducted in or on any portion of the premises, or (5) a completed oil or gas well would be capable of producing oil or gas from any portion of the premises or any lands pooled or unitized therewith, but for acts of God, unavailability or interruption of markets or pipelines, delays due to pending governmental or regulatory authorization, or any other causes, which have caused LESSEE not to commence production from such well or to suspend production from such well.

IN CONSIDERATION OF THE PREMISES:

A. The LESSEE covenants and agrees as follows:

1st - LESSEE shall pay the LESSOR on oil and liquid hydrocarbons produced and saved from the premises and used off the premises or lands pooled therewith or sold (whether to an affiliated or non-affiliated purchaser), the market value at the well of one-eighth (1/8) of the oil and liquid hydrocarbons so used or sold, or deliver to the credit of LESSOR, free of cost, into tank reservoirs or into the pipeline to which LESSEE may connect his wells the equal one-eighth (1/8th) part of all oil or liquid hydrocarbons produced and saved from the premises, and shall pay the LESSOR on gas, including casinghead gas, coalbed methane gas and other gaseous substances, produced from the premises and used off the premises or lands pooled therewith or in the manufacture of gasoline, or other products therefrom, or sold (whether to an affiliated or non-affiliated purchaser) the market value at the well of one-eighth (1/8th) of the gas so used or sold. In no event shall the gas royalty payable hereunder be computed on the basis of a price the collection of which by LESSEE is unlawful or prohibited by order or regulation of any governmental authority having jurisdiction, and market value at the well shall not exceed the amount realized by LESSEE for such production computed at the well. Payment for royalties in accordance herewith shall constitute full compensation for the gas and all of its components. Prior to payment of royalty, LESSOR shall execute a Division Order setting forth LESSOR's interest in production. LESSEE may pay all taxes and fees levied upon LESSOR's royalty share of production of oil and gas, and deduct the amount so paid from any monies payable to LESSOR hereunder. No royalty shall be due on stored gas produced from the premises or on gas produced from a storage formation or formations thereunder.



2nd - If at any time after the primary term hereof there is a well capable of producing gas in paying quantities located upon the premises or on lands pooled therewith but such well is shut-in (whether before or after production) and this lease is not maintained in force by operations, including but not limited to dewatering, or production at any well, by gas storage, or by other activity or event, nevertheless it shall be considered that gas is being produced in paying quantities within the meaning of this lease. If at any time or times after the expiration of the primary term, all wells located upon the leased premises or lands pooled or unitized therewith (whether classified as oil wells or gas wells) are shut-in for a period of ninety (90) consecutive days, and during such time there are no other operations being conducted on the premises or lands pooled or unitized therewith, then on or before the expiration of said ninety day period, Lessee shall pay or tender to Lessor hereunder, or to those entitled to the royalties provided in this lease (as shown by Lessee's records) at the addresses shown by Lessee's records, a shut-in royalty equal to \$2.00 per acre for the acreage held under this lease (as shown by Lessee's records) at the time such payment or tender is made, and it shall be considered that gas is being produced from the premises. Lessee shall make like payments or tenders at or before the end of each anniversary of the expiration of said ninety day period if upon such anniversary this lease is being continued in force solely by reason of the provisions of this shut-in provision. Lessee's failure to timely or correctly pay or tender the shut-in royalty for any year shall not operate to terminate this lease or serve as a basis for its cancellation, but Lessee shall correct any erroneous payment or tender, when notified thereof, and if late then Lessee shall make the correcting payment or tender with interest at the rate of seven (7%) percent per annum to those to whom such shut-in royalty was not timely or correctly paid or tendered. As long as any well is shut-in, it shall be considered for the purposes of maintaining this lease in force that gas is being produced in paying quantities and this lease shall continue in effect both before and after the primary term.

3rd - To pay to LESSOR an annual storage rental of \$2.00 per acre for the utilization of one or more strata in the premises for storage operations, for so long as any stratum is so utilized, and to give to LESSOR written notice of the use of the premises for storage operations; and it is agreed that said storage rental is in lieu of royalty payments, except that storage rental and royalty payments shall be paid simultaneously by LESSEE if LESSEE simultaneously conducts storage operations in one or more strata in the premises and produces oil or gas from one or more other strata; and it is further agreed that the termination of gas storage operations shall be a full liquidation of all storage rental during the remainder of the term of this Lease.

4th - To correct any damages LESSEE may cause to crops, fences or structures as a result of its operations, and to restore, as nearly as reasonably practicable, all surface used by LESSEE to its condition existing as of the date of this lease.

5th - To drill no well within two hundred (200) feet of any dwelling or barn now on the premises without the written consent of the LESSOR.

B. The LESSOR covenants and agrees as follows:

1st - To erect no dwelling or barn within two hundred (200) feet of any producing well drilled on the premises, or within fifty (50) feet of any pipeline, without the written consent of the LESSEE.

2nd - That LESSOR has full title to the premises and to all the oil and gas therein at the time of granting this Lease, and forever warrants title to the leasehold estate hereby conveyed to LESSEE, that LESSEE shall have exclusive, full and quiet possession of the premises for the purposes set forth herein, and that LESSOR shall not interfere in the operations of LESSEE hereunder.

C. It is mutually agreed by and between LESSOR and LESSEE as follows:

1st - LESSEE shall have the right at any time to redeem for LESSOR, or otherwise acquire for payment, any mortgage or any other liens or encumbrances upon the premises that may in any manner affect the LESSEE's interest therein, and LESSEE shall be subrogated in full to all the rights of the holder thereof the same as if LESSEE were the original owner of said mortgage, lien or encumbrance, and LESSEE may reimburse itself by applying to the discharge of any such mortgage, lien or other encumbrance any royalty or rental owed or accruing hereunder.

2nd - LESSEE shall have the exclusive right to employ all or any of the oil or gas strata in the premises for the storage of gas, and may reopen and reclaim any and all abandoned wells on the premises that may have penetrated said strata, or drill new wells on the premises, for the purpose of freely introducing and storing gas in such strata and recovering gas therefrom. A well need not be drilled, reopened or reclaimed on the premises in order for gas to be stored in the premises. LESSEE shall be the sole judge as to whether gas is being stored in the premises, and its determination shall be final and conclusive. Storage of gas hereunder shall not diminish any of LESSEE's other rights under this Lease.

3rd - If LESSOR owns less than all of the oil and gas rights in the premises, LESSOR shall be entitled to only a share of the rentals and royalties equivalent to the proportion of such oil and gas rights owned by LESSOR. If LESSOR owns less than all of the storage rights in the premises, LESSOR shall be entitled to a proportionate share of storage rentals equivalent to the proportion of such storage rights owned by LESSOR. Unless deeds of conveyance or other instruments of record otherwise provide, storage rentals shall be apportioned equally between ownership of the surface of the premises and ownership of the gas rights therein. If LESSEE makes rental or royalty payments to LESSOR in excess of LESSOR's entitlement thereto, LESSOR shall refund to LESSEE such part of all such payments made by LESSEE under this Lease as shall be proportionate to the title not held by LESSOR, and LESSEE may reduce subsequent payments in the same proportion. If LESSOR does not timely provide such refund, LESSEE may also reduce payments to LESSOR by the amount that should have been refunded.

4th - In case of a conveyance or reservation of all or a part of or an undivided interest in the premises, LESSEE shall apportion all entitlements or benefits under the Lease according to interest, acreage, or the terms of the conveyance as the case may be (except as provided in paragraph 5th hereof). Notwithstanding the above, LESSEE may continue to pay or provide all such entitlements or benefits to LESSOR until furnished with the original or a certified copy of the deed of conveyance as the case other documents or proof of conveyance, so that LESSEE may identify the land or interests conveyed as being all or part of the premises. In case of notice of any adverse claim to the premises or any portion thereof or interest therein, whether or not in connection with a conveyance, LESSEE may withhold any or all entitlements or benefits under this Lease until such claims, and the entitlements and benefits are, in LESSEE's sole discretion, decided by compromise, or by final decree of a court of competent jurisdiction, and to this end LESSEE may file a petition for interpleader.

5th - LESSEE shall at any time, upon payment of all monies due hereunder up to such time, have the right to surrender this Lease as to all or part of the premises, and shall thereupon be released and discharged from all payments, obligations, commitments, and liabilities incurred by it under this Lease.

ACKNOWLEDGMENT

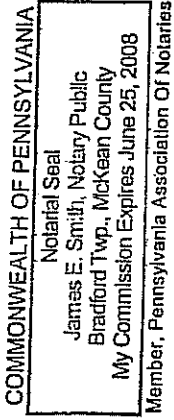
State of Pennsylvania
County of Bradford

On this the 28th day of FEBRUARY, 2006 before me a Notary Public, the undersigned officer, personally appeared,

_____ known to me to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged that they executed the same for the purposes therein contained.
IN WITNESS WHEREOF, I hereunto set my hand and official seal.

SEAL.
My commission expires:

Jan E. Ans
(Notary Public)



ACKNOWLEDGMENT

State of _____
County of _____

On this the _____ day of _____, 20____, before me a Notary Public, the undersigned officer, personally appeared _____

_____ known to me to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged that he executed the same for the purposes therein contained.
IN WITNESS WHEREOF, I hereunto set my hand and official seal.

SEAL.
My commission expires:

(Notary Public)

CORPORATE ACKNOWLEDGMENT

State of _____
County of _____

On this the _____ day of _____, 20____, before me a Notary Public, the undersigned officer, personally appeared _____, who acknowledged h_____ self to be the _____ of _____, being authorized to do so, executed the foregoing instrument for the purposes therein contained by signing the name of the corporation by h_____ self as _____

SEAL.
My commission expires:

(NOTARY PUBLIC)



David T. Mobley
Vice President – Land Administration

January 18, 2012

Re: Adjustment in Royalty Payments

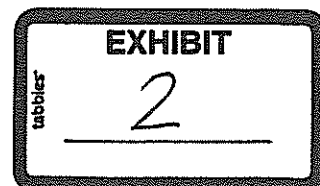
Dear Royalty Owner:

As a royalty owner in one or more wells operated by Chesapeake, you share in the economic benefits of natural gas production. We appreciate our relationship with you and are mindful of the trust you placed in us to explore and produce your minerals. Since we drilled our first well in Pennsylvania, our company has paid almost \$2 billion in lease bonuses and royalties to individuals, businesses and townships across Pennsylvania.

I am sending you this letter to let you know of some adjustments you will notice in your royalty payments this year. Let me explain the reason for the adjustments: In 2008-2009, several lawsuits were filed in Pennsylvania seeking to clarify whether royalty owners should share in the expense of post-production functions necessary to get the gas to market. These are costs incurred beyond the wellhead after the gas is ready for sale or use. Opinions varied on this issue as it had never been decided in Pennsylvania. The Pennsylvania Supreme Court agreed to hear the case, and in a ruling issued March 24, 2010, the Supreme Court held in the case of *Herbert Kilmer, et al. vs. Elexco Land Services, Inc. et al.*, 605 Pa. 413, 990 A.2d 1147, (Pa. 2010), that post-production costs, such as gathering, compression and transportation, are properly shared by royalty owners through proceeds deductions unless the lease expressly provides otherwise.

Your lease is on a form that does not specifically address these types of costs. Given the uncertainty of how your lease could be interpreted, we felt it was prudent to suspend the deduction of these costs while the case was being considered. Royalties paid under other lease forms have always borne these deductions. Now that the Supreme Court has spoken on the issue in the *Kilmer* case and determined that post-production costs are properly allowable under the terms of your lease, we will now comply with that decision.

Chesapeake Energy Corporation
3817 NW Expressway • Oklahoma City, OK 73118



Effective with your January 2012 check, Chesapeake will no longer absorb your share of these post-production costs and your payments will be reduced by these amounts. We will also recoup the costs that have been suspended back to the date of the *Kilmer* decision (but not before), which we believe is the fairest way to handle those deductions. Currently, these costs range between \$0.55 - \$0.65 per Mmbtu.

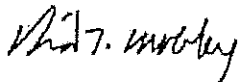
We know recouping past costs in a single month could create a hardship for some of our royalty owners. We don't want that to happen, so we will spread the recouping of costs over a minimum of six months.

As a result of these adjustments, you will see a reduction in the amount you receive for your royalty share. The reduction will be more significant until the past months' costs are recouped, but then should become less apparent in the future. The deductions will be itemized on your check stub detail. To the extent you also receive payments under your lease from other producers, such as Anadarko and Statoil, it is our understanding they have consistently been deducting these costs already so your payments from them should not be affected.

If you have any questions about your lease, these deductions or the nature and extent of these deductions, please feel free to call our Owner Relations Department toll-free at 1-877-245-1427.

Thank you for allowing us to develop your mineral interest. We look forward to continuing to share the rewards of this clean-burning, domestic energy with you for years to come.

Very truly yours,



David T. Mobley

Owner Number:
 Check Date: 06/29/2012
 Check Number: 32643557
 Check Total: 638.20

ANADARKO PETROLEUM CORPORATION
 SETTLEMENT STATEMENT
 P.O. BOX 1330
 HOUSTON TX 77251



ANY QUESTIONS PLEASE CALL OUR
 OWNER RELATIONS HOTLINE AT
 800-359-1692

PRINT AND RETAIN THIS STATEMENT
 OF OIL OR GAS PAYMENTS
 FOR INCOME TAX PURPOSES

ADJUSTMENT CODE	PRODUCT CODE
C... COMPRESSION	100... OIL
D... DEHYDRATION	300-400F... CONDENSATE
G... GATHERING	200-206... GAS
F... FUEL	209... HELIUM
M... SERVICE FEE	400... LIQUID PRODUCTS
P... PROCESSING	40C... PLANT CONDENSATE
R... TREATING	40D... SULPHUR
S... SEVERANCE TAX*	409... GASOLINE
T... TRANSPORTATION	INTEREST TYPE
V... AD VALOREM TAX	WI... WORKING INTEREST
L... STATE WITHHOLDING	PP... PRODUCTION PAYMENT
X... OTHER DEDUCTS	OR... OVERRIDING ROYALTY
Z... SETTLEMENT	RI... ROYALTY INTEREST
GAIN/LOSS	CR... SURFACE OWNER
* May include other taxes	MI... MINERAL INTEREST UNLEASED
	RU... NON PARTICIPATING ROYALTY
	BL... BLANCHARD

PROD DATE	PROD CODE	INT TYPE	PROPERTY QUANTITY	PRICE	BTU	PROPERTY GROSS VALUE	PROPERTY ADJTS / TAXES	PROPERTY NET VALUE	OWNER DECIMAL INTEREST	OWNER GROSS VALUE	OWNER ADJTS / TAXES	ADJ CODE	OWNER NET VALUE
COUNTY: BRADFORD STATE: PA													
4/12	203	RI	11,104.75	1.87	1,032	20,791.40	0.00	14,739.80	0.00001327	0.28	0.00	S	0.28
(6,051.60)													
COUNTY: BRADFORD STATE: PA													
4/12	203	RI	20,571.70	1.88	1,034	38,587.79	0.00	27,356.32	0.00001327	0.51	0.00	S	0.51
(11,231.47)													
COUNTY: BRADFORD STATE: PA													
4/12	203	RI	13,369.77	1.87	1,030	24,998.07	0.00	17,722.04	0.00922407	230.58	0.00	S	230.58
(7,276.03)													
COUNTY: BRADFORD STATE: PA													
4/12	203	RI	20,253.70	1.88	1,034	38,002.03	0.00	26,941.05	0.00922407	350.53	0.00	S	350.53
(11,060.98)													
COUNTY: BRADFORD STATE: PA													
4/12	203	RI	36,487.91	1.87	1,032	68,328.79	0.00	48,440.81	0.00048847	33.38	0.00	S	23.67
(19,887.98)													
COUNTY: BRADFORD STATE: PA													
4/12	203	RI	50,265.91	1.87	1,033	94,207.26	0.00	66,787.02	0.00048847	46.02	0.00	S	32.63
(27,420.24)													
COUNTY: BRADFORD STATE: PA													
YOUR TOTALS													661.30

Royalty Check Remittance Statement

Owner Number:
 Payment Date: Jun 26, 2012
 Payment Number: 300
 Payment Total: 216.33

ANY QUESTIONS PLEASE CALL

RETAIN THIS STATEMENT FOR INCOME TAX PURPOSES

Property Name/County/State Property Number Owner Decimal Interest	Sales Date BTU/Gravity UOM	Product Prop. Volume Owner Volume	Int. Type Price	Code	Property Gross Value	Owner Net Value
JOHN BARRETT 1H / BRADFORD / PA 421000660 .00128522	04/2012 1.031 MCF	G 47,807.00 61.00	RI 1.76	GROSS GTH NET	84,147.02 25,309.98 58,837.04	108.15 32.53 75.62
JOHN BARRETT 2H / BRADFORD / PA 421000658 .00128522	04/2012 1.031 MCF	G 72,423.00 93.00	RI 1.76	GROSS GTH NET	127,475.07 38,342.18 89,132.89	163.83 49.28 114.55
ACLA 2H / BRADFORD / PA 421000785 .00006394	04/2012 1.032 MCF	G 138,462.00 9.00	RI 1.76	GROSS GTH NET	243,712.40 73,304.55 170,407.85	15.58 4.69 10.89
ACLA 6H / BRADFORD / PA 421000787 .00006394	04/2012 1.032 MCF	G 190,745.00 12.00	RI 1.76	GROSS GTH NET	335,737.71 100,984.22 234,753.49	21.47 6.46 15.01
OTTEN 1H / BRADFORD / PA 421000644 .00000215	04/2012 1.033 MCF	G 34,079.00 .00	RI 1.76	GROSS GTH NET	59,983.64 18,042.10 41,941.54	.13 .04 .09
OTTEN 2H / BRADFORD / PA 421000648 .00000215	04/2012 1.033 MCF	G 63,131.00 .00	RI 1.76	GROSS GTH NET	111,120.33 33,422.81 77,697.52	.24 .07 .17
TOTAL						
					GROSS	962,176.17
					GTH	289,405.84
					NET	672,770.33
						309.40
						93.07
						216.33

INTEREST TYPE	
ORRI	Overriding Royalty
RI	Royalty Interest
WI	Working Interest

PRODUCT

COMPONENT CODE	
GROSS	Gross Value
GTH	Gathering Fee
NET	Net Value



PAYMENT REFERENCE NUMBER 0000029836
 CHECK AMOUNT \$475.92
 CHECK DATE 06/25/2012
 OWNER #

Interest Owner Statement

WELL	WC	WELL DESCRIPTION				STATE		COUNTY		API			INT TYPE	DOI/UNIT DECIMAL	
PROD Mnth	PROD CODE	LEASE GROSS VOLUME	UNIT PRICE	LEASE GROSS VALUE	LEASE GROSS TAXES	LEASE GROSS DEDUCT	LEASE NET VALUE	DISB DECIMAL	OWNER GROSS VOLUME	OWNER GROSS VALUE	OWNER TAXES	OWNER DEDUCT	OWNER NET VALUE	BTU	
000031	01	Otten 1H				PENNSYLVANIA		BRADFORD		370152011800			RI 01	0.00001326	
04/2012	203	5,184.77	2.286	11,689.29	0.00	5,844.65	5,844.64	0.00001326	0.07	0.16	0.00	0.00	0.16	1000	
									WELL TOTAL		0.07	0.16	0.00	0.00	0.16
000038	01	Otten 2H				PENNSYLVANIA		BRADFORD		370152011900			RI 01	0.00001326	
04/2012	203	9,615.38	2.231	21,776.02	0.00	10,746.61	11,029.41	0.00001326	0.13	0.29	0.00	0.00	0.29	1000	
									WELL TOTAL		0.13	0.29	0.00	0.00	0.29
000048	01	John Barrett 2H				PENNSYLVANIA		BRADFORD		370152013300			RI 01	0.00909509	
04/2012	203	12,498.78	2.268	28,345.25	0.00	14,046.32	14,298.93	0.00909509	113.68	257.80	0.00	0.00	257.80	1031	
									WELL TOTAL		113.68	257.80	0.00	0.00	257.80
000049	01	John Barrett 1H				PENNSYLVANIA		BRADFORD		370152013400			RI 01	0.00909509	
04/2012	203	8,250.33	2.260	18,643.86	0.00	9,238.92	9,404.94	0.00909509	75.04	169.57	0.00	0.00	169.57	1027	
									WELL TOTAL		75.04	169.57	0.00	0.00	169.57
000129	01	ACLA 2H				PENNSYLVANIA		BRADFORD		370152064000			RI 01	0.00040518	
04/2012	203	21,996.19	2.267	49,903.28	0.00	24,726.44	25,176.84	0.00040518	8.92	20.22	0.00	0.00	20.22	1030	
									WELL TOTAL		8.92	20.22	0.00	0.00	20.22
000130	01	ACLA 6H				PENNSYLVANIA		BRADFORD		370152064100			RI 01	0.00040518	
04/2012	203	30,301.07	2.270	68,805.20	0.00	34,095.64	34,709.56	0.00040518	12.28	27.88	0.00	0.00	27.88	1032	
									WELL TOTAL		12.28	27.88	0.00	0.00	27.88
													OWNER TOTAL		475.92

This is not a payment. It is the detail for a payment that has been made. Retain this statement for tax purposes. No duplicates furnished. State taxes have been deducted and paid where required. In correspondence, please refer to well number and owner number.

PRODUCT CODES
 1XX - OIL (BBL)
 2XX - GAS (MCF)
 3XX - CONDENSATE (BBL)
 4XX - PLANT PRODUCTS (GALS)

INTEREST TYPES
 RI - ROYALTY
 OR - OVERRIDING ROYALTY
 WI - WORKING INTEREST

Chesapeake Appalachia, Inc.
P.O. Box 18496
Oklahoma City, OK 73154
(877) 245-1427

Retain this statement for tax purposes. No
duplicates furnished. State taxes have been
deducted and paid where required. When writing,
refer to lease number and owner number.

PROD P DATE C	PRICE	I T	PY GP	LEASE				PAYMENT DECIMAL	OWNER					BTU
				VOLUME	TAX	DEDUCT	NET VALUE		VOLUME	GROSS VALUE	TAX	DEDUCT	NET	
Gross Value refers to the sales price received by the operator/Lessee before deduction of taxes. It may reflect the price received from an affiliated purchaser.														
Volume of gas is the volume (mcf) of gas produced which may or may not be equal to the volume of gas sold depending on line loss and fuel use.														
626935-OTTEN 1H STATE: PA COUNTY: BRADFORD LEGAL: 942.6499 ACRES: ASYLUM TOWNSHI														
412 2	0.000	2	01	.00	.00	.009T	.00	.00001328	.00	.00	.00	.01	-01	
412 2	0.000	2	01	.00	.00	.002Q	.00	.00001328	.00	.00	.00	.08	-08	
412 2	2.143	2	01	10542.17	.00	-753.01UA	23343.37	.00001328	.14	.30	.00	-01	.31	1031
				LEASE TOTAL						0.30	0.00	0.08	0.22	
627016-OTTEN 2H STATE: PA COUNTY: BRADFORD LEGAL: 942.6499 ACRES: ASYLUM TOWNSHI														
412 2	0.000	2	01	.00	.00	.009T	.00	.00001328	.00	.00	.00	.02	-02	
412 2	0.000	2	01	.00	.00	.002Q	.00	.00001328	.00	.00	.00	.15	-15	
412 2	2.111	2	01	20331.33	.00	-1506.02UA	44427.71	.00001328	.27	.57	.00	-02	.59	1033
				LEASE TOTAL						0.57	0.00	0.15	0.42	
627210-JOHN BARRETT 2H STATE: PA COUNTY: BRADFORD LEGAL: 811.920056 ACRES: ASYLUM TOWNS														
412 2	0.000	2	01	.00	.00	.009T	.00	.00907810	.00	.00	.00	17.84	-17.84	
412 2	0.000	2	01	.00	.00	.002Q	.00	.00907810	.00	.00	.00	132.65	-132.65	
412 2	2.138	2	01	26014.25	.00	-1752.57UA	57383.15	.00907810	236.16	505.02	.00	-15.91	520.93	1031
				LEASE TOTAL						505.02	0.00	134.58	370.44	
627215-JOHN BARRETT 1H STATE: PA COUNTY: BRADFORD LEGAL: 811.920056 ACRES: ASYLUM TOWNS														
412 2	0.000	2	01	.00	.00	.009T	.00	.00907810	.00	.00	.00	11.73	-11.73	
412 2	0.000	2	01	.00	.00	.002Q	.00	.00907810	.00	.00	.00	87.26	-87.26	
412 2	2.131	2	01	17172.10	.00	-1153.33UA	37747.99	.00907810	155.89	332.21	.00	-10.47	342.68	1027
				LEASE TOTAL						332.21	0.00	88.52	243.69	
831743-ACLA 2H STATE: PA COUNTY: BRADFORD LEGAL: 707.745187 ACRES: TERRY TOWNSH														
412 2	0.000	2	01	.00	.00	.009T	.00	.0038421	.00	.00	.00	1.38	-1.38	
412 2	0.000	2	01	.00	.00	.002Q	.00	.0038421	.00	.00	.00	10.30	-10.30	
412 2	2.140	2	01	47760.34	.00	-2993.15UA	105202.88	.0038421	18.35	39.27	.00	-1.15	40.42	1031
				LEASE TOTAL						39.27	0.00	10.53	28.74	
831744-ACLA 6H STATE: PA COUNTY: BRADFORD LEGAL: 707.745187 ACRES: TERRY TOWNSH														
412 2	0.000	2	01	.00	.00	.009T	.00	.0038421	.00	.00	.00	1.91	-1.91	
412 2	0.000	2	01	.00	.00	.002Q	.00	.0038421	.00	.00	.00	14.19	-14.19	
412 2	2.141	2	01	65823.38	.00	-4112.33UA	145050.88	.0038421	25.29	54.15	.00	-1.58	55.73	1032
				LEASE TOTAL						54.15	0.00	14.52	39.63	
999912-MISCELLANEOUS RECOUPMENT PA STATE: PA COUNTY: PENNSYLVANIA LEGAL:														
612 2	0.000	2	R3	.00	.00	.00A0	.00	1.00000000	.00	.00	.00	546.51	-546.51	
CHECK TOTAL \$136.63														
OWNER NUMBER				CHECK NUMBER				CHECK DATE						
				15186665				6/22/2012						

INTEREST TYPES (IT)	PRODUCT CODE (PC)	DEDUCT CODE
2-ROYALTY	2-GAS (MCF)	BW-BACKUP WITHHOLDING IT-INTEREST NE-NETTING EXPENSE FR-FIXED RATE ADJ RV-ROYALTY VOLADJ
		1*- GATHERING 2*- GATHERING 3*- GATHERING 4*- PROCESSING 5*- COMPRESSION
		6*- MARKETING 7*- HANDLING 8*- TRANSPORTATION 9*- THIRD PARTY U*- LINE VARIANCE

CHESAPEAKE APPALACHIA, LLC
REVENUE DISTRIBUTION ACCOUNT
P.O. Box 18496 Oklahoma City, OK 73154
(877) 245-1427

Owner No.	Check No.
817871	15186665
Date	Amount
6/22/2012	*****\$136.63

One hundred thirty-six and 63/100 Dollars*****

Pay
To The
Order
Of

Non-Negotiable

PROD DATE	P C	PRICE	I T	PY GP	LEASE				PAYMENT DECIMAL	OWNER				
					VOLUME	TAX	DEDUCT	NET VALUE		VOLUME	GROSS VALUE	TAX	DEDUCT	NET

Gross Value refers to the sales price received by the operator/Lessee before deduction of taxes. It may reflect the price received from an affiliated purchaser.

Volume of gas is the volume (mcf) of gas produced which may or may not be equal to the volume of gas sold depending on line loss and fuel use.

OWNER TOTAL	931.52	.00	546.51 A0	
			244.63 2*	
			32.89 9*	
			-29.14 U*	
				136.63

INTEREST TYPES (IT)

PRODUCT CODE (PC)

DEDUCT CODE

2-ROYALTY	2-GAS (MCF)	BW-BACKUP WITHHOLDING IT-INTEREST NE-NETTING EXPENSE FR-FIXED RATE ADJ RV-ROYALTY VOL ADJ	1*- GATHERING 2*- GATHERING 3*- GATHERING 4*- PROCESSING 5*- COMPRESSION	6*- MARKETING 7*- HANDLING 8*- TRANSPORTATION 9*- THIRD PARTY U*- LINE VARIANCE
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CHECK TOTAL \$136.63

OWNER NUMBER	CHECK NUMBER	15186665	CHECK DATE	6/22/2012
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PROD DATE	I T	PY GP	LEASE				PAYMENT DECIMAL	OWNER					
			VOLUME	TAX	DEDUCT	NET VALUE		VOLUME	GROSS VALUE	TAX	DEDUCT	NET	BTU
<p>Gross Value refers to the sales price received by the operator/Lessee before deduction of taxes. It may reflect the price received from an affiliated purchaser.</p> <p>Volume of gas is the volume (mcf) of gas produced which may or may not be equal to the volume of gas sold depending on line loss and fuel use.</p>													
62693	512	0.000	2	01	.00	.00	STATE: PA COUNTY: BRADFORD	LEGAL: 942.6499 ACRES; ASYLUM TOWNSHI					
	512	0.000	2	01	.00	.00	.009T .00 .00001328	.00	.00	.00	.01	-.01	
	512	0.000	2	01	.00	.00	.002Q .00 .00001328	.00	.00	.00	.08	-.08	
	512	2.000	2	01	11295.18	.00	.00 22590.36 .00001328	.15	.30	.00	.00	.30	
							LEASE TOTAL		0.30	0.00	0.09	0.21	
627016	512	0.000	2	01	.00	.00	STATE: PA COUNTY: BRADFORD	LEGAL: 942.6499 ACRES; ASYLUM TOWNSHI					
	512	0.000	2	01	.00	.00	.009T .00 .00001328	.00	.00	.00	.02	-.02	
	512	0.000	2	01	.00	.00	.002Q .00 .00001328	.00	.00	.00	.14	-.14	
	512	2.038	2	01	19578.31	.00	.00 39909.64 .00001328	.26	.53	.00	.00	.53	
							LEASE TOTAL		0.53	0.00	0.16	0.37	
627210	512	0.000	2	01	.00	.00	STATE: PA COUNTY: BRADFORD	LEGAL: 811.920056 ACRES; ASYLUM TOWNS					
	512	0.000	2	01	.00	.00	.009T .00 .00907810	.00	.00	.00	16.57	-16.57	
	512	0.000	2	01	.00	.00	.002Q .00 .00907810	.00	.00	.00	131.32	-131.32	
	512	2.062	2	01	25742.17	.00	-.577.21UA 53657.70 .00907810	233.69	481.87	.00	-5.24	487.11	
							LEASE TOTAL		481.87	0.00	142.65	339.22	
627215	512	0.000	2	01	.00	.00	STATE: PA COUNTY: BRADFORD	LEGAL: 811.920056 ACRES; ASYLUM TOWNS					
	512	0.000	2	01	.00	.00	.009T .00 .00907810	.00	.00	.00	11.22	-11.22	
	512	0.000	2	01	.00	.00	.002Q .00 .00907810	.00	.00	.00	88.98	-88.98	
	512	2.056	2	01	17491.55	.00	-.393.25UA 36360.03 .00907810	158.79	326.51	.00	-3.57	330.08	
							LEASE TOTAL		326.51	0.00	96.63	229.88	
831743	512	0.000	2	01	.00	.00	STATE: PA COUNTY: BRADFORD	LEGAL: 707.745187 ACRES; TERRY TOWNSH					
	512	0.000	2	01	.00	.00	.009T .00 .00038421	.00	.00	.00	1.29	-1.29	
	512	0.000	2	01	.00	.00	.002Q .00 .00038421	.00	.00	.00	10.17	-10.17	
	512	2.063	2	01	47213.76	.00	-.806.85UA 98201.50 .00038421	18.14	37.42	.00	-.31	37.73	
							LEASE TOTAL		37.42	0.00	11.15	26.27	
831744	512	0.000	2	01	.00	.00	STATE: PA COUNTY: BRADFORD	LEGAL: 707.745187 ACRES; TERRY TOWNSH					
	512	0.000	2	01	.00	.00	.002Q .00 .00038421	.00	.00	.00	14.71	-14.71	
	512	0.000	2	01	.00	.00	.009T .00 .00038421	.00	.00	.00	1.86	-1.86	
	512	2.066	2	01	68191.87	.00	-.1145.21UA 142031.70 .00038421	26.20	54.13	.00	-.44	54.57	
							LEASE TOTAL		54.13	0.00	16.13	38.00	
999912	712	0.000	2	R3	.00	.00	STATE: PA COUNTY: PENNSYLVANIA	LEGAL: .00	.00	.00	507.16	-507.16	
							.00AO .00 1.00000000	.00	.00	.00	507.16	-507.16	
							OWNER TOTAL		900.76				
										.00	507.16 AD		
											245.40 2*		
											30.97 9*		
INTEREST TYPES (IT)										PRODUCT CODE (PC)		DEDUCT CODE	
2-ROYALTY			2-GAS(MCF)				BW-BACKUP WITHHOLDING		1*- GATHERING		6*- MARKETING		
							IT-INTEREST		2*- GATHERING		7*- HANDLING		
							NE-NETTING EXPENSE		3*- GATHERING		8*- TRANSPORTATION		
							FR-FIXED RATE ADJ		4*- PROCESSING		9*- THIRD PARTY		
							RV-ROYALTY VOL ADJ		5*- COMPRESSION		U*- LINE VARIANCE		
CHECK TOTAL										\$126.79			
OWNER NUMBER			CHECK NUMBER				15187362		CHECK DATE		7/23/2012		

CHESAPEAKE APPALACHIA, LLC
REVENUE DISTRIBUTION ACCOUNT
P.O. Box 18496 Oklahoma City, OK 73154
(877) 245-1427

Owner No.	Check No.
	15187362
Date	Amount
7/23/2012	*****\$126.79

One hundred twenty-six and 79/100 Dollars*****

Pay
To The
Order
Of

Non-Negotiable

PROD DATE	P C	PRICE	I T	PY GP	LEASE				PAYMENT DECIMAL	OWNER					
					VOLUME	TAX	DEDUCT	NET VALUE		VOLUME	GROSS VALUE	TAX	DEDUCT	NET	BTU

Gross value refers to the sales price received by the operator/Lessee before deduction of taxes. It may reflect the price received from an affiliated purchaser.

Volume of gas is the volume (mcf) of gas produced which may or may not be equal to the volume of gas sold depending on line loss and fuel use.

-9.56 U*
126.79

INTEREST TYPES (IT)

PRODUCT CODE (PC)

DEDUCT CODE

2-ROYALTY	2-GAS(MCF)	BW-BACKUP WITHHOLDING IT-INTEREST NE-NETTING EXPENSE FR-FIXED RATE ADJ RV-ROYALTY VOL ADJ	1*- GATHERING 2*- GATHERING 3*- GATHERING 4*- PROCESSING 5*- COMPRESSION	6*- MARKETING 7*- HANDLING 8*- TRANSPORTATION 9*- THIRD PARTY U*- LINE VARIANCE
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CHECK TOTAL

\$126.79

OWNER NUMBER		CHECK NUMBER	15187362	CHECK DATE	7/23/2012
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PAYMENT REFERENCE NUMBER 0000032274
 CHECK AMOUNT \$448.72
 CHECK DATE 07/25/2012
 OWNER #

Interest Owner Statement

WELL	WC	WELL DESCRIPTION				STATE		COUNTY		API			INT	DO/UNIT		
		PROD	PROD	LEASE	UNIT	LEASE	LEASE	DISB	OWNER	OWNER	OWNER	OWNER	OWNER	NET	BTU	
MNTH	CODE	GROSS	PRICE	GROSS	GROSS	GROSS	DEDUCT	NET	DECIMAL	GROSS	GROSS	TAXES	DEDUCT	VALUE		
000031	01	Otten 1H				PENNSYLVANIA		BRADFORD		370152011800			RI 01	0.00001326		
05/2012	203	5,373.30	2.143	11,406.49	0.00	6,033.18	5,373.31	0.00001326	0.07	0.15	0.00	0.00	0.00	0.15	1000	
										WELL TOTAL	0.07	0.15	0.00	0.00	0.15	
000038	01	Otten 2H				PENNSYLVANIA		BRADFORD		370152011900			RI 01	0.00001326		
05/2012	203	9,332.58	2.250	19,984.92	0.00	10,463.80	9,521.12	0.00001326	0.12	0.27	0.00	0.00	0.00	0.27	1083	
										WELL TOTAL	0.12	0.27	0.00	0.00	0.27	
000048	01	John Barrett 2H				PENNSYLVANIA		BRADFORD		370152013300			RI 01	0.00909509		
05/2012	203	12,365.88	2.132	26,367.95	0.00	13,887.03	12,480.92	0.00909509	112.47	239.82	0.00	0.00	0.00	239.82	1030	
										WELL TOTAL	112.47	239.82	0.00	0.00	239.82	
000049	01	John Barrett 1H				PENNSYLVANIA		BRADFORD		370152013400			RI 01	0.00909509		
05/2012	203	8,402.48	2.127	17,867.62	0.00	9,410.30	8,457.32	0.00909509	76.42	162.51	0.00	0.00	0.00	162.51	1027	
										WELL TOTAL	76.42	162.51	0.00	0.00	162.51	
000129	01	ACLA 2H				PENNSYLVANIA		BRADFORD		370152064000			RI 01	0.00040518		
05/2012	203	21,727.80	2.133	46,380.19	0.00	24,424.10	21,956.09	0.00040518	8.81	18.79	0.00	0.00	0.00	18.79	1031	
										WELL TOTAL	8.81	18.79	0.00	0.00	18.79	
000130	01	ACLA 6H				PENNSYLVANIA		BRADFORD		370152064100			RI 01	0.00040518		
05/2012	203	31,393.16	2.137	67,077.59	0.00	35,323.48	31,754.11	0.00040518	12.72	27.18	0.00	0.00	0.00	27.18	1032	
										WELL TOTAL	12.72	27.18	0.00	0.00	27.18	
										OWNER TOTAL					448.72	

This is not a payment. It is the detail for a payment that has been made. Retain this statement for tax purposes. No duplicates furnished. State taxes have been deducted and paid where required. In correspondence, please refer to well number and owner number.

PRODUCT CODES
 1XX - OIL (BBL)
 2XX - GAS (MCF)
 3XX - CONDENSATE (BBL)
 4XX - PLANT PRODUCTS (GALS)

INTEREST TYPES
 RI - ROYALTY
 OR - OVERRIDING ROYALTY
 WI - WORKING INTEREST

Royalty Check Remittance Statement

MITSUI E&P USA LLC
 9 GREENWAY PLAZA, SUITE 1250
 HOUSTON, TX 77046

Owner Number:
 Payment Date: Jul 30, 2012
 Payment Number:
 Payment Total: 197.30

ANY QUESTIONS PLEASE CALL 855-560-4755

RETAIN THIS STATEMENT FOR INCOME TAX PURPOSES

Property Name/County/State Property Number Owner Decimal Interest	Sales Date BTU/Gravity UOM	Product Prop. Volume Owner Volume	Int. Type Price	Code	Property Gross Value	Owner Net Value
OTTEN 1H / BRADFORD / PA 421000644 .00000215	05/2012 1.032 MCF	G 34,118.00 .00	RI 1.68	GROSS GTH NET	57,380.13 18,423.72 38,956.41	.12 .04 .08
OTTEN 2H / BRADFORD / PA 421000648 .00000215	05/2012 1.032 MCF	G 59,709.00 .00	RI 1.68	GROSS GTH NET	100,419.14 32,242.86 68,176.28	.22 .07 .15
ACLA 2H / BRADFORD / PA 421000785 .00006394	05/2012 1.032 MCF	G 133,896.00 9.00	RI 1.68	GROSS GTH NET	225,188.63 72,303.84 152,884.79	14.40 4.62 9.78
ACLA 6H / BRADFORD / PA 421000787 .00006394	05/2012 1.032 MCF	G 193,677.00 12.00	RI 1.68	GROSS GTH NET	325,728.85 104,585.58 221,143.27	20.83 6.69 14.14
JOHN BARRETT 1H / BRADFORD / PA 421000660 .00128522	05/2012 1.032 MCF	G 47,680.00 61.00	RI 1.68	GROSS GTH NET	80,188.77 25,747.20 54,441.57	103.06 33.09 69.97
JOHN BARRETT 2H / BRADFORD / PA 421000658 .00128522	05/2012 1.032 MCF	G 70,313.00 90.00	RI 1.68	GROSS GTH NET	118,253.40 37,969.02 80,284.38	151.98 48.80 103.18
				TOTAL		
				GROSS	907,158.92	290.61
				GTH	291,272.22	93.31
				NET	615,886.70	197.30

INTEREST TYPE	
ORRI	Overriding Royalty
RI	Royalty Interest
WI	Working Interest

PRODUCT	
G	GAS
GP	GAS

COMPONENT CODE	
GTH	Gathering Fee
GROSS	Gross Value
NET	Net Value

ANADARKO PETROLEUM CORPORATION
SETTLEMENT STATEMENT
 P.O. BOX 1330
 HOUSTON TX 77251

Owner Number: 07/31/2012
 Check Date: 32660350
 Check Number: 621.62
 Check Total:

ANY QUESTIONS PLEASE CALL OUR
 OWNER RELATIONS HOTLINE AT
 800-359-1692

PRINT AND RETAIN THIS STATEMENT
 OF OIL OR GAS PAYMENTS
 FOR INCOME TAX PURPOSES

ADJUSTMENT CODE	PRODUCT CODE
C... COMPRESSION	100... OIL
D... DEHYDRATION	300-40F... CONDENSATE
G... GATHERING	200-206... GAS
F... FUEL	209... HELIUM
M... SERVICE FEE	400... LIQUID PRODUCTS
P... PROCESSING	40C... PLANT CONDENSATE
R... TREATING	40D... SULPHUR
S... SEVERANCE TAX*	409... GASOLINE
T... TRANSPORTATION	INTEREST TYPE
V... AD VALOREM TAX	WT... WORKING INTEREST
X... STATE WITHHOLDING	PP... PRODUCTION PAYMENT
Y... OTHER DEDUCTS	OR... OVERRIDING ROYALTY
Z... SETTLEMENT	RL... ROYALTY INTEREST
GAIN/LOSS	CR... SURFACE OWNER
	MI... MINERAL INTEREST UNLEASED
	RU... NON PARTICIPATING ROYALTY
	BL... BLANCHARD

PROD DATE	PROD CODE	INT TYPE	PROPERTY QUANTITY	PRICE	BTU	PROPERTY GROSS VALUE	PROPERTY ADJMTS / TAXES	PROPERTY NET VALUE	OWNER DECIMAL INTEREST	OWNER GROSS VALUE	OWNER ADJMTS / TAXES	ADJ CODE	OWNER NET VALUE
PROPERTY: 44879000001 OTTEN 1H													
5/12	203	RI	11,132.56	1.86	1.032	20,703.16	0.00	14,506.03	0.00001327	0.27	0.00	S	0.27
COUNTY: BRADFORD STATE: PA													
PROPERTY: 44881300001 OTTEN 2H													
5/12	203	RI	19,457.72	1.86	1.033	36,227.91	0.00	25,383.71	0.00001327	0.48	0.00	S	0.48
COUNTY: BRADFORD STATE: PA													
PROPERTY: 44893800003 JOHN BARRETT 1H													
5/12	203	RI	13,346.91	1.86	1.030	24,778.83	0.00	17,361.55	0.00922407	228.56	0.00	S	228.56
COUNTY: BRADFORD STATE: PA													
PROPERTY: 44896700002 JOHN BARRETT 2H													
5/12	203	RI	19,643.37	1.86	1.033	36,570.67	0.00	25,623.63	0.00922407	337.33	0.00	S	337.33
COUNTY: BRADFORD STATE: PA													
PROPERTY: 44929400001 ACILA 2H													
5/12	203	RI	35,324.04	1.86	1.031	65,680.49	0.00	46,019.74	0.00048847	32.08	0.00	S	22.48
COUNTY: BRADFORD STATE: PA													
PROPERTY: 44933600002 ACILA 6H													
5/12	203	RI	51,045.98	1.86	1.032	94,976.06	0.00	66,546.04	0.00048847	46.39	0.00	S	32.50
COUNTY: BRADFORD STATE: PA													
YOUR TOTALS													
											645.11		621.62

Chesapeake Appalachia, Inc.
P.O. Box 18496
Oklahoma City, OK 73154
(877) 245-1427

Retain this statement for tax purposes. No
duplicates furnished. State taxes have been
deducted and paid where required. When writing,
refer to lease number and owner number.

PROD DATE	PRICE	I T	PY GP	LEASE				PAYMENT DECIMAL	OWNER						
				VOLUME	TAX	DEDUCT	NET VALUE		VOLUME	GROSS VALUE	TAX	DEDUCT	NET	BTU	
Gross value refers to the sales price received by the operator/Lessee before deduction of taxes. It may reflect the price received from an affiliated purchaser.															
Volume of gas is the volume (mcf) of gas produced which may or may not be equal to the volume of gas sold depending on line loss and fuel use.															
62693	5	10	1H	STATE: PA COUNTY: BRADFORD LEGAL: 946.599900 ACRES: ASYLUM TOWNS											
111	4.640	2	R1	-18825.30	.00	.00	-87349.40	.00001328	-.25	-1.16	.00	.00	-1.16	1030	
111	4.640	2	R2	18825.30	.00	10542.17	20 76807.23	.00001328	.25	1.16	.00	.14	1.02	1030	
111	0.000	2	R2	.00	.00	.00	.00	.00	.00	.00	.00	.01	-.01		
211	4.364	2	R1	-16566.27	.00	.00	-72289.16	.00001328	-.22	-.96	.00	.00	-.96	1030	
211	4.364	2	R2	16566.27	.00	9036.14	20 63253.01	.00001328	.22	.96	.00	.12	.84	1030	
211	0.000	2	R2	.00	.00	.00	.00	.00	.00	.00	.00	.01	-.01		
311	3.955	2	R1	-16566.27	.00	.00	753.01	UA -66265.06	.00001328	-.22	-.87	.00	-.87	1030	
311	3.955	2	R2	16566.27	.00	-753.01	UA 66265.06	.00001328	.22	.87	.00	-.01	-.88	1030	
311	0.000	2	R2	.00	.00	.00	.00	.00	.00	.00	.00	.12	-.12		
410	4.172	2	R1	-74604.37	.00	.00	-311228.33	.00001327	-.99	-4.13	.00	.00	-4.13	1034	
410	4.172	2	R2	74604.37	.00	42200.45	20 269027.88	.00001327	.99	4.13	.00	.56	3.57	1034	
411	4.455	2	R1	-16566.27	.00	.00	2259.04	UA -76054.22	.00001328	-.22	-.98	.00	-.03	-1.01	1030
411	4.455	2	R2	16566.27	.00	-2259.04	UA 76054.22	.00001328	.22	.98	.00	-.03	1.01	1030	
411	0.000	2	R2	.00	.00	.00	.00	.00	.00	.00	.00	.12	-.12		
411	0.000	2	R2	.00	.00	.00	.00	.00	.00	.00	.00	.01	-.01		
510	4.568	2	R1	-71590.05	.00	.00	-327053.50	.00001327	-.95	-4.34	.00	.00	-4.34	1032	
510	4.568	2	R2	71590.05	.00	40693.29	20 286360.21	.00001327	.95	4.34	.00	.54	3.80	1032	
511	4.700	2	R1	-15060.24	.00	.00	-70783.13	.00001328	-.20	-.94	.00	.00	-.94	1030	
511	4.700	2	R2	15060.24	.00	.00	70783.13	.00001328	.20	.94	.00	.00	.94	1030	
511	0.000	2	R2	.00	.00	.00	.00	.00	.00	.00	.00	.11	-.11		
511	0.000	2	R2	.00	.00	.00	.00	.00	.00	.00	.00	.01	-.01		
610	4.547	2	R1	-64807.84	.00	.00	-294649.59	.00001327	-.86	-3.91	.00	.00	-3.91	1029	
610	4.547	2	R2	64807.84	.00	36171.82	20 258477.77	.00001327	.86	3.91	.00	.48	3.43	1029	
611	4.579	2	R1	-14307.23	.00	.00	-65512.05	.00001328	-.19	-.87	.00	.00	-.87	1030	
611	4.579	2	R2	14307.23	.00	.00	65512.05	.00001328	.19	.87	.00	.00	.87	1030	
611	0.000	2	R2	.00	.00	.00	.00	.00	.00	.00	.00	.11	-.11		
611	0.000	2	R2	.00	.00	.00	.00	.00	.00	.00	.00	.02	-.02		
710	4.976	2	R1	-63300.68	.00	.00	-314996.23	.00001327	-.84	-4.18	.00	.00	-4.18	1026	
710	4.976	2	R2	63300.68	.00	35418.24	20 279578.00	.00001327	.84	4.18	.00	.47	3.71	1026	
710	0.000	2	R2	.00	.00	.00	.00	.00	.00	.00	.00	.01	-.01		
711	4.400	2	R1	-15060.24	.00	.00	753.01	UA -67018.07	.00001328	-.20	-.88	.00	-.01	-.89	1031
711	4.400	2	R2	15060.24	.00	-753.01	UA 67018.07	.00001328	.20	.88	.00	-.01	.89	1031	
711	0.000	2	R2	.00	.00	.00	.00	.00	.00	.00	.00	.11	-.11		
711	0.000	2	R2	.00	.00	.00	.00	.00	.00	.00	.00	.01	-.01		
810	4.972	2	R1	-53504.14	.00	.00	-266013.56	.00001327	-.71	-3.53	.00	.00	-3.53	1029	
810	4.972	2	R2	53504.14	.00	30896.76	20 235116.80	.00001327	.71	3.53	.00	.41	3.12	1029	
810	0.000	2	R2	.00	.00	.00	.00	.00	.00	.00	.00	.01	-.01		
811	4.333	2	R1	-4518.07	.00	.00	-19578.31	.00001328	-.06	-.26	.00	.00	-.26	1031	
811	4.333	2	R2	4518.07	.00	.00	19578.31	.00001328	.06	.26	.00	.00	.26	1031	
811	0.000	2	R2	.00	.00	.00	.00	.00	.00	.00	.00	.03	-.03		
910	3.892	2	R1	-55764.88	.00	.00	-217030.90	.00001327	-.74	-2.88	.00	.00	-2.88	1034	

INTEREST TYPES (IT)

PRODUCT CODE (PC)

DEDUCT CODE

2-ROYALTY

2-GAS (MCF)

BW-BACKUP WITHHOLDING
IT-INTEREST
NE-NETTING EXPENSE
FR-FIXED RATE ADJ
RV-ROYALTY VOL ADJ

1- GATHERING
2- GATHERING
3- GATHERING
4- PROCESSING
5- COMPRESSION

6- MARKETING
7- HANDLING
8- TRANSPORTATION
9- THIRD PARTY
U- LINE VARIANCE

CHECK TOTAL

\$147.30

OWNER NUMBER	CHECK NUMBER	15192407	CHECK DATE	2/21/2013
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CHESAPEAKE APPALACHIA, LLC

REVENUE DISTRIBUTION ACCOUNT
P.O. Box 18496 Oklahoma City, OK 73154
(877) 245-1427

Owner No.

Check No.
15192407

Date
2/21/2013

Amount
*****\$147.30

One hundred forty-seven and 30/100 Dollars*****

Pay
To The
Order
Of



Non-Negotiable

PROD DATE	PRICE	I T	PY GP	LEASE				PAYMENT DECIMAL	OWNER					BTU	
				VOLUME	TAX	DEDUCT	NET VALUE		VOLUME	GROSS VALUE	TAX	DEDUCT	NET		
Gross value refers to the sales price received by the operator/Lessee before deduction of taxes. It may reflect the price received from an affiliated purchaser. Volume of gas is the volume (mcf) of gas produced which may or may not be equal to the volume of gas sold depending on line loss and fuel use.															
910	3.892	2	R2	55764.88	.00	31650.34	2Q	185380.56	.00001327	.74	2.88	.00	.42	2.46	1034
910	0.000	2	R2	.00	.00	.00	8T	.00	.00001327	.00	.00	.00	.01	-.01	
911	2.000	2	R1	-753.01	.00	.00		-1506.02	.00001328	-.01	-.02	.00	.00	-.02	1031
911	2.000	2	R2	753.01	.00	.00		1506.02	.00001328	.01	.02	.00	.00	.02	1031
911	0.000	2	R2	.00	.00	.00	2Q	.00	.00001328	.00	.00	.00	.01	-.01	
1010	3.904	2	R1	-55011.30	.00	.00		-214770.16	.00001327	-.73	-2.85	.00	.00	-2.85	1031
1010	3.904	2	R2	55011.30	.00	30896.76	2Q	183873.40	.00001327	.73	2.85	.00	.41	2.44	1031
1010	0.000	2	R2	.00	.00	.00	8T	.00	.00001327	.00	.00	.00	.01	-.01	
1011	3.909	2	R1	-16566.27	.00	753.01	UA	-65512.05	.00001328	-.22	-.86	.00	.01	-.87	1031
1011	3.909	2	R2	16566.27	.00	-753.01	UA	65512.05	.00001328	.22	.86	.00	-.01	-.87	1031
1011	0.000	2	R2	.00	.00	.00	2Q	.00	.00001328	.00	.00	.00	.13	-.13	
1011	0.000	2	R2	.00	.00	.00	9T	.00	.00001328	.00	.00	.00	.02	-.02	
1110	3.536	2	R1	-21084.34	.00	.00		-74548.19	.00001328	-.28	-.99	.00	.00	-.99	1028
1110	3.536	2	R2	21084.34	.00	12048.19	2Q	62500.00	.00001328	.28	.99	.00	.16	.83	1028
1210	4.385	2	R1	-19578.31	.00	.00		-85843.37	.00001328	-.26	-1.14	.00	.00	-1.14	1032
1210	4.385	2	R2	19578.31	.00	10542.17	2Q	75301.20	.00001328	.26	1.14	.00	.14	1.00	1032
1210	0.000	2	R2	.00	.00	.00	8T	.00	.00001328	.00	.00	.00	.01	-.01	
1212	3.643	2	O1	10542.17	.00	.00		38403.61	.00001328	.14	.51	.00	.00	.51	1031
1212	0.000	2	O1	.00	.00	.00	2Q	.00	.00001328	.00	.00	.00	.08	-.08	
1212	0.000	2	O1	.00	.00	.00	9T	.00	.00001328	.00	.00	.00	.02	-.02	
									LEASE TOTAL		0.51	0.00	4.83	-4.32	
627016	OPEN 2H			STATE: PA COUNTY: BRADFORD				LEGAL: 946.599900 ACRES; ASYLUM TOWNS							
111	4.571	2	R1	-31626.51	.00	.00		-144578.31	.00001328	-.42	-1.92	.00	.00	-1.92	1031
111	4.571	2	R2	31626.51	.00	18072.29	2Q	126506.02	.00001328	.42	1.92	.00	.24	1.68	1031
111	0.000	2	R2	.00	.00	.00	8T	.00	.00001328	.00	.00	.00	.01	-.01	
211	4.571	2	R1	-26355.42	.00	.00		-120481.93	.00001328	-.35	-1.60	.00	.00	-1.60	1032
211	4.571	2	R2	26355.42	.00	15060.24	2Q	105421.69	.00001328	.35	1.60	.00	.20	1.40	1032
211	0.000	2	R2	.00	.00	.00	8T	.00	.00001328	.00	.00	.00	.01	-.01	
311	4.059	2	R1	-25602.41	.00	1506.02	UA	-105421.69	.00001328	-.34	-1.38	.00	.02	-1.40	1032
311	4.059	2	R2	25602.41	.00	-1506.02	UA	105421.69	.00001328	.34	1.38	.00	-.02	1.40	1032
311	0.000	2	R2	.00	.00	.00	2Q	.00	.00001328	.00	.00	.00	.20	-.20	
311	0.000	2	R2	.00	.00	.00	9T	.00	.00001328	.00	.00	.00	.01	-.01	
410	4.167	2	R1	-126601.36	.00	.00		-527505.65	.00001327	-1.68	-7.00	.00	.00	-7.00	1032
410	4.167	2	R2	126601.36	.00	72343.63	2Q	455162.02	.00001327	1.68	7.00	.00	.96	6.04	1032
411	4.432	2	R1	-27861.45	.00	3012.05	UA	-126506.02	.00001328	-.37	-1.64	.00	.04	-1.68	1032
411	4.432	2	R2	27861.45	.00	-3012.05	UA	126506.02	.00001328	.37	1.64	.00	-.04	1.68	1032
411	0.000	2	R2	.00	.00	.00	2Q	.00	.00001328	.00	.00	.00	.21	-.21	
411	0.000	2	R2	.00	.00	.00	9T	.00	.00001328	.00	.00	.00	.02	-.02	
510	4.557	2	R1	-119065.56	.00	.00		-542577.24	.00001327	-1.58	-7.20	.00	.00	-7.20	1030
510	4.557	2	R2	119065.56	.00	67068.58	2Q	475508.67	.00001327	1.58	7.20	.00	.89	6.31	1030
511	4.667	2	R1	-27108.43	.00	.00		-126506.02	.00001328	-.36	-1.68	.00	.00	-1.68	1032
511	4.667	2	R2	27108.43	.00	.00		126506.02	.00001328	.36	1.68	.00	.00	1.68	1032
											CHECK TOTAL	\$147.30			
OWNER NUMBER		CHECK NUMBER		15192407		CHECK DATE		2/21/2013							

INTEREST TYPES (IT)	PRODUCT CODE (PC)	DEDUCT CODE
2-ROYALTY	2-GAS (MCF)	BW-BACKUP WITHHOLDING IT-INTEREST NE-NETTING EXPENSE FR-FIXED RATE ADJ RV-ROYALTY VOL ADJ
		1*- GATHERING 2*- GATHERING 3*- GATHERING 4*- PROCESSING 5*- COMPRESSION
		6*- MARKETING 7*- HANDLING 8*- TRANSPORTATION 9*- THIRD PARTY U*- LINE VARIANCE

PROD DATE	P C	PRICE	I T	PY GP	LEASE				PAYMENT DECIMAL	OWNER					
					VOLUME	TAX	DEDUCT	NET VALUE		VOLUME	GROSS VALUE	TAX	DEDUCT	NET	BTU
Gross Value refers to the sales price received by the operator/Lessee before deduction of taxes. It may reflect the price received from an affiliated purchaser.															
Volume of gas is the volume (mcf) of gas produced which may or may not be equal to the volume of gas sold depending on line loss and fuel use.															
511	2	0.000	2	R2	.00	.00	.002Q	.00	.00001328	.00	.00	.00	.21	-.21	
511	2	0.000	2	R2	.00	.00	.009T	.00	.00001328	.00	.00	.00	.02	-.02	
610	2	4.556	2	R1	-107008.29	.00	.00	-487565.94	.00001327	-1.42	-6.47	.00	.00	-6.47	1027
610	2	4.556	2	R2	107008.29	.00	.00	61039.942Q	.00001327	1.42	6.47	.00	.81	5.66	1027
611	2	4.515	2	R1	-24849.40	.00	.00	-112198.80	.00001328	-.33	-1.49	.00	.00	-1.49	1032
611	2	4.515	2	R2	24849.40	.00	.00	112198.80	.00001328	.33	1.49	.00	.00	1.49	1032
611	2	0.000	2	R2	.00	.00	.002Q	.00	.00001328	.00	.00	.00	.19	-.19	
611	2	0.000	2	R1	.00	.00	.009T	.00	.00001328	.00	.00	.00	.02	-.02	
710	2	5.000	2	R1	-103240.39	.00	.00	-516201.96	.00001327	-1.37	-6.85	.00	.00	-6.85	1024
710	2	5.000	2	R2	103240.39	.00	.00	58779.202Q	.00001327	1.37	6.85	.00	.78	6.07	1024
710	2	0.000	2	R2	.00	.00	.008T	.00	.00001327	.00	.00	.00	.02	-.02	
711	2	4.636	2	R1	-24849.40	.00	.00	1506.02UA	.00001328	-.33	-1.53	.00	.02	-1.55	1032
711	2	4.636	2	R2	24849.40	.00	.00	-1506.02UA	.00001328	.33	1.53	.00	-.02	1.55	1032
711	2	0.000	2	R2	.00	.00	.002Q	.00	.00001328	.00	.00	.00	.19	-.19	
711	2	0.000	2	R1	.00	.00	.009T	.00	.00001328	.00	.00	.00	.02	-.02	
810	2	4.932	2	R1	-55011.30	.00	.00	-271288.62	.00001327	-.73	-3.60	.00	.00	-3.60	1027
810	2	4.932	2	R2	55011.30	.00	.00	30896.762Q	.00001327	.73	3.60	.00	.41	3.19	1027
810	2	0.000	2	R2	.00	.00	.008T	.00	.00001327	.00	.00	.00	.01	-.01	
811	2	4.500	2	R1	-7530.12	.00	.00	753.01UA	.00001328	-.10	-.45	.00	.01	-.46	1032
811	2	4.500	2	R2	7530.12	.00	.00	-753.01UA	.00001328	.10	.45	.00	-.01	.46	1032
811	2	0.000	2	R2	.00	.00	.002Q	.00	.00001328	.00	.00	.00	.05	-.05	
811	2	0.000	2	R1	.00	.00	.009T	.00	.00001328	.00	.00	.00	.01	-.01	
910	2	3.807	2	R1	-89675.96	.00	.00	-341371.51	.00001327	-1.19	-4.53	.00	.00	-4.53	1031
910	2	3.807	2	R2	89675.96	.00	.00	50489.832Q	.00001327	1.19	4.53	.00	.67	3.86	1031
910	2	0.000	2	R2	.00	.00	.008T	.00	.00001327	.00	.00	.00	.01	-.01	
911	2	4.000	2	R1	-753.01	.00	.00	-3012.05	.00001328	-.01	-.04	.00	.00	-.04	1032
911	2	4.000	2	R2	753.01	.00	.00	3012.05	.00001328	.01	.04	.00	.00	.04	1032
911	2	0.000	2	R2	.00	.00	.002Q	.00	.00001328	.00	.00	.00	.01	-.01	
1010	2	3.922	2	R1	-86661.64	.00	.00	-339864.36	.00001327	-1.15	-4.51	.00	.00	-4.51	1032
1010	2	3.922	2	R2	86661.64	.00	.00	48982.672Q	.00001327	1.15	4.51	.00	.65	3.86	1032
1010	2	0.000	2	R2	.00	.00	.008T	.00	.00001327	.00	.00	.00	.01	-.01	
1011	2	3.825	2	R1	-30120.48	.00	.00	1506.02UA	.00001328	-.40	-1.53	.00	.02	-1.55	1032
1011	2	3.825	2	R2	30120.48	.00	.00	-1506.02UA	.00001328	.40	1.53	.00	-.02	1.55	1032
1011	2	0.000	2	R2	.00	.00	.002Q	.00	.00001328	.00	.00	.00	.23	-.23	
1011	2	0.000	2	R1	.00	.00	.009T	.00	.00001328	.00	.00	.00	.02	-.02	
1110	2	3.553	2	R1	-35391.57	.00	.00	-125753.01	.00001328	-.47	-1.67	.00	.00	-1.67	1029
1110	2	3.553	2	R2	35391.57	.00	.00	19578.312Q	.00001328	.47	1.67	.00	.26	1.41	1029
1110	2	0.000	2	R2	.00	.00	.008T	.00	.00001328	.00	.00	.00	.01	-.01	
1210	2	4.419	2	R1	-32379.52	.00	.00	-143072.29	.00001328	-.43	-1.90	.00	.00	-1.90	1032
1210	2	4.419	2	R2	32379.52	.00	.00	18072.292Q	.00001328	.43	1.90	.00	.24	1.66	1032
1210	2	0.000	2	R2	.00	.00	.008T	.00	.00001328	.00	.00	.00	.01	-.01	
1212	2	3.655	2	O1	21837.35	.00	.00	79819.28	.00001328	.29	1.06	.00	.00	1.06	1031
1212	2	0.000	2	O1	.00	.00	.002Q	.00	.00001328	.00	.00	.00	.16	-.16	

INTEREST TYPES (IT)

PRODUCT CODE (PC)

DEDUCT CODE

2-ROYALTY

2-GAS (MCF)

BW-BACKUP WITHHOLDING
IT-INTEREST
NE-NETTING EXPENSE
FR-FIXED RATE ADJ
RV-ROYALTY VOL ADJ

1*- GATHERING
2*- GATHERING
3*- GATHERING
4*- PROCESSING
5*- COMPRESSION
6*- MARKETING
7*- HANDLING
8*- TRANSPORTATION
9*- THIRD PARTY
U*- LINE VARIANCE

CHECK TOTAL

\$147.30

OWNER NUMBER	CHECK NUMBER	15192407	CHECK DATE	2/21/2013
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PROD DATE	PRICE	I T	PY GP	LEASE				PAYMENT DECIMAL	OWNER					
				VOLUME	TAX	DEDUCT	NET VALUE		VOLUME	GROSS VALUE	TAX	DEDUCT	NET	B-TU
1212	0.000	2	01	.00	.00	.009T	.00	.00001328	.00	.00	.00	.04	-.04	
								LEASE TOTAL		1.06	0.00	7.81	-6.75	
62721	JOHN BARRETT 2H			STATE: PA COUNTY: BRADFORD				LEGAL: 811.920056 ACRES; ASYLUM TOWNS						
111	4.684	2	R1	-38769.07	.00	.00	-181593.60	.00889343	-344.79	-1614.99	.00	.00	-1614.99	1034
111	4.684	2	R2	38769.07	.00	.00	22062.352Q	.00889343	344.79	1614.99	.00	196.21	1418.78	1034
111	0.000	2	R2	.00	.00	.008T	.00	.00889343	.00	.00	.00	8.89	-8.89	
211	4.575	2	R1	-34057.73	.00	.00	-155800.41	.00889343	-302.89	-1385.60	.00	.00	-1385.60	1034
211	4.575	2	R2	34057.73	.00	.00	19394.092Q	.00889343	302.89	1385.60	.00	172.48	1213.12	1034
211	0.000	2	R2	.00	.00	.008T	.00	.00889343	.00	.00	.00	8.00	-8.00	
311	4.007	2	R1	-34880.81	.00	.00	3048.32UA	.00889343	-310.21	-1242.93	.00	27.11	-1270.04	1031
311	4.007	2	R2	34880.81	.00	.00	-3048.32UA	.00889343	310.21	1242.93	.00	-27.11	1270.04	1031
311	0.000	2	R2	.00	.00	.002Q	.00	.00889343	.00	.00	.00	179.88	-179.88	
311	0.000	2	R2	.00	.00	.009T	.00	.00889343	.00	.00	.00	7.12	-7.12	
410	4.192	2	R1	-119660.73	.00	.00	-501607.56	.00906655	-1084.91	-4547.85	.00	.00	-4547.85	1033
410	4.192	2	R2	119660.73	.00	.00	68054.552Q	.00906655	1084.91	4547.85	.00	617.02	3930.83	1033
411	4.504	2	R1	-36329.07	.00	.00	3385.65UA	.00889343	-323.09	-1455.31	.00	30.11	-1485.42	1031
411	4.504	2	R2	36329.07	.00	.00	-3385.65UA	.00889343	323.09	1455.31	.00	-30.11	1485.42	1031
411	0.000	2	R2	.00	.00	.002Q	.00	.00889343	.00	.00	.00	187.07	-187.07	
411	0.000	2	R2	.00	.00	.009T	.00	.00889343	.00	.00	.00	17.51	-17.51	
510	4.580	2	R1	-117782.40	.00	.00	-539452.16	.00906655	-1067.88	-4890.97	.00	.00	-4890.97	1036
510	4.580	2	R2	117782.40	.00	.00	67169.982Q	.00906655	1067.88	4890.97	.00	609.00	4281.97	1036
511	4.587	2	R1	-35864.68	.00	.00	2609.79UA	.00889343	-318.96	-1463.00	.00	23.21	-1486.21	1031
511	4.587	2	R2	35864.68	.00	.00	-2609.79UA	.00889343	318.96	1463.00	.00	-23.21	1486.21	1031
511	0.000	2	R2	.00	.00	.002Q	.00	.00889343	.00	.00	.00	183.82	-183.82	
511	0.000	2	R2	.00	.00	.009T	.00	.00889343	.00	.00	.00	20.08	-20.08	
610	4.572	2	R1	-109339.27	.00	.00	-499883.64	.00906655	-991.33	-4532.22	.00	.00	-4532.22	1033
610	4.572	2	R2	109339.27	.00	.00	62185.732Q	.00906655	991.33	4532.22	.00	563.81	3968.41	1033
611	4.497	2	R1	-33034.50	.00	.00	1215.50UA	.00889343	-293.79	-1321.21	.00	10.81	-1332.02	1031
611	4.497	2	R2	33034.50	.00	.00	-1215.50UA	.00889343	293.79	1321.21	.00	-10.81	1332.02	1031
611	0.000	2	R2	.00	.00	.002Q	.00	.00889343	.00	.00	.00	168.06	-168.06	
611	0.000	2	R2	.00	.00	.009T	.00	.00889343	.00	.00	.00	16.66	-16.66	
710	5.018	2	R1	-107892.20	.00	.00	-541449.61	.00906655	-978.21	-4909.08	.00	.00	-4909.08	1032
710	5.018	2	R2	107892.20	.00	.00	61251.522Q	.00906655	978.21	4909.08	.00	555.34	4353.74	1032
710	0.000	2	R2	.00	.00	.008T	.00	.00906655	.00	.00	.00	11.81	-11.81	
711	4.552	2	R1	-33874.44	.00	.00	1922.77UA	.00889343	-301.26	-1371.34	.00	17.10	-1388.44	1031
711	4.552	2	R2	33874.44	.00	.00	-1922.77UA	.00889343	301.26	1371.34	.00	-17.10	1388.44	1031
711	0.000	2	R2	.00	.00	.002Q	.00	.00889343	.00	.00	.00	173.09	-173.09	
711	0.000	2	R2	.00	.00	.009T	.00	.00889343	.00	.00	.00	19.41	-19.41	
810	4.965	2	R1	-40802.73	.00	.00	-202579.81	.00906655	-369.94	-1836.70	.00	.00	-1836.70	1029
810	4.965	2	R2	40802.73	.00	.00	23117.942Q	.00906655	369.94	1836.70	.00	209.60	1627.10	1029
810	0.000	2	R2	.00	.00	.008T	.00	.00906655	.00	.00	.00	4.22	-4.22	
811	4.576	2	R1	-32755.64	.00	.00	1269.48UA	.00889343	-291.31	-1332.92	.00	11.29	-1344.21	1031

INTEREST TYPES (IT)	PRODUCT CODE (PC)	DEDUCT CODE
2-ROYALTY	2-GAS(MCF)	BW-BACKUP WITHHOLDING IT-INTEREST NE-NETTING EXPENSE FR-FIXED RATE ADJ RV-ROYALTY VOL ADJ
		1*- GATHERING 2*- GATHERING 3*- GATHERING 4*- PROCESSING 5*- COMPRESSION
		6*- MARKETING 7*- HANDLING 8*- TRANSPORTATION 9*- THIRD PARTY U*- LINE VARIANCE

CHECK TOTAL		\$147.30
OWNER NUMBER	CHECK NUMBER	15192407
	CHECK DATE	2/21/2013

PROD DATE	P C	PRICE	I T	PY GP	LEASE				PAYMENT DECIMAL	OWNER				
					VOLUME	TAX	DEDUCT	NET VALUE		VOLUME	GROSS VALUE	TAX	DEDUCT	NET

Gross value refers to the sales price received by the operator/Lessee before deduction of taxes. It may reflect the price received from an affiliated purchaser.

Volume of gas is the volume (mcf) of gas produced which may or may not be equal to the volume of gas sold depending on line loss and fuel use.

811	Z	4.576	2	R2	32755.64	.00	-1269.48	UA	151146.41	.00889343	291.31	1332.92	.00	-11.29	1344.21	1031
811	Z	0.000	2	R2	.00	.00	.00	2Q	.00	.00889343	.00	.00	.00	166.71	-166.71	
811	Z	0.000	2	R2	.00	.00	.00	9T	.00	.00889343	.00	.00	.00	16.60	-16.60	
910	Z	3.845	2	R1	-85134.92	.00	.00		-327385.83	.00906655	-771.88	-2968.26	.00	.00	-2968.26	1032
910	Z	3.845	2	R2	85134.92	.00	48370.11	2Q	279015.72	.00906655	771.88	2968.26	.00	438.55	2529.71	1032
910	Z	0.000	2	R2	.00	.00	.00	8T	.00	.00906655	.00	.00	.00	7.86	-7.86	
911	Z	4.107	2	R1	-30842.99	.00	1076.08	UA	-127741.49	.00889343	-274.30	-1126.49	.00	9.57	-1136.06	1031
911	Z	4.107	2	R2	30842.99	.00	-1076.08	UA	127741.49	.00889343	274.30	1126.49	.00	-9.57	1136.06	1031
911	Z	0.000	2	R2	.00	.00	.00	2Q	.00	.00889343	.00	.00	.00	156.98	-156.98	
911	Z	0.000	2	R2	.00	.00	.00	9T	.00	.00889343	.00	.00	.00	11.26	-11.26	
1010	Z	3.949	2	R1	-87622.08	.00	.00		-346042.32	.00906655	-794.43	-3137.41	.00	.00	-3137.41	1031
1010	Z	3.949	2	R2	87622.08	.00	49704.68	2Q	296337.64	.00906655	794.43	3137.41	.00	450.65	2686.76	1031
1010	Z	0.000	2	R2	.00	.00	.00	8T	.00	.00906655	.00	.00	.00	7.52	-7.52	
1011	Z	3.784	2	R1	-31862.85	.00	741.00	UA	-121307.53	.00889343	-283.37	-1072.25	.00	6.59	-1078.84	1031
1011	Z	3.784	2	R2	31862.85	.00	-741.00	UA	121307.53	.00889343	283.37	1072.25	.00	-6.59	1078.84	1031
1011	Z	0.000	2	R2	.00	.00	.00	2Q	.00	.00889343	.00	.00	.00	161.73	-161.73	
1011	Z	0.000	2	R2	.00	.00	.00	9T	.00	.00889343	.00	.00	.00	13.16	-13.16	
1110	Z	3.578	2	R1	-42201.94	.00	.00		-150981.12	.00889343	-375.32	-1342.74	.00	.00	-1342.74	1030
1110	Z	3.578	2	R2	42201.94	.00	23966.01	2Q	127015.11	.00889343	375.32	1342.74	.00	213.14	1129.60	1030
1110	Z	0.000	2	R2	.00	.00	.00	8T	.00	.00889343	.00	.00	.00	5.67	-5.67	
1210	Z	4.609	2	R1	-38730.84	.00	.00		-178527.29	.00889343	-344.45	-1587.72	.00	.00	-1587.72	1031
1210	Z	4.609	2	R2	38730.84	.00	22027.50	2Q	156499.80	.00889343	344.45	1587.72	.00	195.90	1391.82	1031
1210	Z	0.000	2	R2	.00	.00	.00	8T	.00	.00889343	.00	.00	.00	10.71	-10.71	
1212	Z	3.669	2	01	26292.95	.00	-1359.32	UA	97835.45	.00907810	238.69	875.82	.00	-12.34	888.16	1031
1212	Z	0.000	2	01	.00	.00	.00	2Q	.00	.00907810	.00	.00	.00	134.08	-134.08	
1212	Z	0.000	2	01	.00	.00	.00	9T	.00	.00907810	.00	.00	.00	33.29	-33.29	
LEASE TOTAL											875.82	0.00	5940.55	-5064.73		

627215-JOHN BARRETT IH	STATE: PA	COUNTY: BRADFORD	LEGAL: 811.920056 ACRES: ASYLUM TOWNS													
111	Z	4.647	2	R1	-24337.07	.00	.00	-113105.97	.00889343	-216.44	-1005.90	.00	.00	-1005.90	1026	
111	Z	4.647	2	R2	24337.07	.00	13741.60	2Q	99364.36	.00889343	216.44	1005.90	.00	122.21	883.69	1026
111	Z	0.000	2	R2	.00	.00	.00	8T	.00	.00889343	.00	.00	.00	5.53	-5.53	
211	Z	4.532	2	R1	-21432.68	.00	.00		-97141.37	.00889343	-190.61	-863.92	.00	.00	-863.92	1026
211	Z	4.532	2	R2	21432.68	.00	12093.20	2Q	85048.18	.00889343	190.61	863.92	.00	107.55	756.37	1026
211	Z	0.000	2	R2	.00	.00	.00	8T	.00	.00889343	.00	.00	.00	4.99	-4.99	
311	Z	3.976	2	R1	-22343.46	.00	1938.51	UA	-90782.75	.00889343	-198.71	-790.13	.00	17.24	-807.37	1024
311	Z	3.976	2	R2	22343.46	.00	-1938.51	UA	90782.75	.00889343	198.71	790.13	.00	-17.24	807.37	1024
311	Z	0.000	2	R2	.00	.00	.00	2Q	.00	.00889343	.00	.00	.00	114.35	-114.35	
311	Z	0.000	2	R2	.00	.00	.00	9T	.00	.00889343	.00	.00	.00	4.53	-4.53	
410	Z	4.194	2	R1	-71548.71	.00	.00		-300073.35	.00906655	-648.70	-2720.63	.00	.00	-2720.63	1034
410	Z	4.194	2	R2	71548.71	.00	40711.19	2Q	259362.16	.00906655	648.70	2720.63	.00	369.11	2351.52	1034
411	Z	4.507	2	R1	-22747.13	.00	2121.79	UA	-104643.54	.00889343	-202.30	-911.77	.00	18.87	-930.64	1032
411	Z	4.507	2	R2	22747.13	.00	-2121.79	UA	104643.54	.00889343	202.30	911.77	.00	-18.87	930.64	1032

INTEREST TYPES (IT)	PRODUCT CODE (PC)	DEDUCT CODE
2-ROYALTY	2-GAS (MCF)	BW-BACKUP WITHHOLDING IT-INTEREST NE-NETTING EXPENSE FR-FIXED RATE ADJ RV-ROYALTY VOL ADJ
		1*- GATHERING 2*- GATHERING 3*- GATHERING 4*- PROCESSING 5*- COMPRESSION
		6*- MARKETING 7*- HANDLING 8*- TRANSPORTATION 9*- THIRD PARTY U*- LINE VARIANCE

CHECK TOTAL **\$147.30**

OWNER NUMBER	CHECK NUMBER	15192407	CHECK DATE	2/21/2013
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PROD DATE	PRICE	I T	PY GP	LEASE				PAYMENT DECIMAL	OWNER					B TU	
				VOLUME	TAX	DEDUCT	NET VALUE		VOLUME	GROSS VALUE	TAX	DEDUCT	NET		
Gross value refers to the sales price received by the operator/Lessee before deduction of taxes. It may reflect the price received from an affiliated purchaser.															
Volume of gas is the volume (mcf) of gas produced which may or may not be equal to the volume of gas sold depending on line loss and fuel use.															
411	0.000	2	R2	.00	.00	.00	2Q	.00	.00889343	.00	.00	.00	117.20	-117.20	
411	0.000	2	R2	.00	.00	.00	9T	.00	.00889343	.00	.00	.00	10.97	-10.97	
510	4.578	2	R1	-70602.38	.00	.00		-323203.42	.00906655	-640.12	-2930.34	.00	.00	-2930.34	1036
510	4.578	2	R2	70602.38	.00	40242.43	2Q	282960.99	.00906655	640.12	2930.34	.00	364.86	2565.48	1036
511	4.589	2	R1	-22697.65	.00	1652.91	UA	-105818.56	.00889343	-201.86	-926.39	.00	14.70	-941.09	1032
511	4.589	2	R2	22697.65	.00	-1652.91	UA	105818.56	.00889343	201.86	926.39	.00	-14.70	941.09	1032
511	0.000	2	R2	.00	.00	.00	2Q	.00	.00889343	.00	.00	.00	116.40	-116.40	
511	0.000	2	R2	.00	.00	.00	9T	.00	.00889343	.00	.00	.00	12.71	-12.71	
610	4.560	2	R1	-66834.68	.00	.00		-304786.27	.00906655	-605.96	-2763.36	.00	.00	-2763.36	1033
610	4.560	2	R2	66834.68	.00	37916.30	2Q	266869.98	.00906655	605.96	2763.36	.00	343.77	2419.59	1033
611	4.500	2	R1	-21235.90	.00	782.60	UA	-96337.41	.00889343	-188.86	-849.81	.00	6.96	-856.77	1032
611	4.500	2	R2	21235.90	.00	-782.60	UA	96337.41	.00889343	188.86	849.81	.00	-6.96	856.77	1032
611	0.000	2	R2	.00	.00	.00	2Q	.00	.00889343	.00	.00	.00	108.10	-108.10	
611	0.000	2	R2	.00	.00	.00	9T	.00	.00889343	.00	.00	.00	10.72	-10.72	
710	5.024	2	R1	-55870.20	.00	.00		-280672.36	.00906655	-506.55	-2544.73	.00	.00	-2544.73	1033
710	5.024	2	R2	55870.20	.00	31748.57	2Q	248923.79	.00906655	506.55	2544.73	.00	287.85	2256.88	1033
710	0.000	2	R2	.00	.00	.00	8T	.00	.00906655	.00	.00	.00	6.12	-6.12	
711	4.551	2	R1	-12545.22	.00	711.76	UA	-57811.22	.00889343	-111.57	-507.81	.00	6.33	-514.14	1031
711	4.551	2	R2	12545.22	.00	-711.76	UA	57811.22	.00889343	111.57	507.81	.00	-6.33	514.14	1031
711	0.000	2	R2	.00	.00	.00	2Q	.00	.00889343	.00	.00	.00	64.10	-64.10	
711	0.000	2	R2	.00	.00	.00	9T	.00	.00889343	.00	.00	.00	7.19	-7.19	
810	4.964	2	R1	-23371.62	.00	.00		-116015.46	.00906655	-211.90	-1051.86	.00	.00	-1051.86	1029
810	4.964	2	R2	23371.62	.00	13238.77	2Q	102776.69	.00906655	211.90	1051.86	.00	120.03	931.83	1029
810	0.000	2	R2	.00	.00	.00	8T	.00	.00906655	.00	.00	.00	2.41	-2.41	
811	4.576	2	R1	-19532.40	.00	756.74	UA	-90128.33	.00889343	-173.71	-794.82	.00	6.73	-801.55	1031
811	4.576	2	R2	19532.40	.00	-756.74	UA	90128.33	.00889343	173.71	794.82	.00	-6.73	801.55	1031
811	0.000	2	R2	.00	.00	.00	2Q	.00	.00889343	.00	.00	.00	99.40	-99.40	
811	0.000	2	R2	.00	.00	.00	9T	.00	.00889343	.00	.00	.00	9.90	-9.90	
910	3.847	2	R1	-48391.06	.00	.00		-186167.84	.00906655	-438.74	-1687.90	.00	.00	-1687.90	1033
910	3.847	2	R2	48391.06	.00	27505.50	2Q	158662.34	.00906655	438.74	1687.90	.00	249.38	1438.52	1033
910	0.000	2	R2	.00	.00	.00	8T	.00	.00906655	.00	.00	.00	4.47	-4.47	
911	4.106	2	R1	-19803.38	.00	689.27	UA	-82005.48	.00889343	-176.12	-723.18	.00	6.13	-729.31	1031
911	4.106	2	R2	19803.38	.00	-689.27	UA	82005.48	.00889343	176.12	723.18	.00	-6.13	729.31	1031
911	0.000	2	R2	.00	.00	.00	2Q	.00	.00889343	.00	.00	.00	100.78	-100.78	
911	0.000	2	R2	.00	.00	.00	9T	.00	.00889343	.00	.00	.00	7.23	-7.23	
1010	3.952	2	R1	-51996.62	.00	.00		-205513.67	.00906655	-471.43	-1863.30	.00	.00	-1863.30	1032
1010	3.952	2	R2	51996.62	.00	29519.50	2Q	175994.18	.00906655	471.43	1863.30	.00	267.64	1595.66	1032
1010	0.000	2	R2	.00	.00	.00	8T	.00	.00906655	.00	.00	.00	4.46	-4.46	
1011	3.786	2	R1	-20288.01	.00	472.26	UA	-77288.52	.00889343	-180.43	-683.16	.00	4.20	-687.36	1032
1011	3.786	2	R2	20288.01	.00	-472.26	UA	77288.52	.00889343	180.43	683.16	.00	-4.20	687.36	1032
1011	0.000	2	R2	.00	.00	.00	2Q	.00	.00889343	.00	.00	.00	103.04	-103.04	
1011	0.000	2	R2	.00	.00	.00	9T	.00	.00889343	.00	.00	.00	8.39	-8.39	
1110	3.566	2	R1	-25168.02	.00	.00		-89738.16	.00889343	-223.83	-798.08	.00	.00	-798.08	1031

INTEREST TYPES (IT)	PRODUCT CODE (PC)	DEDUCT CODE
2-ROYALTY	2-GAS (MCF)	BW-BACKUP WITHHOLDING IT-INTEREST NE-NETTING EXPENSE FR-FIXED RATE ADJ RV-ROYALTY VOL ADJ
		1*- GATHERING 2*- GATHERING 3*- GATHERING 4*- PROCESSING 5*- COMPRESSION
		6*- MARKETING 7*- HANDLING 8*- TRANSPORTATION 9*- THIRD PARTY U*- LINE VARIANCE

CHECK TOTAL \$147.30

OWNER NUMBER	CHECK NUMBER	15192407	CHECK DATE	2/21/2013
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PROD DATE	P	PRICE	I	PY	LEASE				PAYMENT	OWNER						
					VOLUME	TAX	DEDUCT	NET VALUE		DECIMAL	VOLUME	GROSS VALUE	TAX	DEDUCT	NET	B TU
Gross value refers to the sales price received by the operator/Lessee before deduction of taxes. It may reflect the price received from an affiliated purchaser.																
Volume of gas is the volume (mcf) of gas produced which may or may not be equal to the volume of gas sold depending on line loss and fuel use.																
1110		3.566	2	R2	25168.02	.00	14244.22	20	75493.93	.00889343	223.83	798.08	.00	126.68	671.40	1031
1110		0.000	2	R2	.00	.00	.00	8T	.00	.00889343	.00	.00	.00	3.36	-3.36	
1210		4.596	2	R1	-23971.63	.00	.00	.00	-110177.96	.00889343	-213.19	-979.86	.00	.00	-979.86	1032
1210		4.596	2	R2	23971.63	.00	13593.18	20	96584.78	.00889343	213.19	979.86	.00	120.89	858.97	1032
1210		0.000	2	R2	.00	.00	.00	8T	.00	.00889343	.00	.00	.00	6.60	-6.60	
1212		3.671	2	01	15220.15	.00	-786.51	UA	56656.13	.00907810	138.17	507.19	.00	-7.14	514.33	1031
1212		0.000	2	01	.00	.00	.00	2Q	.00	.00907810	.00	.00	.00	77.65	-77.65	
1212		0.000	2	01	.00	.00	.00	9T	.00	.00907810	.00	.00	.00	19.27	-19.27	
LEASE TOTAL											507.19	0.00	3502.70	-2995.51		
83174	W	ACLA 2H	STATE: PA COUNTY: BRADFORD LEGAL: 707.745187 ACRES; TERRY TOWNSH													
111		4.590	2	R1	-92916.96	.00	.00	.00	-426484.69	.00031286	-29.07	-133.43	.00	.00	-133.43	1033
111		4.590	2	R2	92916.96	.00	51780.35	20	374704.34	.00031286	29.07	133.43	.00	16.20	117.23	1033
111		0.000	2	R2	.00	.00	.00	8T	.00	.00031286	.00	.00	.00	.74	-.74	
111		4.592	2	54	-92885.00	.00	-51812.31	20	-374704.34	.00031286	-29.06	-133.44	.00	-16.21	-117.23	1033
111		0.000	2	54	.00	.00	.00	8T	.00	.00031286	.00	.00	.00	-.74	-.74	
111		4.592	2	64	92885.00	.00	51812.31	20	374736.30	.00031286	29.06	133.45	.00	16.21	117.24	1033
111		0.000	2	64	.00	.00	.00	8T	.00	.00031286	.00	.00	.00	.74	-.74	
112		3.050	2	54	-68305.31	.00	1278.53	UA	-209582.56	.00031286	-21.37	-65.17	.00	.40	-65.57	1032
112		0.000	2	54	.00	.00	.00	2Q	.00	.00031286	.00	.00	.00	-11.98	11.98	
112		0.000	2	54	.00	.00	.00	9T	.00	.00031286	.00	.00	.00	-1.79	1.79	
112		3.048	2	64	68337.28	.00	-1278.53	UA	209582.56	.00031286	21.38	65.17	.00	-.40	65.57	1032
112		0.000	2	64	.00	.00	.00	2Q	.00	.00031286	.00	.00	.00	11.98	-11.98	
112		0.000	2	64	.00	.00	.00	9T	.00	.00031286	.00	.00	.00	1.79	-1.79	
211		4.519	2	R1	-87643.04	.00	.00	.00	-396087.71	.00031286	-27.42	-123.92	.00	.00	-123.92	1033
211		4.519	2	R2	87643.04	.00	49319.18	20	346768.52	.00031286	27.42	123.92	.00	15.43	108.49	1033
211		0.000	2	R2	.00	.00	.00	8T	.00	.00031286	.00	.00	.00	.73	-.73	
211		4.518	2	54	-87675.00	.00	-49351.15	20	-346736.56	.00031286	-27.43	-123.92	.00	-15.44	-108.48	1033
211		0.000	2	54	.00	.00	.00	8T	.00	.00031286	.00	.00	.00	-.73	-.73	
211		4.518	2	64	87675.00	.00	49351.15	20	346736.56	.00031286	27.43	123.92	.00	15.44	108.48	1033
211		0.000	2	64	.00	.00	.00	8T	.00	.00031286	.00	.00	.00	.73	-.73	
212		2.663	2	54	-47916.50	.00	.00	.00	-127586.48	.00038421	-18.41	-49.02	.00	.00	-49.02	1031
212		0.000	2	54	.00	.00	.00	2Q	.00	.00038421	.00	.00	.00	-10.34	10.34	
212		0.000	2	54	.00	.00	.00	9T	.00	.00038421	.00	.00	.00	-1.44	1.44	
212		2.664	2	64	47887.98	.00	.00	.00	127579.83	.00038423	18.40	49.02	.00	.00	49.02	1031
212		0.000	2	64	.00	.00	.00	9T	.00	.00038423	.00	.00	.00	10.34	-10.34	
311		4.013	2	R1	-76168.25	.00	3356.13	UA	-309051.97	.00031286	-23.83	-95.64	.00	1.05	-96.69	1033
311		4.013	2	R2	76168.25	.00	-3356.13	UA	309051.97	.00031286	23.83	95.64	.00	-1.05	96.69	1033
311		0.000	2	R2	.00	.00	.00	2Q	.00	.00031286	.00	.00	.00	13.69	-13.69	
311		0.000	2	R2	.00	.00	.00	9T	.00	.00031286	.00	.00	.00	.54	-.54	
311		4.013	2	54	-76168.25	.00	3356.13	UA	-309051.97	.00031286	-23.83	-95.64	.00	1.05	-96.69	1033
311		0.000	2	54	.00	.00	.00	2Q	.00	.00031286	.00	.00	.00	-13.69	13.69	

INTEREST TYPES (IT)	PRODUCT CODE (PC)	DEDUCT CODE
2-ROYALTY	2-GAS(MCF)	BW-BACKUP WITHHOLDING IT-INTEREST NE-NETTING EXPENSE FR-FIXED RATE ADJ RV-ROYALTY VOL ADJ
		1*- GATHERING 2*- GATHERING 3*- GATHERING 4*- PROCESSING 5*- COMPRESSION
		6*- MARKETING 7*- HANDLING 8*- TRANSPORTATION 9*- THIRD PARTY U*- LINE VARIANCE

CHECK TOTAL \$147.30

OWNER NUMBER	CHECK NUMBER	15192407	CHECK DATE	2/21/2013
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PROD DATE	P C	PRICE	I T	PY GP	LEASE				PAYMENT DECIMAL	OWNER					BTU
					VOLUME	TAX	DEDUCT	NET VALUE		VOLUME	GROSS VALUE	TAX	DEDUCT	NET	
Gross value refers to the sales price received by the operator/Lessee before deduction of taxes. It may reflect the price received from an affiliated purchaser.															
Volume of gas is the volume (mcf) of gas produced which may or may not be equal to the volume of gas sold depending on line loss and fuel use.															
311	Z	0.000	2	54	.00	.00	.009T	.00	.00031286	.00	.00	.00	-1.54	.54	
311	Z	4.013	2	64	76168.25	.00	-3356.13UA	309051.97	.00031286	23.83	95.64	.00	-1.05	96.69	1033
311	Z	0.000	2	64	.00	.00	.002Q	.00	.00031286	.00	.00	.00	13.69	-13.69	
311	Z	0.000	2	64	.00	.00	.009T	.00	.00031286	.00	.00	.00	.54	-.54	
312	Z	2.357	2	54	-49842.53	.00	3773.98UA	-121235.78	.00038421	-19.15	-45.13	.00	1.45	-46.58	1031
312	Z	0.000	2	54	.00	.00	.002Q	.00	.00038421	.00	.00	.00	-10.75	10.75	
312	Z	2.357	2	64	49839.94	.00	-3773.78UA	121229.47	.00038423	19.15	45.13	.00	-1.45	46.58	1031
312	Z	0.000	2	64	.00	.00	.002Q	.00	.00038423	.00	.00	.00	10.75	-10.75	
312	Z	0.000	2	64	.00	.00	.009T	.00	.00038423	.00	.00	.00	1.45	-1.45	
411	Z	4.515	2	R1	-86875.92	.00	6392.64UA	-398612.80	.00031286	-27.18	-122.71	.00	2.00	-124.71	1033
411	Z	4.515	2	R2	86875.92	.00	-6392.64UA	398612.80	.00031286	27.18	122.71	.00	-2.00	124.71	1033
411	Z	0.000	2	R2	.00	.00	.002Q	.00	.00031286	.00	.00	.00	15.71	-15.71	
411	Z	0.000	2	R2	.00	.00	.009T	.00	.00031286	.00	.00	.00	1.47	-1.47	
411	Z	4.515	2	54	-86875.92	.00	6392.64UA	-398612.80	.00031286	-27.18	-122.71	.00	2.00	-124.71	1033
411	Z	0.000	2	54	.00	.00	.002Q	.00	.00031286	.00	.00	.00	-15.71	15.71	
411	Z	0.000	2	54	.00	.00	.009T	.00	.00031286	.00	.00	.00	-1.47	1.47	
411	Z	4.515	2	64	86875.92	.00	-6392.64UA	398612.80	.00031286	27.18	122.71	.00	-2.00	124.71	1033
411	Z	0.000	2	64	.00	.00	.002Q	.00	.00031286	.00	.00	.00	15.71	-15.71	
411	Z	0.000	2	64	.00	.00	.009T	.00	.00031286	.00	.00	.00	1.47	-1.47	
412	Z	2.140	2	54	-47760.34	.00	2993.15UA	-105202.88	.00038421	-18.35	-39.27	.00	1.15	-40.42	1031
412	Z	0.000	2	54	.00	.00	.002Q	.00	.00038421	.00	.00	.00	-10.30	10.30	
412	Z	0.000	2	54	.00	.00	.009T	.00	.00038421	.00	.00	.00	-1.38	1.38	
412	Z	2.139	2	64	47783.88	.00	-2966.97UA	105171.38	.00038423	18.36	39.27	.00	-1.14	40.41	1031
412	Z	0.000	2	64	.00	.00	.002Q	.00	.00038423	.00	.00	.00	10.29	-10.29	
412	Z	0.000	2	64	.00	.00	.009T	.00	.00038423	.00	.00	.00	1.39	-1.39	
511	Z	4.591	2	R1	-86875.92	.00	703.19UA	-399571.69	.00031286	-27.18	-124.79	.00	.22	-125.01	1032
511	Z	4.591	2	R2	86875.92	.00	-703.19UA	399571.69	.00031286	27.18	124.79	.00	-.22	125.01	1032
511	Z	0.000	2	R2	.00	.00	.002Q	.00	.00031286	.00	.00	.00	15.46	-15.46	
511	Z	0.000	2	R2	.00	.00	.009T	.00	.00031286	.00	.00	.00	1.69	-1.69	
511	Z	4.591	2	54	-86875.92	.00	703.19UA	-399571.69	.00031286	-27.18	-124.79	.00	.22	-125.01	1032
511	Z	0.000	2	54	.00	.00	.002Q	.00	.00031286	.00	.00	.00	-15.46	15.46	
511	Z	0.000	2	54	.00	.00	.009T	.00	.00031286	.00	.00	.00	-1.69	1.69	
511	Z	4.591	2	64	86875.92	.00	-703.19UA	399571.69	.00031286	27.18	124.79	.00	-.22	125.01	1032
511	Z	0.000	2	64	.00	.00	.002Q	.00	.00031286	.00	.00	.00	15.46	-15.46	
511	Z	0.000	2	64	.00	.00	.009T	.00	.00031286	.00	.00	.00	1.69	-1.69	
512	Z	2.063	2	54	-47213.76	.00	806.85UA	-98201.50	.00038421	-18.14	-37.42	.00	.31	-37.73	1031
512	Z	0.000	2	54	.00	.00	.002Q	.00	.00038421	.00	.00	.00	-10.17	10.17	
512	Z	0.000	2	54	.00	.00	.009T	.00	.00038421	.00	.00	.00	-1.29	1.29	
512	Z	2.065	2	64	47185.28	.00	-806.81UA	98222.42	.00038423	18.13	37.43	.00	-.31	37.74	1031
512	Z	0.000	2	64	.00	.00	.002Q	.00	.00038423	.00	.00	.00	10.18	-10.18	
512	Z	0.000	2	64	.00	.00	.009T	.00	.00038423	.00	.00	.00	1.29	-1.29	
611	Z	4.498	2	R1	-71629.48	.00	1118.71UA	-323307.55	.00031286	-22.41	-100.80	.00	.35	-101.15	1032

INTEREST TYPES (IT)	PRODUCT CODE (PC)	DEDUCT CODE
2-ROYALTY	2-GAS(MCF)	BW-BACKUP WITHHOLDING IT-INTEREST NE-NETTING EXPENSE FR-FIXED RATE ADJ RV-ROYALTY VOL ADJ
		1*- GATHERING 2*- GATHERING 3*- GATHERING 4*- PROCESSING 5*- COMPRESSION
		6*- MARKETING 7*- HANDLING 8*- TRANSPORTATION 9*- THIRD PARTY U*- LINE VARIANCE

CHECK TOTAL \$147.30

OWNER NUMBER	CHECK NUMBER	15192407	CHECK DATE	2/21/2013
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PROD DATE	P C	PRICE	I T	PY GP	LEASE				PAYMENT DECIMAL	OWNER						
					VOLUME	TAX	DEDUCT	NET VALUE		VOLUME	GROSS VALUE	TAX	DEDUCT	NET	BTU	
Gross Value refers to the sales price received by the operator/Lessee before deduction of taxes. It may reflect the price received from an affiliated purchaser.																
Volume of gas is the volume (mcf) of gas produced which may or may not be equal to the volume of gas sold depending on line loss and fuel use.																
611	2	4.498	2	R2	71629.48	.00	-1118.71	UA	323307.55	.00031286	22.41	100.80	.00	-.35	101.15	1032
611	2	0.000	2	R2	.00	.00	.00	2Q	.00	.00031286	.00	.00	.00	12.76	-12.76	
611	2	0.000	2	R2	.00	.00	.00	9T	.00	.00031286	.00	.00	.00	1.26	-1.26	
611	2	4.498	2	54	-71629.48	.00	1118.71	UA	-323307.55	.00031286	-22.41	-100.80	.00	.35	-101.15	1032
611	2	0.000	2	54	.00	.00	.00	2Q	.00	.00031286	.00	.00	.00	-12.76	12.76	
611	2	0.000	2	54	.00	.00	.00	9T	.00	.00031286	.00	.00	.00	-1.26	1.26	
611	2	4.500	2	64	71597.52	.00	-1118.71	UA	323307.55	.00031286	22.40	100.80	.00	-.35	101.15	1032
611	2	0.000	2	64	.00	.00	.00	2Q	.00	.00031286	.00	.00	.00	12.76	-12.76	
611	2	0.000	2	64	.00	.00	.00	9T	.00	.00031286	.00	.00	.00	1.26	-1.26	
612	2	2.366	2	54	-43621.98	.00	963.02	UA	-104187.81	.00038421	-16.76	-39.66	.00	.37	-40.03	1031
612	2	0.000	2	54	.00	.00	.00	2Q	.00	.00038421	.00	.00	.00	-9.41	9.41	
612	2	0.000	2	54	.00	.00	.00	9T	.00	.00038421	.00	.00	.00	-1.17	1.17	
612	2	2.366	2	64	43619.71	.00	-962.96	UA	104156.36	.00038423	16.76	39.65	.00	-.37	40.02	1031
612	2	0.000	2	64	.00	.00	.00	2Q	.00	.00038423	.00	.00	.00	9.40	-9.40	
612	2	0.000	2	64	.00	.00	.00	9T	.00	.00038423	.00	.00	.00	1.17	-1.17	
711	2	4.554	2	R1	-76136.29	.00	1789.94	UA	-348494.53	.00031286	-23.82	-108.47	.00	.56	-109.03	1032
711	2	4.554	2	R2	76136.29	.00	-1789.94	UA	348494.53	.00031286	23.82	108.47	.00	-.56	109.03	1032
711	2	0.000	2	R2	.00	.00	.00	2Q	.00	.00031286	.00	.00	.00	13.59	-13.59	
711	2	0.000	2	R2	.00	.00	.00	9T	.00	.00031286	.00	.00	.00	1.52	-1.52	
711	2	4.552	2	54	-76168.25	.00	1789.94	UA	-348526.50	.00031286	-23.83	-108.48	.00	.56	-109.04	1032
711	2	0.000	2	54	.00	.00	.00	2Q	.00	.00031286	.00	.00	.00	-13.59	13.59	
711	2	0.000	2	54	.00	.00	.00	9T	.00	.00031286	.00	.00	.00	-1.53	1.53	
711	2	4.554	2	64	76136.29	.00	-1789.94	UA	348526.50	.00031286	23.82	108.48	.00	-.56	109.04	1032
711	2	0.000	2	64	.00	.00	.00	2Q	.00	.00031286	.00	.00	.00	13.59	-13.59	
711	2	0.000	2	64	.00	.00	.00	9T	.00	.00031286	.00	.00	.00	1.53	-1.53	
712	2	2.598	2	54	-43101.43	.00	1249.32	UA	-113245.36	.00038421	-16.56	-43.03	.00	.48	-43.51	1031
712	2	0.000	2	54	.00	.00	.00	2Q	.00	.00038421	.00	.00	.00	-9.29	9.29	
712	2	0.000	2	54	.00	.00	.00	9T	.00	.00038421	.00	.00	.00	-.84	.84	
712	2	2.597	2	64	43125.21	.00	-1249.25	UA	113265.49	.00038423	16.57	43.04	.00	-.48	43.52	1031
712	2	0.000	2	64	.00	.00	.00	2Q	.00	.00038423	.00	.00	.00	9.30	-9.30	
712	2	0.000	2	64	.00	.00	.00	9T	.00	.00038423	.00	.00	.00	.84	-.84	
810	2	5.057	2	R1	-40472.94	.00	.00		-204663.74	.00039582	-16.02	-81.01	.00	.00	-81.01	1031
810	2	5.057	2	R2	40472.94	.00	23369.21	2Q	181294.53	.00039582	16.02	81.01	.00	9.25	71.76	1031
810	2	0.000	2	R2	.00	.00	.00	8T	.00	.00039582	.00	.00	.00	-.18	-.18	
810	2	5.054	2	54	-40498.21	.00	-23343.94	2Q	-181319.79	.00039582	-16.03	-81.01	.00	-9.24	-71.77	1031
810	2	0.000	2	54	.00	.00	.00	8T	.00	.00039582	.00	.00	.00	-.18	-.18	
810	2	5.054	2	64	40497.18	.00	23343.35	2Q	181315.21	.00039583	16.03	81.01	.00	9.24	71.77	1031
810	2	0.000	2	64	.00	.00	.00	8T	.00	.00039583	.00	.00	.00	-.18	-.18	
811	2	4.574	2	R1	-27935.82	.00	287.67	UA	-128076.46	.00031286	-8.74	-39.98	.00	.09	-40.07	1032
811	2	4.574	2	R2	27935.82	.00	-287.67	UA	128076.46	.00031286	8.74	39.98	.00	-.09	40.07	1032
811	2	0.000	2	R2	.00	.00	.00	2Q	.00	.00031286	.00	.00	.00	4.97	-4.97	
811	2	0.000	2	R2	.00	.00	.00	9T	.00	.00031286	.00	.00	.00	.49	-.49	
811	2	4.580	2	54	-27903.85	.00	287.67	UA	-128076.46	.00031286	-8.73	-39.98	.00	.09	-40.07	1032

INTEREST TYPES (IT)	PRODUCT CODE (PC)	DEDUCT CODE
2-ROYALTY	2-GAS(MCF)	BW-BACKUP WITHHOLDING IT-INTEREST NE-NETTING EXPENSE FR-FIXED RATE ADJ RV-ROYALTY VOL ADJ
		1*- GATHERING 2*- GATHERING 3*- GATHERING 4*- PROCESSING 5*- COMPRESSION
		6*- MARKETING 7*- HANDLING 8*- TRANSPORTATION 9*- THIRD PARTY U*- LINE VARIANCE

CHECK TOTAL \$147.30

OWNER NUMBER	CHECK NUMBER	15192407	CHECK DATE	2/21/2013
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PROD DATE	P C	PRICE	I T	PY GP	LEASE				PAYMENT DECIMAL	OWNER					
					VOLUME	TAX	DEDUCT	NET VALUE		VOLUME	GROSS VALUE	TAX	DEDUCT	NET	BTU
Gross Value refers to the sales price received by the operator/Lessee before deduction of taxes. It may reflect the price received from an affiliated purchaser.															
Volume of gas is the volume (mcf) of gas produced which may or may not be equal to the volume of gas sold depending on line loss and fuel use.															
811	Z	0.000	2	54	.00	.00	.00 2Q	.00	.00031286	.00	.00	.00	-4.97	4.97	
811	Z	0.000	2	54	.00	.00	.00 9T	.00	.00031286	.00	.00	.00	-.49	.49	
811	Z	4.574	2	64	27935.82	.00	-287.67 UA	128076.46	.00031286	8.74	39.98	.00	-.09	40.07	1032
811	Z	0.000	2	64	.00	.00	.00 2Q	.00	.00031286	.00	.00	.00	4.97	-4.97	
811	Z	0.000	2	64	.00	.00	.00 9T	.00	.00031286	.00	.00	.00	.49	-.49	
812	Z	2.824	2	54	-41930.19	.00	1171.23 UA	-119570.03	.00038421	-16.11	-45.49	.00	.45	-45.94	1031
812	Z	0.000	2	54	.00	.00	.00 2Q	.00	.00038421	.00	.00	.00	-9.03	9.03	
812	Z	0.000	2	54	.00	.00	.00 9T	.00	.00038421	.00	.00	.00	-.84	.84	
812	Z	2.824	2	64	41928.01	.00	-1171.17 UA	119563.80	.00038423	16.11	45.49	.00	-.45	45.94	1031
812	Z	0.000	2	64	.00	.00	.00 2Q	.00	.00038423	.00	.00	.00	9.03	-9.03	
812	Z	0.000	2	64	.00	.00	.00 9T	.00	.00038423	.00	.00	.00	.84	-.84	
910	Z	3.705	2	R1	-172805.82	.00	.00	-640164.72	.00039582	-68.40	-253.39	.00	.00	-253.39	1009
910	Z	3.705	2	R2	172805.82	.00	94588.45 2Q	545576.27	.00039582	68.40	253.39	.00	37.44	215.95	1009
910	Z	0.000	2	R2	.00	.00	.00 8T	.00	.00039582	.00	.00	.00	.68	-.68	
910	Z	3.705	2	54	-172805.82	.00	-94588.45 2Q	-545576.27	.00039582	-68.40	-253.39	.00	-37.44	-215.95	1009
910	Z	0.000	2	54	.00	.00	.00 8T	.00	.00039582	.00	.00	.00	-.68	.68	
910	Z	3.705	2	64	172801.46	.00	94586.06 2Q	545587.75	.00039583	68.40	253.40	.00	37.44	215.96	1009
910	Z	0.000	2	64	.00	.00	.00 8T	.00	.00039583	.00	.00	.00	.69	-.69	
911	Z	4.106	2	R1	-60825.93	.00	1726.01 UA	-251454.32	.00031286	-19.03	-78.13	.00	.54	-78.67	1031
911	Z	4.106	2	R2	60825.93	.00	-1726.01 UA	251454.32	.00031286	19.03	78.13	.00	-.54	78.67	1031
911	Z	0.000	2	R2	.00	.00	.00 2Q	.00	.00031286	.00	.00	.00	10.88	-10.88	
911	Z	0.000	2	R2	.00	.00	.00 9T	.00	.00031286	.00	.00	.00	.78	-.78	
911	Z	4.106	2	54	-60825.93	.00	1757.97 UA	-251486.29	.00031286	-19.03	-78.13	.00	.55	-78.68	1031
911	Z	0.000	2	54	.00	.00	.00 2Q	.00	.00031286	.00	.00	.00	-10.87	10.87	
911	Z	0.000	2	54	.00	.00	.00 9T	.00	.00031286	.00	.00	.00	-.78	.78	
911	Z	4.107	2	64	60793.97	.00	-1757.97 UA	251454.32	.00031286	19.02	78.12	.00	-.55	78.67	1031
911	Z	0.000	2	64	.00	.00	.00 2Q	.00	.00031286	.00	.00	.00	10.87	-10.87	
911	Z	0.000	2	64	.00	.00	.00 9T	.00	.00031286	.00	.00	.00	.78	-.78	
912	Z	2.460	2	54	-40316.49	.00	1067.12 UA	-100231.64	.00038421	-15.49	-38.10	.00	.41	-38.51	1031
912	Z	0.000	2	54	.00	.00	.00 2Q	.00	.00038421	.00	.00	.00	-8.68	8.68	
912	Z	0.000	2	54	.00	.00	.00 9T	.00	.00038421	.00	.00	.00	.77	-.77	
912	Z	2.460	2	64	40314.40	.00	-1067.07 UA	100226.43	.00038423	15.49	38.10	.00	-.41	38.51	1031
912	Z	0.000	2	64	.00	.00	.00 2Q	.00	.00038423	.00	.00	.00	8.68	-.68	
912	Z	0.000	2	64	.00	.00	.00 9T	.00	.00038423	.00	.00	.00	.77	-.77	
1010	Z	3.872	2	R1	-180587.14	.00	.00	-699282.50	.00039582	-71.48	-276.79	.00	.00	-276.79	1033
1010	Z	3.872	2	R2	180587.14	.00	100399.17 2Q	598883.33	.00039582	71.48	276.79	.00	39.74	237.05	1033
1010	Z	0.000	2	R2	.00	.00	.00 8T	.00	.00039582	.00	.00	.00	.68	-.68	
1010	Z	3.872	2	54	-180612.40	.00	-100424.44 2Q	-598858.07	.00039582	-71.49	-276.79	.00	-39.75	-237.04	1033
1010	Z	0.000	2	54	.00	.00	.00 8T	.00	.00039582	.00	.00	.00	-.68	.68	
1010	Z	3.872	2	64	180607.84	.00	100421.90 2Q	598893.46	.00039583	71.49	276.81	.00	39.75	237.06	1033
1010	Z	0.000	2	64	.00	.00	.00 8T	.00	.00039583	.00	.00	.00	.68	-.68	
1011	Z	3.787	2	R1	-74953.65	.00	1022.82 UA	-284855.85	.00031286	-23.45	-88.80	.00	.32	-89.12	1032
1011	Z	3.787	2	R2	74953.65	.00	-1022.82 UA	284855.85	.00031286	23.45	88.80	.00	-.32	89.12	1032

INTEREST TYPES (IT)	PRODUCT CODE (PC)	DEDUCT CODE
2-ROYALTY	2-GAS(MCF)	BW-BACKUP WITHHOLDING IT-INTEREST NE-NETTING EXPENSE FR-FIXED RATE ADJ RV-ROYALTY VOL ADJ
		1*- GATHERING 2*- GATHERING 3*- GATHERING 4*- PROCESSING 5*- COMPRESSION
		6*- MARKETING 7*- HANDLING 8*- TRANSPORTATION 9*- THIRD PARTY U*- LINE VARIANCE

CHECK TOTAL \$147.30

OWNER NUMBER	CHECK NUMBER	15192407	CHECK DATE	2/21/2013
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PROD DATE	P C	PRICE	I T	PY GP	LEASE				PAYMENT	OWNER					
					VOLUME	TAX	DEDUCT	NET VALUE	DECIMAL	VOLUME	GROSS VALUE	TAX	DEDUCT	NET	BTU
Gross value refers to the sales price received by the operator/Lessee before deduction of taxes. It may reflect the price received from an affiliated purchaser.															
Volume of gas is the volume (mcf) of gas produced which may or may not be equal to the volume of gas sold depending on line loss and fuel use.															
1011	2	0.000	2	R2	.00	.00	.00	2Q	.00	.00031286	.00	.00	.00	13.36	-13.36
1011	2	0.000	2	R2	.00	.00	.00	9T	.00	.00031286	.00	.00	.00	1.09	-1.09
1011	2	3.787	2	54	-74953.65	.00	1022.82	UA	-284887.81	.00031286	-23.45	-88.81	.00	.32	-89.13
1011	2	0.000	2	54	.00	.00	.00	2Q	.00	.00031286	.00	.00	.00	-13.36	13.36
1011	2	0.000	2	54	.00	.00	.00	9T	.00	.00031286	.00	.00	.00	-1.09	1.09
1011	2	3.787	2	64	74953.65	.00	-1022.82	UA	284887.81	.00031286	23.45	88.81	.00	-.32	89.13
1011	2	0.000	2	64	.00	.00	.00	2Q	.00	.00031286	.00	.00	.00	13.36	-13.36
1011	2	0.000	2	64	.00	.00	.00	9T	.00	.00031286	.00	.00	.00	1.09	-1.09
1012	2	2.877	2	54	-39093.20	.00	806.85	UA	-113271.39	.00038421	-15.02	-43.21	.00	.31	-43.52
1012	2	0.000	2	54	.00	.00	.00	2Q	.00	.00038421	.00	.00	.00	-8.39	8.39
1012	2	0.000	2	54	.00	.00	.00	9T	.00	.00038421	.00	.00	.00	-.68	.68
1012	2	2.877	2	64	39093.17	.00	-806.81	UA	113291.52	.00038423	15.02	43.22	.00	-.31	43.53
1012	2	0.000	2	64	.00	.00	.00	2Q	.00	.00038423	.00	.00	.00	8.40	-8.40
1012	2	0.000	2	64	.00	.00	.00	9T	.00	.00038423	.00	.00	.00	.68	-.68
1110	2	3.522	2	R1	-98094.99	.00	.00		-345490.00	.00031286	-30.69	-108.09	.00	.00	-108.09
1110	2	3.522	2	R2	98094.99	.00	54816.85	2Q	290673.14	.00031286	30.69	108.09	.00	17.15	90.94
1110	2	0.000	2	R2	.00	.00	.00	8T	.00	.00031286	.00	.00	.00	-.47	-.47
1110	2	3.523	2	54	-98063.03	.00	-54816.85	2Q	-290673.14	.00031286	-30.68	-108.09	.00	-17.15	-90.94
1110	2	0.000	2	54	.00	.00	.00	8T	.00	.00031286	.00	.00	.00	-.47	-.47
1110	2	3.523	2	64	98063.03	.00	54848.81	2Q	290673.14	.00031286	30.68	108.10	.00	17.16	90.94
1110	2	0.000	2	64	.00	.00	.00	8T	.00	.00031286	.00	.00	.00	-.47	-.47
1111	2	3.569	2	54	-76711.63	.00	1374.42	UA	-275139.04	.00031286	-24.00	-85.65	.00	.43	-86.08
1111	2	0.000	2	54	.00	.00	.00	2Q	.00	.00031286	.00	.00	.00	-13.69	13.69
1111	2	0.000	2	54	.00	.00	.00	9T	.00	.00031286	.00	.00	.00	-2.23	2.23
1111	2	3.567	2	64	76743.59	.00	-1374.42	UA	275139.04	.00031286	24.01	85.65	.00	-.43	86.08
1111	2	0.000	2	64	.00	.00	.00	2Q	.00	.00031286	.00	.00	.00	13.69	-13.69
1111	2	0.000	2	64	.00	.00	.00	9T	.00	.00031286	.00	.00	.00	2.22	-2.22
1112	2	3.512	2	54	-39561.70	.00	1249.32	UA	-140209.78	.00038421	-15.20	-53.39	.00	.48	-53.87
1112	2	0.000	2	54	.00	.00	.00	2Q	.00	.00038421	.00	.00	.00	-8.51	8.51
1112	2	0.000	2	54	.00	.00	.00	9T	.00	.00038421	.00	.00	.00	-.38	.38
1112	2	3.511	2	64	39585.66	.00	-1249.25	UA	140228.51	.00038423	15.21	53.40	.00	-.48	53.88
1112	2	0.000	2	64	.00	.00	.00	2Q	.00	.00038423	.00	.00	.00	8.51	-8.51
1112	2	0.000	2	64	.00	.00	.00	9T	.00	.00038423	.00	.00	.00	.38	-.38
1210	2	4.535	2	R1	-83359.97	.00	.00		-378028.51	.00031286	-26.08	-118.27	.00	.00	-118.27
1210	2	4.535	2	R2	83359.97	.00	46602.31	2Q	331426.20	.00031286	26.08	118.27	.00	14.58	103.69
1210	2	0.000	2	R2	.00	.00	.00	8T	.00	.00031286	.00	.00	.00	.80	-.80
1210	2	4.535	2	54	-83359.97	.00	-46634.28	2Q	-331426.20	.00031286	-26.08	-118.28	.00	-14.59	-103.69
1210	2	0.000	2	54	.00	.00	.00	8T	.00	.00031286	.00	.00	.00	-.80	.80
1210	2	4.535	2	64	83359.97	.00	46602.31	2Q	331394.23	.00031286	26.08	118.26	.00	14.58	103.68
1210	2	0.000	2	64	.00	.00	.00	8T	.00	.00031286	.00	.00	.00	.80	-.80
1211	2	3.498	2	54	-72684.27	.00	831.04	UA	-255098.13	.00031286	-22.74	-79.55	.00	.26	-79.81
1211	2	0.000	2	54	.00	.00	.00	2Q	.00	.00031286	.00	.00	.00	-12.95	12.95
1211	2	0.000	2	54	.00	.00	.00	9T	.00	.00031286	.00	.00	.00	-1.72	1.72

INTEREST TYPES (IT)	PRODUCT CODE (PC)	DEDUCT CODE
2-ROYALTY	2-GAS(MCF)	BW-BACKUP WITHHOLDING IT-INTEREST NE-NETTING EXPENSE FR-FIXED RATE ADJ RV-ROYALTY VOL ADJ
		1*- GATHERING 2*- GATHERING 3*- GATHERING 4*- PROCESSING 5*- COMPRESSION
		6*- MARKETING 7*- HANDLING 8*- TRANSPORTATION 9*- THIRD PARTY U*- LINE VARIANCE

CHECK TOTAL 5147.30

OWNER NUMBER	CHECK NUMBER	15192407	CHECK DATE	2/21/2013
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PROD DATE	PRICE	I T	PY GP	LEASE				PAYMENT DECIMAL	OWNER					BTU
				VOLUME	TAX	DEDUCT	NET VALUE		VOLUME	GROSS VALUE	TAX	DEDUCT	NET	
Gross value refers to the sales price received by the operator/Lessee before deduction of taxes. It may reflect the price received from an affiliated purchaser. Volume of gas is the volume (mcf) of gas produced which may or may not be equal to the volume of gas sold depending on line loss and fuel use.														
1211	3.500	2	64	72652.30	.00	-831.04	255098.13	.00031286	22.73	79.55	.00	-.26	79.81	1032
1211	0.000	2	64	.00	.00	.00	.00	.00031286	.00	.00	.00	12.95	-12.95	
1211	0.000	2	64	.00	.00	.00	.00	.00031286	.00	.00	.00	1.72	-1.72	
1212	3.669	2	01	42032.12	.00	-2316.32	156520.83	.00038423	16.15	59.25	.00	-.89	60.14	1030
1212	0.000	2	01	.00	.00	.00	.00	.00038423	.00	.00	.00	9.07	-9.07	
1212	0.000	2	01	.00	.00	.00	.00	.00038423	.00	.00	.00	2.25	-2.25	
LEASE TOTAL										59.30	0.00	273.77	-214.47	

PROD	PRICE	I	PY	VOLUME	TAX	DEDUCT	NET VALUE	PAYMENT	DECIMAL	VOLUME	GROSS VALUE	TAX	DEDUCT	NET	BTU
83174	4.591	2	R1	-96720.58	.00	.00	390078.63	.00031286	-30.26	138.92	.00	16.88	122.04	1033	
111	4.591	2	R2	96720.58	.00	.00	390078.63	.00031286	30.26	138.92	.00	16.88	122.04	1033	
111	0.000	2	R2	.00	.00	.00	.00	.00031286	.00	.00	.00	-.76	-.76		
111	4.591	2	54	-96720.58	.00	-53953.85	-390078.63	.00031286	-30.26	-138.92	.00	-16.88	-122.04	1033	
111	0.000	2	54	.00	.00	.00	.00	.00031286	.00	.00	.00	-.76	-.76		
111	4.590	2	64	96720.58	.00	.00	390014.70	.00031286	30.26	138.90	.00	16.88	122.02	1033	
111	0.000	2	64	.00	.00	.00	.00	.00031286	.00	.00	.00	-.76	-.76		
112	3.051	2	54	-84862.24	.00	1598.16	-260531.87	.00031286	-26.55	-81.01	.00	-.50	-81.51	1033	
112	0.000	2	54	.00	.00	.00	.00	.00031286	.00	.00	.00	-14.89	14.89		
112	0.000	2	54	.00	.00	.00	.00	.00031286	.00	.00	.00	-2.24	2.24		
112	3.052	2	64	84862.24	.00	-1566.20	260531.87	.00031286	26.55	81.02	.00	-.49	81.51	1033	
112	0.000	2	64	.00	.00	.00	.00	.00031286	.00	.00	.00	14.89	-14.89		
112	0.000	2	64	.00	.00	.00	.00	.00031286	.00	.00	.00	2.23	-2.23		
211	4.519	2	R1	-89145.30	.00	.00	-402831.94	.00031286	-27.89	-126.03	.00	-.00	-126.03	1032	
211	4.519	2	R2	89145.30	.00	50150.23	352681.71	.00031286	27.89	126.03	.00	15.69	110.34	1032	
211	0.000	2	R2	.00	.00	.00	.00	.00031286	.00	.00	.00	-.74	-.74		
211	4.519	2	54	-89145.30	.00	-50150.23	-352713.67	.00031286	-27.89	-126.04	.00	-15.69	-110.35	1032	
211	0.000	2	54	.00	.00	.00	.00	.00031286	.00	.00	.00	-.73	-.73		
211	4.518	2	64	89145.30	.00	50150.23	352649.75	.00031286	27.89	126.02	.00	15.69	110.33	1032	
211	0.000	2	64	.00	.00	.00	.00	.00031286	.00	.00	.00	-.73	-.73		
212	2.665	2	54	-65146.66	.00	.00	-173629.00	.00038421	-25.03	-66.71	.00	-.00	-66.71	1032	
212	0.000	2	54	.00	.00	.00	.00	.00038421	.00	.00	.00	-14.07	14.07		
212	0.000	2	54	.00	.00	.00	.00	.00038421	.00	.00	.00	-1.95	1.95		
212	2.666	2	64	65143.27	.00	.00	173645.99	.00038423	25.03	66.72	.00	-.00	66.72	1032	
212	0.000	2	64	.00	.00	.00	.00	.00038423	.00	.00	.00	14.07	-14.07		
311	4.014	2	R1	-81985.55	.00	.00	-332672.76	.00031286	-25.65	-102.95	.00	1.13	-104.08	1033	
311	4.014	2	R2	81985.55	.00	-3611.84	332672.76	.00031286	25.65	102.95	.00	-1.13	104.08	1033	
311	0.000	2	R2	.00	.00	.00	.00	.00031286	.00	.00	.00	14.74	-14.74		
311	0.000	2	R2	.00	.00	.00	.00	.00031286	.00	.00	.00	-.59	-.59		
311	4.014	2	54	-81985.55	.00	3611.84	-332672.76	.00031286	-25.65	-102.95	.00	1.13	-104.08	1033	
311	0.000	2	54	.00	.00	.00	.00	.00031286	.00	.00	.00	-14.74	14.74		
311	0.000	2	54	.00	.00	.00	.00	.00031286	.00	.00	.00	-.59	-.59		
311	4.014	2	64	81985.55	.00	-3611.84	332672.76	.00031286	25.65	102.95	.00	-1.13	104.08	1033	

INTEREST TYPES (IT)	PRODUCT CODE (PC)	DEDUCT CODE
2-ROYALTY	2-GAS (MCF)	BW-BACKUP WITHHOLDING IT-INTEREST NE-NETTING EXPENSE FR-FIXED RATE ADJ RV-ROYALTY VOL ADJ
		1*- GATHERING 2*- GATHERING 3*- GATHERING 4*- PROCESSING 5*- COMPRESSION
		6*- MARKETING 7*- HANDLING 8*- TRANSPORTATION 9*- THIRD PARTY U*- LINE VARIANCE

CHECK TOTAL				\$147.30	
OWNER NUMBER		CHECK NUMBER	15192407	CHECK DATE	2/21/2013

PROD DATE	P C	PRICE	I T	PY GP	LEASE				PAYMENT DECIMAL	OWNER					
					VOLUME	TAX	DEDUCT	NET VALUE		VOLUME	GROSS VALUE	TAX	DEDUCT	NET	BTU
Gross Value refers to the sales price received by the operator/Lessee before deduction of taxes. It may reflect the price received from an affiliated purchaser.															
Volume of gas is the volume (mcf) of gas produced which may or may not be equal to the volume of gas sold depending on line loss and fuel use.															
311	2	0.000	2	64	.00	.00	.00 2Q	.00	.00031286	.00	.00	.00	14.74	-14.74	
311	2	0.000	2	64	.00	.00	.00 9T	.00	.00031286	.00	.00	.00	.59	-.59	
312	2	2.359	2	54	-63090.50	.00	4789.05 UA	-153639.94	.00038421	-24.24	-57.19	.00	1.84	-59.03	1032
312	2	0.000	2	54	.00	.00	.00 2Q	.00	.00038421	.00	.00	.00	-13.61	13.61	
312	2	0.000	2	54	.00	.00	.00 9T	.00	.00038421	.00	.00	.00	-1.83	1.83	
312	2	2.359	2	64	63087.21	.00	-4788.80 UA	153631.94	.00038423	24.24	57.19	.00	-1.84	59.03	1032
312	2	0.000	2	64	.00	.00	.00 2Q	.00	.00038423	.00	.00	.00	13.61	-13.61	
312	2	0.000	2	64	.00	.00	.00 9T	.00	.00038423	.00	.00	.00	1.84	-1.84	
411	2	4.514	2	R1	-94387.27	.00	6936.01 UA	-432973.21	.00031286	-29.53	-133.29	.00	2.17	-135.46	1033
411	2	4.514	2	R2	94387.27	.00	-6936.01 UA	432973.21	.00031286	29.53	133.29	.00	-2.17	135.46	1033
411	2	0.000	2	R2	.00	.00	.00 2Q	.00	.00031286	.00	.00	.00	17.06	-17.06	
411	2	0.000	2	R2	.00	.00	.00 9T	.00	.00031286	.00	.00	.00	1.59	-1.59	
411	2	4.514	2	54	-94387.27	.00	6967.97 UA	-433005.18	.00031286	-29.53	-133.29	.00	2.18	-135.47	1033
411	2	0.000	2	54	.00	.00	.00 2Q	.00	.00031286	.00	.00	.00	-17.06	17.06	
411	2	0.000	2	54	.00	.00	.00 9T	.00	.00031286	.00	.00	.00	-1.60	1.60	
411	2	4.514	2	64	94387.27	.00	-6936.01 UA	433005.18	.00031286	29.53	133.30	.00	-2.17	135.47	1033
411	2	0.000	2	64	.00	.00	.00 2Q	.00	.00031286	.00	.00	.00	17.06	-17.06	
411	2	0.000	2	64	.00	.00	.00 9T	.00	.00031286	.00	.00	.00	1.60	-1.60	
412	2	2.141	2	54	-65823.38	.00	4112.33 UA	-145050.88	.00038421	-25.29	-54.15	.00	1.58	-55.73	1032
412	2	0.000	2	54	.00	.00	.00 2Q	.00	.00038421	.00	.00	.00	-14.19	14.19	
412	2	0.000	2	54	.00	.00	.00 9T	.00	.00038421	.00	.00	.00	-1.91	1.91	
412	2	2.141	2	64	65819.95	.00	-4112.12 UA	145043.33	.00038423	25.29	54.15	.00	-1.58	55.73	1032
412	2	0.000	2	64	.00	.00	.00 2Q	.00	.00038423	.00	.00	.00	14.19	-14.19	
412	2	0.000	2	64	.00	.00	.00 9T	.00	.00038423	.00	.00	.00	1.91	-1.91	
511	2	4.595	2	R1	-96209.17	.00	767.12 UA	-442881.80	.00031286	-30.10	-138.32	.00	.24	-138.56	1033
511	2	4.595	2	R2	96209.17	.00	-767.12 UA	442881.80	.00031286	30.10	138.32	.00	-.24	138.56	1033
511	2	0.000	2	R2	.00	.00	.00 2Q	.00	.00031286	.00	.00	.00	17.14	-17.14	
511	2	0.000	2	R2	.00	.00	.00 9T	.00	.00031286	.00	.00	.00	1.87	-1.87	
511	2	4.595	2	54	-96209.17	.00	767.12 UA	-442881.80	.00031286	-30.10	-138.32	.00	.24	-138.56	1033
511	2	0.000	2	54	.00	.00	.00 2Q	.00	.00031286	.00	.00	.00	-17.13	17.13	
511	2	0.000	2	54	.00	.00	.00 9T	.00	.00031286	.00	.00	.00	-1.88	1.88	
511	2	4.595	2	64	96209.17	.00	-767.12 UA	442849.84	.00031286	30.10	138.31	.00	-.24	138.55	1033
511	2	0.000	2	64	.00	.00	.00 2Q	.00	.00031286	.00	.00	.00	17.14	-17.14	
511	2	0.000	2	64	.00	.00	.00 9T	.00	.00031286	.00	.00	.00	1.88	-1.88	
512	2	2.066	2	54	-68191.87	.00	1145.21 UA	-142031.70	.00038421	-26.20	-54.13	.00	.44	-54.57	1032
512	2	0.000	2	54	.00	.00	.00 2Q	.00	.00038421	.00	.00	.00	-14.71	14.71	
512	2	0.000	2	54	.00	.00	.00 9T	.00	.00038421	.00	.00	.00	-1.86	1.86	
512	2	2.065	2	64	68214.35	.00	-1145.15 UA	142024.31	.00038423	26.21	54.13	.00	-.44	54.57	1032
512	2	0.000	2	64	.00	.00	.00 2Q	.00	.00038423	.00	.00	.00	14.71	-14.71	
512	2	0.000	2	64	.00	.00	.00 9T	.00	.00038423	.00	.00	.00	1.86	-1.86	
611	2	4.503	2	R1	-83328.01	.00	1310.49 UA	-376526.24	.00031286	-26.07	-117.39	.00	.41	-117.80	1033
611	2	4.503	2	R2	83328.01	.00	-1310.49 UA	376526.24	.00031286	26.07	117.39	.00	-.41	117.80	1033
611	2	0.000	2	R2	.00	.00	.00 2Q	.00	.00031286	.00	.00	.00	14.86	-14.86	

INTEREST TYPES (IT)	PRODUCT CODE (PC)	DEDUCT CODE
2-ROYALTY	2-GAS(MCF)	BW-BACKUP WITHHOLDING IT-INTEREST NE-NETTING EXPENSE FR-FIXED RATE ADJ RV-ROYALTY VOL ADJ
		1*- GATHERING 2*- GATHERING 3*- GATHERING 4*- PROCESSING 5*- COMPRESSION
		6*- MARKETING 7*- HANDLING 8*- TRANSPORTATION 9*- THIRD PARTY U*- LINE VARIANCE

CHECK TOTAL \$147.30

OWNER NUMBER	CHECK NUMBER	15192407	CHECK DATE	2/21/2013
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PROD DATE	P C	PRICE	I T	PY GP	LEASE				PAYMENT DECIMAL	OWNER					
					VOLUME	TAX	DEDUCT	NET VALUE		VOLUME	GROSS VALUE	TAX	DEDUCT	NET	BTU
Gross value refers to the sales price received by the operator/Lessee before deduction of taxes. It may reflect the price received from an affiliated purchaser.															
Volume of gas is the volume (mcf) of gas produced which may or may not be equal to the volume of gas sold depending on line loss and fuel use.															
611	Z	0.000	2	R2	.00	.00	.009T	.00	.00031286	.00	.00	.00	1.48	-1.48	
611	Z	4.504	2	54	-83296.04	.00	1310.49UA	-376494.28	.00031286	-26.06	-117.38	.00	.41	-117.79	1033
611	Z	0.000	2	54	.00	.00	.002Q	.00	.00031286	.00	.00	.00	-14.87	14.87	
611	Z	0.000	2	54	.00	.00	.009T	.00	.00031286	.00	.00	.00	-1.47	1.47	
611	Z	4.503	2	64	83328.01	.00	-1310.49UA	376526.24	.00031286	26.07	117.39	.00	-.41	117.80	1033
611	Z	0.000	2	64	.00	.00	.002Q	.00	.00031286	.00	.00	.00	14.86	-14.86	
611	Z	0.000	2	64	.00	.00	.009T	.00	.00031286	.00	.00	.00	1.47	-1.47	
612	Z	2.368	2	54	-64105.57	.00	1379.45UA	-153197.47	.00038421	-24.63	-58.33	.00	.53	-58.86	1032
612	Z	0.000	2	54	.00	.00	.002Q	.00	.00038421	.00	.00	.00	-13.83	13.83	
612	Z	0.000	2	54	.00	.00	.009T	.00	.00038421	.00	.00	.00	-1.73	1.73	
612	Z	2.369	2	64	64102.23	.00	-1379.38UA	153215.52	.00038423	24.63	58.34	.00	-.53	58.87	1032
612	Z	0.000	2	64	.00	.00	.002Q	.00	.00038423	.00	.00	.00	13.83	-13.83	
612	Z	0.000	2	64	.00	.00	.009T	.00	.00038423	.00	.00	.00	1.73	-1.73	
711	Z	4.558	2	R1	-84382.79	.00	1981.72UA	-386594.64	.00031286	-26.40	-120.33	.00	.62	-120.95	1033
711	Z	4.558	2	R2	84382.79	.00	-1981.72UA	386594.64	.00031286	26.40	120.33	.00	-.62	120.95	1033
711	Z	0.000	2	R2	.00	.00	.002Q	.00	.00031286	.00	.00	.00	15.08	-15.08	
711	Z	0.000	2	R2	.00	.00	.009T	.00	.00031286	.00	.00	.00	1.69	-1.69	
711	Z	4.558	2	54	-84382.79	.00	2013.68UA	-386626.61	.00031286	-26.40	-120.33	.00	.63	-120.96	1033
711	Z	0.000	2	54	.00	.00	.002Q	.00	.00031286	.00	.00	.00	-15.08	15.08	
711	Z	0.000	2	54	.00	.00	.009T	.00	.00031286	.00	.00	.00	-1.69	1.69	
711	Z	4.558	2	64	84382.79	.00	-2013.68UA	386626.61	.00031286	26.40	120.33	.00	-.63	120.96	1033
711	Z	0.000	2	64	.00	.00	.002Q	.00	.00031286	.00	.00	.00	15.08	-15.08	
711	Z	0.000	2	64	.00	.00	.009T	.00	.00031286	.00	.00	.00	1.70	-1.70	
712	Z	2.599	2	54	-61945.29	.00	1795.89UA	-162775.57	.00038421	-23.80	-61.85	.00	.69	-62.54	1031
712	Z	0.000	2	54	.00	.00	.002Q	.00	.00038421	.00	.00	.00	-13.36	13.36	
712	Z	0.000	2	54	.00	.00	.009T	.00	.00038421	.00	.00	.00	-1.21	1.21	
712	Z	2.598	2	64	61942.07	.00	-1795.80UA	162741.07	.00038423	23.80	61.84	.00	-.69	62.53	1031
712	Z	0.000	2	64	.00	.00	.002Q	.00	.00038423	.00	.00	.00	13.36	-13.36	
712	Z	0.000	2	64	.00	.00	.009T	.00	.00038423	.00	.00	.00	1.22	-1.22	
810	Z	5.272	2	R1	-25162.95	.00	.00	-132661.31	.00039582	-9.96	-52.51	.00	.00	-52.51	1075
810	Z	5.272	2	R2	25162.95	.00	15082.612Q	117578.70	.00039582	9.96	52.51	.00	5.97	46.54	1075
810	Z	0.000	2	R2	.00	.00	.008T	.00	.00039582	.00	.00	.00	.12	-.12	
810	Z	5.267	2	54	-25188.22	.00	-15082.612Q	-117578.70	.00039582	-9.97	-52.51	.00	-5.97	-46.54	1075
810	Z	0.000	2	54	.00	.00	.008T	.00	.00039582	.00	.00	.00	-.12	.12	
810	Z	5.272	2	64	25162.32	.00	15107.502Q	117550.46	.00039583	9.96	52.51	.00	5.98	46.53	1075
810	Z	0.000	2	64	.00	.00	.008T	.00	.00039583	.00	.00	.00	-.12	.12	
811	Z	4.579	2	R1	-29310.23	.00	287.67UA	-134501.05	.00031286	-9.17	-41.99	.00	.09	-42.08	1033
811	Z	4.579	2	R2	29310.23	.00	-287.67UA	134501.05	.00031286	9.17	41.99	.00	-.09	42.08	1033
811	Z	0.000	2	R2	.00	.00	.002Q	.00	.00031286	.00	.00	.00	5.22	-5.22	
811	Z	0.000	2	R2	.00	.00	.009T	.00	.00031286	.00	.00	.00	.52	-.52	
811	Z	4.585	2	54	-29278.27	.00	319.63UA	-134564.98	.00031286	-9.16	-42.00	.00	.10	-42.10	1033
811	Z	0.000	2	54	.00	.00	.002Q	.00	.00031286	.00	.00	.00	-5.22	5.22	
811	Z	0.000	2	54	.00	.00	.009T	.00	.00031286	.00	.00	.00	-.52	.52	

INTEREST TYPES (IT)	PRODUCT CODE (PC)	DEDUCT CODE
2-ROYALTY	2-GAS(MCF)	BW-BACKUP WITHHOLDING IT-INTEREST NE-NETTING EXPENSE FR-FIXED RATE ADJ RV-ROYALTY VOL ADJ
		1*- GATHERING 2*- GATHERING 3*- GATHERING 4*- PROCESSING 5*- COMPRESSION
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CHECK TOTAL		\$147.30
OWNER NUMBER	CHECK NUMBER	CHECK DATE
	15192407	2/21/2013

PROD DATE	P C	PRICE	I T	PY GP	LEASE				PAYMENT DECIMAL	OWNER					BTU	
					VOLUME	TAX	DEDUCT	NET VALUE		VOLUME	GROSS VALUE	TAX	DEDUCT	NET		
Gross value refers to the sales price received by the operator/Lessee before deduction of taxes. It may reflect the price received from an affiliated purchaser.																
Volume of gas is the volume (mcf) of gas produced which may or may not be equal to the volume of gas sold depending on line loss and fuel use.																
811	Z	4.580	2	64	29310.23	.00	-319.63	UA	134564.98	.00031286	9.17	42.00	.00	-10	42.10	1033
811	Z	0.000	2	64	.00	.00	.00	2Q	.00	.00031286	.00	.00	.00	5.22	-5.22	
811	Z	0.000	2	64	.00	.00	.00	9T	.00	.00031286	.00	.00	.00	.51	-.51	
812	Z	2.825	2	54	-59316.52	.00	1665.76	UA	-169256.40	.00038421	-22.79	-64.39	.00	.64	-65.03	1031
812	Z	0.000	2	54	.00	.00	.00	2Q	.00	.00038421	.00	.00	.00	-12.78	12.78	
812	Z	0.000	2	54	.00	.00	.00	9T	.00	.00038421	.00	.00	.00	-1.19	1.19	
812	Z	2.826	2	64	59313.43	.00	-1665.67	UA	169273.61	.00038423	22.79	64.40	.00	.64	65.04	1031
812	Z	0.000	2	64	.00	.00	.00	2Q	.00	.00038423	.00	.00	.00	12.78	-12.78	
812	Z	0.000	2	64	.00	.00	.00	9T	.00	.00038423	.00	.00	.00	1.19	-1.19	
910	Z	3.876	2	R1	-178464.96	.00	.00		-691779.09	.00039582	-70.64	-273.82	.00	.00	-273.82	1055
910	Z	3.876	2	R2	178464.96	.00	102218.18	2Q	589560.91	.00039582	70.64	273.82	.00	40.46	233.36	1055
910	Z	0.000	2	R2	.00	.00	.00	8T	.00	.00039582	.00	.00	.00	.73	-.73	
910	Z	3.877	2	54	-178439.69	.00	-102218.18	2Q	-589586.18	.00039582	-70.63	-273.83	.00	-40.46	-233.37	1055
910	Z	0.000	2	54	.00	.00	.00	8T	.00	.00039582	.00	.00	.00	-.73	.73	
910	Z	3.876	2	64	178460.45	.00	102215.60	2Q	589571.28	.00039583	70.64	273.83	.00	40.46	233.37	1055
910	Z	0.000	2	64	.00	.00	.00	8T	.00	.00039583	.00	.00	.00	.73	-.73	
911	Z	4.113	2	R1	-65812.18	.00	1917.79	UA	-272613.95	.00031286	-20.59	-84.69	.00	.60	-85.29	1033
911	Z	4.113	2	R2	65812.18	.00	-1917.79	UA	272613.95	.00031286	20.59	84.69	.00	-.60	85.29	1033
911	Z	0.000	2	R2	.00	.00	.00	2Q	.00	.00031286	.00	.00	.00	11.79	-11.79	
911	Z	0.000	2	R2	.00	.00	.00	9T	.00	.00031286	.00	.00	.00	.84	-.84	
911	Z	4.111	2	54	-65844.15	.00	1885.83	UA	-272581.99	.00031286	-20.60	-84.69	.00	.59	-85.28	1033
911	Z	0.000	2	54	.00	.00	.00	2Q	.00	.00031286	.00	.00	.00	-11.79	11.79	
911	Z	0.000	2	54	.00	.00	.00	9T	.00	.00031286	.00	.00	.00	-.85	.85	
911	Z	4.113	2	64	65812.18	.00	-1885.83	UA	272581.99	.00031286	20.59	84.69	.00	-.59	85.28	1033
911	Z	0.000	2	64	.00	.00	.00	2Q	.00	.00031286	.00	.00	.00	11.79	-11.79	
911	Z	0.000	2	64	.00	.00	.00	9T	.00	.00031286	.00	.00	.00	.85	-.85	
912	Z	2.461	2	54	-55282.27	.00	1483.56	UA	-137554.98	.00038421	-21.24	-52.28	.00	.57	-52.85	1031
912	Z	0.000	2	54	.00	.00	.00	2Q	.00	.00038421	.00	.00	.00	-11.91	11.91	
912	Z	0.000	2	54	.00	.00	.00	9T	.00	.00038421	.00	.00	.00	-1.05	1.05	
912	Z	2.461	2	64	55279.39	.00	-1483.49	UA	137547.82	.00038423	21.24	52.28	.00	-.57	52.85	1031
912	Z	0.000	2	64	.00	.00	.00	2Q	.00	.00038423	.00	.00	.00	11.91	-11.91	
912	Z	0.000	2	64	.00	.00	.00	9T	.00	.00038423	.00	.00	.00	1.05	-1.05	
1010	Z	3.872	2	R1	-168157.24	.00	.00		-651154.57	.00039582	-66.56	-257.74	.00	.00	-257.74	1033
1010	Z	3.872	2	R2	168157.24	.00	93476.83	2Q	557677.73	.00039582	66.56	257.74	.00	37.00	220.74	1033
1010	Z	0.000	2	R2	.00	.00	.00	8T	.00	.00039582	.00	.00	.00	.63	-.63	
1010	Z	3.872	2	54	-168182.51	.00	-93502.10	2Q	-557677.73	.00039582	-66.57	-257.75	.00	-37.01	-220.74	1033
1010	Z	0.000	2	54	.00	.00	.00	8T	.00	.00039582	.00	.00	.00	-.63	.63	
1010	Z	3.872	2	64	168152.99	.00	93499.73	2Q	557638.38	.00039583	66.56	257.74	.00	37.01	220.73	1033
1010	Z	0.000	2	64	.00	.00	.00	8T	.00	.00039583	.00	.00	.00	.64	-.64	
1011	Z	3.790	2	R1	-80227.58	.00	1086.75	UA	-305184.43	.00031286	-25.10	-95.14	.00	.34	-95.48	1033
1011	Z	3.790	2	R2	80227.58	.00	-1086.75	UA	305184.43	.00031286	25.10	95.14	.00	-.34	95.48	1033
1011	Z	0.000	2	R2	.00	.00	.00	2Q	.00	.00031286	.00	.00	.00	14.31	-14.31	
1011	Z	0.000	2	R2	.00	.00	.00	9T	.00	.00031286	.00	.00	.00	1.17	-1.17	

INTEREST TYPES (IT)	PRODUCT CODE (PC)	DEDUCT CODE
2-ROYALTY	2-GAS(MCF)	BW-BACKUP WITHHOLDING IT-INTEREST NE-NETTING EXPENSE FR-FIXED RATE ADJ RV-ROYALTY VOL ADJ
		1*- GATHERING 2*- GATHERING 3*- GATHERING 4*- PROCESSING 5*- COMPRESSION
		6*- MARKETING 7*- HANDLING 8*- TRANSPORTATION 9*- THIRD PARTY U*- LINE VARIANCE

CHECK TOTAL \$147.30

OWNER NUMBER	CHECK NUMBER	15192407	CHECK DATE	2/21/2013
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PROD DATE	P C	PRICE	I T	PY GP	LEASE				PAYMENT DECIMAL	OWNER					
					VOLUME	TAX	DEDUCT	NET VALUE		VOLUME	GROSS VALUE	TAX	DEDUCT	NET	BTU
Gross value refers to the sales price received by the operator/Lessee before deduction of taxes. It may reflect the price received from an affiliated purchaser.															
Volume of gas is the volume (mcf) of gas produced which may or may not be equal to the volume of gas sold depending on line tags and fuel use.															
1011	2	3.790	2	54	-80227.58	.00	1086.75 UA	-305184.43	.00031286	-25.10	-95.14	.00	.34	-95.48	1033
1011	2	0.000	2	54	.00	.00	.00 2Q	.00	.00031286	.00	.00	.00	-14.32	14.32	
1011	2	0.000	2	54	.00	.00	.00 9T	.00	.00031286	.00	.00	.00	-1.16	1.16	
1011	2	3.790	2	64	80227.58	.00	-1086.75 UA	305184.43	.00031286	25.10	95.14	.00	-.34	95.48	1033
1011	2	0.000	2	64	.00	.00	.00 2Q	.00	.00031286	.00	.00	.00	14.32	-14.32	
1011	2	0.000	2	64	.00	.00	.00 9T	.00	.00031286	.00	.00	.00	1.17	-1.17	
1012	2	2.878	2	54	-51820.62	.00	1041.10 UA	-150204.32	.00038421	-19.91	-57.31	.00	.40	-57.71	1031
1012	2	0.000	2	54	.00	.00	.00 2Q	.00	.00038421	.00	.00	.00	-11.13	11.13	
1012	2	0.000	2	54	.00	.00	.00 9T	.00	.00038421	.00	.00	.00	-.90	.90	
1012	2	2.879	2	64	51817.92	.00	-1041.04 UA	150222.52	.00038423	19.91	57.32	.00	-.40	57.72	1031
1012	2	0.000	2	64	.00	.00	.00 2Q	.00	.00038423	.00	.00	.00	11.13	-11.13	
1012	2	0.000	2	64	.00	.00	.00 9T	.00	.00038423	.00	.00	.00	.90	-.90	
1110	2	3.522	2	R1	-90040.27	.00	.00	-317106.69	.00031286	-28.17	-99.21	.00	.00	-99.21	1034
1110	2	3.522	2	R2	90040.27	.00	50342.01 2Q	266764.69	.00031286	28.17	99.21	.00	15.75	83.46	1034
1110	2	0.000	2	R2	.00	.00	.00 8T	.00	.00031286	.00	.00	.00	-.43	-.43	
1110	2	3.522	2	54	-90040.27	.00	-50342.01 2Q	-266764.69	.00031286	-28.17	-99.21	.00	-15.75	-83.46	1034
1110	2	0.000	2	54	.00	.00	.00 8T	.00	.00031286	.00	.00	.00	-.42	.42	
1110	2	3.522	2	64	90040.27	.00	50373.97 2Q	266764.69	.00031286	28.17	99.22	.00	15.76	83.46	1034
1110	2	0.000	2	64	.00	.00	.00 8T	.00	.00031286	.00	.00	.00	-.42	-.42	
1111	2	3.571	2	54	-90327.94	.00	1598.16 UA	-324202.52	.00031286	-28.26	-100.93	.00	.50	-101.43	1033
1111	2	0.000	2	54	.00	.00	.00 2Q	.00	.00031286	.00	.00	.00	-16.14	16.14	
1111	2	0.000	2	54	.00	.00	.00 9T	.00	.00031286	.00	.00	.00	-2.62	2.62	
1111	2	3.572	2	64	90327.94	.00	-1598.16 UA	324234.48	.00031286	28.26	100.94	.00	-.50	101.44	1033
1111	2	0.000	2	64	.00	.00	.00 2Q	.00	.00031286	.00	.00	.00	16.13	-16.13	
1111	2	0.000	2	64	.00	.00	.00 9T	.00	.00031286	.00	.00	.00	2.62	-2.62	
1112	2	3.516	2	54	-50206.92	.00	1587.67 UA	-178105.72	.00038421	-19.29	-67.82	.00	.61	-68.43	1031
1112	2	0.000	2	54	.00	.00	.00 2Q	.00	.00038421	.00	.00	.00	-10.81	10.81	
1112	2	0.000	2	54	.00	.00	.00 9T	.00	.00038421	.00	.00	.00	-.49	.49	
1112	2	3.515	2	64	50230.33	.00	-1587.59 UA	178122.48	.00038423	19.30	67.83	.00	-.61	68.44	1031
1112	2	0.000	2	64	.00	.00	.00 2Q	.00	.00038423	.00	.00	.00	10.81	-10.81	
1112	2	0.000	2	64	.00	.00	.00 9T	.00	.00038423	.00	.00	.00	.49	-.49	
1210	2	4.534	2	R1	-90391.87	.00	.00	-409799.91	.00031286	-28.28	-128.21	.00	.00	-128.21	1034
1210	2	4.534	2	R2	90391.87	.00	50565.75 2Q	359234.16	.00031286	28.28	128.21	.00	15.82	112.39	1034
1210	2	0.000	2	R2	.00	.00	.00 8T	.00	.00031286	.00	.00	.00	.87	-.87	
1210	2	4.536	2	54	-90359.91	.00	-50565.75 2Q	-359266.13	.00031286	-28.27	-128.22	.00	-15.82	-112.40	1034
1210	2	0.000	2	54	.00	.00	.00 8T	.00	.00031286	.00	.00	.00	-.87	.87	
1210	2	4.536	2	64	90359.91	.00	50565.75 2Q	359298.09	.00031286	28.27	128.23	.00	15.82	112.41	1034
1210	2	0.000	2	64	.00	.00	.00 8T	.00	.00031286	.00	.00	.00	.87	-.87	
1211	2	3.503	2	54	-84990.09	.00	990.86 UA	-298695.90	.00031286	-26.59	-93.14	.00	.31	-93.45	1033
1211	2	0.000	2	54	.00	.00	.00 2Q	.00	.00031286	.00	.00	.00	-15.16	15.16	
1211	2	0.000	2	54	.00	.00	.00 9T	.00	.00031286	.00	.00	.00	-2.00	2.00	
1211	2	3.502	2	64	85022.05	.00	-990.86 UA	298695.90	.00031286	26.60	93.14	.00	-.31	93.45	1033
1211	2	0.000	2	64	.00	.00	.00 2Q	.00	.00031286	.00	.00	.00	15.16	-15.16	

INTEREST TYPES (IT)

PRODUCT CODE (PC)

DEDUCT CODE

2-ROYALTY

2-GAS (MCF)

BW-BACKUP WITHHOLDING
IT-INTEREST
NE-NETTING EXPENSE
FR-FIXED RATE ADJ
RV-ROYALTY VOL ADJ

1*- GATHERING
2*- GATHERING
3*- GATHERING
4*- PROCESSING
5*- COMPRESSION
6*- MARKETING
7*- HANDLING
8*- TRANSPORTATION
9*- THIRD PARTY
U*- LINE VARIANCE

CHECK TOTAL

\$147.30

OWNER NUMBER

CHECK NUMBER

15192407

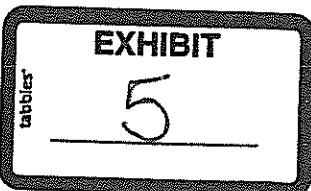
CHECK DATE

2/21/2013

PROD DATE	P C	PRICE	I T	PY GP	LEASE				PAYMENT DECIMAL	OWNER					
					VOLUME	TAX	DEDUCT	NET VALUE		VOLUME	GROSS VALUE	TAX	DEDUCT	NET	B* TU
Gross Value refers to the sales price received by the operator/Lessee before deduction of taxes. It may reflect the price received from an affiliated purchaser.															
Volume of gas is the volume (mcf) of gas produced which may or may not be equal to the volume of gas sold depending on line loss and fuel use.															
1211	2	0.000	2	64	.00	.00	.009T	.00	.00031286	.00	.00	.00	2.00	-2.00	
1212	2	3.670	2	01	56320.43	.00	-3097.10UA	209770.19	.00038423	21.64	79.41	.00	-1.19	80.60	1.031
1212	2	0.000	2	01	.00	.00	.002Q	.00	.00038423	.00	.00	.00	12.17	-12.17	
1212	2	0.000	2	01	.00	.00	.009T	.00	.00038423	.00	.00	.00	3.02	-3.02	
LEASE TOTAL										79.45	0.00	285.86	-206.41		
832460-HOPSON 5H															
1212	2	3.683	2	01	32747.60	.00	-2396.17UA	123003.19	.00001252	.41	1.51	.00	-.03	1.54	1.029
1212	2	0.000	2	01	.00	.00	.002Q	.00	.00001252	.00	.00	.00	.24	-.24	
1212	2	0.000	2	01	.00	.00	.009T	.00	.00001252	.00	.00	.00	.05	-.05	
LEASE TOTAL										1.51	0.00	0.26	1.25		
999912-MISCELLANEOUS RECOUPMENT PA															
112	2	0.000	2	R3	.00	.00	.00AO	.00	1.00000000	.00	.00	.00	-1196.31	1196.31	
113	2	0.000	2	R3	.00	.00	.00AO	.00	1.00000000	.00	.00	.00	-1000.00	1000.00	
212	2	0.000	2	R3	.00	.00	.00AO	.00	1.00000000	.00	.00	.00	-1178.77	1178.77	
312	2	0.000	2	R3	.00	.00	.00AO	.00	1.00000000	.00	.00	.00	-232.25	232.25	
412	2	0.000	2	R3	.00	.00	.00AO	.00	1.00000000	.00	.00	.00	-680.95	680.95	
512	2	0.000	2	R3	.00	.00	.00AO	.00	1.00000000	.00	.00	.00	-638.55	638.55	
612	2	0.000	2	R3	.00	.00	.00AO	.00	1.00000000	.00	.00	.00	-546.51	546.51	
712	2	0.000	2	R3	.00	.00	.00AO	.00	1.00000000	.00	.00	.00	-507.16	507.16	
812	2	0.000	2	R3	.00	.00	.00AO	.00	1.00000000	.00	.00	.00	-629.83	629.83	
912	2	0.000	2	R3	.00	.00	.00AO	.00	1.00000000	.00	.00	.00	-685.83	685.83	
1012	2	0.000	2	R3	.00	.00	.00AO	.00	1.00000000	.00	.00	.00	-738.92	738.92	
1112	2	0.000	2	R3	.00	.00	.00AO	.00	1.00000000	.00	.00	.00	-603.16	603.16	
LEASE TOTAL										0.00	0.00	-8638.24	8638.24		
OWNER TOTAL										1524.84		.00			
												-8638.24	AO		
												9,655.82	2*		
												111.36	8*		
												270.16	9*		
												-21.56	U*		
														147.30	
INTEREST TYPES (IT)															
PRODUCT CODE (PC)															
DEDUCT CODE															
2-ROYALTY				2-GAS(MCF)				BW-BACKUP WITHHOLDING				1*- GATHERING		6*- MARKETING	
								IT-INTEREST				2*- GATHERING		7*- HANDLING	
								NE-NETTING EXPENSE				3*- GATHERING		8*- TRANSPORTATION	
								FR-FIXED RATE ADJ				4*- PROCESSING		9*- THIRD PARTY	
								RV-ROYALTY VOL ADJ				5*- COMPRESSION		U*- LINE VARIANCE	
CHECK TOTAL														\$147.30	
OWNER NUMBER				CHECK NUMBER				15192407				CHECK DATE		2/21/2013	

Otten 1H
Production by Landowner

Month	Production	Price	Production	Price	Production	Price	Production	Price	Production	Price	Production	Price
Sep-09	43740.57	3.190	43556.97	3.200	43557.40	3.200	43557.54	3.200	43556.26	3.200	43515.67	3.200
Oct-09	82202.11	3.982	83173.93	3.940	83176.05	3.940	83254.18	3.940	83031.30	3.950	83194.36	3.940
Nov-09	97285.07	4.124	96135.30	4.180	96265.97	4.170	96166.66	4.180	95988.15	4.190	96031.14	4.190
Dec-09	18099.55	4.667	17975.94	4.680	18071.15	4.650	18072.39	4.650	17989.30	4.670	17989.30	4.670
Jan-10	76168.93	5.663	73988.96	5.830	74050.10	5.820	73991.23	5.830	74058.18	5.820	73999.56	5.830
Feb-10	99547.51	5.197	100160.50	5.170	100162.68	5.170	100160.00	5.170	100161.30	5.170	100243.28	5.160
Mar-10	100301.66	4.218	100592.60	4.210	100625.07	4.210	100740.61	4.200	100763.04	4.200	100617.21	4.210
Apr-10	74604.37	4.172	74061.49	4.200	73802.40	4.210	73973.84	4.200	74086.04	4.200	74094.25	4.200
May-10	71590.05	4.568	71701.36	4.560	71700.60	4.560	71702.25	4.560	71701.38	4.560	71623.81	4.570
Jun-10	64807.84	4.588	64661.62	4.550	64663.80	4.550	64661.39	4.550	64661.62	4.550	64583.66	4.550
Jul-10	63300.68	4.988	63217.27	5.000	63121.08	5.000	63254.02	4.990	63121.06	5.000	63237.35	5.000
Aug-10	53504.14	4.972	53797.07	4.960	53604.16	4.980	53736.89	4.970	53601.92	4.980	53759.22	4.960
Sep-10	55764.88	3.892	56163.98	3.850	56357.51	3.840	56090.08	3.860	56357.10	3.840	56162.39	3.850
Oct-10	55011.30	3.904	54466.97	3.950	54949.30	3.920	54416.49	3.955	54393.10	3.960	54481.66	3.950
Nov-10	21084.34	3.536	21041.77	3.570	21236.62	3.530	21102.51	3.555	20957.77	3.580	21040.26	3.570
Dec-10	19578.31	4.385	18701.00	4.590	18861.58	4.550	18746.64	4.582	18723.53	4.590	18656.25	4.600
Jan-11	18825.30	4.640	18708.74	4.670	18579.94	4.700	18730.59	4.662	18720.75	4.660	18725.09	4.660
Feb-11	16566.27	4.364	15946.87	4.550	16040.96	4.530	15909.16	4.565	16043.57	4.530	15964.81	4.550
Mar-11	16566.27	3.955	16312.79	4.000	16309.99	4.000	16311.84	4.002	16313.80	4.000	16312.93	4.000
Apr-11	16566.27	4.455	16406.69	4.500	16406.67	4.500	16406.82	4.498	16405.73	4.500	16406.80	4.500
May-11	15060.24	4.700	15417.34	4.580	15418.83	4.580	15418.18	4.581	15416.76	4.580	15418.39	4.580
Jun-11	14307.23	4.579	14539.30	4.490	14540.27	4.490	14539.25	4.491	14539.22	4.490	14539.49	4.490
Jul-11	15060.24	4.400	14683.55	4.550	14687.40	4.550	14683.73	4.549	14684.09	4.550	14683.43	4.550
Aug-11	4518.07	4.333	4291.41	4.570	4291.88	4.570	4290.34	4.573	4290.17	4.570	4291.21	4.570
Sep-11	753.01	2.000	530.50	4.110	529.65	4.120	531.11	4.103	529.31	4.120	531.17	4.100
Oct-11	16566.27	3.909	17217.93	3.780	17217.97	3.780	17217.53	3.783	17219.19	3.780	17217.24	3.780
Nov-11	13554.22	3.556	13554.22	3.526	13240.88	3.568	13240.88	3.568	13408.18	3.570	13408.70	3.570
Dec-11	14307.23	3.526	14307.23	3.526	14420.18	3.499	14420.18	3.499	14419.43	3.500	14419.80	3.500
Jan-12	13554.22	3.056	13554.22	3.056	13633.55	3.047	13633.55	3.047	13633.83	3.050	13633.61	3.050
Feb-12	11295.18	2.800	11295.18	2.800	11810.13	2.662	11810.13	2.662	11809.12	2.660	11810.11	2.660
Mar-12	12801.20	2.294	12801.20	2.294	12615.49	2.356	12615.49	2.356	12617.00	2.360	12615.86	2.360
Apr-12	10542.17	2.143	10542.17	2.143	10722.49	2.139	10722.49	2.139	10722.64	2.140	10723.13	2.140
May-12	11295.18	2.000	11295.18	2.000	11081.03	2.063	11081.03	2.063	11082.01	2.060	11080.63	2.060
Jun-12	11295.18	2.333	11295.18	2.333	11066.31	2.366	11066.31	2.366	11068.09	2.370	11067.33	2.370
Jul-12	9789.16	2.692	9789.16	2.692	9911.79	2.598	9911.79	2.598	9991.97	2.600	9911.51	2.600
Aug-12	6777.11	2.778	6777.11	2.778	6539.18	2.823	6539.18	2.823	6538.33	2.820	6538.70	2.820
Sep-12	13554.22	2.389	13554.22	2.389	13073.01	2.460	13073.01	2.460	13071.09	2.460	13073.50	2.460
Oct-12	10542.17	2.929	10542.17	2.929	10757.28	2.877	10757.28	2.877	10756.07	2.880	10756.38	2.880
Nov-12	10542.17	3.357	10542.17	3.357	10068.31	3.512	10068.31	3.512	10067.97	3.510	10068.75	3.510
Dec-12	10912.17	3.043	10912.17	3.043	10483.03	3.669	10483.03	3.669	10483.06	3.670	10482.58	3.670



Othen 1H

Production by Landowner

Month	Production	Rate	Production	Rate	Production	Rate	Production	Rate
Jan-13	9789.16	3.154	9446.23	3.283	9446.74	3.280	9447.62	3.280
Feb-13	10542.17	3.143	10442.89	3.164	10441.27	3.164	10443.07	3.160
Mar-13	9789.16	3.538	9914.46	3.473	9914.75	3.473	9915.03	3.470

Welcome to the PA DEP Oil & Gas Reporting Website

Pennsylvania's Oil and Gas Act requires unconventional well operators to submit production reports to the Department of Environmental Protection (DEP) biannually—on Aug. 15 for the period of Jan. 1 through June 30 for the same calendar year and on Feb. 15 for the period of July 1 through Dec. 31 of the previous calendar year. All other oil and gas operators are required to submit production reports on an annual basis on Feb. 15 for the previous calendar year. DEP makes every practical effort to post these reports as soon as possible after they are filed.

The Oil and Gas Act reporting is a self-reporting system, meaning that data is reported from producers to DEP as required by law. All production data is posted as it was received from the unconventional well operators. DEP does not independently verify the data before it is posted.

While the Oil and Gas Act requires accurate and on-time data reporting by producers, and the producers and DEP endeavor to correct any errors discovered after the data is posted, DEP makes no claims, promises or guarantees regarding the accuracy, completeness or timeliness of the operators' data that DEP is required to post.

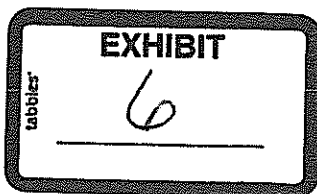
DEP expressly disclaims any liability for errors or omissions related to the production data contained within these reports. No warranty of any kind is given by DEP with respect to the production data contained within these reports posted on its website.

I have read and understand the above informational statement.

Agree	Disagree
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Chesapeake Energy
Production Report
 July -- Dec 2012

Farm Name	Township	Well	Volume	Days	mmcf/d	Avg/Day
ALBERTA 5H	ALBANY	5H	920,551	172	5,352	
BONNIE 2H	ALBANY	2H	684,327	181	3,781	
BONNIE 5H	ALBANY	5H	1,288,649	184	7,004	
DAVE 2H	ALBANY	2H	1,207,923	184	6,565	
DELIMA 5H	ALBANY	5H	1,281,049	180	7,117	
DOSS 2H	ALBANY	2H	1,067,238	184	5,800	
DOSS 5H	ALBANY	5H	1,234,482	184	6,709	
DUNHAM 2H	ALBANY	2H	1,123,602	180	6,242	
DUNHAM 5H	ALBANY	5H	1,000,072	184	5,435	
EPLER 3H	ALBANY	3H	1,314,852	184	7,146	
EPLER 5H	ALBANY	5H	801,438	184	4,356	
FITZSIMMONS 2H	ALBANY	2H	650,641	179	3,635	
FITZSIMMONS 5H	ALBANY	5H	1,113,104	184	6,049	
FITZSIMMONS BRA 1H	ALBANY	1H	998,933	184	5,429	
FITZSIMMONS BRA 3H	ALBANY	3H	1,083,175	183	5,919	
HENRY 2H	ALBANY	2H	1,508,240	184	8,197	
KINNARNEY 2H	ALBANY	2H	1,105,933	177	6,248	
KINNARNEY 5H	ALBANY	5H	1,269,839	178	7,134	
MEAS 2H	ALBANY	2H	1,378,817	183	7,535	
MEAS 5H	ALBANY	5H	1,145,269	183	6,258	
MENG 2H	ALBANY	2H	436,824	169	2,585	
MENG 5H	ALBANY	5H	654,663	169	3,874	
THALL 2H	ALBANY	2H	888,257	169	5,256	
THALL 5H	ALBANY	5H	882,525	171	5,161	
THALL 6H	ALBANY	6H	812,784	169	4,809	
WALT 2H	ALBANY	2H	1,448,489	183	7,915	
WALT 4H	ALBANY	4H	767,058	184	4,169	

BEEBE 5H	ASYLUM	5H	348,165	184	1,892	28,068,734	4,850	155,680	5,766
CHANCELLOR 626893 1	ASYLUM	1	373,288	184	2,029				
CURTIS 5H	ASYLUM	5H	1,137,136	183	6,214				
EVANCHICK 627146 2H	ASYLUM	2H	245,349	182	1,348				
FORBES 5H	ASYLUM	5H	574,563	181	3,174				
HOPSON 5H	ASYLUM	5H	614,660	184	3,341				
JAMES BARRETT 1H	ASYLUM	1H	181,779	169	1,076				
JAMES BARRETT 2H	ASYLUM	2H	652,615	164	3,979				
JOHN BARRETT 627210 2H	ASYLUM	2H	394,913	183	2,158				
JOHN BARRETT 627215 1H	ASYLUM	1H	247,594	181	1,368				
MADDEN 2H	ASYLUM	2H	141,469	68	2,080				
OTTEN 626935 1H	ASYLUM	1H	180,239	181	996				
OTTEN 627016 2H	ASYLUM	2H	319,646	183	1,747				
ZALESKI 2H	ASYLUM	2H	785,348	183	4,292				
ZALESKI 5H	ASYLUM	5H	419,545	184	2,280				
			6,616,309	2,594	37,973				2,532
ALBERTSON BRA 3H	ATHENS	3H	46,424	41	1,132				
SARAH BRA 5H	ATHENS	5H	415,394	158	2,629				
WOLF 5H	ATHENS	5H	572,726	159	3,602				
			1,034,544	358	7,363				2,454
CSI 2H	BURLINGTON	2H	378,528	183	2,068				
CSI 5H	BURLINGTON	5H	471,376	167	2,823				
ISBELL 2H	BURLINGTON	2H	442,071	183	2,416				
ISBELL 5H	BURLINGTON	5H	562,522	183	3,074				
LOMISON INC BRA 4H	BURLINGTON	4H	64,797	9	7,200				
LOMISON INC BRA 5H	BURLINGTON	5H	69,030	9	7,670				
POPIVSHAK 5H	BURLINGTON	5H	455,932	184	2,478				
			2,444,256	918	27,728				3,961

MARTIN 2H	GRANVILLE	2H	12,595	126	100	
MAY 627301 1H	GRANVILLE	1H	27,070	122	222	
MAY 627303 3H	GRANVILLE	3H	25,594	131	195	
VANNON 627108 2	GRANVILLE	2	15,340	118	130	
VANNON 627109 3	GRANVILLE	3	9,718	117	83	
VARGSON 1H	GRANVILLE	1	10,401	82	127	
			100,718	696	857	143
BALLIBAY 2H	HERRICK	2H	526,990	184	2,864	
BRINK 2H	HERRICK	2H	848,590	184	4,612	
BRINK 5H	HERRICK	5H	573,289	184	3,116	
HILLIS N BRA 3H	HERRICK	3H	480,444	170	2,826	
HILLIS S BRA 2H	HERRICK	2H	448,748	169	2,655	
LILLIE 2H	HERRICK	2H	861,609	183	4,708	
LILLIE 6H	HERRICK	6H	548,850	184	2,983	
OTIS 2H	HERRICK	2H	748,305	184	4,067	
OTIS 5H	HERRICK	5H	988,946	184	5,375	
			6,025,771	1,626	33,206	3,690
BRACKMAN 2H	LEROY	2H	34,584	130	266	
CRANRUN 2H	LEROY	2H	289,110	183	1,580	
CRANRUN 5H	LEROY	5H	1,359,431	183	7,429	
DUANE 2H	LEROY	2H	439,045	182	2,412	
FRED 2H	LEROY	2H	378,350	180	2,102	
NEAL BRA 6H	LEROY	6H	682,047	171	3,989	
PETTY 5H	LEROY	5H	1,291,010	183	7,055	
			4,473,577	1,212	24,832	3,547
AIKENS 2H	LITCHFIELD	2H	559,050	176	3,176	
AIKENS 5H	LITCHFIELD	5H	463,780	175	2,650	
ALDERFER 2H	LITCHFIELD	2H	273,575	183	1,495	

AMMERMAN 2H	LITCHFIELD	2H	525,326	166	3,165	
BEEMAN 2H	LITCHFIELD	2H	14,631	11	1,330	
BEEMAN 5H	LITCHFIELD	5H	36,687	10	3,669	
DRAKE 2H	LITCHFIELD	2H	658,843	165	3,993	
FAUSTO BRA 5H	LITCHFIELD	5H	245,525	184	1,334	
FEUSNER 2H	LITCHFIELD	2H	289,650	180	1,609	
FEUSNER 5H	LITCHFIELD	5H	252,186	183	1,378	
GEMM 3H	LITCHFIELD	3H	470,438	169	2,784	
LATTIMER 2H	LITCHFIELD	2H	407,203	162	2,514	
LAYTON BRA 2H	LITCHFIELD	2H	188,665	164	1,150	
LKM BRA 5H	LITCHFIELD	5H	366,592	163	2,249	
ROSSI BRA 2H	LITCHFIELD	2H	116,845	149	784	
STRUBLE 5H	LITCHFIELD	5H	240,511	174	1,382	
			5,109,507	2,414	34,663	2,166
JANET 2H	MONROE	2H	847,138	180	4,706	
JANET 5H	MONROE	5H	605,391	180	3,363	
JOHNSON 2H	MONROE	2H	933,030	166	5,621	
JOHNSON 5H	MONROE	5H	972,460	161	6,040	
STROM 627235 1H	MONROE	1H	475,007	170	2,794	
STROM 627236 2H	MONROE	2H	669,771	154	4,349	
STROM BRA 3H	MONROE	3H	376,745	173	2,178	
			4,879,542	1,184	29,051	4,150
FRISBEE 2H	ORWELL	2H	120,911	178	679	
			120,911	178	679	679
DRISCOLL 2H	OVERTON	2H	542,396	80	6,780	
DRISCOLL 5H	OVERTON	5H	639,666	78	8,201	
KENYON 2H	OVERTON	2H	722,901	85	8,505	
MCCONNELL 2H	OVERTON	2H	727,613	83	8,766	
MCCONNELL 5H	OVERTON	5H	755,829	83	9,106	

OILCAN BRA 2H	OVERTON	2H	700,683	88	7,962	
ROCKS 2H	OVERTON	2H	590,981	87	6,793	
ROCKS 5H	OVERTON	5H	540,803	87	6,216	
STOUDT 5H	OVERTON	5H	834,655	174	4,797	
			6,055,527	845	67,126	7,458
ACTON 6H	ROME	6H	404,755	182	2,224	
COMSTOCK 3H	ROME	3H	144,792	168	862	
GRAIN BRA 1H	ROME	1H	490,471	182	2,695	
DEWEES 2H	ROME	2H	200,747	135	1,487	
FLASH 5H	ROME	5H	101,948	181	563	
HAYWARD 2H	ROME	2H	488,333	180	2,713	
JACOBS 2H	ROME	2H	554,906	182	3,049	
JACOBS 4H	ROME	4H	276,868	180	1,538	
SCRIVENER N 4H	ROME	4H	717,121	183	3,919	
SCRIVENER S 1H	ROME	1H	364,097	178	2,045	
TOWNER 5H	ROME	5H	237,466	184	1,291	
TOWNER N 5H	ROME	5H	347,940	182	1,912	
TREAT 3H	ROME	3H	247,124	182	1,358	
TREAT 5H	ROME	5H	303,994	182	1,670	
			4,880,562	2,481	27,326	1,952
BUSTIN HOMESTEAD NW 5H OG W	SHESHEQUIN	5H	5,732	5	1,146	
COVINGTON 5H	SHESHEQUIN	5H	214,343	102	2,101	
HARNISH 5H	SHESHEQUIN	5H	468,719	101	4,641	
HERR 3H	SHESHEQUIN	2H	615,522	105	5,862	
KEIR NE 1H	SHESHEQUIN	1H	586,838	104	5,643	
KEIR NW 5H	SHESHEQUIN	5H	605,316	106	5,711	
KEIR SW 5H	SHESHEQUIN	5H	395,750	103	3,842	
SHORES NE 1H	SHESHEQUIN	1H	458,160	132	3,471	
SHORES NW 4H	SHESHEQUIN	4H	431,468	131	3,294	
SHORES SE BRA 1H	SHESHEQUIN	1H	415,481	134	3,101	

SHORES SW 5H	SHESHEQUIN	5H	527,263	133	3,964	
WEISBROD 4H	SHESHEQUIN	4H	620,657	134	4,632	
WEISBROD 5H	SHESHEQUIN	5H	647,908	136	4,764	
			5,993,157	1,426	52,171	4,013
AKITA 5H	SMITTFIELD	5H	443,401	183	2,423	
ALLFORD 2H	SMITTFIELD	2H	388,361	184	2,111	
ALLFORD 5H	SMITTFIELD	5H	440,297	183	2,406	
BARNES 2H	SMITTFIELD	2H	809,783	183	4,425	
BDF 5H	SMITTFIELD	5H	755,237	181	4,173	
EILEEN 2H	SMITTFIELD	2H	473,382	182	2,601	
EILEEN 5H	SMITTFIELD	5H	602,263	182	3,309	
GRANT 2H	SMITTFIELD	2H	486,215	181	2,686	
GRANT 5H	SMITTFIELD	5H	409,275	182	2,249	
HORST 5H	SMITTFIELD	5H	326,828	183	1,786	
HORST 6H	SMITTFIELD	6H	421,584	177	2,382	
KEELER HOLLOW 5H	SMITTFIELD	5H	364,770	156	2,338	
KINGSLEY BRA 3H	SMITTFIELD	3H	434,893	183	2,376	
LYTUVN 5H	SMITTFIELD	5H	315,961	183	1,727	
STURDEVANT 01	SMITTFIELD	1	9,245	175	53	
			6,681,495	2,698	37,044	2,470
MOODY BRA 2H	SPRINGFIELD	2H	785,114	129	6,086	
MOODY BRA 3H	SPRINGFIELD	3H	806,974	120	6,725	
			1,592,088	249	12,811	6,405
BLANNARD 1H	STANDING STONE	1H	510,171	184	2,773	
BLANNARD 5H	STANDING STONE	5H	283,297	180	1,574	
COATES 2H	STANDING STONE	2H	345,846	180	1,921	
COATES 5H	STANDING STONE	5H	149,533	184	813	
LUNDY 2H	STANDING STONE	2H	459,296	183	2,510	
LUNDY 5H	STANDING STONE	5H	214,312	183	1,171	

PRIMROSE 5H	STANDING STONE	5H	266,774	182	1,466	
STEVENS 2H	STANDING STONE	2H	494,274	103	4,799	
STEVENS 5H	STANDING STONE	5H	226,543	98	2,312	
			2,950,046	1,477	19,338	2,149
IH N BRA 2H	STEVENS	2H	349,080	53	6,586	
IH S BRA 2H	STEVENS	2H	414,280	53	7,817	
SHARER 2H	STEVENS	2H	191,591	181	1,059	
SHARER 5H	STEVENS	5H	194,015	178	1,090	
			1,148,966	465	16,552	4,138
ACLA 2H	TERRY	2H	671,988	184	3,652	
ACLA 6H	TERRY	6H	914,622	184	4,971	
CLAUDIA 2H	TERRY	2H	378,244	181	2,090	
CLAUDIA 4H	TERRY	4H	513,756	181	2,838	
CRAWFORD 2H	TERRY	2H	1,441,815	184	7,836	
CRAWFORD 4H	TERRY	4H	407,491	181	2,251	
GOWAN 2H	TERRY	2H	1,117,743	184	6,075	
GOWAN 4H	TERRY	4H	1,225,878	184	6,662	
GRIPPO 1H	TERRY	1H	1,158,702	164	7,065	
GRIPPO 6H	TERRY	6H	1,251,273	162	7,724	
HARPER 4H	TERRY	4H	819,304	184	4,453	
HARPER 5H	TERRY	5H	798,049	183	4,361	
HERSHBERGER 2H	TERRY	2H	440,559	182	2,421	
HERSHBERGER 5H	TERRY	5H	406,487	178	2,284	
JAMES SMITH 1H	TERRY	1H	823,453	184	4,475	
JAMES SMITH 2H	TERRY	2H	931,077	184	5,060	
PAULINY 5H	TERRY	5H	1,087,595	182	5,976	
PLYMOUTH 2H	TERRY	2H	1,287,480	182	7,074	
PLYMOUTH 5H	TERRY	5H	1,376,408	183	7,521	
POTTER 5H	TERRY	5H	771,438	183	4,216	
POTTER 6H	TERRY	6H	643,629	183	3,517	

SHIRLEY 2H	TERRY	2H	762,141	180	4,234	
SHIRLEY 5H	TERRY	5H	1,269,073	168	7,554	
STOORZA 2H	TERRY	2H	1,172,494	182	6,442	
STOORZA 5H	TERRY	5H	1,432,879	184	7,787	
WELLES 1 3H	TERRY	1-3H	764,680	177	4,320	
WELLES 1 5H	TERRY	1-5H	1,413,111	177	7,984	
WELLES 2 5H	TERRY	5H	105	1	105	
			25,281,474	4,866	140,949	5,034
FARR 5H	TOWANDA	5H	376,825	182	2,070	
FARR 627486 2H	TOWANDA	2H	775,366	184	4,214	
HOFFMAN 2H	TOWANDA	2H	752,957	184	4,092	
KENT 2H	TOWANDA	2H	350,988	182	1,929	
KENT 627491 1H	TOWANDA	1H	517,779	184	2,814	
KENT 627493 3H	TOWANDA	3H	667,080	184	3,625	
KENT 627495 5H	TOWANDA	5H	344,489	181	1,903	
MCCABE 2H	TOWANDA	2H	120,250	168	716	
MILLER 627488 1H	TOWANDA	1H	65,292	113	578	
MILLER 627489 2H	TOWANDA	2H	79,233	126	629	
MILLER 627490 3H	TOWANDA	3H	414,905	180	2,305	
ROSE 5H	TOWANDA	5H	141,720	177	801	
			4,606,884	2,045	25,676	2,140
BREEZY 2H	TROY	2H	372,412	183	2,035	
BREEZY 5H	TROY	5H	133,804	175	765	
ENGELKE 2H	TROY	2H	436,565	172	2,538	
ENGELKE 5H	TROY	5H	454,937	177	2,570	
EVERBREEZE 2H	TROY	2H	318,640	183	1,741	
EVERBREEZE 5H	TROY	5H	137,956	177	779	
HANNAN 3H	TROY	3H	387,786	184	2,108	
HANNAN 5H	TROY	5H	297,273	175	1,699	
HI LEV 4H	TROY	4H	148,497	181	820	

HI LEV 5H	TROY	5H	152,653	159	960	
MATT WILL FARMS 2H	TROY	2H	297,010	179	1,659	
RICH 2H	TROY	2H	271,888	182	1,494	
RICH 5H	TROY	5H	169,954	179	949	
			3,579,375	2,306	20,118	1,548
BENNETT 2H	TUSCARORA	2H	788,309	179	4,404	
BENNETT 4H	TUSCARORA	4H	1,296,706	179	7,244	
BO 2H	TUSCARORA	2H	425,283	178	2,389	
CHAMPDALE 4H	TUSCARORA	4H	705,144	82	8,599	
CHAMPDALE 5H	TUSCARORA	5H	647,153	79	8,192	
CHAMPLUVIER 2H	TUSCARORA	2H	942,769	117	8,058	
CHAMPLUVIER 5H	TUSCARORA	5H	824,913	104	7,932	
DUFFIELD 2H	TUSCARORA	2H	1,269,332	184	6,899	
DUFFIELD 5H	TUSCARORA	5H	1,035,941	184	5,630	
FOLTA N BRA 2H	TUSCARORA	2H	981,127	111	8,839	
FOLTA S BRA 2H	TUSCARORA	2H	914,232	108	8,465	
LINSKI N BRA 2H	TUSCARORA	2H	1,093,644	118	9,268	
LINSKI S BRA 4H	TUSCARORA	4H	1,064,840	116	9,180	
LIONETTI 2H	TUSCARORA	2H	762,093	184	4,142	
LIONETTI 3H	TUSCARORA	3H	918,459	184	4,992	
LIONETTI 5H	TUSCARORA	5H	871,890	184	4,739	
MOWRY 2 2H	TUSCARORA	2H	156,169	173	903	
MOWRY 2 5H	TUSCARORA	5H	191,805	184	1,042	
MOWRY 626913 1H	TUSCARORA	1H	792,496	184	4,307	
MOWRY 627098 2H	TUSCARORA	2H	493,574	184	2,682	
			16,175,879	3,016	117,905	5,895
ALTON 2H	ULSTER	2H	576,871	183	3,152	
ALTON 6H	ULSTER	6H	547,296	184	2,974	
GOLL 1H	ULSTER	1H	425,868	181	2,353	
GOLL 2H	ULSTER	2H	461,187	181	2,548	

GOLL 5H	ULSTER	5H	520,153	183	2,842	
HARTZ 1H	ULSTER	1H	241,975	183	1,322	
SIDONIO 2H	ULSTER	2H	302,306	182	1,661	
STROPE 2H	ULSTER	2H	568,992	181	3,144	
WILLIAMS 5H	ULSTER	5H	512,272	182	2,815	
			4,156,920	1,640	22,812	2,535
FINNERTY 2H	WEST BURLINGTON	2H	465,603	181	2,572	
HARRY 2H	WEST BURLINGTON	2H	329,539	183	1,801	
HARRY 5H	WEST BURLINGTON	5H	326,913	183	1,786	
HARRY BRA 1H	WEST BURLINGTON	1H	313,374	178	1,761	
KALINOWSKI 2H	WEST BURLINGTON	2H	78,747	28	2,812	
KALINOWSKI 5H	WEST BURLINGTON	5H	71,102	30	2,370	
LEANMAN 1H	WEST BURLINGTON	1H	430,967	180	2,394	
LEANMAN 5H	WEST BURLINGTON	5H	226,079	180	1,256	
READINGER 2H	WEST BURLINGTON	2H	308,480	184	1,677	
READINGER 4H	WEST BURLINGTON	4H	352,582	183	1,927	
SGL 289A 2H	WEST BURLINGTON	2H	469,683	182	2,581	
SGL 289B 2H	WEST BURLINGTON	2H	515,029	183	2,814	
SIMPSON 2H	WEST BURLINGTON	2H	528,447	183	2,888	
SIMPSON 5H	WEST BURLINGTON	5H	272,251	183	1,488	
UPDIKE 1H	WEST BURLINGTON	1H	529,501	182	2,909	
WARD 627412 2H	WEST BURLINGTON	2H	531,718	181	2,938	
WARD 627415 5H	WEST BURLINGTON	5H	480,784	181	2,656	
			6,230,799	2,785	38,630	2,272
MESSERSMITH S BRA 1H	WILMOT	1H	493,928	60	8,232	
			493,928	60	8,232	8,232
BALDUZZI 2H	WVALUSING	2H	1,160,461	184	6,307	
BALDUZZI 5H	WVALUSING	5H	554,245	183	3,029	
BURLEIGH 3H	WVALUSING	3H	1,020,475	178	5,733	

BURLEIGH 4H	WYALUSING	4H	970,759	181	5,363	
CERCA 2H	WYALUSING	2H	870,208	184	4,729	
CERCA 5H	WYALUSING	5H	693,005	184	3,766	
POLOMSKI 2H	WYALUSING	2H	772,571	184	4,199	
POLOMSKI 5H	WYALUSING	5H	566,027	184	3,076	
ROEBER 5H	WYALUSING	5H	686,858	184	3,733	
SOLOWIEI 5H	WYALUSING	5H	394,388	184	2,143	
SOLOWIEI 6H	WYALUSING	6H	405,848	184	2,206	
STALFORD 5H	WYALUSING	5H	534,877	182	2,939	
WAY 1H	WYALUSING	1H	755,140	184	4,104	
WAY 5H	WYALUSING	5H	777,986	182	4,275	
			10,162,848	2,562	55,602	3,972
ALLEN 5H	WYSOX	5H	822,056	181	4,542	
BALENT 6H	WYSOX	6H	632,904	180	3,516	
DJ BRA 3H	WYSOX	3H	449,204	184	2,441	
DJ BRA 5H	WYSOX	5H	377,121	164	2,300	
FOSTER 2H	WYSOX	2H	400,379	184	2,176	
FOSTER 5H	WYSOX	5H	659,289	184	3,583	
GOVERNALE 5H	WYSOX	5H	653,695	184	3,553	
GREGORY 1H	WYSOX	1H	458,083	184	2,490	
GREGORY 5H	WYSOX	5H	577,388	184	3,138	
KATZENSTEIN 2H	WYSOX	2H	197,510	180	1,097	
KATZENSTEIN 5H	WYSOX	5H	562,447	184	3,057	
MOOSE 5H	WYSOX	5H	745,186	184	4,050	
SCHOONOVER 2H	WYSOX	2H	324,416	184	1,763	
SCHOONOVER 5H	WYSOX	5H	235,812	183	1,289	
THEM 2H	WYSOX	2H	301,444	183	1,647	
THEM 5H	WYSOX	5H	280,609	182	1,542	
WYGRALA 5H	WYSOX	5H	664,665	184	3,612	
			8,342,208	3,093	45,795	2,694



October 22, 2008

Re: Chesapeake Appalachia, L.L.C. Lease No. 1255257-000
Bradford County, PA

Dear

I am in receipt of your letter dated September 17, 2008 regarding the above referenced oil and gas lease.

Please be advised that if a well is drilled on your acreage or your acreage is included in a unit, you will receive 15% of the gross and not the net. This is because there is a provision in the addendum of your lease that states that we are not permitted to make any types of deductions. I have included a copy of this addendum with the provision highlighted for your reference.

If you should have any further questions, please feel free to contact me at (304) 353-5134.

Very truly yours,

Chesapeake Appalachia, L.L.C.

Melissa D. Reed
District Lease Analyst II

Enclosure

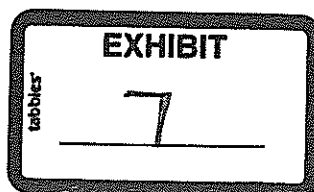


EXHIBIT "A"

Attached to and made a part of that certain Oil and Gas Lease dated April 30th, 2008 by and between married woman dealing in her sole and separate property as Lessor, and Chesapeake Appalachia, L.L.C., as Lessee

1. In the event of a conflict or inconsistency between the printed terms of this Lease and these added terms of this Lease, the added terms shall control and be deemed to supersede the printed terms of the Lease.
2. Lessee's operations on said land shall be in accordance with regulations set forth by the Pennsylvania Department of Environmental Protection.
3. Lessee shall indemnify and hold Lessor harmless from any and all liability, liens, demands, judgments, suits, and claims of any kind or character arising out of, in connection with, or relating to Lessee's operations under the terms of this Lease, including, but not limited to, environmental issues, claims for injury to or death of any persons, or damage, loss or destruction of any property, real or personal, under any theory of tort, contract, or strict liability. Lessee further covenants and agrees to defend any suits brought against Lessor on any claims, and to pay any judgment against Lessor resulting from any suit or suits, together with all costs and expenses relating to any claims, including attorney's fees, arising from Lessee's operations under the terms of this lease. Lessor, if it so elects, shall have the right to participate, at its sole expense, in its defense in any suit or suits in which it may be a party, without relieving Lessee of the obligation to defend Lessor. Lessor shall be named as an additional insured on Lessee's liability insurance policy. Prior to the commencement of drilling operations, Lessee shall provide to Lessor, a certificate of evidence for liability, workman's compensation and disability insurance.
4. Lessee shall test Lessor's domestic water supply prior to commencement of and following drilling operations on said land in order to ensure that said water supply is not adversely affected by said operations. In the event it is determined that said operations have adversely affected said water supply, then Lessee, at its own expense, shall take steps necessary to return said water supply to pre-drilling conditions.
5. Lessee shall construct or install all well sites, access roads and pipeline right-of-ways in a manner which would minimize any related soil erosion. Further, any related surface reclamation shall be done in a manner which restores said land as nearly to original contours as reasonably possible.
6. Lessee shall promptly replace any barriers, including but not limited to, fences and stone walls removed by Lessee during its operations on said land and further, shall construct gates on all access roads on said land upon request by Lessor.
7. Without a separate written agreement, pipelines shall not be constructed on the leased premises except for those used to transport oil and/or gas from a well(s) drilled on leased premises or land pooled therewith.
8. In the event a pooled unit is created which encompasses land located outside the lease premises and some, but not all, of the leased premises, any drilling or reworking operations on or production from a well located on that pooled unit shall continue this Lease in full force and effect but only as to that part of the lease premises contained within the pooled unit. Upon five years after the expiration of the primary term and upon receipt of written notice of Lessor, Lessee shall surrender such portions of leased premises not contained within a pooled unit and those formations and horizons 100' below the deepest formation penetrated.
9. Lessee agrees to pay Lessor, as surface damages, the sum of Fifteen Thousand dollars (\$ 15,000.00) for each drill site location on the lease premises and such payment shall be due and payable upon the commencement of drilling operations.
10. Notwithstanding anything to the contrary contained in the Lease, Lessee is not granted any right whatsoever to use the Leasehold, or any portion thereof, for gas storage purposes.
11. If Lessor wishes to enter into an agreement regarding gas storage using the leased premises with a third party, Lessor shall first give Lessee written notice of the identity of the third party, the price or the consideration for which the third party is prepared to offer, the effective date and closing date of the transaction and any other information respecting the transaction which Lessee believes would be material to the exercise of the offering. Lessor does hereby grant Lessee the first option and right to purchase the gas storage rights by matching and tendering to the Lessor any third party's offering. Lessor does hereby grant Lessee the first option and right to purchase the gas storage rights by matching and tendering to Lessor any third party's offer during the term of the Oil and Gas Lease. Nothing in this paragraph requires Lessor to give or sell such storage rights.
12. It is agreed between the Lessor and Lessee that, notwithstanding any language herein to the contrary, all oil, gas or other proceeds accruing to the Lessor under this lease or by state law shall be without deduction, directly or indirectly, for the cost of producing, gathering, storing, separating, treating, dehydrating, compressing, processing, transporting, and marketing the oil, gas and other products produced hereunder to transform the product into marketable form; however, any such costs which result in enhancing the value of the marketable oil, gas or other products to receive a better price may be deducted from Lessor's share of production so long as they are based on Lessee's actual cost of such enhancements. However, in no event shall Lessor receive a price that is less than, or more than, the price received by Lessee.
13. Lessee shall indemnify Lessor and the surface owner for any and all loss or liability, including reasonable attorney's fees, resulting from injury or death to any livestock on the leased premises, which are owned by Lessor, Lessor's tenant or the surface owner, if Lessee or its operations are responsible for such injury or death.
14. No well shall be drilled or pipeline constructed nearer than five hundred (500) feet of any building, water well, spring or septic system on the lease premises without the written consent of Lessor.
15. Lessee and Lessor agree that prior to the removal of any and all marketable timber resulting from Lessee's operations under the terms of this lease, an appraisal of the timber value shall be constructed by a qualified third party forester and Lessee shall pay Lessor the said appraisal value of the timber prior to harvesting.
16. Lessee shall not use water from Lessor's wells, ponds, lakes, or reservoirs located on the lease premises. However, subject to the other provisions of this paragraph, Lessee shall have the right to drill one or more water wells on the lease premises and to use water from those wells for drilling, reworking, deepening, and/or remedial work on the Lease. The water from those wells shall not be used for the purposes of water injection or secondary recovery without the written consent of Lessor. Lessee shall not drill or operate a water well, take water, or inject any substance in the subsurface in such a manner that will damage any of Lessor's water wells, water supply, or which would interfere with or restrict the supply of water to Lessor or its tenants for domestic, livestock, agricultural (including irrigation) purposes, or which would do injury to any potable



Jason P. Blose
Attorney

December 13, 2012

Re: Chesapeake Lease No.
Troy Township, Bradford County, Pennsylvania

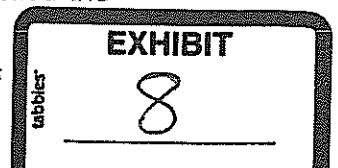
Dear

On behalf of Chesapeake Appalachia, L.L.C. ("Chesapeake"), I have been asked to respond to your letter dated November 6, 2012 in which you assert that Chesapeake is improperly paying royalty pursuant to the above referenced oil and gas lease ("Lease"). For the following reasons, it is Chesapeake's position that your royalties have been properly calculated.

As stated in your letter, the Lease states that lessee agrees "to pay Lessor, free of cost, a royalty of one-eighth (1/8th) of the revenue realized by Lessee for all gas marketed from the Leasehold." Your letter states your position that "by deducting gathering and third party costs, Chesapeake has applied their production costs to us."

By way of background, gas produced from the Lease is in marketable form at the wellhead, and is sold by Chesapeake to Chesapeake Energy Marketing, Inc. ("CEMI") at this point. CEMI is a marketing company which takes title to and possession of gas at the wellhead, and sells that gas at downstream value-added points of sale, typically on an interstate pipeline. CEMI pays Chesapeake 97 percent of the sales price CEMI receives (CEMI retains a 3 percent marketing fee which is borne solely by Chesapeake and is not passed on to you), less the costs CEMI incurs between the wellhead point of sale and the value-added downstream points of sale. The costs incurred by CEMI include a compression fee, gathering fee, and a transportation fee, as indicated in your royalty statements.

As mentioned above, the Lease requires royalties be paid based on the revenue realized by lessee. The revenue realized by Chesapeake is that received in the wellhead sale from Chesapeake to CEMI. Your claim that Chesapeake has applied the



December 13, 2012
Page 2

costs of production to you is simply incorrect. Your royalty is free of the cost of production. In Kilmer v. Elexco Land Services, Inc., 990 A.2d 1147 (Pa. 2010), the Pennsylvania Supreme Court recently recognized that a lessor's royalty is generally free of the cost of production, but is subject to a proportionate share of post production costs. Id., at 1152, 1157.

I hope this letter adequately addresses your concerns. Should you need further information, please do not hesitate to contact me.

Very truly yours,



Jason P. Blose



Jason P. Blose
Attorney

September 27, 2012

[REDACTED]

Tunkhannock, PA 18657

Re: Chesapeake Lease No. [REDACTED]
Auburn Township, Susquehanna County, Pennsylvania

Dear Mr. and Mrs. [REDACTED]

Chesapeake Appalachia, L.L.C. ("Chesapeake") is in receipt of your letter dated September 5, 2012 regarding the above referenced oil and gas lease ("Lease") in which you assert that Chesapeake has improperly calculated your royalty payments pursuant to the Lease. Please be advised of Chesapeake's position that it is properly calculating royalty payments pursuant to the Lease for the reasons set forth below.

By way of background information, gas produced from the Lease is in marketable form at the wellhead, and is sold by Chesapeake to Chesapeake Energy Marketing, Inc. ("CEMI") at this point. CEMI is a marketing company which takes title to gas at the wellhead, and aggregates that gas with gas produced from multiple other wells into a downstream pool, typically on an interstate pipeline. The volume of natural gas aggregated in this pool is then sold at value-added downstream points of sale to many different buyers, at different prices. On a monthly basis, CEMI determines a weighted average sales price for the gas sold from the pool. The weighted average sales price is calculated by averaging the price received from the individual sales from this pool across the entire volume contained in the pool. CEMI pays Chesapeake 97 percent of this weighted average sales price (CEMI retains a 3 percent marketing fee which is born solely by Chesapeake), less the costs CEMI incurs between the wellhead point of sale and the downstream point of sale. The costs incurred by CEMI include a gathering fee paid to Appalachia Midstream Services, L.L.C., and a transportation fees paid to Tennessee Gas Pipeline and Central New York Oil and Gas.

Addendum provision 20 to your Lease provides that royalty is calculated based on "the current market value or price at the wellhead as and when produced." Therefore, royalty is properly calculated in that manner. Addendum provision 21 provides that "Royalties shall be paid without deduction for the costs of producing, gathering, storing, treating, dehydrating, compressing, transporting, or otherwise making the ... gas produced from the Leased Premises ready for sale or use ... All ... gas shall be delivered free of cost into the ... pipeline." As stated above, your royalty is properly calculated at the "market value or price at the wellhead," which is the price paid by

Mr. [REDACTED]
September 27, 2012
Page 2

CEMI to Chesapeake, and gas is delivered free of cost into the pipeline. While your royalty statement details the cost incurred by CEMI in an effort to be transparent, please understand that these costs are not deductions. Rather, they are factors considered in determining the market value for the wellhead sale to CEMI.

Provision 23 of your addendum also provides:

It is agreed between the Lessor and Lessee that, notwithstanding any language herein to the contrary, all oil, gas or other proceeds accruing to the Lessor under this lease or by state law shall be without deduction, directly or indirectly, for the cost of producing, gathering, storing, separating, treating, dehydrating, compressing, processing, transporting, and marketing the oil, gas and other products produced hereunder to transform the product into marketable form; however, any such costs which result in enhancing the value of the marketable oil, gas or other products to receive a better price may be deducted from Lessor's share of production so long as they are based on Lessee's actual cost of such enhancements. However, in no event shall Lessor receive a price that is less than, or more than, the price received by Lessee (emphasis added).

The italicized sentence quoted above expressly provides that Lessor is never to receive a price that is less than, or more than, the price received by Lessee. Although not required to do so, Chesapeake has made the decision not to charge the royalty owners the 3 percent marketing fee it pays to CEMI. Thus, Chesapeake is paying a royalty based upon a price which is actually higher than the "current market value or price at the wellhead." Moreover, because gas produced from the Lease is marketable at the wellhead, the fees mentioned above which are incurred by CEMI would be properly deductible in any event because they "result in enhancing the value of the marketable ... gas ... to receive a better price" and they are "based on [the] actual cost of" the enhancements. For the above reasons, Chesapeake maintains its royalty payment methodology is appropriate.

You also request payment of interest "for the period of time between 5 months after production started (March) and the date I received my first royalty check (August)." As an initial matter, your lease provides that "lessee shall have up to five (5) months after the commencement of initial production from a well to begin the payment ... of royalties." As I stated to in my letter dated to you dated February 27, 2012, first sales of production from the Lease occurred on December 2, 2012 and therefore I believe you intend to reference May, rather than March. In any event, your Lease does not provide for payment of interest on royalty payments and therefore none is due. In addition, Paragraph 12 of the Lease requires lessor provide notice to lessee of any claim for damages arising out of an alleged breach or default, and affords lessee 90 days thereafter for lessee to remedy the alleged breach or default. Please consider this letter, together with Chesapeake's prior payment of royalty to be in satisfaction of that provision.

Mr. [REDACTED]
September 27, 2012
Page 3

Last, you mention that Chesapeake has "calculated [your royalty] based on a price that is consistently and significantly lower than that used by Statoil." Chesapeake is unfamiliar Statoil's marketing arrangements, manner of royalty calculation, and royalty payments, and therefore cannot properly respond to your comment at this time.

Please do not hesitate to contact me should you have any questions.

Very truly yours,



Jason P. Blose

EX-21 4 d270087dex21.htm SUBSIDIARIES OF CHESAPEAKE

Exhibit 21

SUBSIDIARIES
OF
CHESAPEAKE ENERGY CORPORATION*
Oklahoma Corporation

Corporations

Chesapeake Energy Louisiana Corporation
Chesapeake Energy Marketing, Inc.
Chesapeake E&P Holding Corporation
Chesapeake Operating, Inc.
CHK Holdings Corporation

State of Organization

Oklahoma
Oklahoma
Oklahoma
Oklahoma
Oklahoma

Limited Liability Companies

Chesapeake Appalachia, L.L.C.
Chesapeake Exploration, L.L.C.
Chesapeake Land Development Company, L.L.C.
Chesapeake Midstream Operating, L.L.C.
Chesapeake Oilfield Services, L.L.C.
Chesapeake Oilfield Operating, L.L.C.
CHK Utica, L.L.C.
Nomac Drilling, L.L.C.

State of Formation

Oklahoma
Oklahoma
Oklahoma
Oklahoma
Oklahoma
Oklahoma
Delaware
Oklahoma

Partnerships

Chesapeake Louisiana, L.P.
Chesapeake Midstream Development, L.P.

Oklahoma
Delaware

* In accordance with Regulation S-K Item 601(b)(21), the names of particular subsidiaries that, considered in the aggregate as a single subsidiary, would not constitute a significant subsidiary (as that term is defined in Rule 1-02(w) of Regulation S-X) as of the end of the year covered by this report have been omitted.

